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# THE SPECIES DIRECTORY

of the

## MARINE FAUNA AND FLORA

of the

### BRITISH ISLES

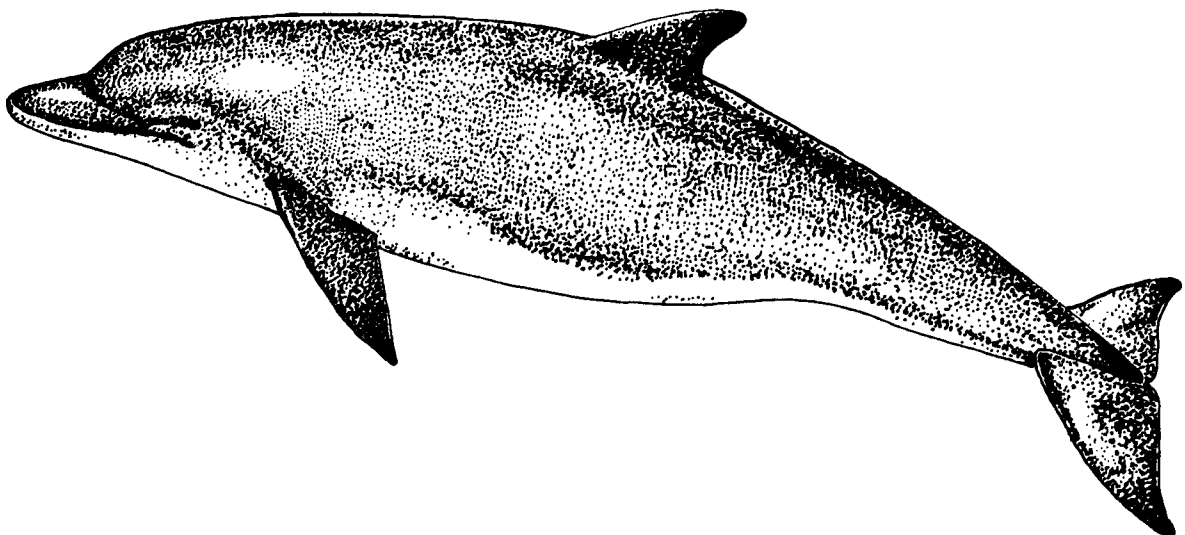
### AND SURROUNDING SEAS

Editors

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**Table 1. Letters allocated to the major groups**

|    |                              |    |  |
|----|------------------------------|----|--|
| A  | PROTOZOA <sup>1</sup>        | T  | INSECTA <sup>1</sup>                           |
| B  | MESOZOA <sup>2</sup>         | V  | TARDIGRADA <sup>2</sup>                        |
| C  | PORIFERA                     | W  | MOLLUSCA                                       |
| D  | CNIDARIA                     | X  | BRACHIOPODA                                    |
| E  | CTENOPHORA                   | Y  | BRYOZOA  |
| F  | PLATYHELMINTHES <sup>3</sup> | YA | CYCLIOPHORA <sup>2</sup>                       |
| G  | NEMERTEA                     | ZA | PHORONIDA                                      |
| H  | ASCHELMINTHES <sup>1</sup>   | ZB | ECHINODERMATA                                  |
| HA | ROTIFERA <sup>2</sup>        | ZC | HEMICHORDATA                                   |
| HB | GASTROTRICHA <sup>2</sup>    | ZD | TUNICATA                                       |
| HC | KINORHYNCHA <sup>2</sup>     | ZE | AGNATHA  |
| HD | NEMATODA <sup>2</sup>        | ZF | CHONDRICHTHYES                                 |
| HE | NEMATOMORPHA <sup>2</sup>    | ZG | OSTEICHTHYES                                   |
| I  | ACANTHOCEPHALA <sup>1</sup>  | ZI | REPTILIA <sup>2</sup>                          |
| IA | GNATHOSTOMULIDA <sup>2</sup> | ZJ | AVES   |
| IB | LORICIFERA <sup>2</sup>      | ZK | MAMMALIA                                       |
| J  | PRIAPULIDA                   | ZL | CYANOPHYTA <sup>1</sup>                        |
| K  | ENTOPROCTA                   | ZM | RHODOPHYCOTA                                   |
| L  | CHAETOGNATHA <sup>2</sup>    | ZN | CRYPTOPHYCOTA <sup>1</sup>                     |
| M  | POGONOPHORA                  | ZO | DINOPHYCOTA <sup>1</sup>                       |
| N  | SIPUNCULA                    | ZP | HAPTOPHYCOTA <sup>1</sup>                      |
| O  | ECHIURA                      | ZQ | CHRYSOPHYCOTA <sup>1</sup>                     |
| P  | ANNELIDA                     | ZR | CHROMOPHYCOTA                                  |
| Q  | CHELICERATA                  | ZS | CHLOROPHYCOTA                                  |
| R  | CRUSTACEA (lower)            | ZU | FUNGI <sup>1</sup>                             |
| S  | CRUSTACEA (higher)           | ZX | TRACHEOPHYCOTA<br>(=ANGIOSPERMAE) <sup>1</sup> |

<sup>1</sup> No list included in this publication<sup>2</sup> Additional list since 1987 edition<sup>3</sup> List not updated since 1987 edition



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# INTRODUCTION

## DEVELOPMENT OF THE SPECIES DIRECTORY

The origins of the Species Directory concept lie in a pragmatic approach to data handling adopted by the Ulster Museum in preparation for work on the Northern Ireland Sublittoral Survey (Erwin *et al.*, 1990). The results of this survey were to be stored on a database on a small computer and a thesaurus of species names was seen as an essential prerequisite to storing species data economically and accurately.

Michael Boston was employed to compile the initial lists from the latest literature available. This work was donated by the museum to the Marine Conservation Society and formed the basis of the first edition of this work (Howson, 1987). Christine Howson compiled revised lists from the literature and passed these to experts in the various groups, asking them to act as authors of the sections, thereby adding the latest expert knowledge to the lists. This version of the list was intended as a draft and only a small number of copies were produced. Subsequently, work to update this draft was carried out at the Ulster Museum in 1991 to 1992 by Bernard Picton, Brendan Ball and Maire Bowler. The main aims of this work were to revise and update the existing groups covered by the directory including the addition of some synonyms, increase the number of taxonomic groups included and finally, develop a new database in Advanced Revelation to hold the species information. This version of the list was never published and work has been carried out in 1996 to 1997 to incorporate continuing taxonomic changes, add further taxonomic groups and edit the text version of the list for publication.

The project was generously funded through its initial stages by the World Wide Fund for Nature (WWF UK) and funding for the final stages of the work has come from a number of bodies listed in the acknowledgements.

## RATIONALE

Species checklists provide a useful reference source for ecologists and taxonomists alike as a summary of the state of knowledge of a given flora or fauna. In the British Isles such lists already exist for some groups, recent examples including the mollusc (Smith & Heppell, 1991) and amphipod checklists (Costello *et al.*, 1989). Hayward & Ryland (1990) have gathered together in two volumes identification keys and descriptions of the commoner species of marine fauna of the British Isles and North-West Europe. This Directory aims to bring together into one volume these disparate lists of British and Irish marine species, incorporating recent literature and taxonomic revisions as well as individual records. It aims also to standardize the nomenclature as far as is currently feasible. The co-operation of taxonomists working with each group has been essential to ensure accuracy and to enable the most recently accepted name to be used.

This publication may be used for a variety of purposes: checking spellings, authorities and literature references, providing the valid name of a species, compiling survey checklists, considering the species known from the area when identifying an organism, and simply finding the phylum to which a particular species belongs. Not least, the list will help ensure that ecologists are using the same name for the same entity. The computer version of the list, which will also be made available, has further possibilities.

## THE SPECIES DIRECTORY DATABASE

### Data storage

The original version of the coded list was stored on the Ulster Museum's Comart computer in a database written in Microsoft Basic. There were limitations to this system which it was felt should be rectified. Primary among the limitations was the volume and diversity of information which could be stored, meaning that annotations could not be stored with individual records. The records were held sequentially for each phylum, based on the species number. This was disadvantageous because the insertion of a name where no space existed would affect the numerical coding of all subsequent records, and major taxonomic changes could not be incorporated without upheaval to the entire system.

Advanced Revelation is a database management system for use on IBM-compatible personal computers and networks. It was chosen as the data management system for this version of the Species Direc-

tory because it allows development work to be carried out easily and quickly and it is the corporate database that the Joint Nature Conservancy Committee (JNCC) are using as their main PC database. It has particular advantages for biological data. For example, variable length data are stored economically between field markers, multi-valued fields can be defined, changes can be made to file structures while they contain data, symbolic fields can be defined which display information from other files or information derived from combinations of fields and sophisticated indexing routines are built in.

A series of programmes has been developed by the Ulster Museum to run in a similar way to RE-CORDER, the JNCC sponsored package for local Biological Records Centres which holds terrestrial species and site data. This database holds species records for sites and specimen records for the marine section of the museum. The species names stored on the Comart system were imported into the new database. As Advanced Revelation can store records with key numbers which do not need to be sequential, the species numbers in the new database have had a zero added to the end of each existing (Comart) number to provide more potential redundancy. These key numbers are not listed in this publication as they are no longer in sequence due to classification changes within the various taxonomic groups. Instead, a sequential number has been allocated to each species entry in the printed version of the list and it is these numbers that are used in the index. An electronic version of the Directory is available from the Ulster Museum. It is recommended that anyone intending to use the Species Directory as a database thesaurus uses the key numbering system, not the sequential numbers in the printed publication. The latter are provided simply for indexing and will change in future editions.

### **Taxonomic sorting**

Taxonomic sorting is implemented separately from both the species storage and index numbers. Information for each species is held in four separate files.

The species file holds the unique species key number, genus name, species name and authority, common name, subspecies, subgenus, references, taxonomic notes, a species account, description, type locality, status and a local species account. Synonyms are generally given a separate species number and linked to the current senior synonym internally within the database, to allow for future changes in the taxonomy. The notes and descriptions sections may be as long and as detailed as is required as a result of Advanced Revelation's ability to hold data in variable length fields. Record length is limited only by Advanced Revelation's 64kb record limit (equivalent to about 25 pages of text), but no space is wasted by allocating fixed length fields for absent data.

Three hierarchical files are linked to the species file, and hold (i) genus; (ii) family, order, class; and (iii) phylum names. Numbers for species, genera, families and orders generate a symbolic code in a field within the species record called the taxon code and this is used for taxonomic sorting. If a species is moved to a new genus, or a genus to a different family, the taxonomic sorting is automatically changed. As many marine groups have unstable taxonomies, this is an important feature of a marine species thesaurus.

### **Database access**

As each species is allocated a unique and unchanging species number in the database, the data can be used as a thesaurus for species records at sites, specimen records and photographic records. If a species undergoes a name change or is moved within a family or a class, it will still retain the same unique species key number, and relational links within the database will be maintained. Everywhere that the name has been used will be updated by a single edit as the name is only actually stored once. Indexes are provided of scientific names (genus, subgenus, species, subspecies, synonyms), authorities and an abbreviation derived from the first three letters of the genus and first three of the species name. Names can therefore be accessed rapidly for editing and for insertion into entries in other files.

## GEOGRAPHICAL COVERAGE

The area included is defined by the 200 m isobath surrounding the British Isles within latitudes 48°N to 62.5°N and longitudes 13°W to 6°E. This does not include the Norwegian coast or trench, or the Faroe Islands or trench. It does include part of the Brittany coast and parts of the English Channel and North Sea coasts. The precise boundaries may vary from group to group, but this is generally specified in the introduction to each group.

It is important to note, however, that this directory is inclusive rather than exclusive and many deep-water species are listed. These deep-water species are usually distinguished from the other species by a note identifying them as such. In addition, records lying outside the immediate area have sometimes been included, generally because these are species that may be expected to occur within the area. This fact is usually stated in the notes section and taxonomists are encouraged to use the database for their own research and recording.

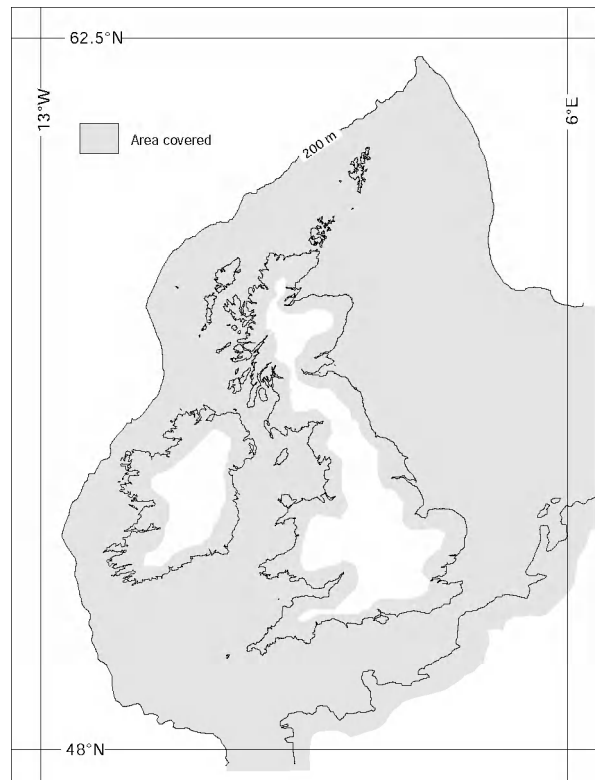


Figure 1. Geographical area covered by this list.

## FORMAT OF THE BOOK

Each chapter in this book covers a different phylum or major taxonomic group. The format for each chapter is the same. A short introduction is followed by an outline classification, the list itself and finally references mentioned in the list. At the end of the book there is an index to all the names used in the book.

The lists appear as two columns. The left hand column contains an index number, class, family, order, genus or species name. The right hand column contains notes which are relevant to the entry in the left hand column. These vary somewhat in content and detail from one phylum to the next, but are primarily taxonomic. They include some synonyms in common use. Common names are included where these have been entered, primarily for the vertebrate groups. In some groups comments on status and distribution or habitat have been added. The left hand column is indented and highlighted in such a way as to indicate distinctions between the levels of classification (Table 2). It should be noted that where index numbers appear to be missing in the left hand column of the list, these are allocated to database entries outside the geographical area of coverage that have not been included in this version of the Species Directory.

**PHYLUM**  
**SUBPHYLUM**  
**SUPERCLASS**  
**CLASS**  
**SUBCLASS**  
**ORDER**  
 SUBORDER  
 SUPERFAMILY  
 Family  
 Subfamily  
 Tribe  
*Genus*  
*Genus (subgenus)*  
*species*  
  
*species subspecies*  
*species variety*

Synonyms, taxonomic notes and notes on occurrence of the species

Table 2. Indentations and type faces used in the checklist.

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# MESOZOA

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## MESOZOA

### INTRODUCTION

Mesozoans comprise two similar classes of minute organisms endoparasitic in other marine invertebrates. Morphologically they are very simple with a ciliated outer cell layer enclosing a mass of reproductive cells. On account of their primitive structure they have been regarded as intermediate between protozoans and early metazoans. However, their complex reproductive life cycles suggest that they are secondarily simplified via a parasitic mode of life and that the degenerate form may be derived from a more complex platyhelminth ancestor.

The Dicyemida are all parasites of cephalopod molluscs, living attached within the nephridial cavities of the renal organs. They range in size from 0.5 mm to 7 mm. Both sexual and asexual reproductive phases occur and infective larvae leave via the excreted urine to disperse to other hosts.

The Orthonectida are generally less than 0.5 mm in length and live unattached within various invertebrate groups including flatworms, nemerteans, polychaetes, molluscs, echinoderms and ascidians. Asexual and sexual phases also occur, though during the latter the adults, which are capable of swimming, swarm in the water exterior to their host (Atkins, 1933).

It is possible that the two mesozoan groups have different origins and some authors suggest that they merit the erection of separate phyla. Around fifty species have been described. A review of the systematics of the Dicyemida is provided by Stunkard (1972), while the Orthonectids are dealt with in more detail by Kozloff (1992). A number of species have been recorded from the Channel coast of France and from the North Sea (see Caullery, 1961, Grasse, 1961). These and other species to be expected in the area are included along with their known hosts.

### CLASSIFICATION

Phylum **MESOZOA**

Class **DICYEMIDA**

Family **Dicyemidae** ..... B3

Family **Conocyemidae** ..... B11

Class **ORTHONECTIDA**

Family **Rhopaluridae** ..... B17

Family **Pelmatosphaeridae** ..... B34

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Phylum MESOZOA

|     |  |  |  |
|-----|--|--|--|
| B1  | <b>MESOZOA</b>   |  |  |
| B2  | <b>DICYEMIDA</b>   |  |  |
| B3  | Dicyemidae   |  |  |
| B4  | <i>Dicyema</i> von Kolliker, 1849                          |  |  |
| B5  | <i>paradoxum</i> von Kolliker, 1849                        |  | Hosts: <i>Octopus macropus</i> , <i>Loligo vulgaris</i> . Synonym: <i>D. clausianum</i> van Beneden, 1876. |
| B6  | <i>schulzianum</i> Whitman, 1883                           |  | Host: <i>Sepia elegans</i> .   |
| B7  | <i>truncatum</i> Whitman, 1883                             |  | Host: <i>Sepia officinalis</i> .   |
| B8  | <i>typus</i> van Beneden, 1876                             |  | Hosts: <i>Octopus vulgaris</i> , <i>Loligo vulgaris</i> .  |
| B9  | <i>Dicyemeneea</i> Whitman, 1883                           |  |  |
| B10 | <i>eledones</i> Whitman, 1883                              |  | Host: <i>Eledone cirrhosa</i> .  |
| B11 | Conocyemidae   |  |  |
| B12 | <i>Conocyema</i> van Beneden, 1882                         |  |  |
| B13 | <i>polymorpha</i> van Beneden, 1882                        |  | Host: <i>Octopus vulgaris</i> .  |
| B14 | <i>Microcyema</i> van Beneden, 1882                        |  |  |
| B15 | <i>vespa</i> van Beneden, 1882                             |  | Host: <i>Sepia officinalis</i> .   |
| B16 | <b>ORTHONECTIDA</b>  |  |  |
| B17 | Rhopaluridae   |  |  |
| B18 | <i>Rhopalura</i> Giard, 1877                               |  |  |
| B19 | <i>granosa</i> Atkins, 1933                                |  | Host: <i>Pododesmus squamula</i> .   |
| B20 | <i>ophiocomae</i> Giard, 1877                              |  | Hosts: <i>Amphipholis squamata</i> , <i>Ophiothrix fragilis</i> , <i>Ophiura albida</i> .                  |
| B21 | <i>pelseeneri</i> Caullery & Mesnil, 1901                  |  | Host: <i>Tetrastemma flavidum</i> . Generic status in doubt - may belong to <i>Intoshia</i> .              |
| B22 | <i>pelseeneri</i> var. <i>vermiculicola</i> Caullery, 1914 |  | Host: <i>Tetrastemma vermiculus</i>  |
| B23 | <i>philine</i> Lang, 1954                                  |  | Host: <i>Philine scabra</i> .  |
| B24 | <i>pteroicirri</i> Saint-Joseph, 1896                      |  | Host: <i>Eulalia macroceros</i> . Generic status in doubt - may belong to <i>Ciliocincta</i> .             |
| B25 | <i>Intoshia</i> Giard, 1877                                |  |  |
| B26 | <i>leptoplanae</i> Giard, 1877                             |  | Host: Polyclad - <i>Leptoplana tremellaris</i> .   |
| B27 | <i>linei</i> Giard, 1877                                   |  | Hosts: <i>Lineus viridis</i> , <i>L. ruber</i> , <i>L. sanguineus</i> .                                    |
| B28 | <i>metchnikovi</i> Caullery & Mesnil, 1899                 |  | Hosts: <i>Spio martinensis</i> , <i>Tetrastemma flavidum</i> .   |
| B29 | <i>paraphanostomae</i> (Westblad, 1942)                    |  | Hosts: Turbellarians - <i>Paraphanostoma macroposthium</i> , <i>P. brachyposthium</i> .                    |
| B30 | <i>Ciliocincta</i> Kozloff, 1965                           |  |  |
| B31 | <i>julini</i> (Caullery & Mesnil, 1899)                    |  | Host: <i>Malacoceros fuliginosa</i> .  |
| B32 | <i>Stoecharthrum</i> Caullery & Mesnil, 1899               |  |  |
| B33 | <i>giardi</i> Caullery & Mesnil, 1899                      |  | Host: <i>Scoloplos armiger</i> .   |
| B34 | Pelmatosphaeridae  |  |  |
| B35 | <i>Pelmatosphaera</i> Caullery & Mesnil, 1904              |  |  |
| B36 | <i>polycirri</i> Caullery & Mesnil, 1904                   |  | Host: <i>Polycirrus haematodes</i> .   |

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## PORIFERA

### INTRODUCTION

The phylum Porifera, although a major and conspicuous component of the marine invertebrate fauna, has as yet no generally acceptable system of higher classification. Relationships within the group are still poorly understood, although historically a number of systems of classification have been proposed, as reviewed by de Weerd (1985). Modern taxonomic work employing detailed life history studies, re-examination of early museum material and biochemical methods is beginning to clarify many of the problems (see, for example, Bergquist & Warne, 1980; Bergquist *et al.*, 1980, 1984; de Weerd, 1986). However, the classification is in debate at all levels below sub-class, and considerable reorganisation is to be expected. The scheme employed here follows in the most part Hooper & Wiedemayer (1994), Ackers *et al.* (1992) and, for the Haplosclerida, de Weerd (1985, 1986).

The names used in the present list are those familiar to British workers, and differ from continental usage in a number of ways. These differences are gradually being resolved but the proposed changes still require justifying in print before they can be brought into general use. Future changes to some specific and generic names are thus probable. Likewise many taxonomic problems remain at this level; the 'thin crusts' and the genus *Hymedesmia* are two notable examples.

The checklist includes approximately 300-350 species. Despite the monograph produced by Bowerbank (1864 - 1882), and work by Stephens (e.g. 1912, 1916, 1917, 1921) and Burton (e.g. 1963), the British fauna is still poorly known. Many species have not been seen since their original description or are found only rarely, so rediscoveries and new species, due in large part to the contribution of SCUBA diving, are not uncommon. It is highly probable that a number of species from outside the area will be recorded, but in general these have been omitted. In particular, northern species will be covered by a monograph in the 'Marine Invertebrates of Scandinavia' series (Ole Tendal, in prep.), and are not considered here.

Modern descriptions and photographs for many of the common British species are now given in the Marine Conservation Society 'Sponge V' (Ackers *et al.*, 1992). Otherwise, Bowerbank remains the classic reference text for the British Isles, although many of his names, particularly generic ones, are incorrect. (Many were corrected by Norman in Vol. IV, published after Bowerbank's death). Arndt (1935) is extremely useful, and includes many species not in Bowerbank. The Calcarea are covered by Burton (1963), although excessive synonymisation makes this text difficult to use. Other descriptions are in scattered literature; it is unfortunately beyond the scope of this project to provide a comprehensive bibliography. However, a Linnean Society Synopsis is in preparation by S.M. Stone, and this, together with the MCS volume, should make the phylum far more accessible to British workers.

**CLASSIFICATION**Phylum **PORIFERA**Class **CALCAREA**Subclass **CALCINEA**Order **CLATHRINIDA**

- Family **Clathrinidae** ..... C5  
 Family **Leucaltidae** ..... C22

Subclass **CALCARONEA**Order **LEUCOSOLENIDA**

- Family **Leucosoleniidae** ..... C50  
 Family **Amphoriscidae** ..... C57  
 Family **Grantiidae** ..... C66  
 Family **Heteropiidae** ..... C119  
 Family **Sycettidae** ..... C126

Class **DEMOSPONGIAE**Subclass **HOMOSCLEROMORPHA**Order **HOMOSCLEROPHORIDA**

- Family **Plakinidae** ..... C155

Subclass **TTRACTINOMORPHA**Order **ASTROPHORIDA**

- Family **Ancorinidae** ..... C177  
 Family **Geodiidae** ..... C219  
 Family **Pachastrellidae** ..... C240  
 Family **Theneidae** ..... C269  
 Family **Thrombidae** ..... C276

Order **LITHISTIDA**Suborder **TRIAENOSINA**

- Family **Corallistidae** ..... C282

Order **SPIROPHORIDA**

- Family **Tetillidae** ..... C290

Order **HADROMERIDA**

- Family **Chondrillidae** ..... C318  
 Family **Tethyidae** ..... C330  
 Family **Polymastiidae** ..... C350  
 Family **Suberitidae** ..... C387  
 Family **Timeidae** ..... C431  
 Family **Hemiasterellidae** ..... C439  
 Family **Stylocordylidae** ..... C460  
 Family **Spirastrellidae** ..... C465  
 Family **Clionidae** ..... C471  
 Family **Latrunculiidae** ..... C503

Subclass **CERACTINOMORPHA**Order **HALICHONDRIDA**

- Family **Axinellidae** ..... C526  
 Family **Desmoxyidae** ..... C599  
 Family **Halichondriidae** ..... C614

Order **POECILOSCLERIDA**

- Family **Mycalidae** ..... C702  
 Family **Hamacanthidae** ..... C763  
 Family **Crellidae** ..... C767  
 Family **Desmacididae** ..... C788  
 Family **Tedaniidae** ..... C847  
 Family **Cladorhizidae** ..... C860  
 Family **Desmacellidae** ..... C870  
 Family **Coelosphaeridae** ..... C895  
 Family **Hymedesmiidae** ..... C918  
 Family **Anchinoidae** ..... C977  
 Family **Myxillidae** ..... C1010  
 Family **Microcionidae** ..... C1099  
 Family **Raspailiidae** ..... C1258

|                             |                                     |       |
|-----------------------------|-------------------------------------|-------|
|                             | Family <b>Rhabderemiidae</b> .....  | C1345 |
| Order <b>HAPLOSCLERIDA</b>  |                                     |       |
|                             | Family <b>Chalinidae</b> .....      | C1393 |
|                             | Family <b>Phloeodictyidae</b> ..... | C1484 |
| Order <b>DENDROCERATIDA</b> |                                     |       |
|                             | Family <b>Darwinellidae</b> .....   | C1646 |
|                             | Family <b>Dysideidae</b> .....      | C1664 |
|                             | Family <b>Halisarcidae</b> .....    | C1683 |
| Order <b>VERONGIDA</b>      |                                     |       |
|                             | Family <b>Aplysinidae</b> .....     | C1692 |

**Phylum PORIFERA**

|      |                       |                          |   |
|------|-----------------------|--------------------------|---|
| C1   | <b>PORIFERA</b>       |                          |   |
| C2   | <b>CALCAREA</b>       |                          | "Named form" refers in all cases to Burton (1963).  |
| C3   | <b>CALCINEA</b>       |                          |   |
| C4   | <b>CLATHRINIDA</b>    |                          |   |
| C5   | Clathrinidae          |                          |   |
| C10  | <i>Clathrina</i>      | J E Gray, 1867           |   |
| C11  | <i>clathrus</i>       | (Schmidt, 1864)          | Synonyms: <i>Ascetta clathrus</i> ; <i>Leucosolenia clathrus</i> ; named form of <i>Clathrina coriacea</i> .  |
| C12  | <i>contorta</i>       | Bowerbank, 1866          | Synonyms: <i>Ascandra contorta</i> , <i>Leucosolenia contorta</i> ; named form of <i>Clathrina coriacea</i> .   |
| C13  | <i>coriacea</i>       | (Montagu, 1818)          | Synonyms: <i>Ascetta coriacea</i> ; <i>Leucosolenia coriacea</i> .  |
| C14  | <i>lacunosa</i>       | (Bean in Johnston, 1842) | Synonyms: <i>Ascortis lacunosa</i> , <i>Leucosolenia lacunosa</i> ; named form of <i>Clathrina coriacea</i> .   |
| C15  | <i>primordialis</i>   | Haeckel, 1870            | Synonyms: <i>Leucosolenia primordialis</i> ; named form of <i>Clathrina coriacea</i> .  |
| C22  | Leucaltidae           |                          |   |
| C27  | <i>Leucaltis</i>      | Haeckel, 1872            |   |
| C29  | <i>impressa</i>       | Hanitsch, 1890           | Named form of <i>Aphroceras ensata</i> .  |
| C48  | <b>CALCARONEA</b>     |                          |   |
| C49  | <b>LEUCOSOLENIIDA</b> |                          |   |
| C50  | Leucosoleniidae       |                          |   |
| C53  | <i>Leucosolenia</i>   | Bowerbank, 1861          |   |
| C54  | <i>botryoides</i>     | (Ellis & Solander, 1786) | Synonyms: <i>Ascaltis botryoides</i> and <i>Ascandra botrys</i> of Haeckel (1872).  |
| C55  | <i>complicata</i>     | (Montagu, 1818)          | Synonyms: <i>Ascandra complicata</i> and <i>Ascandra pinus</i> of Haeckel (1872); named form of <i>Leucosolenia botryoides</i> .  |
| C56  | <i>variabilis</i>     | Haeckel, 1870            | Synonyms: <i>Ascandra variabilis</i> ; named form of <i>Leucosolenia botryoides</i> .   |
| C57  | Amphoriscidae         |                          |   |
| C58  | <i>Amphoriscus</i>    | Haeckel, 1870            |   |
| C59  | <i>chrysalis</i>      | (Schmidt, 1864)          | Synonyms: <i>Ute chrysalis</i> ; <i>Sycilla chrysalis</i> of Haeckel (1872).  |
| C66  | Grantiidae            |                          |   |
| C76  | <i>Grantia</i>        | Fleming, 1828            |   |
| C77  | <i>capillosa</i>      | (Schmidt, 1862)          | Synonym: <i>Scypha</i> (in part) of Burton (1963).  |
| C78  | <i>compressa</i>      | (Fabricius, 1780)        | Synonyms: <i>Sycandra capillosa</i> ; <i>Scypha capillosa</i> .   |
| C88  | <i>Leuconia</i>       | Grant, 1833              | Synonyms: <i>Sycandra compressa</i> ; <i>Scypha compressa</i> .   |
| C89  | <i>aspera</i>         | (Schmidt, 1862)          | Synonym: <i>Leucandra</i> .   |
| C90  | <i>caminus</i>        | (Haeckel, 1870)          | Named form of <i>Aphroceras ensata</i> .  |
| C91  | <i>gossei</i>         | (Bowerbank, 1862)        | Named form of <i>Leuconia barbata</i> .   |
| C92  | <i>johnstoni</i>      | Carter, 1871             | Synonyms: <i>Aphroceras gossei</i> ; <i>Leucandra gossei</i> ; <i>Leucogypsia gossei</i> . Named form of <i>Aphroceras ensata</i> .   |
| C93  | <i>nivea</i>          | (Grant, 1826)            | Synonym: <i>Leucandra johnstoni</i> . Named form of <i>Leuconia barbata</i> .   |
| C94  | <i>pumila</i>         | Bowerbank, 1866          | Synonym: <i>Leucandra nivea</i> . Included in <i>Leuconia barbata</i> by Burton (1963).   |
| C98  | <i>Sycandra</i>       | Haeckel, 1872            | Synonym: <i>Leucaltis pumila</i> . Named form of <i>Leuconia barbata</i> .  |
| C99  | <i>utriculus</i>      | (Schmidt, 1869)          |   |
| C106 | <i>Trichogypsia</i>   | Carter, 1871             | Included in <i>Scypha compressa</i> by Burton (1963).   |
| C107 | <i>villosa</i>        | Carter, 1871             |   |
| C108 | <i>Ute</i>            | Schmidt, 1862            | Synonym: <i>Sycolepis villosa</i> of Burton (1963).   |
| C111 | <i>ensata</i>         | (Bowerbank, 1858)        | Synonyms: <i>Grantia ensata</i> ; <i>Aphroceras ensata</i> of Burton (1963) van Soest <i>et al</i> (1981); <i>Aphroceras cliarensis</i> of Stephens (1912); <i>Leucaltis impressa</i> of Hanitsch, 1890; Originally placed in Tetractinomorpha. |
| C115 | <i>Vosmaeria</i>      | Fristedt, 1885           |   |
| C116 | <i>crustacea</i>      | Fristedt, 1885           |   |
| C118 | <i>laevigata</i>      | Topsent, 1896            |   |
| C119 | Heteropiidae          |                          |   |
| C122 | <i>Heteropia</i>      | Carter, 1886             |   |
| C124 | <i>ramosa</i>         | (Carter in Higgin, 1886) | Named form of <i>Aphroceras ensata</i> .  |
| C126 | Sycettidae            |                          |   |
| C131 | <i>Scypha</i>         | J E Gray, 1821           |   |
| C132 | <i>ananas</i>         | (Montagu, 1818)          | Synonyms: <i>Sycandra</i> ; <i>Sycon</i> ; <i>Sycortis</i> .  |
| C133 | <i>ciliata</i>        | (Fabricius, 1780)        | Synonyms: <i>Leuconia ananas</i> var. <i>ananas</i> ; named form of <i>Scypha ciliata</i> .   |
| C134 | <i>coronata</i>       | (Ellis & Solander, 1786) | <i>Scypha ciliata</i> and <i>S. coronata</i> differ primarily in reproductive behaviour. See Tuzet (1973), van Soest <i>et al.</i> (1981).  |
| C135 | <i>elegans</i>        | (Bowerbank, 1845)        | Named form of <i>Scypha ciliata</i> .   |
| C136 | <i>fistulosa</i>      | (Johnston, 1842)         | Synonym: <i>Grantia tessellata</i> ; named form of <i>Scypha ciliata</i> .  |
| C137 | <i>quadrangulata</i>  | (Schmidt, 1868)          | Synonym: <i>Leuconia fistulosa</i> of Burton (1963).  |
| C138 | <i>raphanus</i>       | (Schmidt, 1862)          | Named form of <i>Scypha ciliata</i> .   |

- C139 *setosa* (Schmidt, 1862)  
 C140 *villosa* (Haeckel, 1870)  
 C151 **SYCETTIDA**  
 C152 **DEMOSPONGIAE**  
 C153 **HOMOSCLEROMORPHA**  
 C154 **HOMOSCLEROPHORIDA**  
 C155 Plakinidae  
 C162 *Oscarella* Vosmaer, 1884  
 C163 *lobularis* (Schmidt, 1862)
- C164 *rubra* (Hanitsch, 1890)  
 C166 *Plakina* Schulze, 1880  
 C167 *monolopha* Schulze, 1880  
 C173 *Plakortis* Schulze, 1880  
 C174 *simplex* Schulze, 1880  
 C175 **TETRACTINOMORPHA**
- C176 **ASTROPHORIDA**  
 C177 Ancorinidae  
 C179 *Ancorina* Schmidt, 1862  
 C182 *radix* Marenzeller, 1889  
 C204 *Stelletta* Schmidt, 1862  
 C206 *grubii* Schmidt, 1862
- C207 *lactea* Carter, 1871
- C214 *Stryphnus* Sollas, 1886  
 C216 *ponderosus* (Bowerbank, 1866)
- C219 Geodiidae  
 C223 *Geodia* Lamarck, 1815  
 C224 *atlantica* (Stephens, 1915)  
 C225 *cydonium* (O F Müller, 1798)  
 C228 *nodastrella* Carter, 1876  
 C229 *pyriformis* (Vosmaer, 1882)  
 C232 *Pachymatisma* Johnston, 1842  
 C233 *johnstonia* (Bowerbank, 1842)  
 C234 *normani* Sollas, 1888
- C240 Pachastrellidae  
 C241 *Characella* Sollas, 1886  
 C242 *pachastrelloides* (Carter, 1876)  
 C243 *Dercitus* J E Gray, 1867  
 C244 *bucklandi* (Bowerbank, 1858)
- C248 *Pachastrella* Schmidt, 1868  
 C250 *monilifera* Schmidt, 1868  
 C251 *Poecillastra* Sollas, 1869  
 C252 *amygdaloides* (Carter, 1876)  
 C253 *compressa* (Bowerbank, 1866)
- C254 *Sphinctrella* Sollas, 1870  
 C255 *annulata* (Carter, 1880)  
 C256 *ornata* Sollas, 1888
- C269 Theneidae  
 C272 *Thenea* J E Gray, 1867  
 C274 *muricata* (Bowerbank, 1858)  
 C275 *valdiviae* Lendenfeld, 1906
- C276 Thrombidae  
 C277 *Thrombus* Sollas, 1886  
 C278 *abyssi* (Carter, 1873)
- C281 **LITHISTIDA**  
 C282 Corallistidae  
 C283 *Macandrewia* J E Gray, 1859  
 C284 *azorica* J E Gray, 1859
- C289 **SPIROPHORIDA**  
 C290 Tetillidae  
 C310 *Tetilla* Schmidt, 1868  
 C311 *cranium* (O F Müller, 1776)
- C313 *infrequens* (Carter, 1876)  
 C314 *polyura* (Schmidt, 1870)  
 C315 *truncata* Topsent, 1890  
 C316 *zetlandica* (Carter, 1872)
- C317 **HADROMERIDA**  
 C318 Chondrillidae
- C320 *Thymosia* Topsent, 1896  
 C322 *guernei* Topsent, 1896  
 C330 Tethyidae  
 C339 *Tethya* Lamarck, 1814  
 C340 *aurantium* (Pallas, 1766)
- C350 Polymastiidae  
 C352 *Atergia* Stephens, 1915  
 C353 *corticata* Stephens, 1915
- Named form of *Scypha ciliata*.  
 Named form of *Scypha ciliata*.
- Synonym: *Halisarca lobularis* Schmidt, 1862. This species is now considered to be confined to the Mediterranean Sea. The British species will probably be given a new name.  
 Synonym: ? *Oscarella lobularis*.
- Synonym: *Plakina simplex*.  
 Further separation at ordinal level within the Tetractinomorpha is likely (Bergquist, 1980a).
- Synonyms: *Ecionemia coactura* Bowerbank, 1874; *Tethea collingsii* Bowerbank, 1866; *Tethea schmidtii* Bowerbank, 1866.  
 Synonyms: *Myriastria lactea* of Borojevic *et al* (1968); *Pilochrota lactea* of Topsent.
- Synonym: *Ecionemia ponderosa*; may be synonymous with *Stryphnus fortis* (Vosmaer) of Arndt (1935).
- Synonym: *Dragmastra normani* of Arndt (1935).
- Synonyms: *Battersbya bucklandi* and *Hymeniacidon bucklandi* of Bowerbank.
- Synonyms: *Ecionemia compressa* Bowerbank; *Pachastrella compressa* of Borojevic *et al* (1968).
- See Steenstrup & Tendal (1982).
- Synonym: ? *Thenea muricata* of Stephens, 1915. Not yet recorded from the area.
- The following species have frequently been synonymized. Synonyms: *Craniella cranium* of Borojevic *et al*. (1968); *Tethea/Tethya cranium* of Bowerbank.  
 Synonym: *Tethya cranium* var. *infrequens* of Bowerbank.  
 Synonym: *Timea polyura*.  
 Synonym: *Timea truncata*.  
 Synonym: *Tethya cranium* var. *zetlandica* of Bowerbank.
- Boury-Esnault & Lopes (1985) elevate this family to ordinal level. Note that Levinsen's record of *Chondrosia reniformis* in Arndt (1935) is a misidentification; this species is unlikely to be found in the area.
- Synonyms: *Donatia aurantium* of Gray (1867); *Donatia lyncurium* (Linnaeus, 1767); *Tethya lyncurium* of Topsent (1900).

|      |   |  |
|------|---|--|
| C354 | <i>Polymastia</i> Bowerbank, 1862             | <i>Polymastia</i> species can be difficult to distinguish and attribute names to. See Boury-Esnault (1987).  |
| C357 | <i>agglutinans</i> Ridley & Dendy, 1886       |  |
| C358 | <i>boletiformis</i> (Lamarck, 1815)           | Note spelling. Synonym: <i>Polymastia robusta</i> (Bowerbank, 1862).   |
| C359 | <i>conigera</i> Bowerbank, 1874               |  |
| C360 | <i>inflata</i> Cabioch, 1968                  | Synonym: <i>Polymastia bulbosa</i> Sara & Siribelli, 1960 non <i>bulbosa</i> Bowerbank, 1866.  |
| C361 | <i>mamillaris</i> (O F Müller, 1806)          | Note spelling. Synonyms: <i>Suberites</i> ( <i>Hymeniacion</i> ) <i>crustula</i> (Bowerbank, 1866); <i>Polymastia mamillaris</i> auctt.; <i>Polymastia mammeata</i> appears to be a form of <i>Hymeniacion perleve</i> (see Ackers et al., 1985).  |
| C362 | <i>spinula</i> Bowerbank, 1866                |  |
| C365 | <i>Quasillina</i> Norman, 1869                |  |
| C366 | <i>brevis</i> (Bowerbank, 1866)               | Synonym: <i>Polymastia brevis</i> Bowerbank.   |
| C367 | <i>Radiella</i> Schmidt, 1870                 |  |
| C368 | <i>sol</i> Schmidt, 1870                      |  |
| C370 | <i>Sphaerotylus</i> Topsent, 1898             |  |
| C372 | <i>sp</i>                                     | Unnamed species not uncommon on west and north coast of Ireland and Calif of Man.  |
| C373 | <i>Spinularia</i> J E Gray, 1867              |  |
| C374 | <i>spinularia</i> (Bowerbank, 1862)           |  |
| C375 | <i>Tentorium</i> Vosmaer, 1885                |  |
| C376 | <i>semisuberites</i> (Schmidt, 1870)          |  |
| C387 | Suberitidae                                   |  |
| C393 | <i>Laxosuberites</i> Topsent, 1896            |  |
| C394 | <i>durus</i> Stephens, 1915                   |  |
| C395 | <i>ectyoninus</i> Topsent, 1900               |  |
| C396 | <i>incrustans</i> Stephens, 1915              | Synonym: ? <i>Prosuberites epiphytum</i> .   |
| C397 | <i>rugosus</i> (Schmidt, 1868)                |  |
| C400 | <i>Prosuberites</i> Topsent, 1893             |  |
| C401 | <i>epiphytum</i> (Lamarck, 1815)              | Synonym: <i>Suberites epiphytum</i> .  |
| C402 | <i>longispina</i> Topsent, 1893               |  |
| C404 | <i>Pseudosuberites</i> Topsent, 1896          |  |
| C405 | <i>fallax</i> (Bowerbank, 1866)               | Synonym of <i>Hymeniacion perleve</i> (Burton)?  |
| C406 | <i>mollis</i> Topsent, 1925                   |  |
| C407 | <i>sulphureus</i> (Bean, 1866)                |  |
| C414 | <i>Suberites</i> Nardo, 1833                  |  |
| C415 | <i>caminatus</i> Ridley & Dendy, 1886         | Synonym: <i>Hymeniacion carnosus</i> of Bowerbank.   |
| C416 | <i>carnosus</i> (Johnston, 1842)              | Synonym: <i>Rhizaxinella elongata</i>  |
| C417 | <i>elongatus</i> Ridley & Dendy, 1886         | Synonyms: <i>Ficulina ficus</i> (L.) auctt.; <i>Hymeniacion ficus</i> of Bowerbank; <i>Hymeniacion suberea</i> ; <i>Suberites ficus</i> auctt.   |
| C418 | <i>ficus</i> (Linnaeus, 1767)                 | The name of this species is likely to be changed in the near future. <i>Suberites domuncula</i> (Olivier, 1792) is now considered to be a separate species, confined to the Mediterranean.   |
| C420 | <i>gibbosiceps</i> Topsent, 1904              |  |
| C422 | <i>lutea</i> Sole-Cava & Thorpe, 1986         |  |
| C423 | <i>massa</i> Nardo, 1847                      |  |
| C424 | <i>pagurorum</i> Sole-Cava & Thorpe, 1986     |  |
| C425 | <i>rubra</i> Sole-Cava & Thorpe, 1986         |  |
| C427 | <i>simplex</i> (Carter, 1876)                 |  |
| C428 | <i>Terpios</i> Duchassaing & Michelotti, 1864 |  |
| C429 | <i>fugax</i> Duchassaing & Michelotti, 1864   | Synonyms: <i>Hymedesmia tenuicula</i> Bowerbank, 1882; <i>Hymeniacion gelatinosa</i> Bowerbank, 1866; <i>Terpios fugax</i> . Rob van Soest points out that the type locality for this species is in the Caribbean and therefore the NE Atlantic species is unlikely to be conspecific and may need a new name. |
| C431 | Timeidae                                      |  |
| C432 | <i>Timea</i> J E Gray, 1867                   |  |
| C433 | <i>acutostellata</i> (Hanitsch, 1894)         |  |
| C434 | <i>crassa</i> (Topsent, 1900)                 |  |
| C435 | <i>hallezi</i> (Topsent, 1891)                | Synonym: <i>Hymedesmia hallezi</i> .   |
| C436 | <i>mixta</i> (Topsent, 1896)                  | Synonym: <i>Hymedesmia mixta</i> .   |
| C437 | <i>stellata</i> (Bowerbank, 1866)             | Synonym: <i>Hymedesmia stellata</i> .  |
| C438 | <i>stellifasciata</i> Sara & Siribelli, 1960  |  |
| C439 | Hemiasterellidae                              |  |
| C440 | <i>Adreus</i> J E Gray, 1867                  |  |
| C441 | <i>fascicularis</i> (Bowerbank, 1866)         | Synonym: <i>Dictyocylindrus fascicularis</i> of Bowerbank.   |
| C453 | <i>Paratimea</i> Hallmann, 1917               |  |
| C454 | <i>constellata</i> (Topsent, 1893)            | Synonyms: <i>Bubaris constellata</i> ; <i>Halicnemia constellata</i> .   |
| C455 | <i>Stelligera</i> J E Gray, 1867              |  |
| C456 | <i>rigida</i> (Montagu, 1818)                 | Synonym: <i>Vibulinus rigidus</i> of Topsent (1890). <i>Stelligera rigida</i> and <i>S. stuposa</i> have often been confused.  |
| C457 | <i>stuposa</i> (Ellis & Solander, 1786)       | Synonyms: <i>Dictyocylindricus stuposus</i> of Bowerbank (1866); <i>Vibulinus stuposus</i> of Gray (1867) and Topsent (1934).  |
| C460 | Stylocordylidae                               |  |
| C463 | <i>Stylocordyla</i> Thomson, 1873             |  |
| C464 | <i>borealis</i> (Lovén, 1868)                 |  |
| C465 | Spirastrellidae                               |  |
| C467 | <i>Spirastrella</i> Schmidt, 1868             |  |
| C470 | <i>minax</i> (Topsent, 1888)                  |  |
| C471 | Clionidae                                     |  |
| C472 | <i>Alectona</i> Carter, 1879                  |  |
| C474 | <i>wallichii</i> (Carter, 1874)               |  |
| C475 | <i>Cliona</i> Grant, 1826                     | See Rützler & Stone (1986).  |
| C476 | <i>abyssorum</i> Carter, 1874                 |  |
| C480 | <i>celata</i> Grant, 1826                     | Synonym: <i>Raphyrus griffithsii</i> Bowerbank, 1866; <i>Vioa</i>  |

- C481 *levispira* Topsent, 1898  
 C482 *lobata* Hancock, 1849  
 C485 *pruvoti* Topsent, 1900  
 C486 *vastifica* Hancock, 1849  
 C503 Latrunculidae  
 C505 *Latrunculia* Barboza du Bocage, 1869  
 C508 *cratera* Barboza du Bocage, 1869  
 C509 *normani* Stephens, 1915  
 C510 *triloba* (Schmidt, 1875)  
 C524 CERACTINOMORPHA  
 C525 HALICHONDRIIDA
- C526 Axinellidae  
 C536 *Axinella* Schmidt, 1862  
 C537 *agnata* Topsent, 1896  
 C538 *arctica* Vosmaer, 1885  
 C539 *damicornis* (Esper, 1794)  
 C540 *dissimilis* (Bowerbank, 1866)
- C541 *egregia* (Ridley, 1881)  
 C543 *flustra* Topsent, 1892  
 C545 *infundibuliformis* (Linnaeus, 1758)
- C546 *mammillata* (Hanitsch, 1890)  
 C547 *microdragma* (Lendenfeld, 1897)  
 C548 *multiformis* (Vosmaer, 1885)  
 C550 *pocillum* (Bowerbank, 1866)  
 C552 *pyramidata* Stephens, 1916  
 C555 *thielei* (Topsent, 1898)  
 C556 *verrucosa* (Esper, 1794)  
 C563 *Homaxinella* Topsent, 1916  
 C564 *subdola* (Bowerbank, 1866)
- C565 *Hymenhabdia* Topsent, 1892  
 C566 *intermedia* Sara & Siribelli, 1960  
 C567 *typica* Topsent, 1892  
 C570 *Phakellia* Bowerbank, 1862  
 C573 *robusta* Bowerbank, 1866  
 C574 *rugosa* (Bowerbank, 1862)
- C575 *setosa* (Bowerbank, 1873)  
 C577 *ventilabrum* (Linnaeus, 1767)  
 C578 *vermiculata* (Bowerbank, 1862)
- C594 *Skeizia* Cabioch, 1968  
 C595 *minuta* Cabioch, 1968  
 C599 Desmoxyidae  
 C603 *Halichemia* Bowerbank, 1862  
 C604 *patera* Bowerbank, 1862  
 C605 *verticillata* (Bowerbank, 1862)  
 C606 *Higginsia* Higgin, 1877  
 C609 *strigilata* (Lamarck, 1813)  
 C614 Halichondriidae  
 C625 *Ciocalypta* Bowerbank, 1862  
 C626 *penicillus* Bowerbank, 1864  
 C628 *Eumastia* Schmidt, 1870  
 C629 *appendiculata* Schmidt, 1875  
 C630 *sitiens* Schmidt, 1870  
 C632 *Halichondria* Fleming, 1828  
 C635 *agglomerans* Cabioch, 1968  
 C638 *bowerbanki* Burton, 1930
- C640 *difficilis* Lundbeck, 1902  
 C649 *membrana* (Bowerbank, 1866)  
 C651 *panicea* (Pallas, 1766)
- C655 *topsenti* de Laubenfels, 1936  
 C657 *Hymeniacion* Bowerbank, 1858
- C661 *caruncula* Bowerbank, 1857  
 C667 *perleve* (Montagu, 1818)  
 C669 *sanguinea* (Grant, 1826)  
 C673 *Pseudaxinyssa* Burton, 1931  
 C674 *digitata* Cabioch, 1968  
 C677 *Rhaphidostyla* Burton, 1935  
 C678 *incisa* (Schmidt, 1880)  
 C679 *kitchingi* Burton, 1935  
 C680 *Spongisorites* Topsent, 1896  
 C681 *fibrosa* (Fristedt, 1887)  
 C682 *genitrix* (Schmidt, 1870)
- celata*.
- Original diagnosis of this order is inadequate (Bergquist, 1980a). There are groups of species within both the Halichondriidae and the Hymeniacionidae that are not really closely related.
- French coasts and Channel Isles only.  
 See Ackers *et al.* (1985).  
 Synonym: *A. cinnamomea* Schmidt, 1862.  
 Synonyms: *Axinella dissimilis* of Borojevic *et al.* (1968); *Isodictya dissimilis* Bowerbank, 1866; *Halichondria distorta* Bowerbank, 1866; *Axinella polypoides* auct. non (Schmidt, 1862) (now considered to be a separate species confined to the Mediterranean); *Tragosia polypoides* of Stephens, 1917.
- Synonym: *Tragosia flustra* of Topsent.  
 Synonyms: *Isodictya infundibuliformis* of Bowerbank; *Tragosia infundibuliformis* of Arndt (1935).
- French coasts only.
- Synonyms: *Halichondria subdola* Bowerbank; *Pachaxinella subdola* of Burton (1930).
- Axinella rugosa* of Arndt (1935); *Dictyocylindricus rugosus* Bowerbank.
- Synonyms: *Bubaris vermiculata* of Borojevic *et al.* (1968); *Hymenaphia vermiculata*.
- Synonym: *Crella inflata* (Bowerbank).  
 Synonym: *Bubaris gallica* (Topsent, 1893).
- This genus requires revision.
- Synonym: *Halichondria coalita* (Lamouroux, 1876) of Bowerbank (1866).  
 Synonyms: *Topsentia difficilis*; *Spongisorites difficilis*.
- A very polymorphic species, currently under review. Some of the many older forms may be reestablished, particularly where they refer to distinctive forms, to facilitate the collection of information (Ackers *et al.*, 1985, 1992).  
 Synonym: *Halichondria reticulatus* Bowerbank, 1866.  
 The three *Hymeniacion* species may all be conspecific, but more information is required. Separate ecological entities are recognisable, so the species are retained as separate here. See Ackers *et al.* (1985), van Soest & Weinberg (1980).  
 See above.  
 See above.  
 See above.
- Synonym: *Stylotella*.
- Synonym: *Topsentia* Berg, 1899.

|      |  |   |
|------|--|---|
| C683 | <i>glabra</i> (Topsent, 1904)                  | Synonym: <i>Halichondria glabra</i> of Bruce <i>et al.</i> (1963).  |
| C701 | <b>POECILOSCLERIDA</b>                         |   |
| C702 | <b>Mycalidae</b>                               |   |
| C722 | <i>Mycale</i> J E Gray, 1867                   |   |
| C723 | <i>contarenii</i> (Martens, 1824)              | Synonyms: <i>Desmacidon copiosa</i> Bowerbank; <i>Esperia modesta</i> of Arndt (1935); <i>Halichondria aegagropila</i> Bowerbank; <i>Mycale intermedia</i> (Schmidt, 1870).<br>Synonym: <i>Rhaphiodesma lingua</i> .  |
| C724 | <i>lingua</i> (Bowerbank, 1858)                | Synonyms: <i>Corybas lobata</i> ; <i>Mycale ovulum</i> (Schmidt, 1870). <i>Corybas</i> is preoccupied and thus invalid. This species presents a taxonomic problem that requires investigation. Current continental usage is to place it in <i>Mycale</i> although a new generic name is needed, and it will probably move to the <i>Esperiopsinae</i> . |
| C725 | <i>lobata</i> (Montagu, 1818)                  | Synonym: <i>Hymeniacidon macilentata</i> .  |
| C726 | <i>macilentata</i> (Bowerbank, 1866)           |   |
| C727 | <i>massa</i> (Schmidt, 1862)                   |   |
| C728 | <i>micracanthoxea</i> Buizer & van Soest, 1977 | See Buizer & van Soest (1977).  |
| C729 | <i>minima</i> (Waller, 1880)                   |   |
| C730 | <i>placoides</i> (Carter, 1876)                | Considered synonymous with <i>Mycale lingua</i> by some authors.  |
| C731 | <i>retifera</i> Topsent, 1924                  |   |
| C732 | <i>rotalis</i> (Bowerbank, 1874)               |   |
| C733 | <i>similaris</i> (Bowerbank, 1874)             | Synonyms: <i>Desmacidon similaris</i> ; <i>Esperella sordida</i> of Delage (1892); <i>Rhaphioderma sordida</i> Bowerbank; <i>Mycale subclavata</i> (Bowerbank).   |
| C746 | <i>Rhaphidotheca</i> Kent, 1870                |   |
| C747 | <i>marshallhalli</i> Kent, 1870                | Synonym: <i>R. rhopalophora</i> (Schmidt, 1875).  |
| C752 | <i>Ulosa</i> de Laubenfels, 1936               |   |
| C753 | <i>digitata</i> (Schmidt, 1866)                | Synonyms: <i>U. tupha</i> Pallas, 1776; <i>Desmacidon pannosus</i> Bowerbank; <i>Halichondria inornata</i> Bowerbank.   |
| C755 | <i>Esperiopsis</i> Carter, 1882                |   |
| C758 | <i>fucorum</i> (Esper, 1794)                   | Synonyms: <i>Amphilectus edwardii</i> ; <i>Isodictya edwardii</i> ; <i>Amphilectus fucorum</i> auct.  |
| C759 | <i>incognita</i> Stephens, 1916                |   |
| C760 | <i>macrosigma</i> Stephens, 1916               |   |
| C761 | <i>schmidtii</i> Arnesen, 1903                 |   |
| C762 | <i>villosa</i> (Carter, 1874)                  |   |
| C763 | <b>Hamacanthidae</b>                           |   |
| C764 | <i>Hamacantha</i> J E Gray, 1867               |   |
| C765 | <i>falcula</i> (Bowerbank, 1869)               |   |
| C766 | <i>johnsoni</i> (Bowerbank, 1862)              |   |
| C767 | <b>Crellidae</b>                               |   |
| C768 | <i>Crella</i> J E Gray, 1867                   | Synonym: <i>Pytheas</i> Topsent, 1890.  |
| C769 | <i>albula</i> (Bowerbank, 1866)                |   |
| C770 | <i>digitifera</i> (Levi, 1959)                 | Southern species not yet recorded from the area.  |
| C771 | <i>elegans</i> (Schmidt, 1862)                 |   |
| C773 | <i>polymastia</i> (Thiele, 1903)               |   |
| C774 | <i>pyrula</i> (Carter, 1876)                   |   |
| C775 | <i>rosea</i> (Topsent, 1892)                   | Synonym: <i>Yvesia rosea</i> Topsent.   |
| C788 | <b>Desmacididae</b>                            |   |
| C792 | <i>Batzella</i> Topsent, 1893                  |   |
| C793 | <i>inops</i> (Topsent, 1891)                   | Synonym: <i>Halichondria inops</i> .  |
| C802 | <i>Desmacidon</i> Bowerbank, 1861              |   |
| C806 | <i>fruticosum</i> (Montagu, 1818)              |   |
| C811 | <i>Guitarra</i> Carter, 1874                   |   |
| C812 | <i>fimbriata</i> Carter, 1874                  |   |
| C847 | <b>Tedaniidae</b>                              |   |
| C851 | <i>Tedania</i> J E Gray, 1867                  |   |
| C853 | <i>suctoria</i> Schmidt, 1870                  |   |
| C860 | <b>Cladorhizidae</b>                           |   |
| C861 | <i>Asbestopluma</i> Topsent, 1901              |   |
| C862 | <i>pennatula</i> (Schmidt, 1875)               |   |
| C865 | <i>Cladorhiza</i> M Sars, 1869                 |   |
| C866 | <i>abyssicola</i> Sars, 1872                   |   |
| C870 | <b>Desmacellidae</b>                           |   |
| C873 | <i>Biemna</i> J E Gray, 1867                   |   |
| C876 | <i>variantia</i> (Bowerbank, 1858)             | Synonyms: <i>Biemna peachii</i> (Bowerbank, 1866); <i>Desmacella capillifera</i> of Lundbeck (1902); <i>Hymeniacidon variantia</i> .  |
| C877 | <i>Desmacella</i> Schmidt, 1870                |   |
| C878 | <i>annexa</i> (Schmidt, 1870)                  | Synonyms: <i>Sigmattoxella annexa</i> of Borojevic <i>et al.</i> (1968); <i>Tylodesma annexa</i> .<br><i>Tylodesma informis</i> .<br>Synonym: <i>Tylodesma inornata</i> .   |
| C879 | <i>informis</i> Stephens, 1916                 |   |
| C880 | <i>inornata</i> (Bowerbank, 1866)              |   |
| C895 | <b>Coelosphaeridae</b>                         |   |
| C908 | <i>Inflatella</i> Schmidt, 1875                |   |
| C909 | <i>pellicula</i> Schmidt, 1875                 |   |
| C918 | <b>Hymedesmiidae</b>                           |   |
| C924 | <i>Hymedesmia</i> Bowerbank, 1862              | Difficult taxonomic group at present undergoing revision by Stone & Tendal.   |
| C925 | <i>baculifera</i> (Topsent, 1901)              |   |
| C926 | <i>brondstedii</i> Burton, 1930                | Synonyms: <i>Anchinoe coriaceus</i> of Topsent (1936); <i>Dendoryx dujardini</i> (Bowerbank, 1866) of Topsent (1888); <i>Stylopus dujardini</i> of Levinsen (1887) and Arndt (1935) nec <i>Halisarca dujardini</i> Johnston, 1842.  |
| C927 | <i>crux</i> (O Schmidt, 1875)                  |   |
| C928 | <i>curvichela</i> Lundbeck, 1910               |   |
| C929 | <i>digitata</i> Lundbeck, 1910                 |   |
| C930 | <i>helgae</i> Stephens, 1916                   |   |
| C931 | <i>hibernica</i> Stephens, 1916                |   |
| C932 | <i>jecusculum</i> (Bowerbank, 1866)            |   |
| C933 | <i>koehleri</i> (Topsent, 1896)                |   |

- C935 *lenta* Descatoire, 1966  
C936 *lieberkuhni* Burton, 1930  
Synonyms: *Halichondria fasciculata* Lieberkuhn, 1859; *Myxilla fasciculata* Schmidt, 1862; nec *Spongia fasciculata* Pallas, 1766.
- C937 *longistylus* Lundbeck, 1910  
C938 *mucronota* (Topsent, 1904)  
C939 *mutabilis* (Topsent, 1904)  
C940 *nummulus* Lundbeck, 1910  
C941 *occulta* Bowerbank, 1869  
C942 *pansa* Bowerbank, 1882  
C943 *paupertas* (Bowerbank, 1866)  
Synonyms: *Anchinoe paupertas*; *Hymeniacion paupertas*. The species known as *Anchinoe paupertas* in the Mediterranean is distinct and requires a new name.
- C944 *peachii* Bowerbank, 1882  
C945 *pilata* Bowerbank, 1882  
C946 *primitiva* Lundbeck, 1910  
C947 *procumbens* Lundbeck, 1910  
C949 *similis* Lundbeck, 1910  
C950 *spinosa* Stephens, 1916  
C951 *stephensi* Burton, 1930  
C953 *truncata* Lundbeck, 1910  
C954 *veneta* (Schmidt, 1862)  
C955 *versicolor* (Topsent, 1893)  
C957 *zetlandica* Bowerbank, 1862  
C962 *Leptolabis* Topsent, 1904  
C963 *luciensis* (Topsent, 1888)  
C972 *Spanioplion* Topsent, 1890  
C973 *armaturum* (Bowerbank, 1866)  
C977 Anchinoidea  
C983 *Hemimyscale* Burton, 1934  
C984 *columella* (Bowerbank, 1874)  
C989 *Phorbas* Duchassaing & Michelotti, 1864  
C991 *fictitius* (Bowerbank, 1866)  
Synonyms: *Anchinoe fictitius* of Stephens (1921) and Borojevic *et al.* (1968); *Microcionia fictitia*; *Plumohalichondria fictitia* of Hanitsch (1894).  
Synonyms: *Anchinoe perarmatus*; *Hymeniacion perarmatus*.
- C992 *perarmatus* (Bowerbank, 1866)
- C993 *Plocamiancora* Topsent, 1927  
C994 *arndti* Alander, 1942  
Recently discovered at Rathlin Island and in the Sound of Mull. (BEP)
- C997 *Styloptilon* Cabioch, 1968  
C998 *ancoratum* Cabioch, 1968  
C999 *Stylostichon* Topsent, 1892  
C1000 *bihamigera* (Waller, 1878)  
C1002 *dendyi* (Topsent, 1892)  
C1003 *dives* (Topsent, 1891)  
C1004 *microcheliferum* Cabioch, 1968  
C1005 *microcionides* (Carter, 1876)  
C1006 *plumosum* (Montagu, 1818)  
Synonyms: *Microcionia plumosa* of Parfitt (1868); *Plumohalichondria plumosa* of Carter (1885); *Pronax plumosa* of Gray (1867).
- C1010 Myxillidae  
C1029 *Ectoforcepia* Cabioch, 1968  
C1030 *psammophila* Cabioch, 1968  
C1031 *Ectyodoryx* Lundbeck, 1909  
C1032 *atlanticus* Stephens, 1916  
C1033 *foliata* (Fristedt, 1887)  
C1041 *Forcepia* Carter, 1874  
C1044 *forcipis* (Bowerbank, 1866)  
C1045 *fragilis* Stephens, 1917  
C1048 *Hymetrochota* Topsent, 1904  
C1049 *topsenti* Burton, 1930  
C1050 *lophon* J E Gray, 1867  
C1052 *hyndmani* (Bowerbank, 1858)  
*Isodictya hyndmani*; *Pocillon hyndmani* of Topsent (1894); *lophon ingalli* (Bowerbank, 1866); *Menyllus ingalli*.
- C1053 *piceus* (Vosmaer, 1882)  
C1054 *spinulentum* (Bowerbank, 1866)  
C1056 *lophonopsis* Dendy, 1924  
C1057 *nigricans* (Bowerbank, 1858)  
*lophonopsis* and *lophon* form a difficult taxonomic group. Synonyms: *Halichondria nigricans*; *Menyllus nigricans* of Gray (1867) and Borojevic *et al.* (1968). May be conspecific with *lophonopsis nigricans* Bowerbank, although this may well be a valid species of *lophonopsis*.
- C1058 *pattersoni* (Bowerbank, 1858)
- C1061 *Iotrochota* Ridley, 1884  
C1062 *abyssi* (Carter, 1874)  
C1063 *acanthostylifera* Stephens, 1916  
C1066 *Lissodendoryx* Topsent, 1892  
C1067 *diversichela* Lundbeck, 1905  
C1068 *fragilis* (Fristedt, 1885)  
C1069 *lundbecki* Topsent, 1913  
C1070 *stipitata* (Arensen, 1903)  
C1073 *Melonanchora* Carter, 1874  
C1074 *elliptica* Carter, 1874  
C1075 *emphysema* (Schmidt, 1875)  
C1078 *Myxilla* Schmidt, 1862  
C1080 *cf. fimbriata*  
C1081 *cf. rosacea*  
C1084 *fimbriata* (Bowerbank, 1864)  
A number of undescribed entities exist.  
See Ackers *et al.* (1985, 1992).  
Synonyms: *Isodictya fimbriata*; *Isodictya lurida* Bowerbank, 1866; *Myxilla lurida*.
- C1085 *incrustans* (Johnston, 1842)  
Synonyms: *Dendodoryx incrustans* of Gray (1867); *Halichondria incrustans* of Bowerbank.



|       |                       |                            |  |
|-------|-----------------------|----------------------------|--|
| C1087 | <i>perspinosa</i>     | Lundbeck, 1905             |  |
| C1088 | <i>rosacea</i>        | (Lieberkuhn, 1859)         |  |
| C1090 | <i>Plocamionida</i>   | Topsent, 1927              |  |
| C1091 | <i>ambigua</i>        | (Bowerbank, 1866)          | Synonym: <i>Microciona ambigua</i> .   |
| C1092 | <i>microcionides</i>  | (Carter, 1876)             |  |
| C1099 | Microcionidae         |                            | Microcionidae.   |
| C1108 | <i>Antho</i>          | J E Gray, 1867             |  |
| C1109 | <i>brattgardii</i>    | van Soest & Stone, 1986    | Not yet recorded from the area.  |
| C1110 | <i>dichotoma</i>      | (Esper, 1794)              | Synonym: <i>Dictyoclathria dichotoma</i> (Esper); not yet known from living specimens.   |
| C1111 | <i>erecta</i>         | (Ferrer-Hernandez, 1921)   |  |
| C1112 | <i>inconstans</i>     | Topsent, 1925              | Now considered distinct from <i>Antho involvens</i> (Ackers <i>et al.</i> , 1992).   |
| C1113 | <i>involvens</i>      | (Schmidt, 1864)            | Synonyms: <i>Isodictya beanii</i> Bowerbank, 1866; <i>Dictyoclathria beanii</i> of Burton (1933) and Arndt (1935); <i>Myxilla involvens</i> .<br>May be synonymous with <i>Rhaphidophylus</i> Ehlers, 1870.    |
| C1116 | <i>Artemisina</i>     | Vosmaer, 1885              |  |
| C1117 | <i>arciger</i>        | (Schmidt, 1870)            |  |
| C1118 | <i>hispanica</i>      | Ferrer-Hernandez, 1919     | Synonym: ? <i>Artemisina transiens</i> .   |
| C1120 | <i>transiens</i>      | Topsent, 1892              |  |
| C1130 | <i>Clathria</i>       | Schmidt, 1862              | See van Soest & Stone (1986).  |
| C1131 | <i>anchorata</i>      | (Carter, 1874)             |  |
| C1132 | <i>barleei</i>        | (Bowerbank, 1866)          | Synonyms: <i>Halichondria foliata</i> Bowerbank, 1874; <i>Clathria foliata</i> ; <i>Isodictya laciniosa</i> Bowerbank.   |
| C1135 | <i>coralloides</i>    | (Olivi, 1792)              |  |
| C1184 | <i>Microciona</i>     | Bowerbank, 1862            | Van Soest & Stone (1986) include <i>Microciona</i> as a subgenus of <i>Clathria</i> .<br>Synonym: <i>Eurypon acanthotoxa</i> Stephens.   |
| C1185 | <i>acanthotoxa</i>    | (Stephens, 1916)           |  |
| C1187 | <i>armata</i>         | Bowerbank, 1866            |  |
| C1189 | <i>ascendens</i>      | Cabioch, 1968              |  |
| C1190 | <i>atrasanguinea</i>  | Bowerbank, 1862            | Synonym: <i>Plumohalichondria atrasanguinea</i> Hanitsch, 1890.  |
| C1192 | <i>ditoxa</i>         | (Stephens, 1916)           |  |
| C1193 | <i>elliptichela</i>   | Alander, 1942              | Recently discovered at Rathlin Island, Co Antrim. (BEP)  |
| C1195 | <i>fallax</i>         | Bowerbank, 1866            |  |
| C1196 | <i>gradalis</i>       | (Topsent, 1925)            | <i>Clathria gradalis</i> Topsent.  |
| C1198 | <i>laevis</i>         | Bowerbank, 1866            |  |
| C1200 | <i>macrochela</i>     | Levi, 1960                 |  |
| C1201 | <i>microchela</i>     | (Stephens, 1916)           |  |
| C1202 | <i>osismica</i>       | Cabioch, 1968              |  |
| C1205 | <i>spinarcus</i>      | Carter & Hope, 1889        |  |
| C1206 | <i>strepsitoxa</i>    | Hope, 1889                 |  |
| C1207 | <i>tenuissima</i>     | (Stephens, 1916)           |  |
| C1208 | <i>toximajor</i>      | (Topsent, 1925)            |  |
| C1209 | <i>toxitenuis</i>     | (Topsent, 1925)            | <i>Clathria toxitenuis</i> Topsent.  |
| C1210 | <i>Ophlitaspongia</i> | Bowerbank, 1866            |  |
| C1215 | <i>seriata</i>        | (Grant, 1826)              | Synonym: <i>Ophlitaspongia papillosa</i> Bowerbank, 1866.<br>May be synonymous with <i>Antho</i> Gray. See van Soest & Stone (1986).   |
| C1225 | <i>Plocamilla</i>     | Topsent, 1928              | Synonym: <i>Antho coriacea</i> .<br>Synonym: <i>Antho coriacea</i> .   |
| C1226 | <i>circonflexa</i>    | Levi, 1960                 |  |
| C1227 | <i>coriacea</i>       | (Bowerbank, 1874)          |  |
| C1258 | Raspailiidae          |                            |  |
| C1281 | <i>Endectyon</i>      | Topsent, 1920              |  |
| C1282 | <i>defaubenfelsi</i>  | Burton, 1930               |  |
| C1283 | <i>demonstrans</i>    | (Topsent, 1892)            |  |
| C1284 | <i>teissieri</i>      | Cabioch, 1968              | French coasts only.  |
| C1286 | <i>Eurypon</i>        | J E Gray, 1867             |  |
| C1287 | <i>clavatum</i>       | (Bowerbank, 1866)          | Synonym: <i>Hymeraphia clavata</i> .   |
| C1288 | <i>clavigera</i>      | (Bowerbank, 1866)          |  |
| C1289 | <i>coronula</i>       | (Bowerbank, 1869)          | Synonym: <i>Hymeraphia coronula</i> .  |
| C1290 | <i>lacazei</i>        | (Topsent, 1891)            | Synonym: <i>Hymeraphia lacazei</i> .   |
| C1291 | <i>major</i>          | Sara & Siribelli, 1960     |  |
| C1292 | <i>radiata</i>        | Bowerbank, 1866            | Examination of the type shows this to be a <i>Eurypon</i> species (BEP).<br>Synonym: <i>Hymeraphia simplex</i> .   |
| C1293 | <i>simplex</i>        | (Bowerbank, 1874)          |  |
| C1295 | <i>Hymeraphia</i>     | Bowerbank, 1862            |  |
| C1298 | <i>stellifera</i>     | (Bowerbank, 1866)          | Synonym: <i>Mesapos stellifera</i> of Topsent (1900).  |
| C1313 | <i>Raspaciona</i>     | Topsent, 1936              |  |
| C1314 | <i>aculeata</i>       | <i>sensu</i> Topsent, 1936 | Not the same species as <i>Raspailia aculeata</i> Bowerbank therefore <i>aculeata</i> is not strictly available in this combination.<br>See Ackers <i>et al.</i> (1985) p.111.                                 |
| C1315 | <i>Raspailia</i>      | Nardo, 1833                |  |
| C1316 | <i>aculeata</i>       | (Bowerbank, 1866)          |  |
| C1321 | <i>hispidata</i>      | (Montagu, 1818)            | <i>Dictyocylindrus hispidus</i> of Bowerbank (1866) non <i>Spongia hispidata</i> Lamarck, 1814.  |
| C1322 | <i>howsei</i>         | (Bowerbank, 1866)          |  |
| C1323 | <i>pumila</i>         | (Bowerbank, 1866)          |  |
| C1324 | <i>radiosa</i>        | (Bowerbank, 1866)          | Synonym: <i>Dictyocylindrus radiosus</i> .   |
| C1325 | <i>ramosa</i>         | (Montagu, 1818)            | Synonym: <i>Dictyocylindrus ramosus</i> of Bowerbank, 1866; may be conspecific with <i>Raspailia pumila</i> (Bowerbank, 1866). This species has in the past been synonymized with <i>Raspailia hispidata</i> . |
| C1326 | <i>rectangula</i>     | (Bowerbank, 1874)          |  |
| C1327 | <i>ventilabrum</i>    | (Bowerbank, 1866)          | Synonym: <i>Dictyocylindrus ventilabrum</i> . See Cabioch (1968) for distinguishing characters separating it from <i>Raspailia hispidata</i> .   |
| C1330 | <i>viminalis</i>      | Schmidt, 1862              |  |
| C1331 | <i>virgultosa</i>     | (Bowerbank, 1866)          | Synonym: <i>Dictyocylindrus virgultosus</i> .  |
| C1336 | <i>Tethyspira</i>     | Topsent, 1890              |  |
| C1337 | <i>spinosa</i>        | (Bowerbank, 1874)          | Synonym: <i>Tethea spinosa</i> .   |
| C1341 | <i>Tricheurypon</i>   | Topsent, 1928              |  |
| C1342 | <i>viride</i>         | (Topsent, 1889)            |  |

- C1345 Rhabderemiidae  
C1347 *Rhabderemia* Topsent, 1890  
C1348 *guernei* Topsent, 1890  
C1349 *minutula* (Carter, 1876)  
C1352 **HAPLOSCLERIDA**
- C1393 Chaliniidae  
C1394 *Acervochalina* Ridley, 1884  
C1395 *limbata* (Montagu, 1818)  
C1396 *loosanoffi* (Hartman, 1958)  
C1420 *Haliclona* Grant, 1835
- C1421 *angulata* (Bowerbank, 1866)  
C1422 *cinerea* (Grant, 1826)  
C1424 *fibulata* (Schmidt, 1862)  
C1425 *fistulosa* (Bowerbank, 1866)  
C1426 *indistincta* (Bowerbank, 1866)  
C1427 *oculata* (Pallas, 1766)  
C1428 *rava* (Stephens, 1912)  
C1429 *rosea* (Bowerbank, 1866)  
C1430 *simulans* (Johnston, 1842)  
C1431 *urceolus* (Rathke & Vahl, 1806)  
C1432 *viscosa* (Topsent, 1888)  
C1433 *xena* de Weerd, 1986
- C1434 *Isodictya* Bowerbank, 1858  
C1438 *palmata* (Ellis & Solander, 1786)  
C1484 Phloeodictyidae
- C1485 *Aka* de Laubenfels, 1936  
C1486 *coralliophaga* (Stephens, 1915)  
C1487 *labyrinthica* (Hancock, 1849)  
C1491 *Oceanapia* Norman, 1869  
C1492 *isodictyiformis* (Carter, 1882)  
C1493 *robusta* (Bowerbank, 1866)
- DICTYOCERATIDA**  
**DENDROCERATIDA**  
C1646 Darwinellidae  
C1647 *Aplysilla* Schulze, 1878
- C1649 *rosea* (Barrois, 1876)  
C1650 *sulfurea* Schulze, 1878  
C1651 *Chelonaplysilla* de Laubenfels, 1948  
C1652 *noevus* (Carter, 1876)  
C1659 *Hexadella*  
C1660 *racovitzai* Topsent, 1896  
C1664 Dysideidae  
C1667 *Dysidea* Johnston, 1842  
C1668 *avara* (Schmidt, 1862)  
C1670 *fragilis* (Montagu, 1818)  
C1671 *pallescens* Schmidt, 1862  
C1681 *Spongionella* Bowerbank, 1862  
C1682 *pulchella* (Sowerby, 1806)  
C1683 Halisarcidae  
C1684 *Halisarca* Johnston, 1842
- C1686 *dujardini* Johnston, 1842  
C1688 *metschnikovi* Levi, 1953
- VERONGIDA**  
C1691 Aplysinidae  
C1692 *Aplysina* Nardo, 1834  
C1694 *zetlandica* (Bowerbank, 1866)  
C1697
- Synonym: *R. pusilla* Carter.  
Revised by de Weerd (1985, 1986). See also Griessinger (1971), van Soest (1980).  
Haliclonidae. See de Weerd (1986).
- Synonyms: *Chalina limbata*; *Haliclona limbata* auctt.  
Synonym: *Haliclona loosanoffi*.  
The species of *Haliclona* given here follow de Weerd (1986) although it is likely that there are a number of other species in the British Isles as yet unattributable to any of the following (BEP).  
Synonym: *Gellius angulatus* of Ackers *et al.* (1985).
- Synonym: *Gellius fibulatus* auctt.
- Synonym: *Gellius ravus*.
- Known only from type area in the Netherlands; possibly an introduction.  
May belong in the Haplosclerida (BEP).
- Synonym: Oceanapiidae. Bergquist & Warne (1980) place this family in the Nepheliospongida, split from the Haplosclerida on the basis of reproduction and skeletal characteristics. De Weerd (1985) disagrees, and retains the family within the Haplosclerida.  
See Rützler & Stone (1986).  
Synonym: *Cliona coralliophaga*.  
Synonym: *Cliona labyrinthica*.
- See de Weerd (1985) for description.  
Synonym: *Desmacidon jeffreysii* (Bowerbank, 1866).
- Bergquist (1980b) considers colour to be a stable specific character in this family, and that variation from rose to yellow within one species would not occur. Other authors, however, consider the two species conspecific (see also Ackers *et al.*, 1985).
- Synonym: *Spongelia fragilis* of Ledenfeld.
- Halisarca* may require separate ordinal status (Bergquist, 1980b).  
non *Hymeniacion dujardini* Bowerbank, 1866.

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# CNIDARIA

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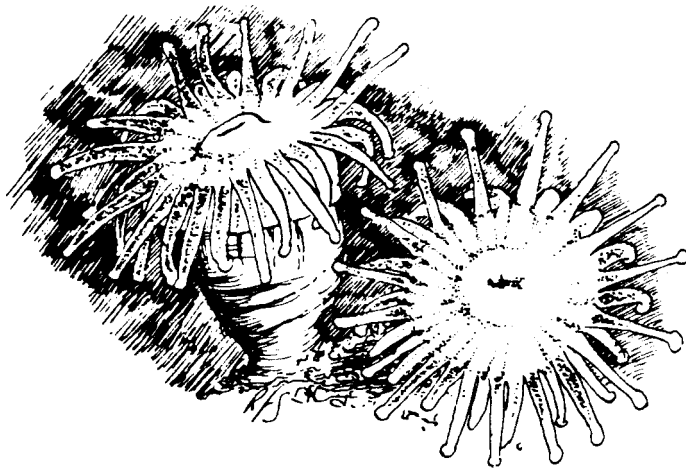
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## CNIDARIA

## INTRODUCTION

The phylum Cnidaria has been divided into two major taxa, the Medusozoa and the Anthozoa which were proposed as sub-phyla by Petersen (1979). However, some authorities regard the Medusozoa as polyphyletic, recognizing Hydrozoa and Scyphozoa separately, and this division is followed here.

The higher classification of the Hydrozoa and Scyphozoa has been the subject of considerable discussion in recent years, prompted in part by the merging of medusoid and hydroid forms within a single scheme. This has been summarised by Cornelius (1995a) who follows a classification based principally on Bouillon (1985) and raises the groupings of Scyphozoa and Hydrozoa to the level of superclass. The Hydrozoa are divided into two major groups, the class Siphonophora and class Leptolida with the latter divided into seven subclasses. Of these subclasses, two have been given composite and perhaps unfamiliar names: Anthoathecatae results from merging the Athecata with the Anthomedusae whilst Leptothecatae comes from the merging of the Leptomedusae with the Thecata. This classification has been adopted here and the list of Leptothecatae largely follows that given in Cornelius (1995a & b) which supersede Hincks (1868) as the standard identification texts for these taxa in west European waters. Major source references for other parts of the hydrozoan list include Hincks (1868), Allman (1872), Russell (1953, 1970) and Cornelius *et al.* (1990, 1995). The nomenclature of the Leptolida, despite having undergone considerable revision in recent years as the life cycles of many species have been elucidated, is far from stable and further changes can be expected.

The higher classification of the Siphonophora which has been adopted here follows that proposed by Cornelius (1995a). The Siphonophora species list has been taken from Kirkpatrick and Pugh (1984) and reference should be made to this for identification purposes. Additional data on distribution were obtained from Fraser (1961, 1967) and Totton (1941, 1954). Synonyms of many of the generic and specific names are given in Mapstone and Arai (in press), whilst others are included in Totton (1965) and Sears (1953). The subfamily Nectopyramidinae was recently revised by Pugh (1992) and a revision of the family Apolemiidae is currently underway (Mapstone and Pugh, in preparation). A comprehensive review of siphonophore biology can be found in Mackie *et al.* (1987). The scyphozoan classification is based on Russell (1953, 1970) and Kramp (1961) whilst Uchida (1929) and Cornelius *et al.* (1990, 1995) were followed for the Stauromedusae.

The Anthozoa are an important and much better known group which is relatively stable, although there are continual additions to the fauna as little-known species and species known previously only from outside the area are recorded. Biochemical work is also resulting in the subdivision of familiar entities (see, for example, Haylor *et al.*, 1984; Quicke & Brace, 1984). The checklist largely follows Manuel (1983, 1988) which provide good descriptions of most of the British species. The nomenclature of the British Anthozoa still remains to be fully resolved; the synonymies given here are not necessarily complete.

The original version of the Cnidaria list in Howson (1987) was compiled by Bernard Picton, Christine Howson and Dick Manuel. The list has been substantially revised for this edition although certain sections have not been considered in any detail and undoubtedly require further revision by taxonomists. The revised sections include the Stauromedusae (following Cornelius *et al.*, 1990), the Siphonophora (Gill Mapstone), the Leptothecatae (Paul Cornelius) and the Anthozoa (Ray Williams).

## CLASSIFICATION

## Phylum CNIDARIA

## Superclass SCYPHOZOA

## Class STAUROMEDUSAE

Family Cleistocarpidae ..... D4

Family Eleutherocarpidae ..... D9

## Class SCYPHOMEDUSAE

## Order CORONATA

Family Nausithoidae ..... D21

Family Atollidae ..... D25

Family Paraphyllinidae ..... D30

Family Periphyllidae ..... D33

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|   |      |
|---|------|
| Order <b>SEMAEOSTOMEA</b>               |      |
| Family <b>Pelagiidae</b> .....          | D37  |
| Family <b>Cyaneidae</b> .....           | D42  |
| Family <b>Ulmaridae</b> .....           | D46  |
| Order <b>RHIZOSTOMEA</b>                |      |
| Family <b>Rhizostomatidae</b> .....     | D50  |
| Superclass <b>HYDROZOA</b>              |      |
| Class <b>SIPHONOPHORA</b>               |      |
| Order <b>CYSTONECTA</b>                 |      |
| Family <b>Physaliidae</b> .....         | D61  |
| Order <b>PHYSONECTA</b>                 |      |
| Family <b>Apolemiidae</b> .....         | D65  |
| Family <b>Agalmatidae</b> .....         | D68  |
| Family <b>Physophoridae</b> .....       | D73  |
| Family <b>Forskaliidae</b> .....        | D76  |
| Order <b>CALYCOPHORA</b>                |      |
| Family <b>Prayidae</b> .....            | D80  |
| Subfamily <b>Amphicaryoninae</b> .....  | D81  |
| Subfamily <b>Prayinae</b> .....         | D84  |
| Subfamily <b>Nectopyramidinae</b> ..... | D90  |
| Family <b>Hippopodiidae</b> .....       | D93  |
| Family <b>Diphyidae</b> .....           | D101 |
| Subfamily <b>Sulculeolariinae</b> ..... | D102 |
| Subfamily <b>Diphyinae</b> .....        | D106 |
| Family <b>Clausophyidae</b> .....       | D123 |
| Family <b>Sphaeronectidae</b> .....     | D126 |
| Family <b>Abylidae</b> .....            | D129 |
| Class <b>LEPTOLIDA</b>                  |      |
| Subclass <b>ANTHOATHECATAE</b>          |      |
| Order <b>CAPITATA</b>                   |      |
| Family <b>Acaulidae</b> .....           | D142 |
| Family <b>Hydridae</b> .....            | D145 |
| Family <b>Boreohydridae</b> .....       | D148 |
| Family <b>Corymorphidae</b> .....       | D153 |
| Family <b>Tubulariidae</b> .....        | D158 |
| Family <b>Margelopsidae</b> .....       | D168 |
| Family <b>Corynidae</b> .....           | D171 |
| Family <b>Velellidae</b> .....          | D194 |
| Family <b>Cladonemidae</b> .....        | D197 |
| Family <b>Eleutheriidae</b> .....       | D200 |
| Family <b>Myriothelidae</b> .....       | D203 |
| Family <b>Ptilocodiidae</b> .....       | D206 |
| Family <b>Zanclidae</b> .....           | D209 |
| Order <b>FILIFERA</b>                   |      |
| Family <b>Eudendriidae</b> .....        | D217 |
| Family <b>Pandeiidae</b> .....          | D229 |
| Family <b>Bougainvilliidae</b> .....    | D246 |
| Family <b>Rathkeidae</b> .....          | D268 |
| Family <b>Hydractiniidae</b> .....      | D271 |
| Family <b>Clavidae</b> .....            | D281 |
| Family <b>Trychydridae</b> .....        | D292 |
| Subclass <b>LEPTOTHECATAE</b>           |      |
| Order <b>CONICA</b>                     |      |
| Suborder <b>CAMPANULINIDA</b>           |      |
| Superfamily <b>LAODICEOIDEA</b>         |      |
| Family <b>Laodiceidae</b> .....         | D299 |
| Family <b>Tiarannidae</b> .....         | D304 |
| Superfamily <b>DIPLEUROSOMATOIDEA</b>   |      |
| Family <b>Dipleurosomatidae</b> .....   | D308 |
| Family <b>Melicertidae</b> .....        | D311 |

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|  |      |
|--|------|
| Superfamily <b>MITROCOMOIDEA</b>         |      |
| Family <b>Mitrocomidae</b> .....         | D315 |
| Family <b>Tiaropsidae</b> .....          | D325 |
| Superfamily <b>LOVENELLOIDEA</b>         |      |
| Family <b>Eucheilotidae</b> .....        | D331 |
| Family <b>Lovenellidae</b> .....         | D334 |
| Superfamily <b>CAMPANULINOIDEA</b>       |      |
| Family <b>Phialellidae</b> .....         | D339 |
| Family <b>Campanulinidae</b> .....       | D344 |
| Family <b>Aequoreidae</b> .....          | D354 |
| Family <b>Malagazziidae</b> .....        | D360 |
| Superfamily <b>EIRENOIDEA</b>            |      |
| Family <b>Eirenidae</b> .....            | D364 |
| Suborder <b>LAFOEIDA</b>                 |      |
| Superfamily <b>LAFOEOIDEA</b>            |      |
| Family <b>Lafoeidae</b> .....            | D380 |
| Suborder <b>HALECIIDA</b>                |      |
| Superfamily <b>HALECIOIDEA</b>           |      |
| Family <b>Haleciidae</b> .....           | D389 |
| Suborder <b>PLUMULARIIDA</b>             |      |
| Superfamily <b>SERTULARIOIDEA</b>        |      |
| Family <b>Sertulariidae</b> .....        | D407 |
| Superfamily <b>PLUMULARIOIDEA</b>        |      |
| Family <b>Plumulariidae</b> .....        | D447 |
| Subfamily <b>Halopteriinae</b> .....     | D448 |
| Subfamily <b>Kirchenpaueriinae</b> ..... | D453 |
| Subfamily <b>Plumulariinae</b> .....     | D459 |
| Family <b>Aglaopheniidae</b> .....       | D475 |
| Order <b>PROBOSCOIDA</b>                 |      |
| Suborder <b>CAMPANULARIIDA</b>           |      |
| Superfamily <b>CAMPANULARIOIDEA</b>      |      |
| Family <b>Campanulariidae</b> .....      | D491 |
| Subfamily <b>Campanulariinae</b> .....   | D492 |
| Subfamily <b>Clytiinae</b> .....         | D500 |
| Subfamily <b>Obeliinae</b> .....         | D506 |
| Subclass <b>LIMNOMEDUSAE</b>             |      |
| Family <b>Proboscidaetylidae</b> .....   | D523 |
| Family <b>Olindiidae</b> .....           | D528 |
| Subclass <b>NARCOMEDUSAE</b>             |      |
| Family <b>Cuninidae</b> .....            | D539 |
| Family <b>Aeginidae</b> .....            | D542 |
| Family <b>Halammohydridae</b> .....      | D547 |
| Family <b>Solmaridae</b> .....           | D556 |
| Subclass <b>TRACHYMEDUSAE</b>            |      |
| Family <b>Geryonidae</b> .....           | D560 |
| Family <b>Rhopalonematidae</b> .....     | D563 |
| Family <b>Halicereidae</b> .....         | D576 |
| Superclass <b>ANTHOZOA</b>               |      |
| Class <b>OCTOCORALLIA</b>                |      |
| Order <b>STOLONIFERA</b>                 |      |
| Family <b>Cornulariidae</b> .....        | D586 |
| Family <b>Clavulariidae</b> .....        | D591 |
| Order <b>ALCYONACEA</b>                  |      |
| Family <b>Acyoniidae</b> .....           | D595 |
| Family <b>Maasellidae</b> .....          | D602 |
| Order <b>GORGONACEA</b>                  |      |
| Family <b>Paramuriceidae</b> .....       | D606 |
| Family <b>Plexauridae</b> .....          | D609 |
| Order <b>PENNATULACEA</b>                |      |
| Family <b>Funiculinidae</b> .....        | D613 |



|              |                                      |      |
|--------------|--------------------------------------|------|
|              | Family <b>Virgulariidae</b> .....    | D616 |
|              | Family <b>Pennatulidae</b> .....     | D621 |
|              | Family <b>Cavernulariidae</b> .....  | D624 |
| <b>Class</b> | <b>HEXACORALLIA</b>                  |      |
|              | Order <b>CERIANTHARIA</b>            |      |
|              | Suborder <b>SPIRULARIA</b>           |      |
|              | Family <b>Cerianthidae</b> .....     | D630 |
|              | Suborder <b>PENICILLARIA</b>         |      |
|              | Family <b>Arachnactidae</b> .....    | D637 |
|              | Order <b>ANTIPATHARIA</b>            |      |
|              | Family <b>Antipathiidae</b> .....    | D643 |
|              | Order <b>ZOANTHARIA</b>              |      |
|              | Family <b>Epizoanthidae</b> .....    | D647 |
|              | Family <b>Parazoanthidae</b> .....   | D653 |
|              | Order <b>ACTINIARIA</b>              |      |
|              | Suborder <b>PROTANTHEAE</b>          |      |
|              | Family <b>Gonactiniidae</b> .....    | D664 |
|              | Family <b>Andresiidae</b> .....      | D669 |
|              | Suborder <b>NYNANTHEAE</b>           |      |
|              | Family <b>Actiniidae</b> .....       | D673 |
|              | Family <b>Aurelianiidae</b> .....    | D690 |
|              | Family <b>Actinostolidae</b> .....   | D693 |
|              | Family <b>Aiptasiidae</b> .....      | D698 |
|              | Family <b>Diadumenidae</b> .....     | D703 |
|              | Family <b>Metridiidae</b> .....      | D708 |
|              | Family <b>Sagartiidae</b> .....      | D711 |
|              | Family <b>Isophelliidae</b> .....    | D725 |
|              | Family <b>Hormathiidae</b> .....     | D728 |
|              | Family <b>Halcampoididae</b> .....   | D746 |
|              | Family <b>Haloclavidae</b> .....     | D749 |
|              | Family <b>Halcampidae</b> .....      | D756 |
|              | Family <b>Edwardsiidae</b> .....     | D759 |
|              | Order <b>CORALLIMORPHARIA</b>        |      |
|              | Family <b>Corallimorphidae</b> ..... | D773 |
|              | Order <b>SCLERACTINIA</b>            |      |
|              | Family <b>Oculinidae</b> .....       | D777 |
|              | Family <b>Caryophylliidae</b> .....  | D780 |
|              | Family <b>Flabellidae</b> .....      | D790 |
|              | Family <b>Guyniidae</b> .....        | D793 |
|              | Family <b>Dendrophylliidae</b> ..... | D796 |

**Phylum CNIDARIA**

|     |                                      |  |
|-----|--------------------------------------|--|
| D1  | <b>CNIDARIA</b>                      | Taxonomy of medusae is based largely on Russell (1953, 1970) and Kramp (1961). |
| D2  | <b>SCYPHOZOA</b>                     |  |
| D3  | <b>STAUROMEDUSAE</b>                 | See Uchida (1929), Clark (1863).   |
| D4  | Cleistocarpidae                      |  |
| D5  | <i>Craterolophus</i> Clark, 1863     |  |
| D6  | <i>convolvulus</i> (Johnston, 1835)  |  |
| D7  | <i>Depastrum</i> Gosse, 1858         |  |
| D8  | <i>cyathiforme</i> (M Sars, 1846)    |  |
| D9  | Eleutherocarpidae                    |  |
| D10 | <i>Haliclystus</i> Clark, 1863       |  |
| D11 | <i>auricula</i> (Rathke, 1806)       | (non Fabricius, 1780).   |
| D12 | <i>salpinx</i> Clark, 1863           | See Berrill (1962).  |
| D13 | <i>Lucernaria</i> O F Müller, 1776   |  |
| D14 | <i>bathyphila</i> Haeckel, 1880      | See Haeckel (1881).  |
| D15 | <i>quadriformis</i> O F Müller, 1776 | <i>L. fascicularis</i> in Johnston (1847).                                     |
| D16 | <i>Lucernariopsis</i> Uchida, 1929   |  |
| D17 | <i>campanulata</i> (Lamouroux, 1815) | <i>Lucernaria discoidea</i> in Eales (1938).                                   |
| D18 | <i>cruxmelitensis</i> Corbin, 1978   |  |
| D19 | <b>SCYPHOMEDUSAE</b>                 |  |
| D20 | <b>CORONATA</b>                      | Based on Russell (1970). Probably mostly found over deep water.                |
| D21 | Nausithoidae                         |  |
| D22 | <i>Nausithoe</i> Kölliker, 1853      |  |
| D23 | <i>atlantica</i> Broch, 1913         |  |
| D24 | <i>globifera</i> Broch, 1913         |  |

|      |   |  |
|------|---|--|
| D25  | Atollidae   |  |
| D26  | <i>Atolla</i> Haeckel, 1880                         |  |
| D27  | <i>parva</i> Russell, 1958                          |  |
| D28  | <i>vanhoeffeni</i> Russell, 1957                    |  |
| D29  | <i>wyvillei</i> Haeckel, 1880                       |  |
| D30  | Paraphyllinidae                                     |  |
| D31  | <i>Paraphyllina</i> Maas, 1903                      |  |
| D32  | <i>ransoni</i> Russell, 1956                        |  |
| D33  | Periphyllidae                                       |  |
| D34  | <i>Periphylla</i> Haeckel, 1880                     |  |
| D35  | <i>periphylla</i> (Péron & Lesueur, 1810)           |  |
| D36  | <b>SEMAEOSTOMEA</b>                                 |  |
| D37  | Pelagiidae  |  |
| D38  | <i>Pelagia</i> Péron & Lesueur, 1810                |  |
| D39  | <i>noctiluca</i> (Forsskål, 1775)                   |  |
| D40  | <i>Chrysaora</i> Péron & Lesueur, 1810              |  |
| D41  | <i>hysoscella</i> (Linnaeus, 1766)                  |  |
| D42  | Cyaneidae   |  |
| D43  | <i>Cyanea</i> Péron & Lesueur, 1810                 |  |
| D44  | <i>capillata</i> (Linnaeus, 1758)                   |  |
| D45  | <i>lamarckii</i> Péron & Lesueur, 1810              |  |
| D46  | Ulmaridae   |  |
| D47  | <i>Aurelia</i> Lamarck, 1816                        |  |
| D48  | <i>aurita</i> (Linnaeus, 1758)                      |  |
| D49  | <b>RHIZOSTOMEA</b>                                  |  |
| D50  | Rhizostomatidae                                     |  |
| D51  | <i>Rhizostoma</i> Cuvier, 1800                      |  |
| D52  | <i>octopus</i> (Linnaeus, 1758)                     |  |
| D53  | <i>Incertae sedis</i>                               |  |
| D54  | <i>Tetraplatia</i> Busch, 1851                      |  |
| D55  | <i>volitans</i> Busch, 1851                         |  |
| D56  | <i>Stylocoronella</i> Salvini-Plawen, 1966          |  |
| D57  | <i>variabilis</i> Salvini-Plawen, 1987              |  |
| D58  | <b>HYDROZOA</b>                                     |  |
| D59  | <b>SIPHONOPHORA</b>                                 | Based on Kirkpatrick & Pugh (1984).                                      |
| D60  | <b>CYSTONECTA</b>                                   |  |
| D61  | Physaliidae   |  |
| D62  | <i>Physalia</i> Lamarck, 1801                       |  |
| D63  | <i>physalis</i> (Linnaeus, 1758)                    |  |
| D64  | <b>PHYSONECTA</b>                                   |  |
| D65  | Apolemiidae   |  |
| D66  | <i>Apolemia</i> Eschscholtz, 1829                   |  |
| D67  | <i>uvara</i> (Lesueur, 1815)                        | Taxonomic status under review.   |
| D68  | Agalmatidae   |  |
| D69  | <i>Agalma</i> Eschscholtz, 1825                     |  |
| D70  | <i>elegans</i> (M Sars, 1846)                       | Synonyms in Mapstone & Arai (in press).                                  |
| D71  | <i>Nanomia</i> A Agassiz, 1865                      |  |
| D72  | <i>cara</i> A Agassiz, 1865                         | <i>Stephanomia cara</i> . See Totton (1965).                             |
| D73  | Physophoridae                                       |  |
| D74  | <i>Physophora</i> Forsskål, 1775                    |  |
| D75  | <i>hydrostatica</i> Forsskål, 1775                  |  |
| D76  | Forskaliidae  |  |
| D77  | <i>Forskalia</i> Kölliker, 1853                     |  |
| D78  | <i>edwardsi</i> Kölliker, 1853                      | <i>F. contorta</i> . See Totton (1965).                                  |
| D79  | <b>CALYCOPHORA</b>                                  |  |
| D80  | Prayidae  |  |
| D81  | Amphicaryoninae                                     |  |
| D82  | <i>Amphicaryon</i> Chun, 1888                       |  |
| D83  | <i>acaule</i> Chun, 1888                            | Synonyms in Mapstone & Arai (in press).                                  |
| D84  | Prayinae  |  |
| D85  | <i>Rosacea</i> sensu Bigelow, 1911                  |  |
| D86  | <i>cymbiformis</i> (delle Chiaje, 1822)             | Synonyms in Mapstone & Arai (in press).                                  |
| D87  | <i>plicata</i> sensu Bigelow, 1911                  | Synonyms in Mapstone & Arai (in press).                                  |
| D88  | <i>Praya</i> Quoy & Gaimard, in de Blainville, 1834 |  |
| D89  | <i>dubia</i> (Quoy & Gaimard, 1833)                 | Synonyms in Mapstone & Arai (in press).                                  |
| D90  | Nectopyramidinae                                    |  |
| D91  | <i>Nectopyramis</i> Bigelow, 1911                   |  |
| D92  | <i>thetis</i> Bigelow, 1911                         | <i>N. spinosa</i> in part. See Pugh (1992) & Mapstone & Arai (in press). |
| D93  | Hippopodiidae                                       |  |
| D94  | <i>Hippopodius</i> Quoy & Gaimard, 1827             |  |
| D95  | <i>hippopus</i> (Forsskål, 1776)                    | Synonyms in Totton (1965).   |
| D96  | <i>Vogtia</i> Kölliker, 1853                        |  |
| D97  | <i>glabra</i> Bigelow, 1918                         |  |
| D98  | <i>pentacantha</i> Kölliker, 1853                   | Synonyms in Mapstone & Arai (in press).                                  |
| D99  | <i>serrata</i> (Moser, 1925)                        | Synonyms in Mapstone & Arai (in press).                                  |
| D100 | <i>spinosa</i> Keferstein & Ehlers, 1861            | Synonyms in Mapstone & Arai (in press).                                  |
| D101 | Diphyidae   |  |
| D102 | Sulculeolariinae                                    |  |
| D103 | <i>Sulculeolaria</i> de Blainville, 1834            |  |
| D104 | <i>biloba</i> (M Sars, 1846)                        | <i>Galeolaria australis</i> . See Totton (1965).                         |
| D105 | <i>quadrivalvis</i> de Blainville, 1834             | Synonyms in Mapstone & Arai (in press).                                  |
| D106 | Diphyinae   |  |
| D107 | <i>Lensia</i> Totton, 1932                          |  |
| D108 | <i>conoidea</i> (Keferstein & Ehlers, 1860)         | Synonyms in Mapstone & Arai (in press).                                  |
| D109 | <i>fowleri</i> (Bigelow, 1911)                      |  |
| D110 | <i>hotspur</i> Totton, 1941                         | Synonyms in Totton (1965).   |
| D111 | <i>meteori</i> (Leloup, 1934)                       | Synonyms in Totton (1965).   |
| D112 | <i>multicristata</i> (Moser, 1925)                  | Synonyms in Mapstone & Arai (in press).                                  |

|      |  |   |
|------|--|---|
| D113 | <i>subtilis</i> (Chun, 1886)                   | Synonyms in Totton (1965).  |
| D114 | <i>Muggiaea</i> Busch, 1851                    |   |
| D115 | <i>atlantica</i> Cunningham, 1892              | Synonyms in Mapstone & Arai (in press).   |
| D116 | <i>kochi</i> (Will, 1844)                      | Synonyms in Totton (1965).  |
| D117 | <i>Dimophyes</i> Moser, 1925                   |   |
| D118 | <i>arctica</i> (Chun, 1897)                    | Synonyms in Mapstone & Arai (in press).   |
| D119 | <i>Chelophyes</i> Totton, 1932                 |   |
| D120 | <i>appendiculata</i> (Eschscholtz, 1829)       | Synonyms in Mapstone & Arai (in press).   |
| D121 | <i>Eudoxoides</i> Huxley, 1859                 |   |
| D122 | <i>spiralis</i> (Bigelow, 1911)                | Synonyms in Totton (1965).  |
| D123 | Clausophyidae                                  |   |
| D124 | <i>Chuniphyes</i> Lens & van Riemsdijk, 1908   |   |
| D125 | <i>multidentata</i> Lens & van Riemsdijk, 1908 | Synonyms in Mapstone & Arai (in press).   |
| D126 | Sphaeronectidae                                |   |
| D127 | <i>Sphaeronectes</i> Huxley, 1859              |   |
| D128 | <i>gracilis</i> (Claus, 1873)                  | Synonyms in Mapstone & Arai (in press).   |
| D129 | Abylidae                                       |   |
| D130 | <i>Ceratocymba</i> Chun, 1888                  |   |
| D131 | <i>sagittata</i> (Quoy & Gaimard, 1827)        | Synonyms in Sears (1953).   |
| D132 | <i>Abylopsis</i> Chun, 1888                    |   |
| D133 | <i>tetragona</i> (Otto, 1823)                  | Synonyms in Sears (1953).   |
| D134 | <i>Bassia</i> L Agassiz, 1862                  |   |
| D135 | <i>bassensis</i> (Quoy & Gaimard, 1833)        | Synonyms in Sears (1953).   |
| D136 | <i>Enneagonum</i> Quoy & Gaimard, 1827         |   |
| D137 | <i>hyalinum</i> Quoy & Gaimard, 1827           | Synonyms in Sears (1953).   |
| D138 | <b>LEPTOLIDA</b>                               |   |
| D139 | <b>ACTINULIDAE</b>                             |   |
| D140 | <b>ANTHOATHECATAE</b>                          | Interstitial. Sub-class currently has two genera.   |
| D141 | CAPITATA                                       |   |
| D142 | Acaulidae                                      |   |
| D143 | <i>Acauloides</i> Bouillon, 1965               |   |
| D144 | <i>ammisatum</i> Bouillon, 1965                | See Bouillon (1971).  |
| D145 | Hydridae                                       |   |
| D146 | <i>Protohydra</i>                              |   |
| D147 | <i>leuckarti</i> Greef                         | Brackish pools and ditches, Plymouth area and north Norfolk.<br>Formerly placed in Corymorphidae.       |
| D148 | Boreohydridae                                  |   |
| D149 | <i>Boreohydra</i> Westblad, 1937               |   |
| D150 | <i>simplex</i> Westblad, 1937                  | See Westblad (1953).  |
| D151 | <i>Meiorhopalon</i> Salvini-Plawen, 1987       |   |
| D152 | <i>arenicolum</i> Salvini-Plawen, 1987         |   |
| D153 | Corymorphidae                                  |   |
| D154 | <i>Corymorpha</i> M Sars, 1835                 |   |
| D155 | <i>nutans</i> M Sars, 1835                     |   |
| D156 | <i>Euphysa</i> Forbes, 1848                    |   |
| D157 | <i>aurata</i> Forbes, 1848                     |   |
| D158 | Tubulariidae                                   |   |
| D159 | <i>Ectopleura</i> L Agassiz, 1862              |   |
| D160 | <i>dumortieri</i> (van Beneden, 1844)          |   |
| D161 | <i>Hybocodon</i> L Agassiz, 1862               |   |
| D162 | <i>prolifer</i> L Agassiz, 1862                |   |
| D163 | <i>Tubularia</i> Linnaeus, 1758                |   |
| D164 | <i>bellis</i> Allman, 1865                     |   |
| D165 | <i>crocea</i> (L Agassiz, 1862)                |   |
| D166 | <i>indivisa</i> Linnaeus, 1758                 |   |
| D167 | <i>larynx</i> Ellis & Solander, 1786           |   |
| D168 | Margelopsidae                                  |   |
| D169 | <i>Margelopsis</i> Hartlaub, 1897              |   |
| D170 | <i>haeckeli</i> Hartlaub, 1897                 |   |
| D171 | Corynidae                                      |   |
| D172 | <i>Coryne</i> Gaertner, 1774                   |   |
| D173 | <i>muscoides</i> (Linnaeus)                    | May be <i>Coryne vaginata</i> of Hincks.  |
| D174 | <i>pintneri</i> Schneider, 1897                |   |
| D175 | <i>pusilla</i> Gaertner, 1774                  |   |
| D176 | <i>Dipurena</i> McCrady, 1858                  |   |
| D177 | <i>halterata</i> (Forbes, 1846)                | See Teissier (1965), Bouillon (1971).   |
| D178 | <i>ophiogaster</i> Haeckel, 1879               | As above.   |
| D179 | <i>simulans</i> Bouillon, 1965                 | See Bouillon (1971).  |
| D180 | <i>Sarsia</i> Lesson, 1843                     | See Edwards (1978).   |
| D181 | <i>densa</i> Edwards, 1983                     |   |
| D182 | <i>eximia</i> (Allman, 1859)                   |   |
| D183 | <i>gemmifera</i> Forbes, 1848                  | Hydroid not known.  |
| D184 | <i>lovenii</i> (M Sars, 1847)                  | <i>Syncoryne gravata</i> Wright.  |
| D185 | <i>occulta</i> Edwards, 1978                   |   |
| D186 | <i>piriforma</i> Edwards, 1983                 |   |
| D187 | <i>prolifera</i> Forbes, 1848                  | Hydroid not known.  |
| D188 | <i>striata</i> Edwards, 1983                   |   |
| D189 | <i>tubulosa</i> (M Sars, 1835)                 | <i>Syncoryne decipiens</i> (Dujardin); <i>Syncoryne sarsii</i> (Lovén);<br><i>Syncoryne pulchella</i> . |
| D190 | <i>Stauridiosarsia</i> Mayer, 1910             |   |
| D191 | <i>producta</i> (Wright, 1858)                 |   |
| D192 | <i>Staurocoryne</i>                            |   |
| D193 | <i>filiformis</i> Rees, 1936                   |   |
| D194 | Veilellidae                                    | Formerly placed in a separate class, Chondrophora. See Kirkpatrick & Pugh (1984).                       |
| D195 | <i>Veilella</i>                                |   |
| D196 | <i>veilella</i> (Linnaeus, 1758)               | <i>V. spirans</i> .   |
| D197 | Cladonemidae                                   |   |
| D198 | <i>Cladonema</i> Dujardin, 1843                |   |
| D199 | <i>radiata</i> Dujardin, 1843                  | See Teissier (1965).  |
| D200 | Eleutheriidae                                  |   |

|      |  |   |
|------|--|---|
| D201 | <i>Eleutheria</i> de Quatrefages, 1842         |   |
| D202 | <i>dichotoma</i> de Quatrefages, 1842          |   |
| D203 | Myriotheleidae                                 |   |
| D204 | <i>Candelabrum</i> de Blainville, 1880         |   |
| D205 | <i>phrygium</i> (Fabricius, 1780)              | <i>Myriothele cocksi</i> (Vigurs); <i>Arum cocksi</i> of Teissier (1965). |
| D206 | Ptilocodiidae                                  |   |
| D207 | <i>Thecocodium</i>                             |   |
| D208 | <i>brieri</i> Bouillon, 1967                   |   |
| D209 | Zanclaeidae                                    |   |
| D210 | <i>Zanclaea</i> Gegenbaur, 1856                | The following may all be the same species.                                |
| D211 | <i>costata</i> Gegenbaur, 1856                 |   |
| D212 | <i>implexa</i> (Alder, 1857)                   |   |
| D213 | <i>sessilis</i> (Gosse, 1853)                  |   |
| D214 | <i>Eucodonium</i> Hartlaub, 1907               |   |
| D215 | <i>brownei</i> Hartlaub, 1907                  |   |
| D216 | FILIFERA                                       |   |
| D217 | Eudendriidae                                   |   |
| D218 | <i>Eudendrium</i> Ehrenberg, 1832              | Genus requires taxonomic revision. Nominal species are listed.            |
| D219 | <i>album</i> Nutting, 1898                     |   |
| D220 | <i>annulatum</i> Norman, 1864                  |   |
| D221 | <i>arbusculum</i> Wright, 1859                 |   |
| D222 | <i>capillare</i> Alder, 1857                   |   |
| D223 | <i>glomeratum</i> Picard, 1951                 |   |
| D224 | <i>insigne</i> Hincks                          |   |
| D225 | <i>octodonta</i> (Linnaeus, 1758)              |   |
| D226 | <i>rameum</i> (Pallas, 1766)                   |   |
| D227 | <i>ramosum</i> (Linnaeus, 1758)                | Probably a species complex.   |
| D228 | <i>teissieri</i> Cabioch, 1970                 |   |
| D229 | Pandeiidae                                     |   |
| D230 | <i>Amphinema</i> Haeckel, 1879                 |   |
| D231 | <i>dinema</i> (Péron & Lesueur, 1910)          | <i>Perigonimus serpens</i> (Wright).                                      |
| D232 | <i>rugosum</i> (Mayer, 1900)                   |   |
| D233 | <i>Annatiara</i> Russell, 1940                 |   |
| D234 | <i>affinis</i> (Hartlaub, 1914)                |   |
| D235 | <i>Bythotiara</i> Gunther, 1903                |   |
| D236 | <i>murrayi</i> Gunther, 1903                   |   |
| D237 | <i>Leuckartiara</i> Hartlaub, 1914             |   |
| D238 | <i>breviconis</i> (Murbach & Shearer, 1902)    |   |
| D239 | <i>nobilis</i> Hartlaub, 1914                  |   |
| D240 | <i>octona</i> (Fleming, 1823)                  | <i>Perigonimus repens</i> (Wright); <i>Perigonimus sessilis</i> (Wright). |
| D241 | <i>Neoturris</i> Hartlaub, 1914                |   |
| D242 | <i>pileata</i> (Forsskål, 1775)                |   |
| D243 | <i>Pandea</i> Lesson, 1843                     |   |
| D244 | <i>conica</i> (Quoy & Gaimard, 1827)           |   |
| D245 | <i>rubra</i> Bigelow, 1913                     |   |
| D246 | Bougainvilliidae                               |   |
| D247 | <i>Aselomaris</i>                              |   |
| D248 | <i>arenosa</i> (Alder, 1863)                   |   |
| D249 | <i>Bimeria</i> Wright, 1859                    |   |
| D250 | <i>vestita</i> Wright, 1859                    |   |
| D251 | <i>Bougainvillia</i> Lesson, 1830              | See Vanucci & Rees (1961); Edwards (1966).                                |
| D252 | <i>britannica</i> (Forbes, 1841)               |   |
| D253 | <i>macloviana</i> Lesson, 1830                 |   |
| D254 | <i>muscoides</i> (M Sars, 1846)                | <i>B. nordgaardi</i> (Browne, 1903).                                      |
| D255 | <i>principis</i> (Steenstrup in Lütken, 1850)  |   |
| D256 | <i>pyramidata</i> (Forbes & Goodsir, 1851)     |   |
| D257 | <i>ramosa</i> (van Beneden, 1844)              |   |
| D258 | <i>superciliaris</i> (L Agassiz, 1849)         |   |
| D259 | <i>Clavopsella</i> Stechow, 1919               |   |
| D260 | <i>navis</i> (Millard, 1959)                   |   |
| D261 | <i>Dicoryne</i> Allman, 1859                   |   |
| D262 | <i>conferta</i> (Alder, 1857)                  |   |
| D263 | <i>conybeari</i> (Allman, 1864)                |   |
| D264 | <i>Garveia</i> Wright, 1859                    |   |
| D265 | <i>nutans</i> Wright, 1859                     |   |
| D266 | <i>Lizzia</i> Forbes, 1849                     |   |
| D267 | <i>blondina</i> (Forbes, 1848)                 |   |
| D268 | Rathkeidae                                     |   |
| D269 | <i>Rathkea</i> Brandt, 1837                    |   |
| D270 | <i>octopunctata</i> (M Sars, 1835)             |   |
| D271 | Hydractiniidae                                 |   |
| D272 | <i>Hydractinia</i> van Beneden, 1843           |   |
| D273 | <i>echinata</i> (Fleming, 1828)                |   |
| D274 | <i>fucicola</i> (M Sars, 1846)                 |   |
| D275 | <i>Podocoryne</i> M Sars, 1846                 |   |
| D276 | <i>areolata</i> (Alder, 1862)                  | <i>P. hartlaubi</i> Neppi & Stiasny, 1913.                                |
| D277 | <i>camea</i> M Sars, 1846                      |   |
| D278 | <i>minima</i> (Trinci, 1903)                   |   |
| D279 | <i>Stylactis</i> Allman, 1864                  |   |
| D280 | <i>claviformis</i> Bouillon, in Teissier, 1965 | See Bouillon (1971).  |
| D281 | Clavidae                                       |   |
| D282 | <i>Clava</i> Gmelin, 1790                      |   |
| D283 | <i>multicornis</i> (Forsskål, 1775)            | See Edwards & Harvey (1975). <i>Clava squamata</i> is conspecific.        |
| D284 | <i>Cordylophora</i> Allman, 1844               |   |
| D285 | <i>caspia</i> (Pallas, 1766)                   | <i>C. lacustris</i> Allman, 1844 is conspecific.                          |
| D286 | <i>Merona</i> Norman, 1865                     |   |
| D287 | <i>cornucopiae</i> (Norman, 1864)              |   |
| D288 | <i>Tubiclava</i> Allman, 1863                  |   |
| D289 | <i>lucerna</i> Allman, 1863                    |   |

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| D290 | <i>Turritopsis</i> McCrady, 1856         |  |
| D291 | <i>nutricula</i> McCrady, 1858           | <i>Turris neglecta</i> of Hincks.  |
| D292 | Trychydridae                             |  |
| D293 | <i>Trichydra</i> Wright, 1858            |  |
| D294 | <i>pubica</i> Wright, 1858               |  |
| D295 | <b>LEPTOTHECATAE</b>                     | Classification of this group follows Cornelius (1995a, b).   |
| D296 | <b>CONICA</b>                            |  |
| D297 | <b>CAMPANULINIDA</b>                     |  |
| D298 | <b>LAODICEOIDEA</b>                      |  |
| D299 | Laodiceidae                              |  |
| D300 | <i>Laodicea</i> Lesson, 1843             |  |
| D301 | <i>undulata</i> (Forbes & Goodsir, 1851) |  |
| D302 | <i>Staurophora</i> Brandt, 1834          |  |
| D303 | <i>mertensii</i> Brandt, 1834            | Possibly <i>Cuspidella humilis</i> of Hincks (1866) (hydroid).   |
| D304 | Tiarannidae                              |  |
| D305 | <i>Modeeria</i> Forbes, 1848             |  |
| D306 | <i>rotunda</i> (Quoy & Gaimard, 1827)    | Hydroid formerly called <i>Stegopoma fastigiatum</i> (Alder, 1860).  |
| D307 | <b>DIPLEUROSOMATOIDEA</b>                |  |
| D308 | Dipleurosomatidae                        |  |
| D309 | <i>Dipleurosoma</i> Boeck, 1866          |  |
| D310 | <i>typicum</i> Boeck, 1866               | Hydroid poorly known (Cornelius, 1995a).   |
| D311 | Melicertidae                             |  |
| D312 | <i>Melicertum</i> L Agassiz, 1862        |  |
| D313 | <i>octocostatum</i> (M Sars, 1835)       |  |
| D314 | <b>MITROCOMOIDEA</b>                     |  |
| D315 | Mitrocomidae                             |  |
| D316 | <i>Cosmetira</i> Forbes, 1848            |  |
| D317 | <i>pilosella</i> (Forbes, 1848)          | Possibly <i>Cuspidella grandis</i> Hincks (hydroid stage).   |
| D318 | <i>Cyclocanna</i> Bigelow, 1918          |  |
| D319 | <i>welshi</i> Bigelow, 1918              | An oceanic species, not yet recorded from inshore British waters.  |
| D320 | <i>Halopsis</i> A Agassiz, 1863          |  |
| D321 | <i>ocellata</i> A Agassiz, 1863          |  |
| D322 | <i>Mitrocomella</i> Haeckel, 1879        |  |
| D323 | <i>brownei</i> (Kramp, 1930)             |  |
| D324 | <i>polydiademata</i> (Romanes, 1876)     |  |
| D325 | Tiaropsidae                              |  |
| D326 | <i>Tiaropsis</i> L Agassiz, 1850         |  |
| D327 | <i>multicirrata</i> (M Sars, 1835)       |  |
| D328 | <i>Cuspidella</i>                        |  |
| D329 | <i>spp.</i>                              | Nominal genus for unidentified hydroid stages of medusae of Laodiceidae, Tiarannidae, Mitrocomidae, Dipleurosomatidae and Tiaropsidae.   |
| D330 | <b>LOVENELLOIDEA</b>                     |  |
| D331 | Eucheilotidae                            |  |
| D332 | <i>Eucheilota</i> McCrady, 1859          |  |
| D333 | <i>maculata</i> Hartlaub, 1894           | <i>Campulina hincksi</i> Hartlaub, 1897.   |
| D334 | Lovenellidae                             |  |
| D335 | <i>Lovenella</i> Hincks, 1868            |  |
| D336 | <i>clausa</i> (Lovén, 1836)              | <i>Eucheilota hartlaubi</i> Russell, 1936.   |
| D337 | <i>producta</i> (G O Sars, 1874)         | Scandinavian species, not yet recorded from the British Isles.   |
| D338 | <b>CAMPANULINOIDEA</b>                   |  |
| D339 | Phialellidae                             |  |
| D340 | <i>Opercularella</i> Hincks, 1868        |  |
| D341 | <i>lacerata</i> (Johnston, 1847)         |  |
| D342 | <i>Phialella</i> Browne, 1902            |  |
| D343 | <i>quadrata</i> (Forbes, 1848)           |  |
| D344 | Campanulinidae                           |  |
| D345 | <i>Calycella</i> Allman, 1864            | <i>non Calicella</i> of Hincks (1859).   |
| D346 | <i>gracilis</i> Hartlaub, 1897           | May not be a valid species (Cornelius, 1995a).   |
| D347 | <i>hispida</i> (Nutting, 1898)           |  |
| D348 | <i>syringa</i> (Linnaeus, 1767)          | <i>Lafoea pygmaea</i> (Alder).   |
| D349 | <i>Campanulina</i> van Beneden, 1847     |  |
| D350 | <i>panicula</i> G O Sars, 1874           | Generic placement provisional. See Cornelius (1995a).  |
| D351 | <i>pumila</i> (Clarke, 1875)             | <i>Opercularella nana</i> . Separation from <i>Phialella quadrata</i> provisional. See Cornelius (1995a).  |
| D352 | <i>Lafoeina</i> G O Sars, 1874           |  |
| D353 | <i>tenuis</i> van Beneden, 1847          |  |
| D354 | Aequoreidae                              |  |
| D355 | <i>Aequorea</i> Péron & Lesueur, 1810    | Not yet possible to separate hydroid stages with confidence. Names <i>Campanulina acuminata</i> and <i>C. paracuminata</i> have been applied to these. See Cornelius (1995a). <i>Aequorea aequorea</i> (Forsskål, 1775). |
| D356 | <i>forskalea</i> Péron & Lesueur, 1810   |  |
| D357 | <i>macrodactyla</i> (Brandt, 1834)       |  |
| D358 | <i>pensilis</i> (Haeckel, 1879)          |  |
| D359 | <i>vitrina</i> Gosse, 1853               |  |
| D360 | Malagazziidae                            |  |
| D361 | <i>Octocanna</i> Haeckel, 1879           |  |
| D362 | <i>funeraria</i> (Quoy & Gaimard, 1827)  | Generally deeper offshore water. Hydroid not known.  |
| D363 | <b>EIRENOIDEA</b>                        |  |
| D364 | Eirenidae                                |  |
| D365 | <i>Eirene</i> Eschscholtz, 1829          |  |
| D366 | <i>viridula</i> (Péron & Lesueur, 1810)  |  |
| D367 | <i>Eutima</i> McCrady, 1859              | <i>Octorchis</i> Haeckel.  |
| D368 | <i>gegenbauri</i> (Haeckel, 1864)        |  |
| D369 | <i>gracilis</i> (Forbes & Goodsir, 1851) |  |
| D370 | <i>Eutonina</i> Hartlaub, 1897           |  |
| D371 | <i>indicans</i> (Romanes, 1876)          |  |
| D372 | <i>Helgicirrha</i> Hartlaub, 1909        |  |

- D373 *schulzei* Hartlaub, 1909  
D374 *Phialopsis* Torrey, 1909  
D375 *diegensis* Torrey, 1909  
Oceanic species not yet recorded from the area; all records for Continental Slope.
- D376 *Tima* Eschscholtz, 1829  
D377 *bairdii* (Johnston, 1833)  
Hydroid not known.
- D378 LAFOEIDA  
D379 LAFOEOIDEA  
D380 Lafoeidae  
D381 *Filellum* Hincks, 1868  
D382 *serpens* (Hassall, 1848)  
*Coppinia arcta* (Dalyell).  
D383 *Grammaria* Stimpson, 1853  
*Reticularia* in part.  
D384 *abietina* (M Sars, 1850)  
D385 *Lafoea* Lamouroux, 1821  
D386 *dumosa* (Fleming, 1828)  
*Lafoea fruticosa* (G O Sars); *L. gracillima* (Alder); *L. pocillum* Hincks; *Calycella obliqua* Hincks.
- D387 HALECIIDA  
D388 HALECIOIDEA  
D389 Haleciidae  
D390 *Halecium* Oken, 1815  
D391 *beanii* (Johnston, 1838)  
D392 *halecinum* (Linnaeus, 1758)  
*Halecium geniculatum* Norman.  
D393 *labrosum* Alder, 1859  
*Halecium reflexum* Stechow.  
D394 *lankesteri* (Bourne, 1890)  
? *Halecium robustum* Pieper.  
D395 *muricatum* (Ellis & Solander, 1786)  
*Halecium filiforme* Alder.  
D396 *nanum* Alder, 1859  
D397 *plumosum* Hincks, 1868  
May be included in *Halecium sessile* Norman.  
D398 *sessile* Norman, 1867  
May include *Halecium plumosum* Hincks 1868; ? *Halecium articulatum* Clarke; *H. filiforme* Alder in part.
- D399 *tenellum* Hincks, 1861  
D400 *undulatum* Billard, 1922  
D401 *Hydranthea* Hincks, 1868  
D402 *margarica* (Hincks, 1862)  
D403 *Hydrodendron* Hincks, 1874  
D404 *mirabile* (Hincks, 1866)  
*Ophiodes caciniiformis* Ritchie.
- D405 PLUMULARIIDA  
D406 SERTULARIOIDEA  
D407 Sertulariidae  
D408 *Abietinaria* Kirchenpauer, 1884  
D409 *abietina* (Linnaeus, 1758)  
D410 *filicula* (Ellis & Solander, 1786)  
D411 *Amphisbetia* L Agassiz, 1862  
D412 *operculata* (Linnaeus, 1758)  
D413 *Diphasia* L Agassiz, 1862  
D414 *alata* (Hincks, 1855)  
*Diphasia pinastrum* of Cornelius (1979) & Cornelius *et al.* (1990); *Sertularia pinaster* Ellis & Solander. See Cornelius (1995b) for comments on nomenclature.
- D415 *attenuata* (Hincks, 1866)  
D416 *delagei* Billard, 1912  
D417 *fallax* (Johnston, 1847)  
D418 *nigra* (Pallas, 1766)  
D419 *pinaster* sensu Hincks, 1868  
D420 *rosacea* (Linnaeus, 1758)  
D421 *Dynamena* Lamouroux, 1812  
D422 *pumila* (Linnaeus, 1758)  
D423 *Hydrallmania* Hincks, 1868  
D424 *falcata* (Linnaeus, 1758)  
D425 *Selaginopsis* Allman, 1876  
D426 *fusca* (Johnston, 1847)  
Species with a northerly distribution. *Salacia articulata* of Cornelius (1979) in part.
- D427 *Sertularella* Gray, 1848  
D428 *gaudichaudi* (Lamouroux, 1824)  
*Sertularella ellisii* of Picard, 1956; non *S. ellisii* Deshayes & Milne-Edwards. May include *S. fusiformis* (Hincks) and *S. mediterranea* Hartlaub. See Cornelius (1995b).
- D429 *gayi* (Lamouroux, 1821)  
D430 *polyzonias* (Linnaeus, 1758)  
D431 *rugosa* (Linnaeus, 1758)  
D432 *tenella* (Alder, 1856)  
D433 *Sertularia* Linnaeus, 1758  
D434 *argentea* Linnaeus, 1758  
D435 *cupressina* Linnaeus, 1758  
D436 *tenera* G O Sars, 1874  
D437 *Symplectoscyphus* Marktanner-Turneretscher, 1890  
D438 *tricuspidatus* (Alder, 1856)  
D439 *Tamarisca* Kudelin, 1914  
D440 *tamarisca* (Linnaeus, 1758)  
D441 *Thuiaria* Fleming, 1828  
D442 *articulata* (Pallas, 1766)  
D443 *thuja* (Linnaeus, 1758)  
D444 *Tridentata* Stechow, 1920  
D445 *distans* (Lamouroux, 1816)  
*Sertularia gracilis* Hassall.
- D446 PLUMULARIOIDEA  
D447 Plumulariidae  
D448 Halopteriinae  
D449 *Antennella* Allman, 1877  
D450 *secundaria* (Gmelin, 1791)  
*Plumularia comucopiae* Hincks; *Plumularia siliquosa* Hincks; *Plumularia alternata* Nutting; *Antennella diaphana* Broch.
- D451 *Halopteris* Allman, 1877  
D452 *catharina* (Johnston, 1833)  
D453 Kirchenpaueriinae  
D454 *Kirchenpaueria* Jickeli, 1883

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|------|--|---|
| D455 | <i>pinnata</i> (Linnaeus, 1758)                          | <i>Kirchenpaueria echinulata</i> (Lamarck).   |
| D456 | <i>similis</i> (Hincks, 1861)                            | Separation provisional.   |
| D457 | <i>Ophinella</i> Stechow, 1919                           |   |
| D458 | <i>parasitica</i> (G O Sars, 1874)                       | Scandinavian species, not yet recorded from the area.   |
| D459 | Plumulariinae  |   |
| D460 | <i>Monotheca</i> Nutting, 1900                           |   |
| D461 | <i>obliqua</i> (Johnston, 1847)                          |   |
| D462 | <i>Nemertesia</i> Lamouroux, 1812                        |   |
| D463 | <i>antennina</i> (Linnaeus, 1758)                        |   |
| D464 | <i>norvegica</i> (G O Sars, 1874)                        |   |
| D465 | <i>pierrieri</i> var. <i>antennoides</i> Billard, 1901   | Southern species not yet recorded from the area.  |
| D466 | <i>ramosa</i> Lamouroux, 1816                            |   |
| D467 | <i>ventriculiformis</i> (Marktanner-Turneretscher, 1890) | Southern species not yet recorded from the area.  |
| D468 | <i>Plumularia</i> Lamarck, 1816                          |   |
| D469 | <i>setacea</i> (Linnaeus, 1758)                          |   |
| D470 | <i>Polyplumaria</i> G O Sars, 1874                       |   |
| D471 | <i>flabellata</i> G O Sars, 1874                         |   |
| D472 | <i>frutescens</i> (Ellis & Solander, 1786)               |   |
| D473 | <i>Ventromma</i> Stechow, 1923                           |   |
| D474 | <i>halecioides</i> (Alder, 1859)                         |   |
| D475 | Aglaopheniidae   |   |
| D476 | <i>Aglaophenia</i> Lamouroux, 1812                       | See Svoboda & Cornelius (1991).   |
| D477 | <i>acacia</i> Allman, 1883                               | <i>A. lophocarpa</i> Allman may be conspecific.   |
| D478 | <i>kirchenpaueri</i> (Heller, 1868)                      |   |
| D479 | <i>octodonta</i> (Heller, 1868)                          | Mediterranean Sea and adjacent Atlantic coasts north to Brittany. <i>A. helleri</i> Marktanner-Turneretscher.<br><i>A. heterodonta</i> Jäderholm. |
| D480 | <i>parvula</i> Bale, 1882                                |   |
| D481 | <i>pluma</i> (Linnaeus, 1758)                            |   |
| D482 | <i>tubiformis</i> (Heller, 1868)                         |   |
| D483 | <i>tubulifera</i> (Hincks, 1861)                         | Recorded from Brittany.   |
| D484 | <i>Gymnangium</i> Hincks, 1874                           |   |
| D485 | <i>montagui</i> (Billard, 1912)                          | <i>Aglaophenia pennatula</i> of Hincks, 1868.   |
| D486 | <i>Lytocarpia</i> Kirchenpauer, 1872                     | <i>Thecocarpus</i> Nutting.   |
| D487 | <i>myriophyllum</i> (Linnaeus, 1758)                     | <i>Aglaophenia radicellata</i> G O Sars.  |
| D488 | <b>PROBOSCOIDA</b>                                       |   |
| D489 | <b>CAMPANULARIIDA</b>                                    |   |
| D490 | <b>CAMPANULARIOIDEA</b>                                  |   |
| D491 | Campanulariidae  | See Cornelius (1982).   |
| D492 | Campanulariinae  |   |
| D493 | <i>Campanularia</i> Lamarck, 1816                        |   |
| D494 | <i>hincksii</i> Alder, 1856                              |   |
| D495 | <i>volubilis</i> (Linnaeus, 1758)                        |   |
| D496 | <i>Orthopyxis</i> L Agassiz, 1862                        |   |
| D497 | <i>integra</i> (Macgillivray, 1842)                      | <i>Agastira mira</i> Hartlaub (medusa); <i>Campanularia caliculata</i> Hincks.  |
| D498 | <i>Rhizocaulus</i> Stechow, 1919                         |   |
| D499 | <i>verticillatus</i> (Linnaeus, 1758)                    |   |
| D500 | Clytiinae  |   |
| D501 | <i>Clytia</i> Lamouroux, 1812                            |   |
| D502 | <i>gracilis</i> (M Sars, 1850)                           | <i>Clytia hemisphaerica</i> auct., in part; <i>C. sarsi</i> Cornelius.  |
| D503 | <i>hemisphaerica</i> (Linnaeus, 1767)                    | <i>Clytia johnstoni</i> (Alder); <i>Campanularia volubilis sensu</i> Ellis & Solander.  |
| D504 | <i>islandica</i> (Kramp, 1919)                           |   |
| D505 | <i>paulensis</i> (Vanhöffen, 1910)                       |   |
| D506 | Obeliinae  |   |
| D507 | <i>Gonothyraea</i> Allman, 1864                          |   |
| D508 | <i>loveni</i> (Allman, 1859)                             | ? <i>Gonothyraea hyalina</i> Hincks.  |
| D509 | <i>Hartlaubella</i> Poche, 1914                          |   |
| D510 | <i>gelatinosa</i> (Pallas, 1766)                         |   |
| D511 | <i>Laomedea</i> Lamouroux, 1812                          |   |
| D512 | <i>angulata</i> Hincks, 1861                             |   |
| D513 | <i>calceolifera</i> (Hincks, 1871)                       |   |
| D514 | <i>exigua</i> M Sars, 1857                               |   |
| D515 | <i>flexuosa</i> Alder, 1857                              |   |
| D516 | <i>neglecta</i> Alder, 1856                              | <i>Campanularia fragilis</i> Hincks; <i>L. decipiens</i> Wright.  |
| D517 | <i>Obelia</i> Péron & Lesueur, 1810                      | See Cornelius (1990).   |
| D518 | <i>bidentata</i> Clarke, 1875                            | <i>O. bicuspidata</i> Clarke.   |
| D519 | <i>dichotoma</i> (Linnaeus, 1758)                        | <i>O. plicata</i> Hincks.   |
| D520 | <i>geniculata</i> (Linnaeus, 1758)                       |   |
| D521 | <i>longissima</i> (Pallas, 1766)                         | <i>O. flabellata sensu</i> Hincks; <i>O. plana sensu</i> Haeckel.   |
| D522 | <b>LIMNOMEDUSAE</b>                                      | Mainly fresh and brackish water. See Russell (1953).  |
| D523 | Proboscidactylidae                                       |   |
| D524 | <i>Proboscidactyla</i> Brandt, 1838                      |   |
| D525 | <i>stellata</i> (Forbes, 1846)                           | <i>Lar sabellarum</i> Gosse (hydroid stage).  |
| D526 | <i>Pochella</i> Hartlaub, 1917                           |   |
| D527 | <i>polynema</i> Hartlaub, 1917                           |   |
| D528 | Olindiidae   |   |
| D529 | <i>Gonionemus</i> L Agassiz, 1862                        |   |
| D530 | <i>vertens</i> L Agassiz, 1862                           |   |
| D531 | <i>Gossea</i> L Agassiz, 1862                            |   |
| D532 | <i>corynetes</i> (Gosse, 1853)                           |   |
| D533 | <i>Craspedacusta</i> Lankester, 1880                     |   |
| D534 | <i>sowerbyi</i> Lankester, 1880                          | <i>Microhydra ryderi</i> Potts (hydroid stage).   |
| D535 | <i>Incertae sedis</i>                                    |   |
| D536 | <i>Armorhydra</i> Swedmark & Teissier, 1958              |   |
| D537 | <i>janowiczi</i> Swedmark & Teissier, 1958               |   |
| D538 | <b>NARCOMEDUSAE</b>                                      | Almost entirely oceanic. Reviewed in Bouillon (1987).   |
| D539 | Cuninidae  |   |
| D540 | <i>Solmissus</i> Haeckel, 1879                           |   |
| D541 | <i>incisus</i> (Fewkes, 1886)                            |   |

- D542 Aeginidae  
D543 *Aegina* Eschscholtz, 1829  
D544 *citrea* Eschscholtz, 1829  
D545 *Aeginura* Haeckel, 1879  
D546 *grimaldii* Maas, 1904  
D547 Halammohydridae  
D548 *Halammohydra* Remane, 1927  
D549 *adherens* Swedmark & Teissier, 1959 Roscoff area.  
D550 *octopodides* Remane, 1927 Roscoff area.  
D551 *schulzei* Remane, 1927  
D552 *vermiformis* Swedmark & Teissier, 1958  
D553 *Octohydra* Swedmark & Teissier, 1958  
D554 *tremulans* Lacassagne, 1973 Roscoff area.  
D555 *vagans* Swedmark & Teissier, 1958 Roscoff area.  
D556 Solmaridae  
D557 *Solmaris* Haeckel, 1879  
D558 *corona* (Keferstein & Ehlers, 1861)  
D559 **TRACHYMEDUSAE** Mostly oceanic. See Russell (1980, 1981); Bouillon (1985).  
D560 Geryonidae  
D561 *Liriope* Lesson, 1843  
D562 *tetraphylla* (Chamisso & Eysenhardt, 1821)  
D563 Rhopalonematidae  
D564 *Rhopalonema* Gegenbaur, 1856  
D565 *funerarium* Vanhöffen, 1902  
D566 *velatum* Gegenbaur, 1856  
D567 *Colobonema* Vanhöffen, 1902  
D568 *sericeum* Vanhöffen, 1902  
D569 *Pantachogon* Maas, 1893  
D570 *haeckeli* Maas, 1893  
D571 *Crossota* Vanhöffen, 1902  
D572 *rufobrunnea* (Kramp, 1913)  
D573 *Aglantha* Haeckel, 1879  
D574 *digitale* (O F Müller)  
D575 *digitale* var. *rosea* (Forbes, 1848)  
D576 Halicereidae  
D577 *Haliscera* Vanhöffen, 1902  
D578 *bigelowi* Kramp, 1947  
D579 *Halicreas* Fewkes, 1882  
D580 *minimum* Fewkes, 1882  
D581 *Botrynema* Browne, 1908  
D582 *brucei* Browne, 1908  
D583 **ANTHOZOA**  
D584 **OCTOCORALLIA**  
D585 **STOLONIFERA**  
D586 Cornulariidae  
D587 *Cornularia* Lamarck, 1816  
D588 *cornucopiae* (Pallas, 1766) The record from the south coast of England (Manuel, 1979) is erroneous (see Williams, 1996). The species is recorded from Roscoff but requires confirmation.  
D589 *Cervera* López-González, Ocaña, García-Gómez & Núñez, 1995  
D590 *atlantica* (Johnson, 1861) *Cornularia atlantica*; *Anthelia inermis* Bérenquier, 1954. A widespread Mediterranean and eastern Atlantic species probably at the northern limit of its distribution on the south coast of England (Williams, 1996).  
D591 Clavulariidae  
D592 *Sarcodictyon* Forbes in Johnston, 1847  
D593 *roseum* (Philippi, 1842) *S. catenata* Forbes in Johnston, 1847.  
D594 **ALCYONACEA**  
D595 Alcyoniidae  
D596 *Alcyonium* Linnaeus, 1758  
D597 *digitatum* Linnaeus, 1758  
D598 *glomeratum* (Hassall, 1843)  
D599 *palmatum* Pallas, 1766  
Teissier (1965, Roscoff) includes *A. norvegicum*; this is probably a growth form of *A. digitatum*.  
Dead men's fingers.  
Red dead men's fingers.  
A Mediterranean and south west European species with a dubious record from Plymouth but a reliable record from the Atlantic coast of Brittany.  
D600 *Parerythropodium* Kükenthal, 1916  
D601 *coralloides* (Pallas, 1766) *P. hibernicum* Renouf, 1931; *Alcyonium pusillum* Tixier-Durivault & Lafargue, 1966.  
D602 Maasellidae  
D603 *Paralcyonium* Milne-Edwards & Haime, 1850  
D604 *spinulosum* (Delle Chiaje, 1822) Not yet recorded from the area; nearest report is Atlantic coast of Brittany.  
D605 **GORGONACEA**  
D606 Paramuriceidae  
D607 *Swiftia* Duchassaing & Michelotti, 1864  
D608 *pallida* Madsen, 1970 Northern sea-fan. *Gorgonia pinnata* (sensu Johnston, 1847).  
D609 Plexauridae  
D610 *Eunicella* Verrill, 1869  
D611 *verrucosa* (Pallas, 1766) Sea fan. Under threat from collectors. Protected in British waters under the Wildlife & Countryside Act, 1981.  
D612 **PENNATULACEA**  
D613 Funiculinidae  
D614 *Funiculina* Lamarck, 1816  
D615 *quadrangularis* (Pallas, 1766)  
D616 Virgulariidae  
D617 *Virgularia* Lamarck, 1816  
D618 *mirabilis* (O F Müller, 1776)  
D619 *Balticina* J E Gray, 1870  
D620 *christii* (Koren & Danielssen, 1848)  
D621 Pennatulidae



|      |   |  |
|------|---|--|
| D622 | <i>Pennatula</i> Linnaeus, 1758                   |  |
| D623 | <i>phosphorea</i> Linnaeus, 1758                  |  |
| D624 | Cavernulariidae                                   |  |
| D625 | <i>Veretillum</i>                                 |  |
| D626 | <i>cynomorium</i> (Pallas, 1766)                  | Not yet recorded from the area; nearest report is Bay of Biscay.   |
| D627 | <b>HEXACORALLIA</b>                               |  |
| D628 | <b>CERIANTHARIA</b>                               |  |
| D629 | SPIRULARIA  |  |
| D630 | Cerianthidae                                      |  |
| D631 | <i>Cerianthus</i> delle Chiaje, 1830              | <i>C. membranaceus</i> of Manuel (1983) is incorrectly defined. This large cerianthid from northern France and the Channel Isles is a species of <i>Pachycerianthus</i> as yet not determined. It seems that the various records, which are all from France, are erroneous. <i>C. membranaceus</i> is considered confined to the Mediterranean. A redescription is needed. Synonym: <i>Synarachnactis bournei</i> (Fowler, 1897) (larval stage). |
| D632 | <i>lloydii</i> Gosse, 1859                        |  |
| D633 | <i>Pachycerianthus</i> Roule, 1904                |  |
| D634 | <i>multiplicatus</i> Carlgren, 1912               |  |
| D635 | <i>indet</i>                                      | See note for <i>Cerianthus</i> .   |
| D636 | <b>PENICILLARIA</b>                               |  |
| D637 | Arachnactidae                                     |  |
| D638 | <i>Arachnactis</i> M Sars, 1846                   |  |
| D639 | <i>albida</i> M Sars, 1846                        | Known only from the larval form.   |
| D640 | <i>Arachnanthus</i> Carlgren, 1912                |  |
| D641 | <i>sarsi</i> Carlgren, 1912                       | See Picton & Manuel (1985) for description.  |
| D642 | <b>ANTIPATHARIA</b>                               |  |
| D643 | Antipathiidae                                     |  |
| D644 | <i>Antipathes</i> Pallas, 1766                    |  |
| D645 | <i>subpinnata</i> Ellis & Solander, 1786          | Known from northern France (Manuel, 1988).   |
| D646 | <b>ZOANTHARIA</b>                                 |  |
| D647 | Epizoanthidae                                     |  |
| D648 | <i>Epizoanthus</i> J E Gray, 1867                 |  |
| D649 | <i>couchii</i> (Johnston, in Couch, 1844)         |  |
| D650 | <i>incrustatus</i> (Düben & Koren, 1847)          |  |
| D651 | <i>macintoshi</i> Haddon & Shackleton, 1891       | Known only from the type specimen, dredged off Shetland. Possibly not present on Continental Shelf.  |
| D652 | <i>paguriphilus</i> Verrill, 1882                 |  |
| D653 | Parazoanthidae                                    |  |
| D654 | <i>Parazoanthus</i> Haddon & Shackleton, 1891     |  |
| D655 | <i>anguicomus</i> (Norman, 1868)                  | <i>P. dixoni</i> of Haddon & Shackleton (1891). Probably <i>P. marioni</i> and <i>P. haddoni</i> of French lists. <i>P. dixoni</i> of Hiscock (1974) non Haddon & Shackleton, 1891.  |
| D656 | <i>axinellae</i> (Schmidt, 1862)                  |  |
| D657 | <i>Isozoanthus</i> Carlgren, 1905                 |  |
| D658 | <i>sulcatus</i> (Gosse, 1859)                     |  |
| D659 | <i>Incertae sedis</i>                             | <i>I. danicus</i> Carlgren, 1913.  |
| D660 | <i>Zoanthus</i> Cuvier, 1817                      |  |
| D661 | <i>alderi</i> Gosse, 1859                         | The generic position of this species is debated. It is only known from a single colony found beneath a stone at Cullercoats, Tyne and Wear.  |
| D662 | <b>ACTINIARIA</b>                                 |  |
| D663 | <b>PROTANTHEAE</b>                                |  |
| D664 | Gonactiniidae                                     |  |
| D665 | <i>Gonactinia</i> M Sars, 1850                    |  |
| D666 | <i>prolifera</i> (M Sars, 1835)                   |  |
| D667 | <i>Protanthea</i> Carlgren, 1891                  |  |
| D668 | <i>simplex</i> Carlgren, 1891                     |  |
| D669 | Andresidae  |  |
| D670 | <i>Andresia</i> Stephenson, 1922                  |  |
| D671 | <i>partenoepa</i> (Andres, 1883)                  | Known from Roscoff (Teissier, 1965) and Cherbourg (Pax & Müller, 1962).  |
| D672 | <b>NYNANTHEAE</b>                                 |  |
| D673 | Actiniidae  |  |
| D674 | <i>Actinia</i> Linnaeus, 1767                     |  |
| D675 | <i>equina</i> (Linnaeus, 1758)                    | Beadlet anemone.   |
| D676 | <i>fragacea</i> Tugwell, 1856                     | Strawberry anemone.  |
| D677 | <i>prasina</i> Tugwell, 1856                      | Haylor <i>et al.</i> (1984) have shown that at least this green form of <i>Actinia</i> is specifically distinct from <i>A. equina</i> .  |
| D678 | <i>Anemonia</i> Risso, 1826                       |  |
| D679 | <i>viridis</i> (Forsskål, 1775)                   | Snakelocks anemone. Synonym: <i>A. sulcata</i> (Pennant, 1777). There is some evidence that in the Mediterranean and in the Atlantic outside the British area, the brown form of <i>Anemonia</i> may be a distinct species (e.g. Bulnheim & Sauer, 1984; Williams, 1992) but this is yet to be confirmed.  |
| D680 | <i>Bolocera</i> Gosse, 1859                       |  |
| D681 | <i>tuediae</i> (Johnston, 1832)                   |  |
| D682 | <i>Urticina</i> Ehrenberg, 1834                   |  |
| D683 | <i>eques</i> (Gosse, 1859)                        | Synonyms: <i>Bolocera eques</i> ; <i>Tealia felina</i> var. <i>lofotensis</i> of Stephenson (1935).  |
| D684 | <i>felina</i> (Linnaeus, 1761)                    | Dahlia anemone. Synonyms: <i>Tealia felina</i> ; <i>Tealia crassicornis sensu</i> Gosse (1859); <i>Actinia tuberculata</i> Cocks, 1850.  |
| D685 | <i>Aulactinia</i> Verrill, 1864                   | Previously known as <i>Bunodactis</i> Verrill, 1899 (see Dunn <i>et al.</i> , 1980).   |
| D686 | <i>verrucosa</i> (Pennant, 1777)                  | Gem anemone. Synonyms: <i>Bunodes gemmacea</i> of Gosse (1859); <i>Bunodactis verrucosa</i> of Stephenson (1935) and Manuel (1988). The larger form described by Manuel (1988) may prove to be a separate species (R B Williams).  |
| D687 | <i>Anthopleura</i> Duchassaing & Michelotti, 1861 |  |
| D688 | <i>ballii</i> (Cocks, 1850)                       |  |
| D689 | <i>thallia</i> (Gosse, 1854)                      |  |

|      |                       |                            |  |
|------|-----------------------|----------------------------|--|
| D690 | Aurelianiidae         |                            |  |
| D691 | <i>Aurellania</i>     | Gosse, 1859                |  |
| D692 | <i>heterocera</i>     | (Thompson, 1853)           | Imperial anemone. Possibly conspecific with <i>Capnea sanguinea</i> Forbes, 1841; <i>A. augusta</i> Gosse, 1859.   |
| D693 | Actinostolidae        |                            |  |
| D694 | <i>Stomphia</i>       | Gosse, 1859                |  |
| D695 | <i>coccinea</i>       | (O F Müller, 1776)         |  |
| D696 | <i>Actinostola</i>    | Verrill, 1883              |  |
| D697 | <i>callosa</i>        | (Verrill, 1882)            | Records from the North Sea (M Dyer <i>in litt.</i> to R L Manuel).   |
| D698 | Aiptasiidae           |                            |  |
| D699 | <i>Aiptasia</i>       | Gosse, 1858                |  |
| D700 | <i>mutabilis</i>      | (Gravenhorst, 1831)        | Trumpet anemone. Possibly conspecific with <i>A. couchii</i> (Cocks, 1850) although this may be a distinct species (R B Williams).   |
| D701 | <i>Aiptasiogeton</i>  | Schmidt, 1972              |  |
| D702 | <i>pellucidus</i>     | (Hollard, 1848)            | <i>A. comatus</i> (Andres, 1881).  |
| D703 | Diadumenidae          |                            |  |
| D704 | <i>Diadumene</i>      | Stephenson, 1920           |  |
| D705 | <i>cincta</i>         | Stephenson, 1925           |  |
| D706 | <i>Haliphanella</i>   | Hand, 1956                 |  |
| D707 | <i>lineata</i>        | (Verrill, 1869)            | Orange-striped anemone. An introduced species of sporadic occurrence, native to the western Pacific Ocean. Synonym: <i>Diadumene luciae</i> (Verrill, 1898).   |
| D708 | Metridiidae           |                            |  |
| D709 | <i>Metridium</i>      | de Blainville, 1824        |  |
| D710 | <i>senile</i>         | (Linnaeus, 1761)           | Plumose anemone. <i>Actinia dianthus</i> of Johnston (1847); <i>Actinia pallida</i> Holdsworth, 1855.  |
| D711 | Sagartiidae           |                            |  |
| D712 | <i>Sagartia</i>       | Gosse, 1855                |  |
| D713 | <i>elegans</i>        | (Dalyell, 1848)            | Gosse (1858) described the following as conspecific: <i>S. ichthyostoma</i> ; <i>S. rosea</i> ; <i>S. miniata</i> ; <i>S. nivea</i> ; <i>S. venusta</i> . See Shaw <i>et al.</i> (1987). Conspecific: <i>S. troglodytes</i> var. <i>ornata</i> of Stephenson (1935) & Manuel (1988). |
| D714 | <i>ornata</i>         | (Holdsworth, 1855)         | Conspecific: <i>S. troglodytes</i> var. <i>decorata</i> of Stephenson (1935) and Manuel (1988).  |
| D715 | <i>troglodytes</i>    | (Price in Johnston, 1847)  |  |
| D716 | <i>Cereus</i>         | Milne-Edwards, 1857        |  |
| D717 | <i>pedunculatus</i>   | (Pennant, 1777)            | Daisy anemone. <i>Actinia bellis</i> of Johnston (1847).   |
| D718 | <i>Actinothoe</i>     | Fischer, 1890              |  |
| D719 | <i>sphyrodeta</i>     | (Gosse, 1858)              |  |
| D720 | <i>Sagartiogeton</i>  | Carlgren, 1924             |  |
| D721 | <i>laceratus</i>      | (Dalyell, 1848)            | <i>Sagartia coccinea</i> of Gosse (1858); <i>Phellia picta</i> Gosse, 1858.  |
| D722 | <i>undatus</i>        | (O F Müller, 1788)         | <i>Actinia anguicomma</i> Price in Johnston, 1847; <i>Sagartia viduata</i> of Gosse (1858).  |
| D723 | <i>Phellia</i>        | Gosse, 1858                |  |
| D724 | <i>gausapata</i>      | Gosse, 1858                |  |
| D725 | Isophelliidae         |                            |  |
| D726 | <i>Telmatactis</i>    | Gravier, 1918              |  |
| D727 | <i>forskali</i>       | (Ehrenberg, 1834)          | <i>Phellia elongata</i> of Fischer (1890). Not yet recorded from the area; nearest report is Guéthary (southern Bay of Biscay).  |
| D728 | Hormathiidae          |                            |  |
| D729 | <i>Hormathia</i>      | Gosse, 1859                |  |
| D730 | <i>alba</i>           | (Andres, 1881)             | An offshore species, known from south west Ireland (Tur, 1993).  |
| D731 | <i>coronata</i>       | (Gosse, 1858)              |  |
| D732 | <i>digitata</i>       | (O F Müller, 1776)         | Synonym: <i>H. margaritae</i> Gosse, 1859.   |
| D733 | <i>nodosa</i>         | (Fabricius, 1780)          | May occur in the area but no positive records have been found. Nearest confirmed record is off the north coast of Iceland.   |
| D734 | <i>Cataphellia</i>    | Stephenson, 1929           |  |
| D735 | <i>brodricii</i>      | (Gosse, 1859)              |  |
| D736 | <i>Paraphellia</i>    | Haddon, 1889               |  |
| D737 | <i>expansa</i>        | (Haddon, 1886)             |  |
| D738 | <i>Actinauge</i>      | Verrill, 1883              |  |
| D739 | <i>richardi</i>       | (Marion, 1882)             |  |
| D740 | <i>Calliactis</i>     | Verrill, 1869              |  |
| D741 | <i>parasitica</i>     | (Couch, 1842)              | Synonym: <i>Cribrina rondeletti</i> (delle Chiaje, 1828). See Manuel (1988).   |
| D742 | <i>Adamsia</i>        | Forbes, 1840               |  |
| D743 | <i>carciniopados</i>  | (Otto, 1823)               | Cloak anemone. Synonyms: <i>Actinia maculata</i> Adams, 1800; <i>A. palliata</i> (Bohadsch, 1761).   |
| D744 | <i>Amphianthus</i>    | Hertwig, 1882              |  |
| D745 | <i>dohmii</i>         | (von Koch, 1878)           |  |
| D746 | Halcampoididae        |                            |  |
| D747 | <i>Halcampoides</i>   | Danielssen, 1890           |  |
| D748 | <i>elongatus</i>      | Carlgren in Stephens, 1912 | Synonym: <i>H. purpurea</i> (Studer, 1878) in part; <i>non H. abyssorum</i> Danielssen, 1890. The taxonomy of the <i>H. purpurea</i> complex is still confused.  |
| D749 | Haloclavidae          |                            |  |
| D750 | <i>Anemonactis</i>    | Andres, 1880               |  |
| D751 | <i>mazeli</i>         | (Jourdan, 1880)            |  |
| D752 | <i>Mesacmaea</i>      | Andres, 1883               |  |
| D753 | <i>mitchellii</i>     | (Gosse, 1853)              |  |
| D754 | <i>Peachia</i>        | Gosse, 1855                |  |
| D755 | <i>cylindrica</i>     | (Reid, 1848)               | Synonyms: <i>P. hastata</i> Gosse, 1855; <i>P. undata</i> Gosse, 1858; <i>P. triphylla</i> Gosse, 1859.  |
| D756 | Halcampidae           |                            |  |
| D757 | <i>Halcampa</i>       | Gosse, 1858                |  |
| D758 | <i>chrysanthellum</i> | (Peach, in Johnston, 1847) |  |
| D759 | Edwardsiidae          |                            |  |

|      |                         |                             |  |
|------|-------------------------|-----------------------------|--|
| D760 | <i>Nematostella</i>     | Stephenson, 1935            |  |
| D761 | <i>vectensis</i>        | Stephenson, 1935            | Starlet anemone. Synonym: <i>N. pellucida</i> Crowell, 1946. A rare saltmarsh species, protected in British waters under the Wildlife and Countryside Act, 1981.   |
| D762 | <i>Edwardsiella</i>     | Andres, 1883                |  |
| D763 | <i>carnea</i>           | (Gosse, 1856)               | Synonym: <i>Halcampa microps</i> Gosse, 1858.  |
| D764 | <i>Edwardsia</i>        | de Quatrefages, 1841        |  |
| D765 | <i>beautempsii</i>      | de Quatrefages, 1842        | Normandy coast.  |
| D766 | <i>claparedii</i>       | (Panceri, 1869)             | Synonyms: <i>E. callimorpha</i> of Stephenson (1935); <i>non Scolanthus callimorphus</i> Gosse, 1853.  |
| D767 | <i>delapiae</i>         | Carlgren & Stephenson, 1928 | Known only from type locality in Co. Kerry where it still occurs (B.E. Picton, pers. obs. 1995).   |
| D768 | <i>ivelli</i>           | Manuel, 1975                | Ivell's anemone. Known only from the type locality on the south coast of England. Protected in British waters under the Wildlife and Countryside Act, 1981.  |
| D769 | <i>timida</i>           | de Quatrefages, 1842        | Synonyms: <i>Milneedwardsia dixonii</i> Carlgren, 1921; <i>Fagesia dixonii</i> ; <i>E. callianthus</i> Rawlinson, 1936 <i>sensu</i> Stephenson (1935).   |
| D770 | <i>Scolanthus</i>       | Gosse, 1853                 |  |
| D771 | <i>callimorphus</i>     | Gosse, 1853                 | Worm anemone. Previously confused with <i>Edwardsia claparedii</i> (see Manuel, 1981). Synonyms: <i>Isoedwardsia mediterranea</i> of Carlgren (1949); <i>Isoedwardsia lucifuga</i> of Carlgren (1949).   |
| D772 | <b>CORALLIMORPHARIA</b> |                             |  |
| D773 | Corallimorphidae        |                             |  |
| D774 | <i>Corynactis</i>       | Allman, 1846                |  |
| D775 | <i>viridis</i>          | Allman, 1846                | Jewel anemone.   |
| D776 | <b>SCLERACTINIA</b>     |                             |  |
| D777 | Oculinidae              |                             |  |
| D778 | <i>Madrepora</i>        | Linnaeus, 1758              |  |
| D779 | <i>oculata</i>          | Linnaeus, 1758              | No positive records for the area, but will almost certainly be found eventually.   |
| D780 | Caryophylliidae         |                             |  |
| D781 | <i>Caryophyllia</i>     | Lamarck, 1801               |  |
| D782 | <i>inornata</i>         | Duncan, 1878                | See Manuel (1983) or Zibrowius (1976) for description. Known within the area from Lough Hyne, Co Cork; Ardnoe Point, Sound of Jura; Great Cumbræ; Skomer; Lundy. Devonshire cup-coral. Synonyms: <i>C. clavus</i> Scacchi, 1835; <i>Paracyathus taxilianus</i> Gosse, 1859; <i>P. thulensis</i> Gosse, 1859; <i>P. pteropus</i> Gosse, 1859. |
| D783 | <i>smithii</i>          | Stokes & Broderip, 1828     |  |
| D784 | <i>Sphenotrochus</i>    | Milne-Edwards & Haime, 1848 |  |
| D785 | <i>andrewianus</i>      | Milne-Edwards & Haime, 1848 | Synonyms: <i>Turbinolia milletiana</i> of Johnston (1847); <i>S. macandrewanus</i> Milne-Edwards & Haime, 1857; <i>S. wrightii</i> Gosse, 1859.  |
| D786 | <i>Lophelia</i>         | Milne-Edwards & Haime, 1849 |  |
| D787 | <i>pertusa</i>          | (Linnaeus, 1758)            | Deep water species occurring along the edge of the Continental Shelf. Synonym: <i>L. prolifera</i> (Pallas, 1766).   |
| D788 | <i>Hoplangia</i>        | Gosse, 1859                 |  |
| D789 | <i>durotrix</i>         | Gosse, 1859                 | Carpet coral.  |
| D790 | Flabellidae             |                             |  |
| D791 | <i>Flabellum</i>        | Lesson, 1831                |  |
| D792 | <i>macandrewi</i>       | J E Gray, 1849              |  |
| D793 | Guyniidae               |                             |  |
| D794 | <i>Stenocyathus</i>     | Pourtales, 1871             |  |
| D795 | <i>vermiformis</i>      | (Pourtales, 1868)           |  |
| D796 | Dendrophylliidae        |                             |  |
| D797 | <i>Balanophyllia</i>    | Wood, 1844                  |  |
| D798 | <i>cellulosa</i>        | Duncan, 1873                | Recorded close to western boundary of area (214m).   |
| D799 | <i>regia</i>            | Gosse, 1853                 | Scarlet and gold star-coral.   |
| D800 | <i>Dendrophyllia</i>    | de Blainville, 1830         |  |
| D801 | <i>cornigera</i>        | (Lamarck, 1816)             |  |
| D802 | <i>Leptopsammia</i>     | Milne-Edwards & Haime, 1848 |  |
| D803 | <i>britannica</i>       | (Duncan, 1870)              | Recorded on the western boundary of the area (200m).   |
| D804 | <i>pruvoti</i>          | Lacaze-Duthiers, 1897       |  |

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# CTENOPHORA

compiled by

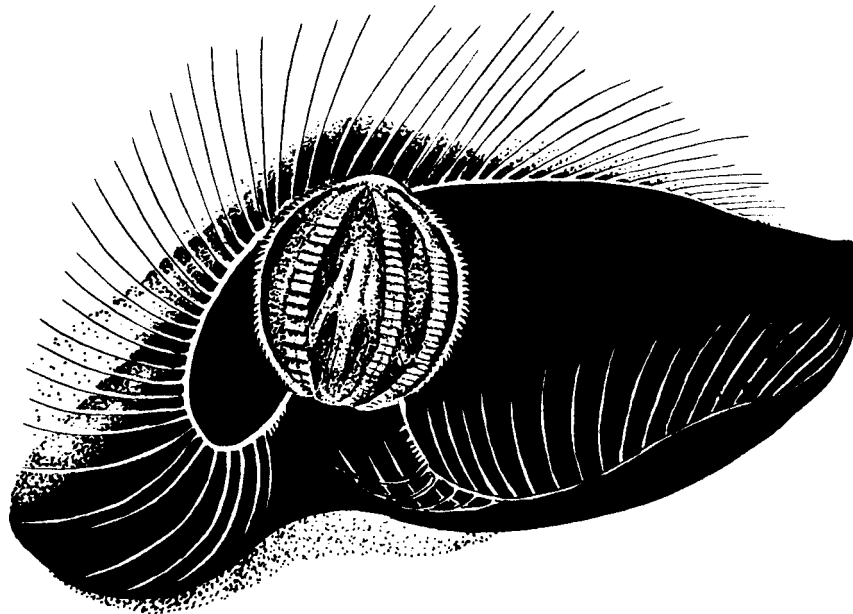
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## CTENOPHORA

## INTRODUCTION

The phylum Ctenophora is an entirely marine and primarily planktonic group, with only three species presently recognised in British waters. The taxonomy is currently stable; the classification and names used here follow Greve (1975) and have remained unchanged at least since Lilie (1958).

## CLASSIFICATION

Phylum **CTENOPHORA**

Class **TENTACULATA**

Order **CYDIPPIDA**

Family **Pleurobrachiidae** ..... E4

Order **LOBATA**

Family **Bolinidae** ..... E8

Class **NUDA**

Order **BEROIDA**

Family **Beroidae** ..... E13

## Phylum CTENOPHORA

|     |  |
|-----|--|
| E1  | <b>CTENOPHORA</b>                      |
| E2  | <b>TENTACULATA</b>                     |
| E3  | <b>CYDIPPIDA</b>                       |
| E4  | Pleurobrachiidae                       |
| E5  | <i>Pleurobrachia</i> Fleming, 1822     |
| E6  | <i>pileus</i> (O F Müller, 1776)       |
| E7  | <b>LOBATA</b>                          |
| E8  | Bolinidae                              |
| E9  | <i>Bolinopsis</i> Agassiz, 1860        |
| E10 | <i>infundibulum</i> (O F Müller, 1776) |
| E11 | <b>NUDA</b>                            |
| E12 | <b>BEROIDA</b>                         |
| E13 | Beroidae                               |
| E14 | <i>Beroe</i> Browne, 1756              |
| E15 | <i>cucumis</i> Fabricius, 1780         |

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# PLATYHELMINTHES

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**PLATYHELMINTHES**
**INTRODUCTION**

The Platyhelminthes is a large phylum of which only two classes, the Turbellaria and the Gnathostomulida contain free living marine species. The phylum has not been considered in any detail in the present project - lists are presented only for the triclad and polyclad turbellarians. The latter is based entirely on Prudhoe (1982), the former on Ball & Reynoldson (1981). Gibson & Knight-Jones (1990) provide further references for the group. This checklist has not been revised for this edition of the *Species Directory* and should therefore continue to be regarded as provisional.

**CLASSIFICATION**Phylum **PLATYHELMINTHES**Class **TURBELLARIA**Order **TRICLADIDA**

|                                    |     |
|------------------------------------|-----|
| Family <b>Procerodidae</b> .....   | F4  |
| Family <b>Uteriporidae</b> .....   | F13 |
| Family <b>Dugesiidae</b> .....     | F18 |
| Family <b>Planariidae</b> .....    | F24 |
| Family <b>Dendrocoelidae</b> ..... | F37 |
| Family <b>Bipaliidae</b> .....     | F42 |
| Family <b>Geoplanidae</b> .....    | F45 |
| Family <b>Rhynchodemidae</b> ..... | F52 |
| Family <b>Microplaniidae</b> ..... | F57 |

Order **POLYCLADIDA**Suborder **COTYLEA**

|                                     |     |
|-------------------------------------|-----|
| Family <b>Prothiostomidae</b> ..... | F64 |
|-------------------------------------|-----|

Suborder **ACOTYLEA**Superfamily **STYLOCHOIDEA**

|                                    |     |
|------------------------------------|-----|
| Family <b>Polyposthiidae</b> ..... | F67 |
| Family <b>Plehnidae</b> .....      | F72 |
| Family <b>Cryptocelidae</b> .....  | F75 |

Superfamily **PLANOCEROIDEA**

|                                   |     |
|-----------------------------------|-----|
| Family <b>Leptoplanidae</b> ..... | F80 |
| Family <b>Planoceridae</b> .....  | F90 |

Superfamily **CESTOPLANOIDEA**

|                                   |     |
|-----------------------------------|-----|
| Family <b>Cestoplanidae</b> ..... | F95 |
|-----------------------------------|-----|

Suborder **COTYLEA**

|                                     |      |
|-------------------------------------|------|
| Family <b>Pseudocerotidae</b> ..... | F99  |
| Family <b>Euryleptidae</b> .....    | F102 |

Phylum PLATYHELMINTHES

|     |   |  |
|-----|---|--|
| F1  | <b>PLATYHELMINTHES</b>                  |  |
| F2  | <b>TURBELLARIA</b>                      |  |
| F3  | <b>TRICLADIDA</b>                       |  |
| F4  | Procerodidae                            |  |
| F5  | <i>Procerodes</i> Girard, 1850          | See Sluys (1987).                                      |
| F6  | <i>littoralis</i> (Stroem, 1768)        |  |
| F7  | <i>lobata</i> (Schmidt, 1862)           |  |
| F8  | <i>plebeia</i> (Schmidt, 1861)          | Synonym: <i>P. ireneae</i> den Hartog, 1968.           |
| F9  | <i>Micropharynx</i> Jaegerskiold, 1896  |  |
| F10 | <i>parasitica</i> Jaegerskiold, 1896    | Not yet recorded from the British Isles                |
| F11 | <i>Sabussowia</i> Boehmig, 1906         |  |
| F12 | <i>dioica</i> (Claparède, 1863)         |  |
| F13 | Uteriporidae                            |  |
| F14 | <i>Uteriporus</i> Bergendal, 1890       |  |
| F15 | <i>vulgaris</i> Bergendal, 1890         |  |
| F16 | <i>Foviella</i> Bock, 1925              |  |
| F17 | <i>affinis</i> (Oersted, 1843)          | Not yet recorded with certainty from the British Isles |
| F18 | Dugesiidae                              |  |
| F19 | <i>Dugesia</i> Girard, 1850             |  |
| F20 | <i>gonocephala</i> (Duges, 1830)        |  |
| F21 | <i>lugubris</i> (Schmidt, 1861)         |  |
| F22 | <i>polychroa</i> (Schmidt, 1861)        |  |
| F23 | <i>tigrina</i> Girard, 1850             |  |
| F24 | Planariidae                             | Freshwater species                                     |
| F25 | <i>Planaria</i> O F Müller, 1776        |  |
| F26 | <i>torva</i> (O F Müller, 1774)         |  |
| F27 | <i>Polycelis</i> Ehrenberg, 1831        |  |
| F28 | <i>felina</i> (Dalyell, 1814)           |  |
| F29 | <i>nigra</i> (Müller, 1774)             |  |
| F30 | <i>tenuis</i> Ijima, 1884               |  |
| F31 | <i>Phagocata</i> Leidy, 1847            |  |
| F32 | <i>albissima</i> (Vejdkovsky, 1883)     |  |
| F33 | <i>vitta</i> (Duges, 1830)              |  |
| F34 | <i>woodworthi</i> Hyman, 1937           |  |
| F35 | <i>Crenobia</i> Kenk, 1930              |  |
| F36 | <i>alpina</i> (Dana, 1766)              |  |
| F37 | Dendrocoelidae                          | Freshwater species                                     |
| F38 | <i>Dendrocoelum</i> Oersted, 1844       |  |
| F39 | <i>lacteum</i> (Müller, 1774)           |  |
| F40 | <i>Bdellocephala</i> de Man, 1875       |  |
| F41 | <i>punctata</i> (Pallas, 1774)          |  |
| F42 | Bipaliidae                              | Terrestrial species                                    |
| F43 | <i>Bipalium</i> Stimpson, 1857          |  |
| F44 | <i>kewense</i> Moseley, 1878            |  |
| F45 | Geoplanidae                             | Terrestrial species                                    |
| F46 | <i>Geoplana</i> Stimpson, 1857          |  |
| F47 | <i>sanguinea</i> (Moseley, 1877)        |  |
| F48 | <i>Artioposthia</i> von Graff, 1896     |  |
| F49 | <i>triangulata</i> (Dendy, 1895)        |  |
| F50 | <i>Kontikia</i> Froehlich, 1954         |  |
| F51 | <i>andersoni</i> Jones, 1981            |  |
| F52 | Rhynchodemidae                          | Terrestrial species                                    |
| F53 | <i>Rhynchodemus</i> Leidy, 1851         |  |
| F54 | <i>sylvaticus</i> (Leidy, 1851)         |  |
| F55 | <i>Dolichoplana</i> Moseley, 1877       |  |
| F56 | <i>striata</i> Moseley, 1877            |  |
| F57 | Microplaniidae                          | Terrestrial species                                    |
| F58 | <i>Microplana</i> Vedjkovsky, 1890      |  |
| F59 | <i>scharffi</i> (von Graff, 1899)       |  |
| F60 | <i>terrestris</i> (Müller, 1773)        |  |
| F61 | <b>POLYCLADIDA</b>                      |  |
| F62 | <b>ACOTYLEA</b>                         |  |
| F63 | <b>STYLOCHOIDEA</b>                     |  |
| F64 | Prosthlostomidae                        |  |
| F65 | <i>Prosthlostomum</i> Quatrefages, 1845 |  |
| F66 | <i>siphunculus</i> (delle Chiaje, 1828) |  |
| F67 | Polyposthiidae                          |  |
| F68 | <i>Polyposthia</i> Bergendal, 1893      |  |
| F69 | <i>similis</i> Bergendal, 1893          |  |
| F70 | <i>Cryptocelides</i> Bergendal, 1890    |  |
| F71 | <i>loveni</i> Bergendal, 1893           |  |
| F72 | Plehnidae                               |  |
| F73 | <i>Discocelides</i>                     |  |
| F74 | <i>langi</i> Bergendal, 1893            |  |
| F75 | Cryptocelidae                           |  |
| F76 | <i>Cryptocelis</i> Lang, 1884           |  |
| F77 | <i>alba</i> Lang, 1884                  |  |
| F78 | <i>equihenii</i> Hallez, 1888           |  |
| F79 | <b>PLANOCEROIDEA</b>                    |  |
| F80 | Leptoplanidae                           |  |
| F81 | <i>Leptoplana</i> Ehrenberg, 1831       |  |
| F82 | <i>mertensii</i> (Claparède, 1861)      |  |
| F83 | <i>schizoporellae</i> Hallez, 1893      |  |
| F84 | <i>tremellaris</i> (O F Müller, 1774)   | May represent a species complex (Prudhoe, 1982).       |
| F85 | <i>Stylochoplana</i> Stimpson, 1857     |  |
| F86 | <i>agilis</i> Lang, 1884                | Often confused with <i>S. maculata</i> .               |
| F87 | <i>maculata</i> (Quatrefages, 1845)     |  |

|      |                       |                     |
|------|-----------------------|---------------------|
| F88  | <i>Notoplana</i>      | Laidlaw, 1903       |
| F89  | <i>atomata</i>        | (O F Müller, 1776)  |
| F90  | Planoceridae          |                     |
| F91  | <i>Planocera</i>      | de Blainville, 1828 |
| F92  | <i>folium</i>         | (Grube, 1841)       |
| F93  | <i>pellucida</i>      | (Mertens, 1832)     |
| F94  | CESTOPLANOIDEA        |                     |
| F95  | Cestoplanidae         |                     |
| F96  | <i>Cestoplana</i>     | Lang, 1884          |
| F97  | <i>rubrocincta</i>    | (Grube, 1840)       |
| F98  | COTYLEA               |                     |
| F99  | Pseudocerotidae       |                     |
| F100 | <i>Thysanozoon</i>    | Grube, 1840         |
| F101 | <i>brocchii</i>       | (Risso, 1818)       |
| F102 | Euryleptidae          |                     |
| F103 | <i>Eurylepta</i>      | Ehrenberg, 1831     |
| F104 | <i>cornuta</i>        | (O F Müller, 1776)  |
| F105 | <i>Prostheceraeus</i> | Schmarda, 1859      |
| F106 | <i>argus</i>          | (Quatrefages, 1845) |
| F107 | <i>vittatus</i>       | (Montagu, 1813)     |
| F108 | <i>Cycloporus</i>     | Lang, 1884          |
| F109 | <i>maculatus</i>      | Hallez, 1893        |
| F110 | <i>papillosus</i>     | (G O Sars, 1878)    |
| F111 | <i>Oligocladus</i>    | Lang, 1884          |
| F112 | <i>sanguinolentus</i> | (Quatrefages, 1845) |
| F113 | <i>Stylostomum</i>    | Lang, 1884          |
| F114 | <i>ellipse</i>        | (Dalyell, 1853)     |

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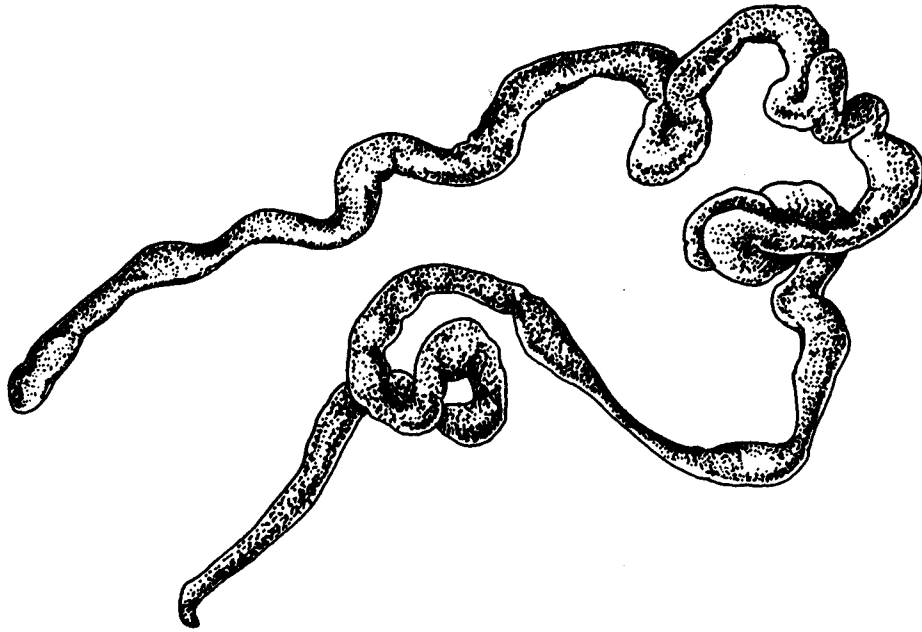
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# NEMERTEA

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## NEMERTEA

## INTRODUCTION

Although nemertean worms are widely distributed and often locally abundant, the phylum remains one of the most neglected invertebrate groups. There are several reasons for this, but a major factor is the need to use time-consuming histological procedures in investigations of the internal anatomical features upon which nemertean taxonomy and identification are primarily based. Many of the older taxa (there are now 1121 marine, 16 freshwater and 12 terrestrial species [Gibson, 1995]), established entirely on the basis of external features, are of uncertain systematic status, whilst others whose anatomy has been studied are often inadequately described and require thorough re-investigation. Of the 85 species so far recorded from the British Isles (including 1 terrestrial and 2 freshwater forms), approximately 40% must on these grounds be regarded as not well established taxa, and there is little doubt that several additional species await discovery and identification.

The division of the phylum into two classes, Anopla and Enopla, appears securely based, but systematic uncertainty is evident in many other higher taxonomic categories. For example, nemertean families are urgently in need of revision, and the long-established classification of the Enopla has recently been challenged by Gibson (1988a). The classification in this list follows that given in Gibson (1994).

The list of species is based on Gibson (1982) and Gibson & Knight-Jones (1990), with additions from Elmhirst (1926), Alexander (1932), Gibson (1988b, 1989, 1994), Gibson & Junoy (1991) and Rogers *et al.* (1992, 1993). A general account of the biology of nemerteans is given by Gibson (1972).

## CLASSIFICATION

## Phylum NEMERTEA

## Class ANOPLA

## Order PALAEONEMERTEA

- Family Carinomidae ..... G4
- Family Cephalothricidae ..... G7
- Family Hubrechtidae ..... G14
- Family Tubulanidae ..... G17

## Order HETERONEMERTEA

- Family Cerebratulidae ..... G38
- Family Lineidae ..... G47
- Family Valenciniidae ..... G73

## Class ENOPLA

## Order HOPLONEMERTEA

## Suborder MONOSTILIFERA

- Family Amphiporidae ..... G83
- Family Carcinonemertidae ..... G93
- Family Cratenemertidae ..... G96
- Family Emplectonematidae ..... G99
- Family Prosorhochmidae ..... G113
- Family Tetrastemmatidae ..... G116

## Suborder POLYSTILIFERA

- Family Drepanophoridae ..... G136
- Family Paradrepanophoridae ..... G139

## Order BDELLONEMERTEA

- Family Malacobdellidae ..... G143

Phylum NEMERTEA

|     |   |  |
|-----|---|--|
| G1  | <b>NEMERTEA</b>   |  |
| G2  | <b>ANOPLA</b>   |  |
| G3  | <b>PALAEONEMERTEA</b>                                   |  |
| G4  | Carinomidae   |  |
| G5  | <i>Carinoma</i> Oudemans, 1885                          |  |
| G6  | <i>armandi</i> (McIntosh, 1875)                         |  |
| G7  | Cephalothricidae  |  |
| G8  | <i>Cephalothrix</i> Örsted, 1843                        |  |
| G9  | <i>arenaria</i> Hylbom, 1957                            | Not yet recorded from the area.  |
| G10 | <i>linearis</i> (J Rathke, 1799)                        |  |
| G11 | <i>rufifrons</i> (Johnston, 1837)                       |  |
| G12 | <i>Procephalothrix</i> Wijnhoff, 1913                   |  |
| G13 | <i>filiformis</i> (Johnston, 1828)                      |  |
| G14 | Hubrechtidae  |  |
| G15 | <i>Hubrechtella</i> Bergendal, 1902                     |  |
| G16 | <i>dubia</i> Bergendal, 1902                            | Not yet recorded from the area.  |
| G17 | Tubulanidae   |  |
| G18 | <i>Callinera</i> Bergendal, 1900                        |  |
| G19 | <i>buergeri</i> Bergendal, 1900                         | Not yet recorded from the area.  |
| G20 | <i>monensis</i> Rogers, Gibson & Thorpe, 1992           |  |
| G21 | <i>Carinesta</i> Punnett, 1900                          |  |
| G22 | <i>anglica</i> Wijnhoff, 1912                           |  |
| G23 | <i>Carinina</i> Hubrecht, 1885                          |  |
| G24 | <i>arenaria</i> Hylbom, 1957                            | Not yet recorded from the area.  |
| G25 | <i>coei</i> Hylbom, 1957                                | Not yet recorded from the area.  |
| G26 | <i>Tubulanus</i> Renier, 1804                           |  |
| G27 | <i>albocapitatus</i> Wijnhoff, 1912                     | Inadequately described.  |
| G28 | <i>annulatus</i> (Montagu, 1804)                        |  |
| G29 | <i>banyulensis</i> (Joubin, 1890)                       | Inadequately described.  |
| G30 | <i>inexpectatus</i> (Hubrecht, 1880)                    | Inadequately described.  |
| G31 | <i>linearis</i> (McIntosh, 1873-74)                     | Inadequately described.  |
| G32 | <i>miniatus</i> (Bürger, 1892)                          | British records are of questionable validity (see Gibson, 1982).   |
| G33 | <i>nothus</i> (Bürger, 1892)                            | Inadequately described.  |
| G34 | <i>polymorphus</i> Renier, 1804                         |  |
| G35 | <i>superbus</i> (Kölliker, 1845)                        |  |
| G36 | <i>theeli</i> (Bergendal, 1902)                         | Not yet recorded from the area.  |
| G37 | <b>HETERONEMERTEA</b>                                   |  |
| G38 | Cerebratulidae  |  |
| G39 | <i>Cerebratulus</i> Renier, 1804                        |  |
| G40 | <i>alleni</i> Wijnhoff, 1912                            | Inadequately described.  |
| G41 | <i>fuscus</i> (McIntosh, 1873-74)                       |  |
| G42 | <i>marginatus</i> Renier, 1804                          |  |
| G43 | <i>pantherinus</i> Hubrecht, 1879                       | Inadequately described.  |
| G44 | <i>roseus</i> (Delle Chiaje, 1841)                      | Inadequately described.  |
| G45 | <i>Oxypolia</i> Punnett, 1901                           |  |
| G46 | <i>beaumontiana</i> Punnett, 1901                       |  |
| G47 | Lineidae  |  |
| G48 | <i>Euborlasia</i> Vaillant, 1890                        |  |
| G49 | <i>elizabethae</i> (McIntosh, 1873-74)                  |  |
| G50 | <i>Lineus</i> Sowerby, 1806                             |  |
| G51 | <i>acutifrons</i> Southern, 1913                        | Inadequately described.  |
| G52 | <i>bilineatus</i> (Renier, 1804)                        |  |
| G53 | <i>coccinus</i> Bürger, 1892                            |  |
| G54 | <i>longissimus</i> (Gunnerus, 1770)                     |  |
| G55 | <i>ruber</i> (O F Müller, 1774)                         | <i>L. ruber</i> , <i>L.</i> (now <i>Myoisophagos</i> ) <i>sanguineus</i> and <i>L. viridis</i> have often been confused, and each name has at some time been applied to the other. Old records should therefore be treated with caution. |
| G56 | <i>viridis</i> (O F Müller, 1774)                       |  |
| G57 | <i>Micrella</i> Punnett, 1901                           |  |
| G58 | <i>rufa</i> Punnett, 1901                               | Inadequately described.  |
| G59 | <i>Micrura</i> Ehrenberg, 1828                          |  |
| G60 | <i>aurantiaca</i> (Grube, 1855)                         |  |
| G61 | <i>elegans</i> Senz, 1993                               |  |
| G62 | <i>fasciolata</i> Ehrenberg, 1828                       |  |
| G63 | <i>lactea</i> (Hubrecht, 1879)                          | Inadequately described.  |
| G64 | <i>pseudovaricolor</i> Senz, 1993                       |  |
| G65 | <i>purpurea</i> (Dalyell, 1853)                         |  |
| G66 | <i>rockalliensis</i> Dollfus, 1924                      | Inadequately described.  |
| G67 | <i>scotica</i> Stephenson, 1911                         | Inadequately described.  |
| G68 | <i>Myoisophagus</i> Riser, 1994                         |  |
| G69 | <i>lacteus</i> (H Rathke, 1843)                         |  |
| G70 | <i>sanguineus</i> (J Rathke, 1799)                      |  |
| G71 | <i>Riseriellus</i> Rogers, Junoy, Gibson & Thorpe, 1993 |  |
| G72 | <i>occultus</i> Rogers, Junoy, Gibson & Thorpe, 1993    |  |
| G73 | Valenciinidae   |  |
| G74 | <i>Baseodiscus</i> Diesing, 1850                        |  |
| G75 | <i>delineatus</i> (Delle Chiaje, 1825)                  | Gibson (1982) considered <i>B. delineatus</i> and <i>B. curtus</i> to be conspecific.  |
| G76 | <i>Poliopsis</i> Joubin, 1890                           |  |
| G77 | <i>lacazei</i> Joubin, 1890                             |  |
| G78 | <i>Valencinia</i> Quatrefages, 1846                     |  |
| G79 | <i>longirostris</i> Quatrefages, 1846                   | Taxonomic status uncertain.  |
| G80 | <b>ENOPLA</b>   |  |
| G81 | <b>HOPLONEMERTEA</b>                                    |  |
| G82 | <b>MONOSTILIFERA</b>                                    |  |
| G83 | Amphiporidae  |  |

|      |                          |                        |   |
|------|--------------------------|------------------------|---|
| G84  | <i>Amphiporus</i>        | Ehrenberg, 1831        |   |
| G85  | <i>allucens</i>          | Bürger, 1895           | Inadequately listed species described as a <i>nomen dubium</i> by Gibson & Crandall (1989).   |
| G86  | <i>bioculatus</i>        | McIntosh, 1873-74      | Requires taxonomic reinvestigation; listed as a <i>nomen dubium</i> by Gibson & Crandall (1989); this form may belong to another monostiliferous group.   |
| G87  | <i>dissimulans</i>       | Riches, 1893           | Fully redescribed by Berg (1972a).  |
| G88  | <i>hastatus</i>          | McIntosh, 1873-74      | An inadequately described species listed as a <i>nomen dubium</i> by Gibson & Crandall (1989); Kirsteuer (1974) commented that records of this form may well represent a species aggregate.   |
| G89  | <i>lactiflores</i>       | (Johnston, 1828)       | Fully redescribed by Berg (1972a).  |
| G90  | <i>langiaegeminus</i>    | Bürger, 1895           |   |
| G91  | <i>Psammamphiporus</i>   | Gibson, 1989           |   |
| G92  | <i>elongatus</i>         | (Stephenson, 1911)     |   |
| G93  | Carcinonemertidae        |                        |   |
| G94  | <i>Carcinonemertes</i>   | Coe, 1902              |   |
| G95  | <i>carcinophila</i>      | (Kölliker, 1845)       | Humes (1942) described two varieties of this species, the British one being <i>C. carcinophila carcinophila</i> .   |
| G96  | Cratenemertidae          |                        |   |
| G97  | <i>Nipponnemertes</i>    | Friedrich, 1968        |   |
| G98  | <i>pulcher</i>           | (Johnston, 1837)       | Transferred from the genus <i>Amphiporus</i> by Berg (1972b).   |
| G99  | Emplectonematidae        |                        |   |
| G100 | <i>Emplectonema</i>      | Stimpson, 1857         |   |
| G101 | <i>echinoderma</i>       | (Marion, 1873)         |   |
| G102 | <i>gracile</i>           | (Johnston, 1837)       |   |
| G103 | <i>neesii</i>            | (Ørsted, 1843)         |   |
| G104 | <i>Nemertopsis</i>       | Bürger, 1895           |   |
| G105 | <i>flavida</i>           | (McIntosh, 1873-74)    | Gibson (1982) includes <i>N. tenuis</i> as synonymous. Requires taxonomic reinvestigation.  |
| G106 | <i>Incertae sedis</i>    |                        |   |
| G107 | <i>Oerstedia</i>         | Quatrefages, 1846      | Now excluded from the Prosorhochmidae (Moore & Gibson, 1988).   |
| G108 | <i>crassus</i>           | (Senz, 1993)           | Probably a species complex (Gibson, 1982).  |
| G109 | <i>dorsalis</i>          | (Abildgaard, 1806)     | This species and <i>O. nigra</i> have been established entirely on their colour patterns, and may simply be variants of <i>O. dorsalis</i> . There is very little information on their internal morphology, and thus Stiasny-Wijnhoff (1930) considered that they could not definitely be included in the genus <i>Oerstedia</i> . Sundberg (1984) provides an analysis of polymorphism in <i>O. dorsalis</i> . |
| G110 | <i>immutabilis</i>       | (Riches, 1893)         |   |
| G111 | <i>nigra</i>             | (Riches, 1893)         |   |
| G112 | <i>nigrimaculata</i>     | (Gibson, 1988)         | Originally described by Gibson (1988b) as <i>Paroerstedtia nigrimaculata</i> ; Envall & Sundberg (1993) have synonymised <i>Paroerstedtia</i> with <i>Oerstedia</i> . Synonym: <i>Paroerstedtia nigrimaculata</i> Gibson, 1988.   |
| G113 | Prosorhochmidae          |                        |   |
| G114 | <i>Prosorhochmus</i>     | Keferstein, 1862       |   |
| G115 | <i>claparedii</i>        | Keferstein, 1862       |   |
| G116 | Tetrastemmatidae         |                        |   |
| G117 | <i>Tetrastemma</i>       | Ehrenberg, 1828        | Inadequately described.   |
| G118 | <i>ambiguum</i>          | Riches, 1893           | Inadequately described.   |
| G119 | <i>angulatus</i>         | Senz, 1993             | Inadequately described.   |
| G120 | <i>beaumonti</i>         | (Southern, 1913)       | Inadequately described.   |
| G121 | <i>candidum</i>          | (O F Müller, 1774)     | Inadequately described; many of the records are doubtful.   |
| G122 | <i>cephalophorum</i>     | Bürger, 1895           | Inadequately described.   |
| G123 | <i>coronatum</i>         | (Quatrefages, 1846)    | Kirsteuer (1963) considers <i>T. coronatum</i> , <i>T. diadema</i> (not recorded from Britain), and <i>T. melanocephalum</i> to be distinct species on the basis of internal anatomy. They have often been considered colour varieties of <i>T. melanocephalum</i> .  |
| G124 | <i>cruciatus</i>         | Senz, 1993             | A pre-occupied name (Gibson, 1995), the specific epithet of this form will have to be changed.  |
| G125 | <i>flavidum</i>          | Ehrenberg, 1828        | The British records of this species are confused. <i>T. flavidum</i> of McIntosh (1873-74) is not Ehrenberg's 1828 species, but another now known as <i>Nemertopsis flavida</i> . <i>T. flavidum</i> sensu Bürger (1895) is the same as Ehrenberg's taxon.  |
| G126 | <i>fozensis</i>          | Gibson & Junoy, 1991   | <i>T. fozensis</i> was originally found in the mantle cavity of the bivalve mollusc <i>Scrobicularia plana</i> collected in north-western Spain; British records of this nemertean are only provisional (Gibson & Junoy, 1991).   |
| G127 | <i>helvolum</i>          | Bürger, 1895           | Inadequately described. Kirsteuer (1963) considers this separate from <i>T. candidum</i> on the basis of an anatomical difference.  |
| G128 | <i>herouardi</i>         | (Oxner, 1908)          |   |
| G129 | <i>longissimum</i>       | Bürger, 1895           | Inadequately described.   |
| G130 | <i>melanocephalum</i>    | (Johnston, 1837)       |   |
| G131 | <i>peltatum</i>          | Bürger, 1895           | Inadequately described.   |
| G132 | <i>quatrefagesi</i>      | (Bürger, 1904)         | Inadequately described; may be a form of <i>T. flavidum</i> (Gibson 1982).  |
| G133 | <i>robertianae</i>       | McIntosh, 1873-74      | Fully redescribed by Berg (1973).   |
| G134 | <i>vermiculus</i>        | (Quatrefages, 1846)    | Inadequately described.   |
| G135 | POLYSTILIFERA            |                        |   |
| G136 | Drepanophoridae          |                        |   |
| G137 | <i>Punnettia</i>         | Stiasny-Wijnhoff, 1926 |   |
| G138 | <i>splendida</i>         | (Keferstein, 1862)     |   |
| G139 | Paradrepanophoridae      |                        |   |
| G140 | <i>Paradrepanophorus</i> | Stiasny-Wijnhoff, 1926 |   |
| G141 | <i>crassus</i>           | (Quatrefages, 1846)    | Stiasny-Wijnhoff (1926) doubted that the non-Mediterranean records actually belonged to this species.   |



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G142      **BDELLONEMERTEA**  
G143      Malacobdellidae  
G144      *Malacobdella* de Blainville, 1827  
G145      *grossa* (O F Müller, 1776)

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# **ROTIFERA**

compiled by

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 ROTIFERA

## INTRODUCTION

Rotifers or 'Wheel Animalcules' are minute aquatic organisms rarely exceeding 1mm in length. They possess an external cuticle which may be ornamented or sculptured in a variety of ways and they are characterised by a conspicuous crown, or 'wheel', of long cilia anteriorly. The phylum comprises over 1500 species mostly from freshwater habitats though a number of species also occur in brackish and marine waters. Most species have a free-living planktonic mode of life though benthic or periphytic forms also occur. The genera *Seison* and *Zelinkiella* are exclusively marine, ectocommensal on Nebaliaceans and Holothurians respectively (see Holloday, 1949).

Pontin (1978) provides a review of British freshwater planktonic species, about 30 of which are also recorded from brackish waters. Berzins (1960) summarises the records of about 60 marine planktonic species from the north east Atlantic though only half of these can be claimed for British waters. An excellent study of non-planktonic rotifers from brackish waters of Scandinavia is presented by Thane-Fenchel (1968a). Of the 34 species she discusses 13 are already known from British waters and others, though not included here, may well be added at a later date. Thane-Fenchel (1968b) goes on to produce a world-wide key to marine and brackish water genera, citing further references where descriptions and illustrations of individual species can be located.

Tzschaschel (1979) in his studies of the marine interstitial fauna of the North Sea island of Sylt records 21 species, 13 of which are new to science. Although just outside the directory area, all these species are included here as their range could be expected to extend into the southern North Sea.

## CLASSIFICATION

Phylum **ROTIFERA**Order **MONOGONONTA**Suborder **PLOIMA**

- Family **Brachionidae** ..... HA4
- Family **Lecanidae** ..... HA32
- Family **Lindiidae** ..... HA39
- Family **Trichocercidae** ..... HA42
- Family **Gastropodidae** ..... HA46
- Family **Dicraniphoridae** ..... HA50
- Family **Asplanchnidae** ..... HA66
- Family **Synchaetidae** ..... HA70

Suborder **FLOSCULARIACEAE**

- Family **Testudinellidae** ..... HA92
- Family **Conochilidae** ..... HA106

Suborder **COLLOTHECACEAE**

- Family **Collothecidae** ..... HA110

Order **BDELLOIDA**

- Family **Philodinidae** ..... HA115

Order **SEISONIDEA**

- Family **Seisonidae** ..... HA119

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Phylum ROTIFERA

|      |  |   |
|------|--|---|
| HA1  | <b>ROTIFERA</b>                            |   |
| HA2  | <b>MONOGONONTA</b>                         |   |
| HA3  | <b>PLOIMA</b>                              |   |
| HA4  | Brachionidae                               |   |
| HA5  | <i>Argonotholca</i> Gillard, 1948          |   |
| HA6  | <i>foliacea</i> (Ehrenberg, 1838)          | Brackish water.                                     |
| HA7  | <i>Brachionis</i> Pallas, 1766             |   |
| HA8  | <i>angularis</i> Gosse, 1851               | Brackish water.                                     |
| HA9  | <i>calyciflorus</i> Pallas, 1766           | Brackish water.                                     |
| HA10 | <i>leydigi</i> Cohn, 1862                  | Brackish water.                                     |
| HA11 | <i>plicatilis</i> Müller, 1786             |   |
| HA12 | <i>quadridentatus</i> Hermann, 1783        |   |
| HA13 | <i>rubens</i> Ehrenberg, 1838              | Brackish water.                                     |
| HA14 | <i>urceolaris</i> Müller, 1773             | Brackish water.                                     |
| HA15 | <i>Colurella</i> Bory de St. Vincent, 1824 |   |
| HA16 | <i>colurus</i> (Ehrenberg, 1830)           |   |
| HA17 | <i>dicentra</i> (Gosse, 1887)              |   |
| HA18 | <i>Euchlanis</i> Ehrenberg, 1832           |   |
| HA19 | <i>dilitata</i> Ehrenberg, 1832            | Brackish water.                                     |
| HA20 | <i>Kellicottia</i> Ahlstrom, 1938          |   |
| HA21 | <i>longispina</i> (Kellicot, 1879)         | Brackish water.                                     |
| HA22 | <i>Keratella</i> Bory de St. Vincent, 1822 |   |
| HA23 | <i>cochlearis</i> (Gosse, 1851)            |   |
| HA24 | <i>cruciformis</i> (Thompson, 1892)        | Brackish water.                                     |
| HA25 | <i>quadrata</i> (Müller, 1786)             |   |
| HA26 | <i>Lepadella</i> Bory de St. Vincent, 1826 |   |
| HA27 | <i>psammophila</i> (Tzschaschel, 1979)     | Island of Sylt.                                     |
| HA28 | <i>Notholca</i> Gosse, 1886                |   |
| HA29 | <i>acuminata</i> (Ehrenberg, 1832)         | Brackish water.                                     |
| HA30 | <i>labis</i> Gosse, 1887                   | Brackish water.                                     |
| HA31 | <i>striata</i> (Müller, 1786)              |   |
| HA32 | Lecanidae                                  |   |
| HA33 | <i>Proales</i> Gosse, 1886                 |   |
| HA34 | <i>germanica</i> Tzschaschel, 1979         | Island of Sylt.                                     |
| HA35 | <i>halophila</i> Remane, 1929              |   |
| HA36 | <i>oculata</i> Tzschaschel, 1979           | Island of Sylt.                                     |
| HA37 | <i>reinhardti</i> (Ehrenberg, 1833)        |   |
| HA38 | <i>syltensis</i> Tzschaschel, 1979         | Island of Sylt.                                     |
| HA39 | Lindiidae                                  |   |
| HA40 | <i>Lindia</i> Dujardin, 1841               |   |
| HA41 | <i>tecusa</i> Haring & Myers, 1922         | Island of Sylt.                                     |
| HA42 | Trichocercidae                             |   |
| HA43 | <i>Trichocerca</i> Lamarck, 1801           |   |
| HA44 | <i>marina</i> Daday, 1890                  |   |
| HA45 | <i>pusilla</i> (Jennings, 1903)            | Brackish water.                                     |
| HA46 | Gastropodidae                              |   |
| HA47 | <i>Ascomorpha</i> Perty, 1850              |   |
| HA48 | <i>ecaudatus</i> Perty, 1850               |   |
| HA49 | <i>ovalis</i> Carlin, 1943                 |   |
| HA50 | Dicraniphoridae                            |   |
| HA51 | <i>Encentrum</i> Ehrenberg, 1838           |   |
| HA52 | <i>ambiguum</i> Tzschaschel, 1979          | Island of Sylt.                                     |
| HA53 | <i>axi</i> Tzschaschel, 1979               | Island of Sylt.                                     |
| HA54 | <i>eulitorale</i> Tzschaschel, 1979        | Island of Sylt.                                     |
| HA55 | <i>kostei</i> Tzschaschel, 1979            | Island of Sylt.                                     |
| HA56 | <i>listense</i> Tzschaschel, 1979          | Island of Sylt.                                     |
| HA57 | <i>longirostrum</i> Tzschaschel, 1979      | Island of Sylt.                                     |
| HA58 | <i>marinum</i> (Dujardin, 1841)            |   |
| HA59 | <i>obesum</i> Tzschaschel, 1979            | Island of Sylt.                                     |
| HA60 | <i>permutandum</i> Tzschaschel, 1979       | Island of Sylt.                                     |
| HA61 | <i>psammophilum</i> Tzschaschel, 1979      | Island of Sylt.                                     |
| HA62 | <i>sacculiforme</i> Tzschaschel, 1979      | Island of Sylt.                                     |
| HA63 | <i>simillimum</i> Remane, 1929             | Island of Sylt.                                     |
| HA64 | <i>striatum</i> Althaus, 1957              | Island of Sylt.                                     |
| HA65 | <i>wierzejskii</i> (Remane, 1949)          | Synonym: <i>Wierzejskiella marina</i> Remane, 1949. |
| HA66 | Asplanchnidae                              |   |
| HA67 | <i>Asplanchna</i> Gosse, 1850              |   |
| HA68 | <i>brightwelli</i> Gosse, 1850             | Brackish water.                                     |
| HA69 | <i>priodonta</i> Gosse, 1850               | Brackish water.                                     |
| HA70 | Synchaetidae                               |   |
| HA71 | <i>Polyarthra</i> Ehrenberg, 1834          |   |
| HA72 | <i>dolichoptera</i> Idelson, 1925          | Brackish water.                                     |
| HA73 | <i>remata</i> Skorikov, 1896               |   |
| HA74 | <i>vulgaris</i> Carlin, 1943               |   |
| HA75 | <i>Synchaeta</i> Ehrenberg, 1832           |   |
| HA76 | <i>atlantica</i> Zelinka, 1907             |   |
| HA77 | <i>baltica</i> Ehrenberg, 1838             |   |
| HA78 | <i>bicornis</i> Smith, 1904                |   |
| HA79 | <i>cecilia</i> Rousselet, 1902             |   |
| HA80 | <i>curvata</i> Lie-Pettersen, 1905         |   |
| HA81 | <i>grimpei</i> Remane, 1929                |   |
| HA82 | <i>gyrina</i> Hood, 1887                   |   |
| HA83 | <i>littoralis</i> Rousselet, 1902          |   |
| HA84 | <i>longipes</i> Gosse, 1887                | Brackish water.                                     |
| HA85 | <i>neapolitana</i> Rousselet, 1902         |   |
| HA86 | <i>pectinata</i> Ehrenberg, 1838           | Brackish water.                                     |
| HA87 | <i>stylata</i> Wierzejski, 1893            | Brackish water.                                     |

|       |                        |                           |                 |
|-------|------------------------|---------------------------|-----------------|
| HA88  | <i>tavina</i>          | Hood, 1893                |                 |
| HA89  | <i>triophthalma</i>    | Lauterborn, 1894          |                 |
| HA90  | <i>vorax</i>           | Rousselet, 1902           |                 |
| HA91  | <b>FLOSCULARIACEAE</b> |                           |                 |
| HA92  | Testudinellidae        |                           |                 |
| HA93  | <i>Filinia</i>         | Bory de St. Vincent, 1824 |                 |
| HA94  | <i>brachiata</i>       | (Rousselet, 1901)         | Brackish water. |
| HA95  | <i>cornuta</i>         | (Weisse, 1847)            | Brackish water. |
| HA96  | <i>longiseta</i>       | (Ehrenberg, 1884)         |                 |
| HA97  | <i>terminalis</i>      | (Plate, 1886)             | Brackish water. |
| HA98  | <i>Hexarthra</i>       | Schmarda, 1854            |                 |
| HA99  | <i>fennica fennica</i> | (Levander, 1892)          |                 |
| HA100 | <i>mira</i>            | (Hudson, 1871)            | Brackish water. |
| HA101 | <i>Pompholyx</i>       | Gosse, 1851               |                 |
| HA102 | <i>sulcata</i>         | Hudson, 1855              | Brackish water. |
| HA103 | <i>Testudinella</i>    | Bory de St. Vincent, 1826 |                 |
| HA104 | <i>clypeata</i>        | (Müller, 1786)            |                 |
| HA105 | <i>patina</i>          | (Hermann, 1783)           | Brackish water. |
| HA106 | Conochilidae           |                           |                 |
| HA107 | <i>Conochilus</i>      | Ehrenberg, 1834           |                 |
| HA108 | <i>unicornis</i>       | (Rousselet, 1892)         | Brackish water. |
| HA109 | <b>COLLOTHECACEAE</b>  |                           |                 |
| HA110 | Collothecidae          |                           |                 |
| HA111 | <i>Collotheca</i>      | Harring, 1913             |                 |
| HA112 | <i>mutabilis</i>       | (Hudson, 1885)            | Brackish water. |
| HA113 | <i>pelagica</i>        | (Rousselet, 1893)         | Brackish water. |
| HA114 | <b>BDELLOIDA</b>       |                           |                 |
| HA115 | Philodinidae           |                           |                 |
| HA116 | <i>Zelinkiella</i>     | Harring, 1913             |                 |
| HA117 | <i>synaptae</i>        | (Lankester, 1868)         |                 |
| HA118 | <b>SEISONIDEA</b>      |                           |                 |
| HA119 | Seisonidae             |                           |                 |
| HA120 | <i>Seison</i>          | Grube, 1859               |                 |
| HA121 | <i>annulatus</i>       | Claus, 1876               |                 |
| HA122 | <i>nebaliae</i>        | Grübe, 1859               |                 |

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# **GASTROTRICHA**

compiled by

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## GASTROTRICHA

## INTRODUCTION

Of some 500 nominal species in the phylum Gastrotricha in the world, about 300 have been reported from the marine environment. Of these, 141 are known from the British Isles and northern Europe, in the area covered by this directory. Gastrotrichs live interstitially in sandy substrata, both littoral and sub-littoral, with but a few species inhabiting muddy substrata. Classification of higher taxa is based on gross and fine structural anatomy, with emphasis on reproduction. Taxonomy at the species level is based on a holistic approach to metric, meristic and epistomic morphological characters. Many species have yet to be found and described.

The classification as given below is well accepted. All Gastrotricha appear to fall within a single group with the first distinction being made not at the level of class but at the level of order. The order Macrodasyida is divided directly into families, of which the Lepidodasyidae is the most likely to represent an unnatural grouping; macrodasyids are almost wholly marine. The order Chaetonotida is divided into two sub-orders; one has a single family, wholly marine, and the other has six families, of which one is wholly marine and a second has an abundance of marine representatives. Following intensive study, subfamilies have been designated for two families, one in each order.

The list of species is based on Hummon (in prep.). The classical study of marine gastrotrichs was made by Remane (1936). Useful reviews of the marine gastrotrichs are also provided by Voigt (1958), Rudescu (1967), d'Hondt (1971), Hummon (1982), Renaud-Mornant (1986), and Ruppert (1988).

## CLASSIFICATION

## Phylum GASTROTRICHA

## Order MACRODASYIDA

|  |      |
|--|------|
| Family <i>Dactylopodolidae</i> .....       | HB3  |
| Family <i>Lepidodasyidae</i> .....         | HB14 |
| Family <i>Macrodasyidae</i> .....          | HB36 |
| Family <i>Planodasyidae</i> .....          | HB45 |
| Family <i>Thaumastodermatidae</i> .....    | HB50 |
| Subfamily <i>Diplodasyinae</i> .....       | HB51 |
| Subfamily <i>Thaumastodermatinae</i> ..... | HB61 |
| Family <i>Turbanellidae</i> .....          | HB91 |

## Order CHAETONOTIDA

## Suborder MULTITUBULATINA

|                                 |       |
|---------------------------------|-------|
| Family <i>Neodasyidae</i> ..... | HB118 |
|---------------------------------|-------|

## Suborder PAUCITUBULATINA

|   |       |
|---|-------|
| Family <i>Chaetonotidae</i> .....       | HB123 |
| Family <i>Xenotrichulidae</i> .....     | HB176 |
| Subfamily <i>Draculiciterinae</i> ..... | HB177 |
| Subfamily <i>Xenotrichulinae</i> .....  | HB180 |



Phylum GASTROTRICHA

|      |  |  |
|------|--|--|
| HB1  | <b>GASTROTRICHA</b>                      |  |
| HB2  | <b>MACRODASYIDA</b>                      |  |
| HB3  | Dactylopodolidae                         |  |
| HB4  | <i>Dactylopodola</i> Strand, 1929        |  |
| HB5  | <i>baltica</i> (Remane, 1926)            | Widespread, very common.   |
| HB6  | <i>cornuta</i> (Swedmark, 1956)          | Widespread.  |
| HB7  | <i>roscovita</i> (Swedmark, 1967)        | France.  |
| HB8  | <i>typhle</i> (Remane, 1927)             | Widespread, common. Synonym: <i>D. weilli</i> d'Hondt, 1965.                                 |
| HB9  | <i>Dendrodasys</i> Wilke, 1954           |  |
| HB10 | <i>gracilis</i> Wilke, 1954              | Scotland.  |
| HB11 | <i>Xenodasys</i> Swedmark, 1967          |  |
| HB12 | <i>riedli</i> (Schoepfer-Sterrer, 1969)  | Scotland.  |
| HB13 | <i>sanctigoulvini</i> Swedmark, 1967     | France.  |
| HB14 | Lepidodasyidae                           |  |
| HB15 | <i>Cephalodasys</i> Remane, 1926         |  |
| HB16 | <i>ambriensis</i> (Boaden, 1963)         | Widespread.  |
| HB17 | <i>littoralis</i> Renaud-Debyser, 1964   | Scotland, France.  |
| HB18 | <i>maximus</i> Remane, 1926              | Widespread.  |
| HB19 | <i>turbanelloides</i> (Boaden, 1960)     | Widespread, Very common.   |
| HB20 | <i>Dolichodasys</i> Gagne, 1977          |  |
| HB21 | <i>carolinensis</i> Ruppert & Shaw, 1977 | Scotland.  |
| HB22 | <i>elongatus</i> Gagne, 1977             | Widespread.  |
| HB23 | <i>Lepidodasys</i> Remane, 1926          |  |
| HB24 | <i>martini</i> Remane, 1926              | Widespread.  |
| HB25 | <i>platyurus</i> Remane, 1927            | Widespread, occasional.  |
| HB26 | <i>Megadasys</i> Schmidt, 1974           |  |
| HB27 | <i>sterrei</i> (Boaden, 1974)            | Widespread. Synonym: <i>M. minor</i> Kisielewski, 1987.                                      |
| HB28 | <i>Mesodasys</i> Remane, 1951            |  |
| HB29 | <i>laticaudatus</i> Remane, 1951         | Widespread, common. Synonym: <i>M. lobocercus</i> (Boaden, 1960).                            |
| HB30 | <i>littoralis</i> Remane, 1951           | Widespread.  |
| HB31 | <i>Paradasys</i> Remane, 1934            |  |
| HB32 | <i>hexadactylis</i> Karling, 1954        | Widespread, occasional.  |
| HB33 | <i>subterraneus</i> Remane, 1934         | Widespread.  |
| HB34 | <i>Pleurodasys</i> Remane, 1927          |  |
| HB35 | <i>helgolandicus</i> Remane, 1927        | Synonym: <i>P. megasoma</i> (Boaden, 1963).  |
| HB36 | Macrodasysidae                           |  |
| HB37 | <i>Macrodasys</i> Remane, 1924           |  |
| HB38 | <i>affinis</i> Remane, 1936              | Restricted; known only by its reproductive organs.   |
| HB39 | <i>buddenbrocki</i> Remane, 1924         | Widespread.  |
| HB40 | <i>caudatus</i> Remane, 1927             | Widespread, very common.   |
| HB41 | <i>cephalatus</i> Remane, 1927           | Restricted, occasional.  |
| HB42 | <i>remanei</i> Boaden, 1963              | Restricted.  |
| HB43 | <i>Urodasys</i> Remane, 1926             |  |
| HB44 | <i>mirabilis</i> Remane, 1926            | Restricted, occasional. Synonym: <i>U. roscovensis</i> (Kisielewski, 1987).                  |
| HB45 | Planodasyidae                            |  |
| HB46 | <i>Crasiella</i> Clausen, 1968           |  |
| HB47 | <i>diplura</i> Clausen, 1968             | Scotland, Norway.  |
| HB48 | <i>oceanica</i> d'Hondt, 1974            | France.  |
| HB49 | <i>Planodasys</i>                        |  |
| HB50 | Thaumastodermatidae                      |  |
| HB51 | Diplodasyinae                            |  |
| HB52 | <i>Acanthodasys</i> Remane, 1927         |  |
| HB53 | <i>aculeatus</i> Remane, 1927            | Widespread, common.  |
| HB54 | <i>arcassonensis</i> Kisielewski, 1987   | France.  |
| HB55 | <i>Diplodasys</i> Remane, 1927           |  |
| HB56 | <i>ankeli</i> Wilke, 1954                | Widespread, occasional.  |
| HB57 | <i>caudatus</i> Kisielewski, 1987        | France.  |
| HB58 | <i>minor</i> Remane, 1927                | Widespread, occasional.  |
| HB59 | <i>swedmarki</i> Kisielewski, 1987       | France.  |
| HB60 | <i>Hemidasys</i> Claparède, 1867         |  |
| HB61 | Thaumastodermatinae                      |  |
| HB62 | <i>Platydasys</i> Remane, 1927           |  |
| HB63 | <i>brachycephalus</i> Levi, 1954         | N. Ireland, France.  |
| HB64 | <i>mastigurus</i> Clausen, 1965          | Norway.  |
| HB65 | <i>maximus</i> Remane, 1927              | Widespread, occasional.  |
| HB66 | <i>ocellatus</i> Clausen, 1965           | Norway.  |
| HB67 | <i>rarus</i> Forneris, 1961              | Restricted, occasional.  |
| HB68 | <i>ruber</i> Swedmark, 1956              | France.  |
| HB69 | <i>Pseudostomella</i> Swedmark, 1956     |  |
| HB70 | <i>roscovita</i> Swedmark, 1956          | Widespread, very common.   |
| HB71 | <i>Ptychostomella</i> Remane, 1926       |  |
| HB72 | <i>ommatophora</i> Remane, 1927          | Germany, Denmark, Sweden.  |
| HB73 | <i>pectinata</i> Remane, 1926            | Germany, Denmark.  |
| HB74 | <i>Tetranchyroderma</i> Remane, 1926     |  |
| HB75 | <i>antennatum</i> Luporini et al, 1970   | France.  |
| HB76 | <i>apum</i> Remane, 1927                 | Widespread, occasional.  |
| HB77 | <i>cirrophora</i> Levi, 1950             | N. Ireland, Channel Isles, France.   |
| HB78 | <i>coeliopodium</i> Boaden, 1963         | Restricted, occasional.  |
| HB79 | <i>dragescoi</i> Swedmark, 1967          | France.  |
| HB80 | <i>hystrix</i> Remane, 1926              | Wales, Germany, France.  |
| HB81 | <i>massiliense</i> Swedmark, 1956        | France.  |
| HB82 | <i>megastomum</i> (Remane, 1927)         | Widespread, very common; morphologically variable. Synonym: <i>T. suecicum</i> Boaden, 1960. |
| HB83 | <i>polyacanthum</i> (Remane, 1927)       | Widespread, occasional.  |
| HB84 | <i>tribolosum</i> Clausen, 1965          | Restricted, common.  |
| HB85 | <i>Thaumastoderma</i> Remane, 1926       |  |

|       |  |   |
|-------|--|---|
| HB86  | <i>cantacuzeni</i> Levi, 1958                            | France.   |
| HB87  | <i>heideri</i> Remane, 1926                              | Widespread.   |
| HB88  | <i>ramuliferum</i> Clausen, 1965                         | Widespread.   |
| HB89  | <i>renaudae</i> Kisielewski, 1987                        | France.   |
| HB90  | <i>swedmarki</i> Levi, 1959                              | France.   |
| HB91  | Turbanellidae  |   |
| HB92  | <i>Desmodasys</i> Clausen, 1965                          |   |
| HB93  | <i>phocoides</i> Clausen, 1965                           | Norway.   |
| HB94  | <i>Dinodasys</i> Remane, 1927                            |   |
| HB95  | <i>mirabilis</i> Remane, 1927                            | Widespread, occasional.   |
| HB96  | <i>Paraturbanella</i> Remane, 1927                       |   |
| HB97  | <i>armoricana</i> (Swedmark, 1954)                       | France.   |
| HB98  | <i>cuanensis</i> Maguire, 1976                           | British Isles.  |
| HB99  | <i>dohrni</i> Remane, 1927                               | Widespread, very common.  |
| HB100 | <i>eireanna</i> Maguire, 1976                            | N. Ireland.   |
| HB101 | <i>pallida</i> Luporini et al, 1971                      | England.  |
| HB102 | <i>teissieri</i> Swedmark, 1954                          | Widespread, very common.  |
| HB103 | <i>Pseudoturbanella</i> d'Hondt, 1968                    |   |
| HB104 | <i>stylifera</i> d'Hondt, 1968                           | France.   |
| HB105 | <i>Turbanella</i> Schultze, 1853                         |   |
| HB106 | <i>ambroensis</i> Remane, 1943                           | Widespread, very common. Synonym: <i>T. digitifera</i> (d'Hondt, 1965). |
| HB107 | <i>bocqueti</i> Kaplan, 1958 <i>sensu</i> Boaden, 1974   | Widespread, common.   |
| HB108 | <i>cornuta</i> Remane, 1925                              | Synonym: <i>T. varians</i> (Maguire, 1976).                             |
| HB109 | <i>hyalina</i> Schultze, 1853                            | Widespread, very common. Synonym: <i>T. varians</i> (Maguire, 1976).    |
| HB110 | <i>lutheri</i> Remane, 1952                              | Restricted.   |
| HB111 | <i>multidigitata</i> Kisielewski, 1987                   | France.   |
| HB112 | <i>otti</i> Schrom                                       | Widespread, occasional. Synonym: <i>T. mustela</i> (Wieser, 1957).      |
| HB113 | <i>plana</i> (Giard, 1904)                               | France.   |
| HB114 | <i>remanei</i> Forneris, 1961                            | Germany.  |
| HB115 | <i>subterranea</i> Remane, 1934                          | Widespread.   |
| HB116 | <b>CHAETONOTIDA</b>                                      |   |
| HB117 | <b>MULTITUBULATINA</b>                                   |   |
| HB118 | Neodasyidae  |   |
| HB119 | <i>Neodasys</i> Remane, 1927                             |   |
| HB120 | <i>chaetonotoideus</i> Remane, 1927                      | Widespread, very common.  |
| HB121 | <i>uchidai</i> Remane, 1961                              | Widespread, occasional.   |
| HB122 | <b>PAUCITUBULATINA</b>                                   |   |
| HB123 | Chaetonotidae  |   |
| HB124 | <i>Aspidiophorus</i> Voigt, 1904                         |   |
| HB125 | <i>bisquamosus</i> Mock, 1979                            | Germany.  |
| HB126 | <i>marinus</i> Remane, 1926                              | Widespread.   |
| HB127 | <i>mediterraneus</i> Remane, 1927                        | Widespread, common.   |
| HB128 | <i>ornatus</i> Mock, 1979                                | Germany.  |
| HB129 | <i>paramediterraneus</i> Hummon, 1974                    | Widespread, very common.  |
| HB130 | <i>Chaetonotus</i> Ehrenberg, 1830                       |   |
| HB131 | <i>atrox</i> Wilke, 1954                                 | Widespread, occasional.   |
| HB132 | <i>balticus</i> Remane, 1926                             | Germany.  |
| HB133 | <i>condensus</i> Mock, 1979                              | Germany.  |
| HB134 | <i>dispar</i> Wilke, 1954                                | Widespread, occasional.   |
| HB135 | <i>inaequidentatus</i> Kisielewski, 1988                 | Channel Isles, France.  |
| HB136 | <i>lacunosus</i> Mock, 1979                              | Widespread.   |
| HB137 | <i>larus</i> (Müller, 1773)                              | England.  |
| HB138 | <i>linguaeformis</i> Voigt, 1904                         | Netherlands.  |
| HB139 | <i>marinus</i> Giard, 1904                               | France.   |
| HB140 | <i>maximus</i> Ehrenberg, 1831                           | Widespread, occasional.   |
| HB141 | <i>neptuni</i> Wilke, 1954                               | France, Belgium.  |
| HB142 | <i>oceanides</i> d'Hondt, 1971                           | France.   |
| HB143 | <i>parthenopeius</i> Wilke, 1954                         | Widespread.   |
| HB144 | <i>somniculosus</i> Mock, 1979                           | Germany, Denmark.   |
| HB145 | <i>tempestivus</i> Mock, 1979                            | Germany.  |
| HB146 | <i>variosquamatus</i> Mock, 1979                         | Widespread.   |
| HB147 | <i>Halichaetonotus</i> Remane, 1936                      |   |
| HB148 | <i>aculifer</i> (Gerlach, 1953)                          | Widespread, very common.  |
| HB149 | <i>arenarius</i> (d'Hondt, 1971)                         | France.   |
| HB150 | <i>atlanticus</i> Kisielewski, 1988                      | Widespread, occasional.   |
| HB151 | <i>batillifer</i> (Luporini et al, 1972)                 | Widespread, very common.  |
| HB152 | <i>dubius</i> (Remane, 1926)                             | Widespread; incorrectly known as <i>H. decipiens</i> .                  |
| HB153 | <i>jucundus</i> (d'Hondt, 1971a <i>sensu</i> Mock, 1979) | Widespread, very common.  |
| HB154 | <i>littoralis</i> (d'Hondt, 1971)                        | France.   |
| HB155 | <i>paradoxus</i> (Remane, 1927)                          | Widespread, occasional.   |
| HB156 | <i>pleuracanthus</i> (Remane, 1926)                      | Widespread.   |
| HB157 | <i>schromi</i> Kisielewski, 1975                         | Germany.  |
| HB158 | <i>spinosus</i> Mock, 1979                               | France, Germany.  |
| HB159 | <i>tentaculatus</i> (d'Hondt, 1971a)                     | France.   |
| HB160 | <i>Heterolepidoderma</i> Remane, 1926                    |   |
| HB161 | <i>arenosum</i> Kisielewski, 1988                        | Channel Isles, France, Belgium.   |
| HB162 | <i>armatum</i> Schrom, 1966                              | Netherlands.  |
| HB163 | <i>axi</i> Mock, 1979                                    | Germany.  |
| HB164 | <i>clipeatum</i> Schrom, 1972                            | Belgium.  |
| HB165 | <i>foliatum</i> Renaud-Mornant, 1967                     | France.   |
| HB166 | <i>grandiculum</i> Mock, 1979                            | Denmark, France.  |
| HB167 | <i>marinum</i> Remane, 1926                              | Widespread, occasional.   |
| HB168 | <i>Ichthydium</i> Ehrenberg, 1830                        |   |
| HB169 | <i>hummoni</i> Ruppert, 1977                             | France, Germany.  |
| HB170 | <i>ruperti</i> Mock, 1979                                | Germany.  |
| HB171 | <i>supralitoralis</i> Mock, 1979                         | Germany.  |
| HB172 | <i>Lepidodermella</i> Blake, 1933                        |   |
| HB173 | <i>limogena</i> Schrom, 1972                             | Scotland.   |

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|       |   |                          |
|-------|---|--------------------------|
| HB174 | <i>Musellifer</i> Hummon, 1969          |                          |
| HB175 | <i>profundus</i> Vivier, 1974           | Scotland.                |
| HB176 | Xenotrichulidae                         |                          |
| HB177 | Draculiciterinae                        |                          |
| HB178 | <i>Draculiciteria</i> Hummon, 1974      |                          |
| HB179 | <i>tesselata</i> (Renaud-Mornant, 1968) | Widespread, common.      |
| HB180 | Xenotrichulinae                         |                          |
| HB181 | <i>Heteroxenotrichula</i> Wilke, 1954   |                          |
| HB182 | <i>affinis</i> (Remane, 1934)           | Widespread.              |
| HB183 | <i>arcassonensis</i> Ruppert, 1979      | England, France.         |
| HB184 | <i>pygmaea</i> (Remane, 1934)           | Widespread, occasional.  |
| HB185 | <i>squamosa</i> Wilke, 1954             | Widespread.              |
| HB186 | <i>subterranea</i> (Remane, 1934)       | Widespread.              |
| HB187 | <i>wilkeae</i> Ruppert, 1979            | France, Germany.         |
| HB188 | <i>Xenotrichula</i> Remane, 1927        |                          |
| HB189 | <i>bispina</i> Roszczak, 1979           | Germany.                 |
| HB190 | <i>carolinensis</i> Ruppert, 1979       | Germany.                 |
| HB191 | <i>cornuta</i> Wilke, 1954              | France.                  |
| HB192 | <i>intermedia</i> Remane, 1934          | Widespread, very common. |
| HB193 | <i>micracantha</i> (Remane, 1934)       | Widespread, occasional.  |
| HB194 | <i>punctata</i> Wilke, 1954             | Widespread, occasional.  |
| HB195 | <i>quadrītubulata</i> Kisielowski, 1988 | France.                  |
| HB196 | <i>simplex</i> Mock, 1979               | Germany.                 |
| HB197 | <i>velox</i> Remane, 1927               | Widespread, common.      |

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# **KINORHYNCHA**

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# KINORHYNCHA

## INTRODUCTION

The Kinorhyncha is a phylum of marine interstitial meiofaunal pseudocoelomates which are rarely abundant. As few identification guides exist (worldwide), kinorhynchs are often recognised to phylum during sample sorting but are not identified further. Since Zelinka's monograph in 1928, the most notable work has been that of Higgins (e.g. Higgins, 1971, with review; 1983). There are few British records comprising some 15 species, but almost any future sampling for the group is likely to uncover new species (for Britain or for the world). Brady (1903) mentions "*Echinoderes pellucida* Reinhard" (= *Pycnophyes kielensis* Zelinka) from "the Yorkshire coast". Southern (1914) lists five species from western Ireland, Zelinka (1928) records three species from British waters, McIntyre (1962) six species plus larvae from Scottish waters, Moore (1973) one *Campyloderes* species from north-eastern England and Berwickshire, Higgins (1985) four species of *Echinoderes* from the English Channel, and Bamber (1989) three species from the north-east coast of England. The checklist is based on these records in the light of the collation by Higgins (1983).

## CLASSIFICATION

### Phylum KINORHYNCHA

#### Order CYCLORHAGIDA

##### Suborder CYCLORHAGAE

Family Echinoderidae ..... HC4

Family Centroderidae ..... HC12

##### Suborder CONCHORAGAE

Family Semnoderidae ..... HC20

#### Order HOMALORHAGIDA

Family Pycnophyidae ..... HC24

Family Neocentrophyidae ..... HC31

### Phylum KINORHYNCHA

|      |                                       |  |
|------|---------------------------------------|--|
| HC1  | <b>KINORHYNCHA</b>                    |  |
| HC2  | <b>CYCLORHAGIDA</b>                   |  |
| HC3  | <b>CYCLORHAGAE</b>                    |  |
| HC4  | Echinoderidae                         |  |
| HC5  | <i>Echinoderes</i> Claparède, 1863    |  |
| HC6  | <i>dujardinii</i> Claparède, 1863     |  |
| HC7  | <i>elongatus</i> (Nyholm, 1947)       |  |
| HC8  | <i>krishnaswamyi</i> Higgins, 1985    |  |
| HC9  | <i>kristenseni</i> Higgins, 1985      | Only known from Roscoff (the type-locality) to date. |
| HC10 | <i>setiger</i> Zelinka, 1928          |  |
| HC11 | <i>worthingi</i> Southern, 1914       |  |
| HC12 | Centroderidae                         |  |
| HC13 | <i>Centroderes</i> Zelinka, 1907      |  |
| HC14 | <i>spinosus</i> (Reinhard, 1881)      |  |
| HC15 | <i>Campyloderes</i> Zelinka, 1913     |  |
| HC16 | <i>macquariae</i> Johnston, 1938      |  |
| HC17 | <i>Condyloderes</i> Higgins, 1969     |  |
| HC18 | <i>multispinosus</i> (McIntyre, 1962) |  |
| HC19 | <b>CONCHORAGAE</b>                    |  |
| HC20 | Semnoderidae                          |  |
| HC21 | <i>Semnoderes</i> Zelinka, 1907       |  |
| HC22 | <i>armiger</i> Zelinka, 1928          |  |
| HC23 | <b>HOMALORHAGIDA</b>                  |  |
| HC24 | Pycnophyidae                          |  |
| HC25 | <i>Pycnophyes</i> Zelinka, 1907       |  |
| HC26 | <i>calmani</i> Southern, 1914         |  |
| HC27 | <i>dentatus</i> (Reinhard, 1881)      |  |
| HC28 | <i>denticulatus</i> (Zelinka, 1928)   |  |
| HC29 | <i>kielensis</i> Zelinka, 1928        |  |
| HC30 | <i>zelinkae</i> Southern, 1914        |  |
| HC31 | Neocentrophyidae                      |  |
| HC32 | <i>Paracentrophyes</i> Higgins, 1983  |  |
| HC33 | <i>quadridentatus</i> (Zelinka, 1928) |  |

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# NEMATODA

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## NEMATODA

## INTRODUCTION

The phylum Nematoda consists of small multicellular vermiform organisms which can be found in almost every conceivable environment. Apart from existing as freeliving forms in soil, freshwater and marine benthic habitats, they also parasitise plants and other animals, including man. The whole phylum currently contains some 20,000 nominal species. About 4000 species are freeliving marine forms and, of these, some 450 representing 154 genera have so far been reported from the British Isles. The present list is based on the series of Linnean Society Synopses by Platt & Warwick (1983, 1988, in prep).

## CLASSIFICATION

## Phylum NEMATODA

## Class ADENOPHOREA

## Order ENOPLIDA

## Suborder ENOPLINA

|                                 |       |
|---------------------------------|-------|
| Family Enoplidae .....          | HD6   |
| Family Thoracostomopsidae ..... | HD13  |
| Family Anoplostomatidae .....   | HD41  |
| Family Phanodermatidae .....    | HD46  |
| Family Anticomidae .....        | HD53  |
| Family Ironidae .....           | HD58  |
| Family Leptosomatidae .....     | HD67  |
| Family Oxystominidae .....      | HD85  |
| Family Oncholaimidae .....      | HD103 |
| Family Enchelidiidae .....      | HD135 |

## Suborder TRIPYLOIDINA

|                               |       |
|-------------------------------|-------|
| Family Tripyloididae .....    | HD150 |
| Family Rhabdodemaniidae ..... | HD164 |

## Order TREFUSIIDA

|                          |       |
|--------------------------|-------|
| Family Trefusiidae ..... | HD170 |
|--------------------------|-------|

## Order CHROMADORIDA

## Suborder CHROMADORINA

|                               |       |
|-------------------------------|-------|
| Family Chromadoridae .....    | HD179 |
| Family Comesomatidae .....    | HD247 |
| Family Ethmolaimidae .....    | HD267 |
| Family Cyatholaimidae .....   | HD284 |
| Family Selachinematidae ..... | HD324 |
| Family Desmodoridae .....     | HD340 |
| Family Epsilonematidae .....  | HD379 |
| Family Draconematidae .....   | HD382 |
| Family Microlaimidae .....    | HD392 |
| Family Monoposthiidae .....   | HD413 |

## Suborder LEPTOLAIMINA

|                              |       |
|------------------------------|-------|
| Family Leptolaimidae .....   | HD420 |
| Family Haliplectidae .....   | HD447 |
| Family Tarvaiidae .....      | HD451 |
| Family Aegialolaimidae ..... | HD454 |
| Family Tubolaimoididae ..... | HD462 |
| Family Ceramonematidae ..... | HD466 |

## Suborder DESMOSCOLECINA

|                              |       |
|------------------------------|-------|
| Family Meyliidae .....       | HD477 |
| Family Desmoscolecidae ..... | HD480 |

## Order MONHYSTERIDA

|                              |       |
|------------------------------|-------|
| Family Monhysteridae .....   | HD491 |
| Family Xyalidae .....        | HD502 |
| Family Sphaerolaimidae ..... | HD552 |



|                          |                                     |       |
|--------------------------|-------------------------------------|-------|
|                          | Family <b>Siphonolaimidae</b> ..... | HD561 |
|                          | Family <b>Linhomoeidae</b> .....    | HD566 |
|                          | Family <b>Axonolaimidae</b> .....   | HD589 |
|                          | Family <b>Diplopeltidae</b> .....   | HD611 |
|                          | Family <b>Coninckiidae</b> .....    | HD625 |
| Order <b>SECERNENTEA</b> |                                     |       |
|                          | Family <b>Rhabditidae</b> .....     | HD630 |

Phylum NEMATODA

|      |   |  |   |
|------|---|--|---|
| HD1  | <b>NEMATODA</b>                         |  |   |
| HD2  | <b>ADENOPHOREA</b>                      |  |   |
| HD3  | <b>ENOPLIA</b>                          |  |   |
| HD4  | <b>ENOPLIDA</b>                         |  |   |
| HD5  | <b>ENOPLINA</b>                         |  |   |
| HD6  | Enoplidae                               |  |   |
| HD7  | <i>Enoplus</i> Dujardin, 1845           |  |   |
| HD8  | <i>brevis</i> Bastian, 1865             |  | A common species in the muddy intertidal or shallow sublittoral, often in areas of reduced salinity.  |
| HD9  | <i>communis</i> Bastian, 1865           |  | A very common species, typically found in seaweeds and holdfasts intertidally or in shallow water.  |
| HD10 | <i>paralittoralis</i> Wieser, 1953      |  | Only males found to date. Exe estuary (high on the shore in muddy sand); Isles of Scilly (rotting seaweed on strandline).   |
| HD11 | <i>quadridentatus</i> Berlin, 1853      |  | Isles of Scilly (intertidal seaweeds). May have been confused with <i>E. communis</i> in the past.  |
| HD12 | <i>schulzi</i> Gerlach, 1952            |  | Exe estuary (gravelly sand at High Water Spring Tide level).  |
| HD13 | Thoracostomopsidae                      |  |   |
| HD14 | <i>Enoploides</i> Ssaweljev, 1912       |  |   |
| HD15 | <i>brunettii</i> Gerlach, 1953          |  | Exe estuary; Isles of Scilly (intertidal sand).   |
| HD16 | <i>labrostriatus</i> (Southern, 1914)   |  | Co. Mayo (sublittoral sand and shells, 44m depth.)  |
| HD17 | <i>longispiculosus</i> Vitiello, 1967   |  | Exe estuary; Strangford Lough; Loch Etive (intertidal fine to muddy sand).  |
| HD18 | <i>spiculohamatus</i> Schulz, 1932      |  | Isle of Cumbrae (medium coarse sand at 6m depth).   |
| HD19 | <i>Enoplolaimus</i> De Man, 1893        |  |   |
| HD20 | <i>denticulatus</i> Warwick, 1970       |  | Exe estuary; Isles of Scilly (intertidal sand).   |
| HD21 | <i>litoralis</i> Schulz, 1936           |  | Exe estuary; Isles of Scilly (intertidal sand).   |
| HD22 | <i>longicaudatus</i> (Southern, 1914)   |  | Co. Mayo (sand and shells at 44m depth).  |
| HD23 | <i>propinquus</i> De Man, 1922          |  | Northern Ireland; Exe estuary; Loch Ewe; Clyde (all intertidal sand).   |
| HD24 | <i>subterraneus</i> Gerlach, 1952       |  | Exe estuary (intertidal sand).  |
| HD25 | <i>vulgaris</i> De Man, 1893            |  | Falmouth (intertidal sand).   |
| HD26 | <i>Epacanthion</i> Wieser, 1953         |  |   |
| HD27 | <i>buetschlii</i> (Southern, 1914)      |  | Clew Bay and Dingle Bay, west Ireland (sublittoral sand).   |
| HD28 | <i>gorgonocephalum</i> Warwick, 1970    |  | Exe estuary; Isles of Scilly (intertidal sand).   |
| HD29 | <i>mawsoni</i> Warwick, 1977            |  | Isles of Scilly (coarse sublittoral sediment).  |
| HD30 | <i>Mesacanthion</i> Filipjev, 1927      |  |   |
| HD31 | <i>africanthiforme</i> Warwick, 1970    |  | Exe estuary; Isles of Scilly (intertidal sand).   |
| HD32 | <i>diplechma</i> (Southern, 1914)       |  | Co. Mayo (sublittoral sand); Northumberland (sublittoral mud).  |
| HD33 | <i>hirsutum</i> Gerlach, 1952           |  | Exe estuary (intertidal sand).  |
| HD34 | <i>Paramesacanthion</i> Wieser, 1953    |  |   |
| HD35 | <i>hirsutum</i> Warwick, 1970           |  | Northumberland (sublittoral fine sand and mud).   |
| HD36 | <i>marei</i> Warwick, 1970              |  | Northumberland (sublittoral mud).   |
| HD37 | <i>Thoracostomopsis</i> Ditlevsen, 1918 |  |   |
| HD38 | <i>doveae</i> Warwick, 1970             |  | North east England ( <i>Laminaria</i> holdfasts).   |
| HD39 | <i>Trileptium</i> Cobb, 1933            |  |   |
| HD40 | <i>parisetum</i> Warwick & Platt, 1973  |  | Loch Ewe (intertidal sand).   |
| HD41 | Anoplostomatidae                        |  |   |
| HD42 | <i>Anoplostoma</i> Butschli, 1874       |  |   |
| HD43 | <i>viviparum</i> (Bastian, 1865)        |  | Widely distributed on sand and mud in estuaries.  |
| HD44 | <i>Chaetonema</i> Filipjev, 1927        |  |   |
| HD45 | <i>riemanni</i> Platt, 1973             |  | Strangford Lough (intertidal sand).   |
| HD46 | Phanodermatidae                         |  |   |
| HD47 | <i>Crenopharynx</i> Filipjev, 1934      |  |   |
| HD48 | <i>marioni</i> (Southern, 1914)         |  | West Ireland (sand and shells at 44m); Isles of Scilly (shell gravel at 52m).   |
| HD49 | <i>Phanoderma</i> Bastian, 1865         |  |   |
| HD50 | <i>albidum</i> Bastian, 1865            |  | Falmouth (on weed in tide-pool); Plymouth (on seaweed); Northumberland (kelp holdfast); Isles of Scilly (seaweed and kelp holdfast). Males have not yet been found. |
| HD51 | <i>cocksii</i> Bastian, 1869            |  | Falmouth (on weed in tide-pool). Synonym: <i>P. parafilipjevi</i> .   |
| HD52 | <i>laticolle</i> (Marion, 1870)         |  | West Ireland; east England (needs substantiation).  |
| HD53 | Anticomidae                             |  |   |
| HD54 | <i>Anticomia</i> Bastian, 1865          |  |   |
| HD55 | <i>acuminata</i> (Eberth, 1863)         |  | Widely distributed in the intertidal on sand and seaweed.   |
| HD56 | <i>eberthi</i> Bastian, 1865            |  | Widely distributed.   |
| HD57 | <i>pellucida</i> Bastian, 1865          |  | May not be distinguishable from <i>A. acuminata</i> .   |
| HD58 | Ironidae                                |  |   |
| HD59 | <i>Dolicholaimus</i> De Man, 1888       |  |   |
| HD60 | <i>marioni</i> De Man, 1888             |  | Plymouth; Isles of Scilly (intertidal algae).   |
| HD61 | <i>Thalassironus</i> De Man, 1889       |  |   |
| HD62 | <i>britannicus</i> De Man, 1889         |  | Penzance; Isles of Scilly; west Ireland (intertidal and   |

|       |  |   |
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| HD63  | <i>Trissonchulus</i> Cobb, 1920                        | subtidal sand).   |
| HD64  | <i>benepapillosus</i> (Schulz, 1935)                   | Exe estuary (intertidal sand).  |
| HD65  | <i>obtusus</i> (Bresslau & Stekhoven, 1935)            | Isles of Scilly ( <i>Laminaria</i> holdfasts).  |
| HD66  | <i>oceanus</i> Cobb, 1920                              | North east England ( <i>Laminaria</i> holdfasts).   |
| HD67  | Leptosomatidae   |   |
| HD68  | <i>Cylicolaimus</i> De Man, 1889                       |   |
| HD69  | <i>magnus</i> (Villot, 1875)                           | Widely distributed (intertidal and subtidal).   |
| HD70  | <i>Leptosomatides</i> Filipjev, 1918                   |   |
| HD71  | <i>euxinus</i> Filipjev, 1918                          | Isles of Scilly (kelp holdfasts).   |
| HD72  | <i>Leptosomatium</i> Bastian, 1865                     |   |
| HD73  | <i>elongatum</i> Bastian, 1865                         | Falmouth (in sponge); Plymouth (among hydroids); Northumberland (kelp holdfasts); Isles of Scilly (sublittoral among sponges and hydroids).   |
| HD74  | <i>Platycoma</i> Cobb, 1894                            |   |
| HD75  | <i>cephalata</i> Cobb, 1894                            | West Ireland (sand and shells at 44m).  |
| HD76  | <i>Pseudocecella</i> Filipjev, 1927                    |   |
| HD77  | <i>coecum</i> (Ssaweljev, 1912)                        | Northumberland (sublittoral fine sediment).   |
| HD78  | <i>trichodes</i> (Leuckart, 1849)                      | West Ireland (under stones); Plymouth (among seaweed); Northumberland (in intertidal crevices and kelp holdfasts); Isles of Scilly (among seaweed).   |
| HD79  | <i>Synonchus</i> Cobb, 1894                            | Considered identical to <i>Eusynonchus</i> Platonova 1970 by Platt and Warwick (1983). Species in this genus are still poorly known.  |
| HD80  | <i>brevisetosus</i> (Southern, 1914)                   | Co. Mayo (sublittoral, sand and shells); Isles of Scilly (sublittoral, coarse bottoms); Anglesey (coarse shell gravel beach).   |
| HD81  | <i>fasciculatus</i> Cobb, 1894                         | Isles of Scilly (sublittoral among worm tubes, sand and gravel).  |
| HD82  | <i>longisetosus</i> (Southern, 1914)                   | Co. Mayo (sublittoral, sand bottom); Northumberland (kelp holdfasts).   |
| HD83  | <i>Thoracostoma</i> Marion, 1870                       |   |
| HD84  | <i>coronatum</i> (Eberth, 1863)                        | West Ireland (under stones, amongst weed, on shore to 50m); Plymouth (amongst weed and hydroids); Falmouth (in sponge and weed); Northumberland (kelp holdfasts); Isles of Scilly (amongst weed, sponges, hydroids, debris and kelp holdfasts).                                   |
| HD85  | Oxystominidae  |   |
| HD86  | <i>Halalaimus</i> De Man, 1888                         |   |
| HD87  | <i>capitulatus</i> Boucher, 1977                       | Loch Ewe (intertidal sand).   |
| HD88  | <i>gracilis</i> De Man, 1888                           | Plymouth (on red seaweed); Exe estuary (fine sand); Blyth estuary (intertidal mud). A common European species.  |
| HD89  | <i>isaitshikovi</i> (Filipjev, 1927)                   | Northumberland (fine sublittoral sand).   |
| HD90  | <i>leptosoma</i> (Southern, 1914)                      | West Ireland. Record requires substantiation.   |
| HD91  | <i>longicaudatus</i> (Filipjev, 1927)                  | Northumberland (fine sublittoral sand).   |
| HD92  | <i>longicollis</i> Allgen, 1932                        | North Sea (kelp holdfasts). Record requires substantiation.   |
| HD93  | <i>Oxystomina</i> Filipjev, 1921                       |   |
| HD94  | <i>asetosa</i> (Southern, 1914)                        | Co. Mayo (sublittoral sand and shells).   |
| HD95  | <i>elongata</i> (Butschli, 1874)                       | Blyth estuary; Skippers Island, Essex; Exe estuary (intertidal mud and muddy sand).   |
| HD96  | <i>unguiculata</i> Stekhoven, 1935                     | Blyth estuary. Record needs substantiation.   |
| HD97  | <i>Nemanema</i> Cobb, 1920                             |   |
| HD98  | <i>cylindratocaudatum</i> (De Man, 1922)               | Exe estuary (intertidal mud).   |
| HD99  | <i>Paroxystomina</i> Micoletzky, 1924                  |   |
| HD100 | <i>asymmetrica</i> Micoletzky, 1924                    | Northumberland; Isles of Scilly (kelp holdfasts).   |
| HD101 | <i>Thalassoalaimus</i> De Man, 1893                    |   |
| HD102 | <i>tardus</i> De Man, 1893                             | Plymouth (intertidal algae); Blyth estuary (intertidal mud); Skippers Island, Essex (intertidal mud); Exe estuary (intertidal mud and sand); Isles of Scilly (intertidal algae).  |
| HD103 | Oncholaimidae  |   |
| HD104 | <i>Adoncholaimus</i> Filipjev, 1918                    |   |
| HD105 | <i>fuscus</i> (Bastian, 1865)                          | Found at several localities in England and Scotland. Typical of muddy or sandy intertidal sediments in areas of reduced salinity.   |
| HD106 | <i>lepidus</i> (De Man, 1888)                          | Not yet recorded from British Isles; common on Dutch and German coasts in brackish water.   |
| HD107 | <i>panicus</i> Cobb, 1930                              | Loch Etive (muddy intertidal). Wrongly designated by Warwick & Gage (1975) as <i>A. lepidus</i> .   |
| HD108 | <i>thalassophygus</i> (De Man, 1876)                   | Whitstable; Blyth estuary; Skippers Island, Essex; Exe estuary; Loch Etive. Typical of low salinity intertidal mud.   |
| HD109 | <i>Metaparoncholaimus</i> De Coninck & Stekhoven, 1933 |   |
| HD110 | <i>campylocercus</i> (De Man, 1876)                    | A single male from intertidal sand at low water, Exe estuary.   |
| HD111 | <i>Metoncholaimus</i> Filipjev, 1918                   |   |
| HD112 | <i>albidus</i> (Bastian, 1865)                         | Falmouth (amongst small stones and sand in tide pools); Cornwall (intertidal sand); Plymouth (amongst hydroids); Essex coast (intertidal mud); Isles of Scilly (intertidal and sublittoral, in sediment and amongst weed, hydroids, bryozoans, etc.); Plymouth (sublittoral mud). |
| HD113 | <i>scanicus</i> (Allgen, 1935)                         | Isles of Scilly (subtidal sand and among hydroids, bryozoa, etc.).  |
| HD114 | <i>Oncholaimellus</i> De Man, 1890                     |   |
| HD115 | <i>calvadasicus</i> De Man, 1890                       | Whitstable (intertidal sandflat); Exe estuary (intertidal sand). A common European species.   |
| HD116 | <i>mediterraneus</i> Stekhoven, 1942                   | Strangford Lough (intertidal sandflat).   |
| HD117 | <i>Oncholaimus</i> Dujardin, 1845                      |   |
| HD118 | <i>attenuatus</i> Dujardin, 1845                       | Falmouth; Clare Island, west Ireland; Whitstable (intertidal sediments).  |
| HD119 | <i>brachycercus</i> De Man, 1889                       | Recorded from several localities around the British Isles. Usually from intertidal sand, but also among hydroids and seaweeds.  |
| HD120 | <i>campylocercoides</i> De Coninck & Stekhoven, 1933   | Exe estuary; Isles of Scilly (coarse intertidal sand  |

|       |                         |                              |   |
|-------|-------------------------|------------------------------|---|
| HD121 | <i>dujardinii</i>       | De Man, 1876                 | near low water).<br>North east England; Plymouth; Isles of Scilly (intertidal seaweeds and holdfasts).  |
| HD122 | <i>oxyuris</i>          | Ditlevsen, 1911              | Barrow-in-Furness (power station intake); Exe estuary (coarse and muddy sand near high water mark).<br>Northumberland (sublittoral mud).  |
| HD123 | <i>skawensis</i>        | Ditlevsen, 1921              | West Ireland (sublittoral in sand and shells).  |
| HD124 | <i>Pontonema</i>        | Leidy, 1855                  | West Ireland (intertidal).  |
| HD125 | <i>macrolaimus</i>      | (Southern, 1914)             | Falmouth (intertidal sand and stones); St. Andrews, Scotland (intertidal under stones); west Ireland (intertidal); Plymouth (intertidal among weeds); Northumberland (kelp holdfasts); Isles of Scilly (kelp holdfasts and other weeds); Strangford Lough (among weed). Very common and widespread.   |
| HD126 | <i>simile</i>           | (Southern, 1914)             |   |
| HD127 | <i>vulgare</i>          | (Bastian, 1865)              |   |
| HD128 | <i>Viscosia</i>         | De Man, 1890                 |   |
| HD129 | <i>abyssorum</i>        | (Allgen, 1933)               | Skippers Island, Essex (muddy intertidal); Northumberland (sublittoral mud).<br>Exe estuary; Strangford Lough (intertidal sand).<br>Isles of Scilly (sublittoral sand, 12-27m depth).<br>Penzance; Isles of Scilly; Whitstable; Skippers Island, Essex; Northern Ireland (intertidal sand); North east England ( <i>Laminaria</i> holdfasts).<br>Northern Ireland (intertidal sand).<br>Records all around British coasts. Typical of muddy sediments in low salinity areas, but also from coarser sediments and holdfasts in more marine situations. |
| HD130 | <i>cobbi</i>            | Filipjev, 1918               |   |
| HD131 | <i>elegans</i>          | (Kreis, 1924)                |   |
| HD132 | <i>glabra</i>           | (Bastian, 1865)              |   |
| HD133 | <i>langrunensis</i>     | (De Man, 1890)               |   |
| HD134 | <i>viscosa</i>          | (Bastian, 1865)              |   |
| HD135 | Enchelidiidae           |                              |   |
| HD136 | <i>Belbolla</i>         | Andrassy, 1973               | West Scotland ( <i>Laminaria</i> holdfasts).  |
| HD137 | <i>gallanachmorae</i>   | (Inglis, 1961)               |   |
| HD138 | <i>Calyptronema</i>     | Marion, 1870                 |   |
| HD139 | <i>maxweberi</i>        | (De Man, 1922)               | Plymouth (intertidal algae); north east England (holdfasts and rock crevices); Exe estuary (intertidal mud and muddy sand); Loch Etive (shallow sediments); Isles of Scilly (intertidal algae).   |
| HD140 | <i>Eurystomina</i>      | Filipjev, 1921               |   |
| HD141 | <i>cassiterides</i>     | (Warwick, 1977)              | Isles of Scilly (sublittoral shell gravel at 52m).<br>Includes <i>E. filiformis</i> , see Lambshead & Platt (1979). West Ireland (intertidal amongst <i>Spirorbis</i> tubes and sublittoral in sand and shells); Plymouth (intertidal weed); Northumberland (kelp holdfasts); Isles of Scilly (kelp holdfasts and amongst other weeds).   |
| HD142 | <i>ornata</i>           | (Eberth, 1863)               | Exe estuary (extreme upper level of sandy shore); Northumberland (drier crevices on rocky shore); Isles of Scilly (rotting seaweed on strandline).  |
| HD143 | <i>terricola</i>        | (De Man, 1907)               |   |
| HD144 | <i>Pareurystomina</i>   | Micoletzky, 1930             |   |
| HD145 | <i>acuminata</i>        | (De Man, 1889)               | Penzance; Exe estuary; west Ireland (intertidal and shallow subtidal sand).<br>Isles of Scilly (fine sublittoral sand).   |
| HD146 | <i>scilloniensis</i>    | Warwick, 1977                |   |
| HD147 | <i>Symplocostoma</i>    | Bastian, 1865                |   |
| HD148 | <i>tenuicolle</i>       | (Eberth, 1863)               | West Ireland; North east England; Plymouth; Isles of Scilly (intertidal and subtidal seaweeds, holdfasts and polyzoa).  |
| HD149 | TRIPYLOIDINA            |                              |   |
| HD150 | Tripyloididae           |                              |   |
| HD151 | <i>Bathylaimus</i>      | Cobb, 1894                   |   |
| HD152 | <i>australis</i>        | Cobb, 1894                   | Exe estuary; Strangford Lough (intertidal muddy sands); Isles of Scilly (among <i>Corallina</i> ).<br>Loch Ewe (intertidal sand).<br>Known only from juveniles and of doubtful validity (Warwick & Platt, 1983). Blyth estuary; Isles of Scilly.<br>Exe estuary (intertidal sand or low water mark).<br>Exe estuary (intertidal sand).<br>Exe estuary; Northern Ireland; Loch Ewe; Isles of Scilly (intertidal and shallow subtidal sand).<br>Exe estuary; Loch Etive (intertidal sand).  |
| HD153 | <i>capacosus</i>        | Hopper, 1962                 |   |
| HD154 | <i>filicaudatus</i>     | (Stekhoven & Adam, 1931)     |   |
| HD155 | <i>inermis</i>          | (Ditlevsen, 1918)            |   |
| HD156 | <i>paralongisetosus</i> | Stekhoven & De Coninck, 1933 |   |
| HD157 | <i>stenolaimus</i>      | Stekhoven & De Coninck, 1933 |   |
| HD158 | <i>tenuicaudatus</i>    | (Allgen, 1933)               |   |
| HD159 | <i>Gairleanema</i>      | Warwick & Platt, 1973        |   |
| HD160 | <i>anagremilae</i>      | Warwick & Platt, 1973        |   |
| HD161 | <i>Tripyloides</i>      | De Man, 1886                 |   |
| HD162 | <i>gracilis</i>         | (Ditlevsen, 1918)            | Loch Ewe (intertidal sand).   |
| HD163 | <i>marinus</i>          | (Butschli, 1874)             | Skippers Island, Essex; Exe estuary (intertidal mud and muddy sand).<br>Blyth estuary; Exe estuary (intertidal mud and sand).   |
| HD164 | Rhabdodemaniidae        |                              |   |
| HD165 | <i>Rhabdodemia</i>      | Baylis & Daubney, 1926       |   |
| HD166 | <i>imer</i>             | Warwick & Platt, 1973        | Females not described. Loch Ewe (intertidal sand).<br>West Ireland (sand and shells at 44m); Isles of Scilly (intertidal coarse sand)   |
| HD167 | <i>major</i>            | (Southern, 1914)             | West Ireland (at 26-48m); Loch Etive (shallow subtidal sand); Isles of Scilly (fine to coarse sand, intertidal to 30m).   |
| HD168 | <i>minor</i>            | (Southern, 1914)             |   |
| HD169 | TREFUSIIDA              |                              |   |
| HD170 | Trefusiidae             |                              |   |
| HD171 | <i>Rhabdocoma</i>       | Cobb, 1920                   |   |
| HD172 | <i>riemanni</i>         | Jayasree & Warwick, 1977     | Firth of Clyde (beach sand below mean tide level).  |
| HD173 | <i>Trefusia</i>         | De Man, 1893                 |   |
| HD174 | <i>longicaudata</i>     | De Man, 1893                 | Recorded from intertidal and shallow subtidal sediments and holdfasts at several localities around the British Isles, with a preference for muddy sands.<br>Loch Ewe (intertidal sand).   |
| HD175 | <i>zostericola</i>      | Allgen, 1933                 |   |
| HD176 | CHROMADORIA             |                              |   |
| HD177 | CHROMADORIDA            |                              |   |
| HD178 | CHROMADORINA            |                              |   |
| HD179 | Chromadoridae           |                              |   |

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|-------|---|---|
| HD180 | <i>Acantholaimus</i> Allgen, 1933               | Primarily a deep-sea genus.   |
| HD181 | <i>ewensis</i> Platt & Zhang, 1982              | Loch Ewe (sublittoral sand).  |
| HD182 | <i>Spiliphora</i> Bastian, 1865                 |   |
| HD183 | <i>dolichura</i> De Man, 1893                   | Falmouth (intertidal algae).  |
| HD184 | <i>gracilicauda</i> De Man, 1893                | Falmouth; Plymouth; Isles of Scilly (intertidal algae); Co. Mayo (among <i>Spirorbis</i> tubes).  |
| HD185 | <i>Atrochromadora</i> Wieser, 1959              |   |
| HD186 | <i>microlaima</i> (De Man, 1889)                | Blyth estuary; Skippers Island; Tamar estuary; Exe estuary; Strangford Lough; Isles of Scilly (erroneously recorded by Warwick & Coles (1977) as <i>Chromadorella galeata</i> Wieser, 1959)(intertidal mud and sand). |
| HD187 | <i>parva</i> (De Man, 1893)                     | Falmouth (intertidal mud and seaweeds); Plymouth (intertidal seaweeds).   |
| HD188 | <i>Chromadora</i> Bastian, 1865                 |   |
| HD189 | <i>macrolaima</i> De Man, 1889                  | Plymouth (intertidal seaweeds); Strangford Lough (intertidal sand).   |
| HD190 | <i>nudicapitata</i> Bastian, 1865               | Recorded from a large number of British and worldwide localities, typically from intertidal mud and sand but also from seaweeds.  |
| HD191 | <i>Chromadorella</i> Filipjev, 1918             |   |
| HD192 | <i>duopapillata</i> Platt, 1973                 | Strangford Lough (intertidal sand).   |
| HD193 | <i>filiformis</i> (Bastian, 1865)               | Falmouth; Isles of Scilly; Newton Ferrers, River Yealm, Devon (intertidal seaweeds).  |
| HD194 | <i>parapoecilosoma</i> (Micoletzki, 1922)       | Unsubstantiated record.   |
| HD195 | <i>Chromadorina</i> Filipjev, 1918              |   |
| HD196 | <i>cervix</i> (Wieser, 1951)                    | Plymouth (intertidal seaweeds).   |
| HD197 | <i>germanica</i> (Butschli, 1874)               | Isles of Scilly; Rockall (intertidal seaweeds); Exe estuary (intertidal sand).  |
| HD198 | <i>granulopigmentata</i> (Wieser, 1951)         | Plymouth (intertidal seaweeds).   |
| HD199 | <i>Prochromadora</i> Filipjev, 1922             |   |
| HD200 | <i>orleji</i> (De Man, 1880)                    | Northumberland coast (sublittoral mud).   |
| HD201 | <i>Prochromadorella</i> Micoletzki, 1924        |   |
| HD202 | <i>attenuata</i> (Gerlach, 1952)                | Isles of Scilly (intertidal sand).  |
| HD203 | <i>ditlevseni</i> (De Man, 1922)                | Exe estuary; Firth of Clyde; Firth of Forth (intertidal sand).  |
| HD204 | <i>macroocellata</i> Wieser, 1951               | Plymouth (intertidal seaweeds)  |
| HD205 | <i>septempapillata</i> Platt, 1973              | Strangford Lough (intertidal sand).   |
| HD206 | <i>Actinonema</i> Cobb, 1920                    |   |
| HD207 | <i>celtica</i> Boucher, 1976                    | Firth of Clyde (intertidal sand).   |
| HD208 | <i>pachydermatum</i> Cobb, 1920                 | Northumberland coast (sublittoral fine sand and silt).  |
| HD209 | <i>Rhops</i> Cobb, 1920                         |   |
| HD210 | <i>paraornata</i> Platt & Zhang, 1982           | Loch Ewe (sublittoral sand).  |
| HD211 | <i>Euchromadora</i> De Man, 1886                |   |
| HD212 | <i>gaulica</i> Inglis, 1962                     | Several localities on the north and south coasts of Devon; Brighton; Littlehampton (intertidal seaweeds).   |
| HD213 | <i>striata</i> (Eberth, 1863)                   | Isles of Scilly; Looe, Cornwall; Littlehampton, Sussex; Skippers Island, Essex (intertidal seaweeds).   |
| HD214 | <i>vulgaris</i> Bastian, 1865                   | Recorded intertidally from a large number of localities around the British Isles, from a variety of habitats including rather coarse intertidal sand, seaweeds and holdfasts.   |
| HD215 | <i>Graphonema</i> Cobb, 1898                    |   |
| HD216 | <i>northumbriae</i> Warwick & Coles, 1975       | Newton-on-Sea, Northumberland (littoral seaweeds); Tyne and Wear coast (sublittoral mud).   |
| HD217 | <i>scampae</i> (Coles, 1965)                    | North and south coasts of Devon; Isles of Scilly; Isle of Man (intertidal seaweeds).  |
| HD218 | <i>Parapinnanema</i> Inglis, 1969               |   |
| HD219 | <i>harveyi</i> Warwick & Coles, 1975            | Isles of Scilly (intertidal sand at low water)  |
| HD220 | <i>Steineridora</i> Inglis, 1969                |   |
| HD221 | <i>adriatica</i> (v Daday, 1901)                | North and south coasts of Devon; Isles of Scilly (intertidal seaweeds).   |
| HD222 | <i>Chromadorita</i> Filipjev, 1922              | <i>Chromadorita</i> and <i>Innocuonema</i> form a complex with many characters in common. The whole group needs detailed revision.  |
| HD223 | <i>nana</i> Lorenzen, 1973                      | Firth of Clyde (intertidal sand).   |
| HD224 | <i>tentabunda</i> (De Man, 1890)                | Exe estuary; Tamar estuary; Strangford Lough (intertidal mud and fine sand); north east England (kelp holdfasts).   |
| HD225 | <i>tenuis</i> (Schneider, 1906)                 | Exe estuary (intertidal sand).  |
| HD226 | <i>Dichromadora</i> Kreis, 1929                 |   |
| HD227 | <i>cephalata</i> (Steiner, 1916)                | Exe estuary; Tamar estuary; Firth of Clyde, (intertidal mud and sand).  |
| HD228 | <i>cucullata</i> Lorenzen, 1973                 | Firth of Clyde (intertidal sand).   |
| HD229 | <i>geophila</i> (De Man, 1876)                  | Exe estuary; Tamar estuary (intertidal mud, particularly abundant in lowest salinity regions); Skippers Island (in a barely brackish pond).   |
| HD230 | <i>hyalocheile</i> De Coninck & Stekhoven, 1933 | Exe estuary; Firth of Clyde (intertidal sand); coast of north east England (kelp holdfasts).  |
| HD231 | <i>Hypodontolaimus</i> De Man, 1886             |   |
| HD232 | <i>balticus</i> (Schneider, 1906)               | Blyth estuary; Skippers Island; Exe estuary; Tamar estuary; Loch Etive; Strangford Lough (intertidal and shallow sublittoral mud and fine sand).  |
| HD233 | <i>colesi</i> Inglis, 1962                      | Isles of Scilly (intertidal seaweeds).  |
| HD234 | <i>inaequalis</i> (Bastian, 1865)               | Strangford Lough; Blyth estuary; Falmouth (intertidal mud and sand); Plymouth (intertidal seaweeds).  |
| HD235 | <i>schuurmansstekhoveni</i> Gerlach, 1951       | Exe estuary; Loch Ewe (intertidal sand).  |
| HD236 | <i>Ptycholaimeillus</i> Cobb, 1920              |   |
| HD237 | <i>ponticus</i> (Filipjev, 1922)                | Blyth estuary; Exe estuary; Tamar estuary; Skippers Island (intertidal mud); north east England (kelp holdfasts); north Wales (intertidal sand, recorded as <i>Spilophorella dentata</i> Schneider, 1926).            |
| HD238 | <i>Neochromadora</i> Micoletzky, 1924           |   |
| HD239 | <i>paratecta</i> Blome, 1974                    | Firth of Clyde (intertidal sand).   |
| HD240 | <i>poecilosoma</i> (De Man, 1893)               | Falmouth; Skippers Island; Strangford Lough; Firth of Clyde;  |

|       |                         |                          |   |
|-------|-------------------------|--------------------------|---|
| HD241 | <i>poecilosomoides</i>  | (Filipjev, 1918)         | Firth of Forth; Tamar estuary (intertidal sand and mud).<br>Isles of Scilly (kelp holdfasts); Plymouth (cooling water from power station and intertidal seaweeds).  |
| HD242 | <i>tecta</i>            | Gerlach, 1951            | Exe estuary; Loch Ewe (intertidal sand).  |
| HD243 | <i>trichophora</i>      | (Steiner, 1921)          | Exe estuary; Firth of Clyde (intertidal sand).  |
| HD244 | <i>Spilophorella</i>    | Filipjev, 1917           |   |
| HD245 | <i>candida</i>          | Gerlach, 1951            | Exe estuary (as <i>S. paradoxa</i> in Warwick, 1971); Firth of Clyde (intertidal sand).   |
| HD246 | <i>paradoxa</i>         | (De Man, 1888)           | Plymouth; Isles of Scilly (intertidal seaweeds); Blyth estuary; Tamar estuary (intertidal mud); Firth of Clyde (intertidal sand).   |
| HD247 | Comesomatidae           |                          |   |
| HD248 | <i>Dorylaimopsis</i>    | Ditlevsen, 1918          |   |
| HD249 | <i>punctata</i>         | Ditlevsen, 1918          | Loch Nevis; Loch Striven; Arran Island; North Sea; Northumberland coast (sublittoral mud); Celtic Sea (sublittoral muddy sand).   |
| HD250 | <i>Paracomesoma</i>     | Hope & Murphy, 1972      | Two species of the closely related genus <i>Comesoma</i> ( <i>C. profundum</i> Bastian, 1865 and <i>C. vulgare</i> Bastian, 1865) have been recorded from Falmouth but are poorly described and therefore not recorded here.  |
| HD251 | <i>dubium</i>           | Filipjev, 1918           | Tamar estuary (intertidal mud); Isles of Scilly (sublittoral sand and mud).   |
| HD252 | <i>Laimella</i>         | Cobb, 1920               |   |
| HD253 | <i>longicaudata</i>     | Cobb, 1920               | Liverpool Bay (sublittoral muddy sand and muddy sand with gravel).  |
| HD254 | <i>Sabatieria</i>       | Rouville, 1903           | This is a large genus: recent treatment has divided the species into five subgroups.  |
| HD255 | <i>breviseta</i>        | Stekhoven, 1935          | Swansea Bay (sublittoral, found in dead cumaceans together with a rather similar species, <i>S. punctata</i> ).   |
| HD256 | <i>celtica</i>          | Southern, 1914           | A common cosmopolitan species recorded from many localities all around the British Isles (intertidal and sublittoral sand and sandy mud but not a typical representative of pure muddy sediments).  |
| HD257 | <i>elongata</i>         | Jayasree & Warwick, 1977 | Firth of Clyde (intertidal sand).   |
| HD258 | <i>longisetosa</i>      | (Kreis, 1924)            | Isles of Scilly (sublittoral fine sand and silt)  |
| HD259 | <i>longispinosa</i>     | Lorenzen, 1972           | Strangford Lough; southern Ireland; Firth of Clyde (intertidal sand).   |
| HD260 | <i>lyonessa</i>         | Warwick, 1977            | Isles of Scilly (kelp holdfasts).   |
| HD261 | <i>ornata</i>           | (Ditlevsen, 1918)        | Northumberland coast (sublittoral fine sand and mud).   |
| HD262 | <i>praedatrix</i>       | De Man, 1907             | Exe estuary (intertidal mud).   |
| HD263 | <i>pulchra</i>          | (Schneider, 1906)        | Exe estuary; Tamar estuary (intertidal mud); Firth of Forth (intertidal fine sand); Firth of Clyde (intertidal sand).   |
| HD264 | <i>punctata</i>         | (Kreis, 1924)            | Northumberland coast (sublittoral fine sand); Swansea Bay (sublittoral, found in dead cumaceans together with a rather similar species, <i>S. breviseta</i> ).  |
| HD265 | <i>Setosabatieria</i>   | Platt, 1985              |   |
| HD266 | <i>hilarula</i>         | (De Man, 1922)           | Northumberland coast (sublittoral fine sand); Tamar estuary (intertidal sandy mud); west coast of Scotland (kelp holdfast); Loch Striven (sublittoral mud); Celtic Sea (sublittoral muddy sand).  |
| HD267 | Ethmolaimidae           |                          |   |
| HD268 | <i>Neotonchus</i>       | Cobb, 1933               |   |
| HD269 | <i>boucheri</i>         | Platt, 1982              | Firth of Clyde (intertidal sand).   |
| HD270 | <i>meekei</i>           | Warwick, 1971            | Northumberland coast (sublittoral fine sand and silt); Firth of Forth; Firth of Clyde (intertidal sand).  |
| HD271 | <i>Comesa</i>           | Gerlach, 1956            |   |
| HD272 | <i>cuensis</i>          | (Platt, 1982)            | Strangford Lough (intertidal sand).   |
| HD273 | <i>interrupta</i>       | (Warwick, 1971)          | Northumberland coast (sublittoral fine sand and silt).  |
| HD274 | <i>vitia</i>            | (Warwick, 1971)          | Northumberland coast (sublittoral silt).  |
| HD275 | <i>votadinii</i>        | (Warwick, 1971)          | Northumberland coast (sublittoral silt).  |
| HD276 | <i>warwicki</i>         | (Platt, 1982)            | Northumberland coast (sublittoral fine sand and silt).  |
| HD277 | <i>Nannolaimus</i>      | Cobb, 1920               |   |
| HD278 | <i>fusus</i>            | Gerlach, 1956            |   |
| HD279 | <i>Fililonchus</i>      | Platt, 1982              | Northern Ireland (intertidal sand).   |
| HD280 | <i>ewensis</i>          | Platt, 1982              |   |
| HD281 | <i>filiformis</i>       | (Warwick, 1971)          | Loch Ewe (intertidal sand).   |
| HD282 | <i>Trichethmolaimus</i> | Platt, 1982              | Northumberland coast (sublittoral silt).  |
| HD283 | <i>hirsutus</i>         | (Gerlach, 1956)          | Firth of Clyde; Loch Ewe (intertidal sand).   |
| HD284 | Cyatholaimidae          |                          |   |
| HD285 | <i>Pomponema</i>        | Cobb, 1917               |   |
| HD286 | <i>clavicaudatum</i>    | (Stekhoven, 1935)        | Loch Ewe (intertidal sand). Unsubstantiated record.   |
| HD287 | <i>debile</i>           | Lorenzen, 1972           | Firth of Clyde (intertidal sand).   |
| HD288 | <i>multipapillatum</i>  | (Filipjev, 1922)         | Northumberland coast (sublittoral fine sand and silt).  |
| HD289 | <i>reducta</i>          | Warwick, 1970            | Exe estuary; Loch Ewe; Firth of Clyde (intertidal sand).  |
| HD290 | <i>sedecima</i>         | Platt, 1973              | Strangford Lough; Firth of Clyde; Firth of Forth (intertidal sand).   |
| HD291 | <i>tautraense</i>       | (Allgen, 1933)           | Loch Ewe (intertidal sand). Unsubstantiated record.   |
| HD292 | <i>tesselatum</i>       | Wieser & Hopper, 1967    | Exe estuary (one male only, from intertidal sand).  |
| HD293 | <i>Nannolaimoides</i>   | Ott, 1972                |   |
| HD294 | <i>effilatus</i>        | (Boucher, 1976)          | This species was previously ascribed to <i>Pomponema</i> . Firth of Clyde (intertidal sand).  |
| HD295 | <i>Cyatholaimus</i>     | Bastian, 1865            |   |
| HD296 | <i>caecus</i>           | Bastian, 1865            | Needs substantiation.   |
| HD297 | <i>gracilis</i>         | (Eberth, 1863)           | Co. Mayo (intertidal and subtidal sand: this is an unusual habitat for this species and may be an erroneous record); Bofin Harbour, Ireland (sponge); north Devon; north east England; west Scotland (kelp holdfasts); Isles of Scilly (intertidal seaweeds); Skippers Island (intertidal mud: again a doubtful record). Synonyms: <i>C. prinzi</i> Marion, 1870; <i>C. scarratti</i> Inglis, 1961. |
| HD298 | <i>ocellatus</i>        | Bastian, 1865            | Needs substantiation.   |

|       |                              |                   |  |
|-------|------------------------------|-------------------|--|
| HD299 | <i>ornatus</i>               | Bastian, 1865     | Needs substantiation.  |
| HD300 | <i>Paracanthonchus</i>       | Micoletzky, 1924  | <i>Paracanthonchus</i> is considered to be a complex of closely related species and therefore all unsubstantiated records of <i>P. caecus</i> must be considered of doubtful identity (Platt & Warwick, 1988).   |
| HD301 | <i>caecus</i>                | Micoletzky, 1924  | Exe estuary (intertidal sand and muddy sand), recorded as <i>P. tyrrenicus</i> . Unsubstantiated records of ' <i>P. caecus</i> ': Blyth estuary; Tamar estuary (intertidal mud); Plymouth (intertidal seaweeds); north east England (kelp holdfasts and rock crevices); Loch Ewe, Scotland (intertidal sand); Loch Etive (intertidal sediment).<br>Strangford Lough (intertidal sand), recorded as <i>P. caecus</i> .<br>Northumberland coast (sublittoral fine sand and silt).<br>Strangford Lough (intertidal sand).<br>Isle of Cumbrae (kelp bed).<br>Exe estuary, single male (intertidal muddy sand).<br>Firth of Forth; Firth of Clyde (intertidal sand).<br>Skippers Island (intertidal mud); Isles of Scilly (kelp holdfast).<br>Firth of Clyde; Strangford Lough, recorded as <i>P. tyrrenicus</i> (intertidal sand).   |
| HD302 | <i>heterodontus</i>          | (Schulz, 1932)    |  |
| HD303 | <i>longicaudatus</i>         | Warwick, 1971     |  |
| HD304 | <i>longus</i>                | Allgen, 1934      |  |
| HD305 | <i>macrodon</i>              | (Ditlevsen, 1919) |  |
| HD306 | <i>multitubifer</i>          | Timm, 1961        |  |
| HD307 | <i>platti</i>                | Vadhyar, 1980     |  |
| HD308 | <i>spectabilis</i>           | Allgen, 1931      |  |
| HD309 | <i>thausiasius</i>           | (Schulz, 1932)    |  |
| HD310 | <i>Praecanthonchus</i>       | Micoletzky, 1924  |  |
| HD311 | <i>inglisi</i>               | (Coles, 1965)     | Changed from the genus <i>Paracanthonchus</i> (see Platt & Warwick, 1988). Salcombe; Looe (intertidal seaweeds); north east England (kelp holdfasts); Isles of Scilly (intertidal fine sand among <i>Zostera</i> roots).<br>Exe estuary (intertidal sand).<br>Falmouth (sublittoral mud); Skippers Island; Exe estuary; Tamar estuary (intertidal mud); Strangford Lough (intertidal sand).  |
| HD312 | <i>opheliae</i>              | (Warwick, 1970)   |  |
| HD313 | <i>punctatus</i>             | (Bastian, 1865)   |  |
| HD314 | <i>Paracyatholaimus</i>      | Micoletzky, 1922  |  |
| HD315 | <i>intermedius</i>           | De Man, 1880      | Orkney Islands (terrestrial maritime turf); Exe estuary (coarse sand at high water spring tides); not a truly marine species and has been recorded in freshwater habitats from continental Europe.<br>Loch Ewe; Firth of Clyde (intertidal sand).<br>Firth of Forth; Firth of Clyde (intertidal sand).   |
| HD316 | <i>occultus</i>              | Gerlach, 1956     |  |
| HD317 | <i>pentodon</i>              | Reimann, 1966     |  |
| HD318 | <i>Paracyatholaimoides</i>   | Gerlach, 1953     |  |
| HD319 | <i>multispiralis</i>         | Gerlach, 1953     |  |
| HD320 | <i>Marylynnia</i>            | Hopper, 1977      | Exe estuary (intertidal sand).   |
| HD321 | <i>complexa</i>              | (Warwick, 1971)   |  |
| HD322 | <i>Paralongicyatholaimus</i> | Stekhoven, 1950   |  |
| HD323 | <i>minutus</i>               | Warwick, 1971     | Northumberland coast (sublittoral fine sand).  |
| HD324 | Selachinematidae             |                   |  |
| HD325 | <i>Choanolaimus</i>          | De Man, 1880      |  |
| HD326 | <i>psammophilus</i>          | De Man, 1880      | Outer Hebrides (a typical inhabitant of brackish coastal subsoil water).   |
| HD327 | <i>Chonolaimus</i>           | Ditlevsen, 1918   |  |
| HD328 | <i>panicus</i>               | Gerlach, 1956     | Exe estuary (intertidal sand).<br>Whitstable (harbour mud).  |
| HD329 | <i>papillatus</i>            | Ditlevsen, 1918   |  |
| HD330 | <i>Gammanema</i>             | Cobb, 1920        |  |
| HD331 | <i>conicauda</i>             | Gerlach, 1953     | Exe estuary; Loch Ewe (intertidal sand).   |
| HD332 | <i>rapax</i>                 | (Ssaweljev, 1912) | Exe estuary; Loch Etive (intertidal sand at low water).  |
| HD333 | <i>Halichoanolaimus</i>      | De Man, 1886      |  |
| HD334 | <i>dolichurus</i>            | Ssaweljev, 1912   | North east England (kelp holdfasts); Loch Etive (sublittoral sediments); Celtic Sea (sublittoral muddy-sand).<br>Common on the south coast of England from various localities, typically among intertidal seaweeds; north east England (kelp holdfasts); Blyth estuary (intertidal mud); Co. Mayo (among seaweeds and <i>Spirorbis</i> tubes); Loch Etive (subtidal sediments); north Wales (shell gravel at low water).   |
| HD335 | <i>robustus</i>              | (Bastian, 1865)   |  |
| HD336 | <i>Synonchiella</i>          | Cobb, 1933        |  |
| HD337 | <i>riemanni</i>              | Warwick, 1970     | Northumberland coast (sublittoral mud and muddy-sand).   |
| HD338 | <i>Richtersia</i>            | Steiner, 1916     |  |
| HD339 | <i>inaequalis</i>            | Riemann, 1966     | Strangford Lough; Firth of Clyde; Firth of Forth (intertidal fine sediments, but perhaps more typical of the sublittoral).   |
| HD340 | Desmodoridae                 |                   |  |
| HD341 | <i>Desmodora</i>             | Filipjev, 1922    | <i>Desmodora</i> is a large heterogenous genus which has been divided into seven subgenera, four of which are represented in the British fauna: <i>Desmodora</i> , represented by <i>D. communis</i> , <i>D. schulzi</i> , <i>D. sanguinea</i> and <i>D. scaldensis</i> ; <i>Pseudochromadora</i> , represented by <i>D. pontica</i> ; <i>Croconema</i> , represented by <i>D. sphaerica</i> ; and <i>Desmodorella</i> , represented by <i>D. tenuispiculum</i> .<br>Plymouth; Isles of Scilly (intertidal seaweeds); Exe estuary; Strangford Lough (intertidal sand); north east England (kelp holdfasts); Skippers Island (intertidal mud).<br>Northumberland coast (sublittoral fine sand and mud); Exe estuary (intertidal sand).<br>Co. Clare (sublittoral sand and shells); Isles of Scilly (intertidal coarse sand).<br>Plymouth (intertidal seaweeds); Isles of Scilly (intertidal coarse sand, kelp holdfasts and seaweeds).<br>Exe estuary; Isles of Scilly (intertidal coarse sand), recorded as <i>D. hirsuta</i> .<br>North east England (kelp holdfasts); Isles of Scilly (kelp holdfasts and intertidal coralline seaweeds), recorded as <i>D. cincta</i> .<br>Northumberland coast (sublittoral fine sand), recorded as <i>D. norvegica</i> Allgen 1932. |
| HD342 | <i>communis</i>              | (Butschli, 1874)  |  |
| HD343 | <i>pontica</i>               | Filipjev, 1922    |  |
| HD344 | <i>sanguinea</i>             | Southern, 1914    |  |
| HD345 | <i>scaldensis</i>            | De man, 1889      |  |
| HD346 | <i>schulzi</i>               | Gerlach, 1950     |  |
| HD347 | <i>sphaerica</i>             | (Kries, 1928)     |  |
| HD348 | <i>tenuispiculum</i>         | Allgen, 1928      |  |
| HD349 | <i>Spirinia</i>              | Gerlach, 1963     |  |

|                |   |   |
|----------------|---|---|
| HD350<br>HD351 | <i>gerlachi</i> (Luc & De Coninck, 1959)<br><i>laevis</i> (Bastian, 1865)                   | Isles of Scilly (coarse sand at low water).<br>Falmouth; South Bay, Northern Ireland; Strangford Lough;<br>Exe estuary; Firth of Clyde (intertidal sand).   |
| HD352          | <i>parasitifera</i> (Bastian, 1865)   | A common species found at numerous localities throughout<br>the British Isles, typically from intertidal and subtidal mud<br>and muddy-sand.  |
| HD353          | <i>schneideri</i> (Villot, 1875)  | Co. Mayo (intertidal sand and sand of <i>Zostera</i> bed); Isles of<br>Scilly ( <i>Laminaria</i> holdfasts, intertidal sand among <i>Zostera</i><br>roots, coarse gravelly sand at low water and sublittoral).  |
| HD354<br>HD355 | <i>Chromaspirina</i> Filipjev, 1918<br><i>inglisi</i> Warwick, 1970                         | Exe estuary; Isles of Scilly; Loch Ewe; Firth of Clyde<br>(intertidal sand).  |
| HD356<br>HD357 | <i>multipapillata</i> Jayasree & Warwick, 1977<br><i>parapontica</i> Luc & De Coninck, 1959 | Firth of Clyde (intertidal sand).<br>Exe estuary (intertidal sand); Isles of Scilly (coarse gravelly<br>sand near low water mark and in the sublittoral).   |
| HD358          | <i>Metachromadora</i> Filipjev, 1918  | This heterogenous genus has been divided into six<br>subgenera, three of which are represented in the British<br>fauna: <i>Bradylaimus</i> , represented by <i>M. scotlandica</i> and <i>M.</i><br><i>suecica</i> ; <i>Chromadoropsis</i> , represented by <i>M. vivipara</i> ; and<br><i>Metachromadoriodes</i> , represented by <i>M. remanei</i> . |
| HD359          | <i>remanei</i> Gerlach, 1951  | Skippers Island (intertidal mud); Exe estuary (intertidal mud,<br>muddy sand and sand).   |
| HD360<br>HD361 | <i>scotlandica</i> Warwick & Platt, 1973<br><i>suecica</i> (Allgen, 1929)                   | Loch Ewe; Firth of Clyde (intertidal sand).<br>Skippers Island (algae and mud from brackish pond);<br>Strangford Lough; Firth of Clyde; Firth of Forth (intertidal<br>sand).  |
| HD362          | <i>vivipara</i> (De Man, 1907)  | Blyth estuary; Skippers Island; Exe estuary; Tamar estuary<br>(intertidal mud); Strangford Lough; Loch Ewe; Firth of Clyde<br>(intertidal sand).  |
| HD363          | <i>Onyx</i> Cobb, 1891  |   |
| HD364          | <i>perfectus</i> Cobb, 1891   | Exe estuary (intertidal sand).  |
| HD365          | <i>sagittarius</i> Gerlach, 1950  | Exe estuary (muddy sand near high water).   |
| HD366          | <i>Sigmophoranema</i> Hope & Murphy, 1972   |   |
| HD367          | <i>litorale</i> (Schulz, 1938)  | Exe estuary (intertidal sand).  |
| HD368          | <i>rufum</i> (Cobb, 1933)   | Exe estuary; Firth of Clyde (intertidal sand).  |
| HD369          | <i>Polysigma</i> Cobb, 1920   |   |
| HD370          | <i>fuscum</i> Gerlach, 1956   |   |
| HD371          | <i>Pseudonchus</i> Cobb, 1920   | Firth of Clyde (intertidal sand).   |
| HD372          | <i>deconincki</i> Warwick, 1969   | Exe estuary (intertidal sand); Liverpool Bay (sublittoral<br>medium-coarse sand). The Liverpool Bay specimens were<br>described as <i>P decempapillatus</i> (Ward, 1974).<br>Northumberland coast (sublittoral muddy sand).   |
| HD373          | <i>northumbriensis</i> Warwick, 1969  |   |
| HD374          | <i>Catanema</i> Cobb, 1920  |   |
| HD375          | <i>macintyreii</i> Platt & Zhang, 1982  | Loch Ewe (sublittoral sand).  |
| HD376          | <i>smo</i> Platt & Zhang, 1982  | Loch Ewe (sublittoral sand).  |
| HD377          | <i>Leptonemella</i> Cobb, 1920  |   |
| HD378          | <i>aphanothecae</i> Gerlach, 1950   | South Bay, Northern Ireland; Exe estuary; Loch Ewe; Isles<br>of Scilly (intertidal sand).   |
| HD379          | Epsilonematidae   |   |
| HD380          | <i>Epsilonema</i> Steiner, 1927   |   |
| HD381          | <i>pustulatum</i> (Gerlach, 1952)   | Exe estuary; Isles of Scilly (intertidal sand).   |
| HD382          | Draconematidae  |   |
| HD383          | <i>Draconema</i> Cobb, 1913   |   |
| HD384          | <i>cephalatum</i> Cobb, 1913  | Northumberland coast (kelp holdfasts); Isles of Scilly<br>(sublittoral shell gravel).<br>Co. Mayo (sublittoral sediment), recorded as <i>Chaetosoma</i><br><i>hibernicum</i> .  |
| HD385          | <i>claparedii</i> (Metschnikoff, 1867)  | Co. Mayo (sublittoral sand and shells).   |
| HD386          | <i>Paradraconema</i> Allen & Noffsinger, 1978   |   |
| HD387          | <i>spinosum</i> (Southern, 1914)  | Isles of Scilly (kelp holdfasts).   |
| HD388          | <i>Notochaetosoma</i> Irwin-Smith, 1918   |   |
| HD389          | <i>killieri</i> Warwick, 1977   |   |
| HD390          | <i>Dracognomus</i> Allen & Noffsinger, 1978   |   |
| HD391          | <i>simplex</i> (Gerlach, 1954)  | Isles of Scilly (intertidal coarse sand).   |
| HD392          | Microalaimidae  |   |
| HD393          | <i>Aponema</i> Jensen, 1978   |   |
| HD394          | <i>torosa</i> (Lorenzen, 1973)  | Exe estuary; Tamar estuary (intertidal mud).  |
| HD395          | <i>Bolbolaimus</i> Cobb, 1920   | The genera <i>Bolbolaimus</i> , <i>Calomicrolaimus</i> and <i>Microlaimus</i><br>form a complex which clearly needs reappraisal (Platt &<br>Warwick, 1988).   |
| HD396          | <i>teutonicus</i> Riemann, 1966   | Loch Ewe (intertidal sand).   |
| HD397          | <i>Calomicrolaimus</i> Lorenzen, 1976   | The genera <i>Calomicrolaimus</i> , <i>Bolbolaimus</i> and <i>Microlaimus</i><br>form a complex which clearly needs reappraisal (Platt &<br>Warwick, 1988).   |
| HD398          | <i>acanthus</i> (Jayasree & Warwick, 1977)  | Firth of Clyde (intertidal sand).   |
| HD399          | <i>honestus</i> (De Man, 1922)  | Northumberland coast (sublittoral fine sand); Exe estuary;<br>Loch Ewe (intertidal sand); Tamar estuary (intertidal mud).<br>Firth of Clyde (intertidal sand).  |
| HD400          | <i>monstrosus</i> (Gerlach, 1953)   | South Bay, Northern Ireland; Exe estuary; Loch Ewe; Firth of<br>Clyde (intertidal sand).  |
| HD401          | <i>parahonestus</i> (Gerlach, 1950)   | Exe estuary (intertidal sand).  |
| HD402          | <i>spirifer</i> (Warwick, 1970)   | The genera <i>Microlaimus</i> , <i>Calomicrolaimus</i> and <i>Bolbolaimus</i><br>form a complex which is clearly in need of reappraisal (Platt<br>& Warwick, 1988).   |
| HD403          | <i>Microlaimus</i> De Man, 1880   | Loch Ewe; Firth of Clyde (intertidal sand).<br>Firth of Clyde (intertidal sand).<br>Strangford Lough; South Bay, Northern Ireland; Loch Ewe<br>(intertidal sand).   |
| HD404          | <i>acinaces</i> Warwick & Platt, 1971   | Loch Ewe; Firth of Clyde (intertidal sand).   |
| HD405          | <i>conothelis</i> (Lorenzen, 1973)  | Firth of Clyde (intertidal sand).   |
| HD406          | <i>marinus</i> (Schulz, 1932)   | Strangford Lough; South Bay, Northern Ireland; Loch Ewe<br>(intertidal sand).   |
| HD407          | <i>ostracion</i> Stekhoven, 1935  | Loch Ewe; Firth of Clyde (intertidal sand).   |
| HD408          | <i>robustidens</i> Stekhoven & De Coninck, 1933   | Exe estuary; Firth of Clyde (intertidal sand); Tamar estuary<br>(intertidal mud).   |
| HD409          | <i>zosterae</i> Allgen, 1930  | Strangford Lough (intertidal sand).   |

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|-------|------------------------|--------------------------------|--|
| HD410 | <i>Molgolaimus</i>     | Ditlevsen, 1921                |  |
| HD411 | <i>cuanensis</i>       | (Platt, 1973)                  | Strangford Lough (intertidal sand).  |
| HD412 | <i>demani</i>          | Jensen, 1978                   | Blyth estuary; Skippers Island; Tamar estuary (all recorded as <i>Microlaimus tenuispiculum</i> De Man, 1922).   |
| HD413 | Monoposthiidae         |                                |  |
| HD414 | <i>Monoposthia</i>     | De Man, 1889                   |  |
| HD415 | <i>costata</i>         | (Bastian, 1865)                | Plymouth (intertidal seaweeds); north east England (kelp holdfasts); Isles of Scilly (intertidal sand and seaweeds); Falmouth; Loch Etive (sublittoral mud); Blyth estuary; Skippers Island (intertidal mud); Strangford Lough; Loch Ewe; Exe estuary (intertidal sand). |
| HD416 | <i>mirabilis</i>       | Schulz, 1932                   | Exe estuary; Loch Ewe; Strangford Lough; Firth of Clyde; Isles of Scilly (intertidal sand)   |
| HD417 | <i>Nudora</i>          | Cobb, 1920                     |  |
| HD418 | <i>bipapillata</i>     | Platt, 1973                    | Strangford Lough (intertidal sand); Tamar estuary (intertidal sandy mud).  |
| HD419 | LEPTOLAIMINA           |                                |  |
| HD420 | Leptolaimidae          |                                |  |
| HD421 | <i>Antomicron</i>      | Cobb, 1920                     |  |
| HD422 | <i>elegans</i>         | (De Man, 1922)                 | Blyth estuary; Exe estuary; Tamar estuary (intertidal mud).  |
| HD423 | <i>Cricolaimus</i>     | Southern, 1914                 |  |
| HD424 | <i>elongatus</i>       | Southern, 1914                 | Co. Mayo (intertidal sand).  |
| HD425 | <i>Dagda</i>           | Southern, 1914                 |  |
| HD426 | <i>bipapillata</i>     | (Southern, 1914)               | Co. Mayo (intertidal sand).  |
| HD427 | <i>Diodontolaimus</i>  | Southern, 1914                 |  |
| HD428 | <i>sabulosus</i>       | Southern, 1914                 | Co. Mayo (intertidal sand).  |
| HD429 | <i>Leptolaimus</i>     | De Man, 1876                   |  |
| HD430 | <i>ampullaceus</i>     | Warwick, 1970                  | Exe estuary; Firth of Clyde (intertidal sand).   |
| HD431 | <i>elegans</i>         | (Stekhoven & De Coninck, 1933) | Northumberland coast (sublittoral fine sand and mud); Plymouth (intertidal seaweeds); Strangford Lough; (intertidal sand).   |
| HD432 | <i>limicolus</i>       | Lorenzen, 1972                 | Exe estuary; Tamar estuary (intertidal mud); Strangford Lough (intertidal sand).   |
| HD433 | <i>papilliger</i>      | De Man, 1876                   | Exe estuary; Tamar estuary (intertidal mud in extremely low salinity regions); Strangford Lough (intertidal sand).   |
| HD434 | <i>scotlandicus</i>    | Jayasree & Warwick, 1977       | Firth of Clyde (intertidal sand).  |
| HD435 | <i>Halaphanolaimus</i> | Southern, 1914                 |  |
| HD436 | <i>pellucidus</i>      | Southern, 1914                 | Co. Mayo (sublittoral sand and shells).  |
| HD437 | <i>Stephanolaimus</i>  | Ditlevsen, 1914                |  |
| HD438 | <i>elegans</i>         | Ditlevsen, 1918                | Loch Ewe; Exe estuary; Isles of Scilly (intertidal sand).  |
| HD439 | <i>jayasreei</i>       | Platt, 1983                    | Firth of Forth; South Bay, Northern Ireland (intertidal sand).   |
| HD440 | <i>spartinae</i>       | Lorenzen, 1969                 | Firth of Clyde (intertidal sand).  |
| HD441 | <i>Camacolaimus</i>    | De Man, 1889                   |  |
| HD442 | <i>barbatus</i>        | Warwick, 1970                  | Exe estuary (intertidal sand and muddy sand).  |
| HD443 | <i>longicauda</i>      | De Man, 1922                   | Exe estuary (intertidal sand); north east England (kelp holdfasts).  |
| HD444 | <i>tardus</i>          | De Man, 1889                   | Plymouth (intertidal seaweeds); north east England (kelp holdfasts); Firth of Clyde (intertidal sand).   |
| HD445 | <i>Onchium</i>         | Cobb, 1920                     |  |
| HD446 | <i>conicaudatus</i>    | (Allgen, 1935)                 | Plymouth (intertidal seaweeds).  |
| HD447 | Haliplectidae          |                                |  |
| HD448 | <i>Haliplectus</i>     | Cobb, 1913                     |  |
| HD449 | <i>dorsalis</i>        | Cobb in Chitwood, 1956         | Skippers Island (intertidal mud).  |
| HD450 | <i>wheeleri</i>        | Coles, 1965                    | Skippers Island (intertidal mud).  |
| HD451 | Tarvaidae              |                                |  |
| HD452 | <i>Tarvaia</i>         | Allgen, 1934                   |  |
| HD453 | <i>angusta</i>         | Gerlach, 1953                  | Firth of Clyde, single male (intertidal sand).   |
| HD454 | Aegialoalaimidae       |                                |  |
| HD455 | <i>Aegialoalaimus</i>  | De Man, 1907                   |  |
| HD456 | <i>elegans</i>         | De Man, 1907                   | Exe estuary; Tamar estuary (intertidal mud).   |
| HD457 | <i>Cyartonema</i>      | Cobb, 1920                     |  |
| HD458 | <i>elegans</i>         | Jayasree & Warwick, 1977       | Firth of Clyde (intertidal sand).  |
| HD459 | <i>germanicum</i>      | Juario, 1972                   | Firth of Clyde (intertidal sand).  |
| HD460 | <i>Southernia</i>      | Allgen, 1929                   |  |
| HD461 | <i>zosteriae</i>       | Allgen, 1929                   | Strangford Lough; Loch Ewe; Firth of Clyde; Firth of Forth (intertidal sand); Tamar estuary (intertidal mud).  |
| HD462 | Tubolaimoididae        |                                |  |
| HD463 | <i>Chitwoodia</i>      | Gerlach, 1956                  |  |
| HD464 | <i>tripapillata</i>    | Jayasree, 1976                 | Firth of Clyde (intertidal sand).  |
| HD465 | <i>warwicki</i>        | Jayasree, 1976                 | Firth of Clyde (intertidal sand).  |
| HD466 | Ceramonematidae        |                                |  |
| HD467 | <i>Ceramonema</i>      | Cobb, 1929                     |  |
| HD468 | <i>yunfengi</i>        | Platt & Zhang, 1982            | Loch Ewe (sublittoral sand).   |
| HD469 | <i>Dasyneoides</i>     | Chitwood, 1936                 |  |
| HD470 | <i>albaensis</i>       | (Warwick & Platt, 1973)        | Loch Ewe (intertidal sand).  |
| HD471 | <i>Pselionema</i>      | Cobb, 1933                     |  |
| HD472 | <i>longiseta</i>       | Ward, 1974                     | Liverpool Bay (sublittoral coarse sand with shell gravel).   |
| HD473 | <i>Pterygonema</i>     | Gerlach, 1954                  |  |
| HD474 | <i>camabriensis</i>    | Ward, 1973                     | Liverpool Bay (sublittoral sand).  |
| HD475 | <i>platti</i>          | Zhang, 1983                    | Loch Ewe (sublittoral sand).   |
| HD476 | DESMOSCOLECINA         |                                |  |
| HD477 | Meyliidae              |                                |  |
| HD478 | <i>Gerlachius</i>      | Andrassy, 1976                 |  |
| HD479 | <i>novusetosus</i>     | Platt & Zhang, 1982            | Loch Ewe (sublittoral sand).   |
| HD480 | Desmoscolecidae        |                                |  |
| HD481 | <i>Desmoscolex</i>     | Claparède, 1863                |  |
| HD482 | <i>falcatus</i>        | Lorenzen, 1972                 | Tamar estuary (intertidal mud).  |
| HD483 | <i>laevis</i>          | Kreis, 1928                    | Firth of Forth; Co. Mayo; Northumberland coast (sublittoral sediments); north east England (kelp holdfasts); Isles of Scilly (intertidal seaweeds).  |
| HD484 | <i>Quadricoma</i>      | Filipjev, 1922                 |  |



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| HD485 | <i>scanica</i> (Allgen, 1935)                              | Tamar estuary (intertidal mud).   |
| HD486 | <i>Tricoma</i> Cobb, 1894                                  |   |
| HD487 | <i>brevirostris</i> (Southern, 1914)                       | Co. Mayo, single male (sublittoral sand and shells).  |
| HD488 | <i>longirostris</i> (Southern, 1914)                       | Co. Mayo, two males (sublittoral sand and shells).  |
| HD489 | <i>polydesma</i> (Southern, 1914)                          | Co. Mayo, single male (sublittoral sand and shells).  |
| HD490 | <b>MONHYSTERIDA</b>  |   |
| HD491 | Monhysteridae  |   |
| HD492 | <i>Diplolaimella</i> Allgen, 1929                          |   |
| HD493 | <i>stagnosa</i> Lorenzen, 1966                             | Tamar estuary (in mud samples maintained in the laboratory at low salinity).  |
| HD494 | <i>Diplolaimelloides</i> Meyl, 1954                        |   |
| HD495 | <i>brucei</i> Hopper, 1970                                 | Lynher estuary, Cornwall (mud, isolated in laboratory culture).   |
| HD496 | <i>Thalassomonhystera</i> Jacobs, 1987                     | This genus contains some species which previously belonged to the "super-genus" <i>Monhystera</i> Bastian 1865. Four species in the "super-genus", other than those described below, have been recorded from the British Isles: <i>M. dispar</i> , <i>M. filicaudata</i> , <i>M. luisae</i> and <i>M. natans</i> but none of these records can be regarded as reliable. Falmouth; Plymouth; Isles of Scilly; Rockall (intertidal algae); Exe estuary (intertidal mud and sand). |
| HD497 | <i>parva</i> (Bastian, 1865)                               | Firth of Clyde (intertidal sand).   |
| HD498 | <i>refringens</i> (Bresslau & Stekhoven, 1935)             | Falmouth; Exe estuary; Whitstable (intertidal sand); Isles of Scilly; Plymouth (intertidal algae).  |
| HD499 | <i>venusta</i> (Lorenzen, 1979)                            |   |
| HD500 | <i>Geomonhystera</i> Andrassy, 1981                        |   |
| HD501 | <i>disjuncta</i> (Bastian, 1865)                           |   |
| HD502 | Xyalidae   |   |
| HD503 | <i>Amphimonhystera</i> Allgen, 1929                        |   |
| HD504 | <i>anechma</i> (Southern, 1914)                            | Co. Mayo (sublittoral sand).  |
| HD505 | <i>Cobbia</i> De Man, 1907                                 |   |
| HD506 | <i>caledonia</i> Warwick & Platt, 1971                     | Loch Ewe (intertidal sand).   |
| HD507 | <i>trefusiaeformis</i> De Man, 1907                        | Strangford Lough; Firth of Forth (intertidal sand).   |
| HD508 | <i>Daptonema</i> Cobb, 1920                                |   |
| HD509 | <i>biggi</i> (Gerlach, 1965)                               | Strangford Lough (intertidal sand).   |
| HD510 | <i>furcatum</i> (Juario, 1974)                             | Exe estuary (intertidal sand).  |
| HD511 | <i>hirsutum</i> (Vitiello, 1967)                           | Strangford Lough (intertidal sand); Isles of Scilly (intertidal and subtidal sand); very common in Mersey estuary from marine habitats (intertidal and subtidal sand, surface mud). Strangford Lough; Firth of Clyde; Firth of Forth (intertidal sand).   |
| HD512 | <i>invagiferum</i> (Platt, 1973)                           | A frequently recorded species from many localities in England, Ireland and Scotland, mainly from intertidal and shallow subtidal sand but occasionally from other habitats e.g. mud and algae.  |
| HD513 | <i>normandicum</i> (De Man, 1890)                          | Whitstable; Tamar and Exe estuaries; Skippers Island (intertidal mud and sand); Northumberland coast (subtidal mud).  |
| HD514 | <i>oxycerca</i> (De Man, 1888)                             | Exe estuary and Tamar estuary (intertidal mud). This species was previously placed in the genus <i>Theristus</i> or <i>Trichotheristus</i> . Exe estuary (intertidal sand).   |
| HD515 | <i>procerum</i> (Gerlach, 1951)                            | Exe estuary; South Bay, Northern Ireland (intertidal sand).   |
| HD516 | <i>psammoides</i> (Warwick, 1970)                          | Recorded from a large number of localities in the British Isles. Typical of estuarine mud-flats, but also recorded from other habitats (intertidal sand, algae, sublittoral sediments).   |
| HD517 | <i>setifer</i> (Gerlach, 1952)                             | Blyth estuary (intertidal mud); Northumberland coast (subtidal mud).  |
| HD518 | <i>setosum</i> (Butschli, 1874)                            | Firth of Forth (intertidal sand).   |
| HD519 | <i>tenuispiculum</i> (Ditlevsen, 1918)                     | A common species found in several localities in various intertidal sediments.   |
| HD520 | <i>vicinum</i> (Riemann, 1966)                             |   |
| HD521 | <i>Theristus</i> Bastian, 1865                             |   |
| HD522 | <i>acer</i> Bastian, 1865                                  |   |
| HD523 | <i>bastiani</i> Wieser, 1972                               | Firth of Clyde (intertidal sand).   |
| HD524 | <i>complexus</i> Jayasree & Warwick, 1977                  | Exe estuary; Isles of Scilly (intertidal sand).   |
| HD525 | <i>denticulatus</i> Warwick, 1970                          | Exe estuary (intertidal muddy-sand).  |
| HD526 | <i>ensifer</i> Gerlach, 1951                               | Exe estuary (intertidal estuarine mud, low salinity); Skippers Island (intertidal mud); Firth of Clyde (intertidal sand).   |
| HD527 | <i>flevensis</i> Stekhoven, 1935                           | Isles of Scilly (intertidal algae).   |
| HD528 | <i>heterospiculum</i> (Allgen, 1932)                       | Exe estuary; Firth of Clyde (intertidal sand).  |
| HD529 | <i>interstitialis</i> Warwick, 1970                        | Strangford Lough (intertidal sand).   |
| HD530 | <i>longus</i> Platt, 1973                                  | Exe estuary (intertidal sand).  |
| HD531 | <i>otoplanobius</i> Gerlach, 1951                          | Strangford Lough; Firth of Clyde (intertidal sand).   |
| HD532 | <i>pertenuis</i> Bresslau & Stekhoven, 1935                | Doubtful record.  |
| HD533 | <i>velox</i> Bastian, 1865                                 |   |
| HD534 | <i>Trichotheristus</i> Wieser, 1956                        |   |
| HD535 | <i>mirabilis</i> (Stekhoven & De Coninck, 1933)            | Strangford Lough; Exe estuary; Firth of Clyde; Loch Ewe (intertidal sand).  |
| HD536 | <i>Metadesmolaimus</i> Stekhoven, 1935                     |   |
| HD537 | <i>aduncus</i> Lorenzen, 1972                              | Firth of Clyde (intertidal sand).   |
| HD538 | <i>gelana</i> (Warwick & Platt, 1971)                      | Loch Ewe (intertidal sand).   |
| HD539 | <i>pandus</i> Lorenzen, 1972                               | Firth of Clyde (intertidal sand).   |
| HD540 | <i>Paramonhystera</i> Steiner, 1916                        |   |
| HD541 | <i>albigensis</i> (Riemann, 1966)                          | Exe estuary; Firth of Forth (intertidal sand).  |
| HD542 | <i>butschlii</i> (Bresslau & Stekhoven in Stekhoven, 1935) | This species was previously included in the genus <i>Theristus</i> or <i>Daptonema</i> . Isles of Scilly (fine sand among <i>Zostera</i> roots, intertidal algae).  |
| HD543 | <i>curvatus</i> Gerlach, 1956                              | Firth of Clyde (intertidal sand).   |
| HD544 | <i>riemanni</i> (Platt, 1973)                              | Strangford Lough; Firth of Forth (intertidal sand).   |
| HD545 | <i>Gonionchus</i> Cobb, 1920                               |   |
| HD546 | <i>cumbraensis</i> Benwell, 1981                           | Isle of Cumbrae (sublittoral coarse sand).  |
| HD547 | <i>inaequalis</i> Warwick & Platt, 1973                    | Loch Ewe (intertidal sand).   |
| HD548 | <i>longicaudatus</i> (Ward, 1972)                          | Loch Ewe; Firth of Clyde (intertidal sand); Liverpool Bay (sublittoral medium sand).  |

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| HD549 | <i>Xyala</i> Cobb, 1920                          |  |
| HD550 | <i>riemanni</i> Boucher & Helleouet, 1977        | Loch Ewe; Firth of Clyde (intertidal sand).  |
| HD551 | <i>striata</i> Cobb, 1920                        | Exe estuary; Loch Ewe; Isles of Scilly (intertidal sand); Liverpool Bay (sublittoral sand).  |
| HD552 | Sphaerolaimidae                                  |  |
| HD553 | <i>Sphaerolaimus</i> Bastian, 1865               |  |
| HD554 | <i>balticus</i> Schneider, 1906                  | Blyth estuary; Exe estuary; Strangford Lough (intertidal sand and muddy sand); Loch Etive (sublittoral sediments).   |
| HD555 | <i>gracilis</i> De Man, 1884                     | Skippers Island; Exe estuary; Blyth estuary (intertidal low salinity mud).   |
| HD556 | <i>hirsutus</i> Bastian, 1865                    | Recorded from a large number of localities around the British Isles, from intertidal and shallow subtidal muds.  |
| HD557 | <i>islandicus</i> Ditlevsen, 1926                | Northumberland coast (sublittoral mud).  |
| HD558 | <i>macrocirculus</i> Filipjev, 1918              | Northumberland coast (sublittoral mud).  |
| HD559 | <i>Parasphaerolaimus</i> Ditlevsen, 1918         |  |
| HD560 | <i>paradoxus</i> (Ditlevsen, 1918)               | Northumberland coast (sublittoral mud).  |
| HD561 | Siphonolaimidae                                  |  |
| HD562 | <i>Siphonolaimus</i> De Man, 1893                |  |
| HD563 | <i>cobbi</i> Riemann, 1966                       | Firth of Clyde (intertidal sand).  |
| HD564 | <i>ewensis</i> Warwick & Platt, 1971             | Loch Ewe; Firth of Clyde (intertidal sand).  |
| HD565 | <i>niger</i> De Man, 1893                        | Falmouth; Whitstable (intertidal sand).  |
| HD566 | Linhomoeidae                                     |  |
| HD567 | <i>Desmolaimus</i> De Man, 1880                  |  |
| HD568 | <i>zeelandicus</i> De Man, 1880                  | Exe estuary (low salinity intertidal mud); Strangford Lough; Firth of Clyde (intertidal sand).   |
| HD569 | <i>Eleutherolaimus</i> Filipjev, 1922            |  |
| HD570 | <i>stenosoma</i> (De Man, 1907)                  | Skippers Island (intertidal mud); Isles of Scilly; Strangford Lough (intertidal sand).   |
| HD571 | <i>Eumorpholaimus</i> Schulz, 1932               |  |
| HD572 | <i>sabulicolus</i> Schulz, 1932                  | Exe estuary (intertidal sand).   |
| HD573 | <i>Linhomoeus</i> Bastian, 1865                  | The genera <i>Linhomoeus</i> and <i>Paralinhomoeus</i> form a complex which is difficult to separate and requires further investigation.                       |
| HD574 | <i>elongatus</i> Bastian, 1865                   | Falmouth; Plymouth (intertidal algae) north east England (kelp holdfasts).   |
| HD575 | <i>hirsutus</i> Bastian, 1865                    | Falmouth (intertidal sand amongst algal holdfasts).  |
| HD576 | <i>Paralinhomoeus</i> De Man, 1907               | The genera <i>Linhomoeus</i> and <i>Paralinhomoeus</i> form a complex which is difficult to separate and requires further investigation.                       |
| HD577 | <i>conicaudatus</i> (Allgen, 1930)               | Isles of Scilly (intertidal fine sand among <i>Zostera</i> roots).   |
| HD578 | <i>lepturus</i> (De Man, 1907)                   | Plymouth; Isles of Scilly (intertidal seaweed); Falmouth (intertidal sand); Blyth estuary (intertidal mud).  |
| HD579 | <i>tenuicaudatus</i> (Butschli, 1874)            | Exe estuary (intertidal mud and sand); Strangford Lough (intertidal sand); north east England (kelp holdfasts).  |
| HD580 | <i>uniovarium</i> Warwick, 1970                  | Exe estuary (intertidal sand).   |
| HD581 | <i>Metalinhomoeus</i> De Man, 1907               |  |
| HD582 | <i>filiformis</i> (De Man, 1907)                 | Strangford Lough (intertidal sand).  |
| HD583 | <i>longisetata</i> Kreis, 1929                   |  |
| HD584 | <i>typicus</i> De Man, 1907                      | Plymouth (intertidal seaweeds); Exe estuary; Skippers Island (intertidal mud); Loch Etive (shallow subtidal sediment).   |
| HD585 | <i>Terschellingia</i> De Man, 1888               |  |
| HD586 | <i>communis</i> De Man, 1888                     | Exe estuary; Tamar estuary; Skippers Island (intertidal mud).  |
| HD587 | <i>gourbaultae</i> Austen, 1987                  | Tamar estuary (intertidal mud).  |
| HD588 | <i>longicaudata</i> De Man, 1907                 | Skippers Island; Exe, Lynher and Tamar estuaries (intertidal mud); Northumberland coast (sublittoral mud).   |
| HD589 | Axonolaimidae                                    |  |
| HD590 | <i>Axonolaimus</i> De Man, 1889                  |  |
| HD591 | <i>filiformis</i> De Man, 1889                   | Doubtful species, records require substantiation.  |
| HD592 | <i>helgolandicus</i> Lorenzen, 1971              | Strangford Lough (intertidal sand).  |
| HD593 | <i>hexapilus</i> Wieser & Hopper, 1967           | Exmouth (intertidal sand).   |
| HD594 | <i>orcombensis</i> Warwick, 1970                 | Exmouth; Loch Ewe (intertidal sand).   |
| HD595 | <i>paraspinosus</i> Stekhoven & Adam, 1931       | Exe, Tamar, Lynher and Blyth estuaries; Skippers Island (intertidal mud); Loch Etive; Strangford Lough (intertidal sand).                                      |
| HD596 | <i>spinosus</i> (Butschli, 1874)                 | Exe estuary (intertidal low salinity mud); Isles of Scilly (intertidal sand); Northumberland coast (sublittoral mud).  |
| HD597 | <i>typicus</i> De Man, 1922                      | Records require substantiation.  |
| HD598 | <i>villosus</i> Skwarra, 1922                    | Records require substantiation.  |
| HD599 | <i>Ascolaimus</i> Ditlevsen, 1919                |  |
| HD600 | <i>elongatus</i> (Butschli, 1874)                | Exe estuary; Exmouth; (intertidal sand and mud); Strangford Lough; Firth of Clyde; Firth of Forth; Loch Ewe (intertidal sand); Blyth estuary (intertidal mud). |
| HD601 | <i>Odontophora</i> Butschli, 1874                |  |
| HD602 | <i>armata</i> (Ditlevsen, 1918)                  | North east England. Record requires substantiation.  |
| HD603 | <i>exharena</i> Warwick & Platt, 1973            | Loch Ewe; Firth of Clyde (intertidal sand).  |
| HD604 | <i>longisetosa</i> (Allgen, 1928)                | Northumberland coast (sublittoral sand).   |
| HD605 | <i>rectangula</i> Lorenzen, 1971                 | Strangford Lough; Firth of Clyde; Firth of Forth (intertidal sand).  |
| HD606 | <i>setosa</i> (Allgen, 1929)                     | Plymouth (intertidal seaweeds); Exe estuary; Exmouth; Strangford Lough; Loch Ewe (intertidal sand); Exe and Tamar estuaries (intertidal mud).                  |
| HD607 | <i>villoti</i> Luc & De Coninck, 1959            | Exe estuary; Loch Etive (intertidal sand); Isles of Scilly (intertidal and subtidal sand).   |
| HD608 | <i>wieseri</i> Luc & De Coninck, 1959            | Exe estuary (intertidal sand).   |
| HD609 | <i>Odontophoroides</i> Boucher & Helleouet, 1977 |  |
| HD610 | <i>paramonhystera</i> Lambshead, 1982            | Firth of Clyde (intertidal sand).  |
| HD611 | Diplopeltidae                                    |  |
| HD612 | <i>Araeolaimus</i> De Man, 1888                  |  |
| HD613 | <i>elegans</i> De Man, 1888                      | Exe estuary (intertidal sand); Isles of Scilly (intertidal   |

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| HD614 | <i>microphthalmus</i> | De Man, 1893                  | seaweeds); north east England (kelp holdfasts).  |
| HD615 | <i>paucisetosus</i>   | Wieser, 1951                  | Falmouth (intertidal mud amongst algae).   |
| HD616 | <i>penelope</i>       | Moore, 1977                   | Plymouth (intertidal algae).   |
| HD617 | <i>steineri</i>       | Filipjev, 1922                | Rockall (intertidal algae).  |
| HD618 | <i>Campylaimus</i>    | Cobb, 1920                    | North east England (kelp holdfasts). Doubtful record, needs substantiation.<br>A <i>Campylaimus</i> species, referred to <i>C. inaequalis</i> Cobb, 1920 has been recorded from the Northumberland coast in sublittoral mud and sand. However, this species has been split into two, <i>C. inaequalis</i> and <i>C. gerlachi</i> Timm, 1961 and, since no reference specimens are available, this record cannot unequivocally be ascribed to either species (see Platt & Warwick, 1988).<br>Exe estuary (intertidal sand). |
| HD619 | <i>lefevrei</i>       | Gerlach, 1956                 | Co. Mayo (intertidal sand).  |
| HD620 | <i>Diplopeltis</i>    | Cobb in Stiles & Hassal, 1905 |  |
| HD621 | <i>cirrhatus</i>      | (Eberth, 1863)                |  |
| HD622 | <i>Diplopeltula</i>   | Gerlach, 1950                 | Firth of Clyde; Firth of Forth (intertidal sand).  |
| HD623 | <i>asetosa</i>        | Juario, 1974                  | Exe estuary; Exmouth (intertidal sand); Tamar estuary (intertidal mud); Co. Mayo (sublittoral sand); north east England (kelp holdfasts).  |
| HD624 | <i>incisa</i>         | (Southern, 1914)              |  |
| HD625 | Coninckiiidae         |                               |  |
| HD626 | <i>Coninckia</i>      | Gerlach, 1956                 |  |
| HD627 | <i>macrospirifera</i> | Zhang, 1983                   | Loch Ewe (intertidal sand).  |
| HD628 | <b>SECERNENTEA</b>    |                               |  |
| HD629 | <b>RHABDITIDA</b>     |                               |  |
| HD630 | Rhabditidae           |                               |  |
| HD631 | <i>Rhabditis</i>      | Dujardin, 1845                |  |
| HD632 | <i>ehrenbaumi</i>     | Bresslan & Stekhoven, 1935    | Found in rotting seaweed in South Wales, Plymouth and Weston-Super-Mare (but may only be accidental introductions from the land).  |
| HD633 | <i>marina</i>         | Bastian, 1865                 | Reported from many locations around the coast of the British Isles intertidally, especially in association with rotting seaweed.   |

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# **NEMATOMORPHA**

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# NEMATOMORPHA

## INTRODUCTON

The Nematomorpha is a small phylum of aquatic worms with about 200 species worldwide. Their free-living adults are long slender worms ranging from a few centimetres to about a metre in length. They occur mostly in freshwater habitats (Order Gordioidea) with only a few species described from marine waters (Order Nectonematoidea). The larval and juvenile stages are endoparasitic in aquatic or water-side arthropods or in marine decapod crustaceans (Dorier, 1965).

The adult freshwater forms are known as Gordian or Horsehair worms and four species occur in the British Isles, widely distributed in rivers and lakes (Harris, 1982). Occasionally they find their way into drinking water supplies and accidental infection of humans has been reported via consumption of unfiltered freshwater (Ali-Khan, 1977).

The marine nematomorph order Nectonematoidea comprises a single genus, *Nectonema*, with four described species (Nielsen, 1969). Two of these (*N. melanocephalum* Nierstraz, 1907 and *N. svenskundi* Bock, 1913) are known only from pelagic free living adult stages collected in Indonesia and Spitzbergen respectively. The other two, (*N. agile* Verrill, 1879 and *N. munidae* Brinkman, 1930) have endoparasitic larval stages in decapod crustaceans. Both parasitic juveniles and free-living adults of *N. agile* have been widely recorded from Sierra Leone, Brazil, north eastern U.S.A. and Greenland as well as Italy and France (Dinard & Roscoff). Their larvae and juveniles infest a variety of hermit crab, spider crab and prawn species. *N. munidae* is presently known only from the Bergen area of Norway infesting squat lobsters (*Munida tenuimana* and *M. sarsi*), hermit crabs (*Pagurus bernhardus* and *P. cuanensis*) and occasionally shrimps (*Pontophilus norvegicus*). Its host range suggests it could also be expected to occur within British waters.

## CLASSIFICATION

Phylum NEMATOMORPHA

Class GORDIACES

Order NECTONEMATOIDEA

Family Nectonematidae ..... HE4

## Phylum NEMATOMORPHA

|     |                                |
|-----|--------------------------------|
| HE1 | NEMATOMORPHA                   |
| HE2 | GORDIACES                      |
| HE3 | NECTONEMATOIDEA                |
| HE4 | Nectonematidae                 |
| HE5 | <i>Nectonema</i> Verrill, 1879 |
| HE6 | <i>agile</i> Verrill, 1879     |
| HE7 | <i>munidae</i> Brinkmann, 1930 |

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# GNATHOSTOMULIDA

## INTRODUCTON

Gnathostomulids are minute acoelomate worms generally less than 1mm in length which inhabit the interstices of marine sediments. They resemble aceolate Turbellaria moving with the aid of a ciliated epithelium but unlike Turbellarians possess a pharynx armed with jaws (Swedmark, 1964). They are tolerant of anaerobic conditions rendering them difficult to extract by the usual laboratory processing of samples.

Although observed in 1928 by Remane in studies of the interstitial fauna of the Bay of Kiel, the first scientific description was not published until 1956 by Ax. At that time they were classified as an order of the Platyhelminthes and it was not until 1969 that Riedl, recognising their morphological uniqueness, created a new phylum to accommodate them.

Sterrer (1972) provided the first systematic account of the phylum. Over 80 species are now known worldwide though the distribution of species records largely reflects the sampling localities of scientists who have developed an interest in them. The only published record in British waters is for *Gnathostomula paradoxa* from Stangford Lough (Boaden, 1966). The other species listed here are recorded from the waters of northern Denmark (Fenchal & Riedl, 1970 and Kristensen & Norrevang 1977,1978) although all of them could be expected in British waters.

## CLASSIFICATION

### Phylum GNATHOSTOMULIDA

#### Order FILOSPERMOIDEA

Family Haplognathiidae ..... IA3

#### Order BURSOVAGINOIDEA

Family Mesognathariidae ..... IA12

Family Gnathostomariidae ..... IA17

Family Gnathostomulidae ..... IA20

Family Onychognathiidae ..... IA24

Family Rastrognathiidae ..... IA27

### Phylum GNATHOSTOMULIDA

|      |   |
|------|---|
| IA1  | <b>GNATHOSTOMULIDA</b>                            |
| IA2  | <b>FILOSPERMOIDEA</b>                             |
| IA3  | Haplognathiidae                                   |
| IA4  | <i>Haplognathia</i> Sterrer, 1970                 |
| IA5  | <i>filum</i> (Sterrer, 1966)                      |
| IA6  | <i>rosea</i> (Sterrer, 1969)                      |
| IA7  | <i>ruberrima</i> (Sterrer, 1966)                  |
| IA8  | <i>simplex</i> (Sterrer, 1966)                    |
| IA9  | <i>Pterognathia</i> Sterrer, 1966                 |
| IA10 | <i>swedmarkii</i> Sterrer, 1966                   |
| IA11 | <b>BURSOVAGINOIDEA</b>                            |
| IA12 | Mesognathariidae                                  |
| IA13 | <i>Mesognathia</i> Sterrer, 1966                  |
| IA14 | <i>remanei</i> Sterrer, 1966                      |
| IA15 | <i>Labidognathia</i> Riedl, 1970                  |
| IA16 | <i>longicollis</i> Riedl, 1970                    |
| IA17 | Gnathostomariidae                                 |
| IA18 | <i>Gnathostomaria</i> Ax, 1956                    |
| IA19 | <i>lutheri</i> Ax, 1956                           |
| IA20 | Gnathostomulidae                                  |
| IA21 | <i>Gnathostomula</i> Ax, 1956                     |
| IA22 | <i>paradoxa</i> Ax, 1956                          |
| IA23 | <i>microstyla</i> Riedl, 1971                     |
| IA24 | Onychognathiidae                                  |
| IA25 | <i>Valvognathia</i> Kristensen & Nørrevang, 1978  |
| IA26 | <i>pogonostoma</i> Kristensen & Nørrevang, 1978   |
| IA27 | Rastrognathiidae                                  |
| IA28 | <i>Rastrognathia</i> Kristensen & Nørrevang, 1977 |
| IA29 | <i>macrostoma</i> Kristensen & Nørrevang, 1977    |

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## LORICIFERA

## INTRODUCTION

Loriciferans are minute organisms, about a quarter of a millimetre in length, which live in the interstices of marine gravels. They share some morphological affinities with Rotifers, Kinorhynchs, Priapulids and Nematomorphans and several authors (Malakov, 1980 and Bergstrom, 1989) have suggested uniting these and others into a single phylum called the Cephalorhyncha.

Loriciferans are difficult to extract from marine substrates, requiring osmotic shocking with freshwater to loosen their grip, which perhaps explains why they remained undiscovered until the 1980s (Kristensen, 1983). Moreover, as they bear a superficial resemblance to loricate rotifers, such as *Notholca*, which occur in the same habitat, they can easily be overlooked or misidentified.

The original description of the phylum was from material dredged off Roscoff in France. About thirty species have since been added, from the Mediterranean, Greenland, the Azores, the Gulf of Mexico, eastern United States, the Coral Sea and the Pacific (Higgins & Kristensen, 1986). Although the type description represents the only species from the British marine area it is quite probable that other species will be discovered within British waters.

## CLASSIFICATION

Phylum LORICIFERA

Order NANALORICIDA

Family Nanaloricidae ..... IB3

Phylum LORICIFERA

|     |                    |                  |
|-----|--------------------|------------------|
| IB1 | LORICIFERA         |                  |
| IB2 | NANALORICIDA       |                  |
| IB3 | Nanaloricidae      |                  |
| IB4 | <i>Nanaloricus</i> | Kristensen, 1983 |
| IB5 | <i>mysticus</i>    | Kristensen, 1983 |

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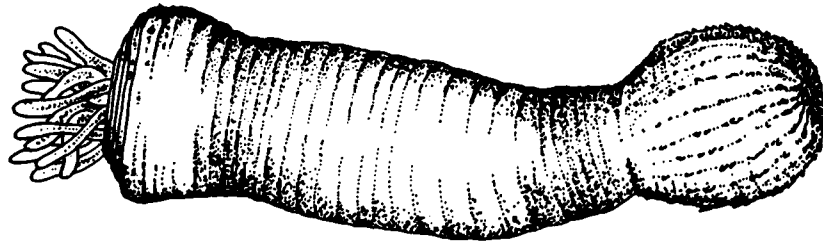
# PRIAPULIDA

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## PRIAPULIDA

## INTRODUCTION

The Priapulida are a small group of marine worm-like animals whose affinities remain unclear. The phylum contains two genera, with only one species recorded for the British Isles although others may be found. The reference texts followed are Stephen (1980) and Knight-Jones & Ryland (1990).

## CLASSIFICATION

Phylum PRIAPULIDA

Family Priapulidae ..... J2

Phylum PRIAPULIDA

|    |  |                            |
|----|--|----------------------------|
| J1 | PRIAPULIDA                                   |                            |
| J2 | Priapulidae                                  |                            |
| J3 | <i>Halicryptus</i> Siebold, 1849             |                            |
| J4 | <i>spinulosus</i> Siebold, 1849              | Recorded from Scandinavia. |
| J5 | <i>Priapulus</i> Lamarck, 1816               |                            |
| J6 | <i>bicaudatus</i> (Koren & Danielssen, 1875) | Recorded from Scandinavia. |
| J7 | <i>caudatus</i> Lamarck, 1816                |                            |

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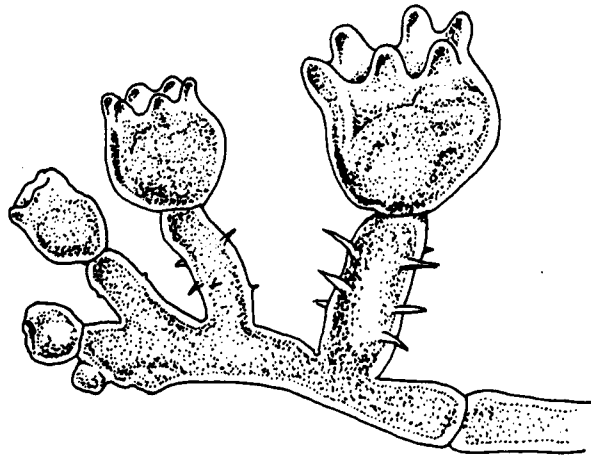
# ENTOPROCTA

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## ENTOPROCTA

## INTRODUCTION

The Entoprocta is a small group of lophophorate organisms which have previously been treated as a class within the Bryozoa. An alternative name for the phylum is Kamptozoa. The British fauna, comprising three families, the Loxosomatidae, Pedicellinidae and Urnatellidae, has been poorly studied and thus this list is probably incomplete and is certainly liable to change. The major source reference is Nielsen (1989) whilst Knight-Jones & Ryland (1990) provide descriptions of a number of species.

## CLASSIFICATION

## Phylum ENTOPROCTA

## Order SOLITARIA

Family Loxosomatidae ..... K3

## Order COLONIALES

Family Pedicellinidae ..... K44

Family Barentsiidae ..... K49

Family Urnatellidae ..... K57

## Phylum ENTOPROCTA

|     |   |  |   |
|-----|---|--|---|
| K1  | <b>ENTOPROCTA</b>                               |  |   |
| K2  | <b>SOLITARIA</b>                                |  |   |
| K3  | Loxosomatidae                                   |  |   |
| K4  | <i>Loxosoma</i> Keferstein, 1862                |  |   |
| K5  | <i>agile</i> Nielsen, 1964                      |  | Not yet recorded from the area.   |
| K6  | <i>annelidicola</i> (van Beneden & Hesse, 1864) |  |   |
| K7  | <i>claparedei</i> Bobin & Prenant, 1953         |  |   |
| K8  | <i>loxalina</i> Assheton, 1912                  |  |   |
| K9  | <i>monensis</i> Eggleston, 1965                 |  |   |
| K10 | <i>pectinaricola</i> (Franzén, 1962)            |  | See Eggleston & Bull (1966).  |
| K11 | <i>rhodinicola</i> Franzén, 1962                |  |   |
| K12 | <i>saltans</i> Assheton, 1912                   |  |   |
| K13 | <i>significans</i> Nielsen, 1964                |  | Not yet recorded from the area.   |
| K14 | <i>singulare</i> Keferstein, 1862               |  | non <i>L. singulare</i> auct. pre-1953.   |
| K15 | <i>Loxosomella</i> Mortensen, 1911              |  | Revised by Nielsen (1964).  |
| K16 | <i>aripes</i> Nielsen, 1964                     |  | Not yet recorded from the area.   |
| K17 | <i>atkinsae</i> Bobin & Penant, 1953            |  | Synonym: <i>L. arvyae</i> Bobin & Prenant, 1953; <i>L. bouxini</i> Bobin & Prenant; ? <i>L. cuenoti</i> Bobin & Prenant; <i>L. fungiformis</i> Bobin & Prenant, 1953. |
| K18 | <i>brucei</i> Eggleston, 1965                   |  |   |
| K19 | <i>claviformis</i> (Hincks, 1880)               |  |   |
| K20 | <i>compressa</i> Nielsen & Ryland, 1961         |  |   |
| K21 | <i>crassicauda</i> (Salensky, 1877)             |  |   |
| K22 | <i>discopoda</i> Nielsen & Ryland, 1961         |  | Not yet recorded from the area.   |
| K23 | <i>elegans</i> Nielsen, 1964                    |  | Not yet recorded from the area, but see Hamond (1975).  |
| K24 | <i>glandulifera</i> Franzén, 1962               |  | Not yet recorded from the area.   |
| K25 | <i>fagei</i> Bobin & Prenant, 1953              |  |   |
| K26 | <i>fauveli</i> Bobin & Prenant, 1953            |  | Synonym: <i>Loxosoma singulare</i> auct.  |
| K27 | <i>harmeri</i> (Schultz, 1895)                  |  | See Eggleston & Bull (1966).  |
| K28 | <i>kefersteinii</i> (Claparède, 1867)           |  |   |
| K29 | <i>marsypos</i> Nielsen & Ryland, 1961          |  |   |
| K30 | <i>murmanica</i> (Nilus, 1909)                  |  | Has often been confused with <i>L. nitschei</i> .   |
| K31 | <i>nitschei</i> (Vigelius, 1882)                |  | See Eggleston & Bull (1966) and Eggleston (1965).   |
| K32 | <i>nordgaardi</i> Ryland, 1961                  |  | See Eggleston & Bull (1966).  |
| K33 | <i>obesa</i> (Atkins, 1932)                     |  |   |
| K34 | <i>ornata</i> Nielsen, 1964                     |  | See Hamond (1975). Not yet recorded from the area.  |
| K35 | <i>phascolosomata</i> (Vogt, 1876)              |  |   |
| K36 | <i>polita</i> Nielsen, 1964                     |  | Not yet recorded from the area.   |
| K37 | <i>scaura</i> (Nielsen, 1964)                   |  | Not yet recorded from the area.   |
| K38 | <i>similis</i> (Nielsen, 1964)                  |  | Not yet recorded from the area.   |
| K39 | <i>teissieri</i> (Bobin & Prenant, 1953)        |  | Not yet recorded from the area but see Hamond (1975).   |
| K40 | <i>varians</i> Nielsen, 1964                    |  | Not yet recorded from the area but see Hamond (1975).   |
| K41 | <i>Loxomespilon</i> Bobin & Prenant, 1953       |  |   |
| K42 | <i>perezi</i> Bobin & Prenant, 1953             |  |   |
| K43 | <b>COLONIALES</b>                               |  |   |
| K44 | Pedicellinidae                                  |  |   |
| K45 | <i>Pedicellina</i> M Sars, 1835                 |  |   |
| K46 | <i>cernua</i> (Pallas, 1774)                    |  | Synonyms: <i>P. echinata</i> M. Sars, 1835; <i>P. glabra</i> Ehlers, 1890.  |
| K47 | <i>hispida</i> Ryland, 1965                     |  | Type locality New Zealand.  |
| K48 | <i>nutans</i> Dalyell, 1848                     |  | Often confused with <i>P. cernua</i> .  |
| K49 | Barentsiidae                                    |  |   |
| K50 | <i>Barentsia</i> Hincks, 1880                   |  |   |

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|     |                     |                        |  |
|-----|---------------------|------------------------|--|
| K51 | <i>benedeni</i>     | (Foettinger, 1886)     | Synonym: <i>Barentsia gracilis</i> of Mariscal (1965);<br><i>Arthropodaria kovalevskii</i> Nasonov, 1926.                        |
| K52 | <i>elongata</i>     | Jullien & Calvet, 1903 | Synonym: <i>B. laxa</i> Kirkpatrick, 1890.   |
| K53 | <i>gracilis</i>     | (M Sars, 1835)         | Synonyms: <i>Pedicellina belgica</i> van Beneden; <i>Ascopodaria nodosa</i> Lamas; non <i>B. gracilis</i> of Emschermann (1961). |
| K54 | <i>matsushimana</i> | Toriumi, 1951          | Synonyms: <i>B. laxa</i> auct.; <i>B. gracilis</i> of Emschermann (1961).  |
| K55 | <i>mutabilis</i>    | (Toriumi, 1951)        | Immigrant species; type locality Japanese. May not be a valid species.   |
| K56 | <i>ramosa</i>       | (Robertson, 1900)      | Introduction to Holland from American west coast which has apparently failed to establish permanently.                           |
| K57 | Urnatellidae        |                        |  |
| K58 | <i>Urnatella</i>    | Leidy, 1851            |  |
| K59 | <i>gracilis</i>     | Leidy, 1851            | Freshwater.  |

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# CHAETOGNATHA

## INTRODUCTION

The phylum Chaetognatha is an exclusively marine group of carnivorous hermaphrodite animals which, except for the benthic genus *Spadella*, are all planktonic. They are often called "arrow-worms". At present about 60 species are fully recognised of which nineteen have been recorded in the north east Atlantic and around the British Isles. This list is entirely based on the Linnean Society guide to the Chaetognatha (Pierrot-Bults & Chidgey, 1988).

## Phylum CHAETOGNATHA

|     |                              |                      |
|-----|------------------------------|----------------------|
| L1  | <b>CHAETOGNATHA</b>          |                      |
| L2  | <i>Eukrohnia</i>             | Ritter-Zahony, 1909  |
| L3  | <i>fowleri</i>               | Ritter-Zahony, 1909  |
| L4  | <i>hamata</i>                | (Möbius, 1875)       |
| L5  | <i>Krohnia</i>               | Ritter-Zahony, 1910  |
| L6  | <i>subtilis</i>              | (Grassi, 1881)       |
| L7  | <i>Pterosagitta</i>          | Costa, 1869          |
| L8  | <i>draco</i>                 | (Krohn, 1853)        |
| L9  | <i>Sagitta</i>               | Quoy & Gaimard, 1827 |
| L10 | <i>bipunctata</i>            | Quoy & Gaimard, 1827 |
| L11 | <i>decipiens</i>             | Fowler, 1905         |
| L12 | <i>elegans</i>               | Verrill, 1873        |
| L13 | <i>elegans elegans</i>       | Verrill, 1873        |
| L14 | <i>elegans arctica</i>       | Aurivillius, 1896    |
| L15 | <i>elegans baltica</i>       | Ritter-Zahony, 1911  |
| L16 | <i>enflata</i>               | Grassi, 1881         |
| L17 | <i>friderici</i>             | Ritter-Zahony, 1911  |
| L18 | <i>hexaptera</i>             | d'Orbigny, 1843      |
| L19 | <i>lyra</i>                  | Krohn, 1853          |
| L20 | <i>macrocephala</i>          | Fowler, 1905         |
| L21 | <i>maxima</i>                | (Conant, 1896)       |
| L22 | <i>minima</i>                | Grassi, 1881         |
| L23 | <i>planctonis planctonis</i> | Steinhaus, 1896      |
| L24 | <i>planctonis zetesios</i>   | Fowler, 1905         |
| L25 | <i>serratodentata</i>        | Krohn, 1853          |
| L26 | <i>setosa</i>                | J Müller, 1847       |
| L27 | <i>tasmanica</i>             | Thomson, 1947        |
| L28 | <i>Spadella</i>              | Langerhans, 1880     |
| L29 | <i>cephaloptera</i>          | (Busch, 1851)        |

NE Atlantic including west coasts of British Isles & Bay of Biscay.  
NE Atlantic from the Bay of Biscay to north Scotland and the North Sea.

West coasts of British Isles and Bay of Biscay.

NE Atlantic.

NE Atlantic from the Bay of Biscay to Cape Wrath.  
In Scottish waters and NE Atlantic. It is also recorded from the Bay of Biscay.

Recorded from all British coasts.  
NE Atlantic including the Irish coast.  
Recorded occasionally in Scottish waters.

NE Atlantic including Scottish waters.

Coastal NE Atlantic.

NE Atlantic including Scottish coasts to the Faeroe Islands.  
NE Atlantic including coasts from the Bay of Biscay to Scotland.

Bay of Biscay to the Hebrides.

NE Atlantic from Ireland to the Faeroe Channel.

NE Atlantic.

This species has often been confused with *S.planctonis zetesios*. Recorded from the Bay of Biscay.

NE Atlantic from the Bay of Biscay to the Hebrides.

NE Atlantic, north to latitude 50°N.

Known from Scottish waters, the North Sea and the English Channel.

NE Atlantic including the Bay of Biscay and west coasts of the British Isles.

All around the British Isles.

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# **POGONOPHORA**

compiled by

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# POGONOPHORA

## INTRODUCTION

The phylum Pogonophora is an exclusively marine group of worm-like invertebrates, the majority of which live in sediments on the continental slopes. Some species also occur in shallower water and may be found within the area considered here.

The group was first discovered only 70 years ago and remains relatively poorly known. Ivanov (1963) provided a world account of the species and since this publication a number of new species have been described from waters adjacent to the British Isles (see, for example, Webb, 1964; Flügel & Langhof, 1983) and more may be added as further collections are made. Species are included in the present list on the basis of distributions given in Ivanov (1963) and in subsequent original descriptions. The only species as yet recorded from depths shallower than 200m within the area are *Siboglinum holmei* Southward and *S. norvegicum* Ivanov, but a number of others are included here as they occur on the depth boundary of the area in the Skagerrak and western Norway. The classification followed is that of Ivanov (1963) as modified by Webb (1964, 1969), with advice from Southward. Knight-Jones and Ryland (1990) give descriptions of the species.

## CLASSIFICATION

### Phylum POGONOPHORA

#### Class FRENULATEA

##### Order ATHECANEPHRIDA

Family Oligobrachiidae ..... M4

Family Siboglinidae ..... M7

##### Order THECANEPHRIDA

Family Polybrachiidae ..... M17

Family Sclerolinidae ..... M20

### Phylum POGONOPHORA

|     |                     |                             |  |
|-----|---------------------|-----------------------------|--|
| M1  | POGONOPHORA         |                             |  |
| M2  | FRENULATEA          |                             | Synonym: Perviata  |
| M3  | ATHECANEPHRIDA      |                             |  |
| M4  | Oligobrachiidae     |                             |  |
| M5  | <i>Oligobrachia</i> | Ivanov, 1957                |  |
| M6  | <i>ivanovi</i>      | Southward, 1959             | One specimen at 1400m depth off mouth of English Channel   |
| M7  | Siboglinidae        |                             |  |
| M8  | <i>Siboglinum</i>   | Caulery, 1914               |  |
| M9  | <i>atlanticum</i>   | Southward & Southward, 1958 | In mud at 950-1800m depth, south west of Britain and north of Spain.   |
| M10 | <i>ekmani</i>       | Jagersten, 1956             | Skagerrak, 340-1250m, below 1000m on Biscay slope, south-west of Britain and at 120m in Raunefjorden near Bergen.            |
| M11 | <i>fiordicum</i>    | Webb, 1963                  | Skagerrak, 200-270m (Flügel & Langhof, 1983), and Norwegian fjords at 20m (George & George, 1979). See also O'Connor (1981). |
| M12 | <i>holmei</i>       | Southward, 1963             | In muddy sand at 150-400m off Dingle Bay, Ireland and North Minch, Scotland. See also O'Connor (1981).                       |
| M13 | <i>inerna</i>       | Southward & Southward, 1958 | At 500-1280m south west of Britain.  |
| M14 | <i>norvegicum</i>   | Ivanov, 1960                | Norwegian Sea, west of Shetland Isles, 120m (Ivanov, 1963).  |
| M15 | <i>poseidoni</i>    | Flügel & Langhof, 1983      | Skagerrak, 230-340m (Flügel & Langhof, 1983).  |
| M16 | THECANEPHRIDA       |                             |  |
| M17 | Polybrachiidae      |                             |  |
| M18 | <i>Diplobrachia</i> | Ivanov, 1960                |  |
| M19 | <i>capillaris</i>   | (Southward, 1959)           | At about 500-1500m south west of Britain.  |
| M20 | Sclerolinidae       |                             |  |
| M21 | <i>Sclerolinum</i>  | Southward, 1961             |  |
| M22 | <i>brattstromi</i>  | Webb, 1964                  | Hardangerfjorden, west Norway 100-870m (Webb, 1964), tubes attached to rotting wood, old rope, etc.                          |
| M23 | AFRENULATEA         |                             |  |
| M24 | VESTIMENTIFERIDA    |                             | Not yet recorded from the area.  |

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# SIPUNCULA

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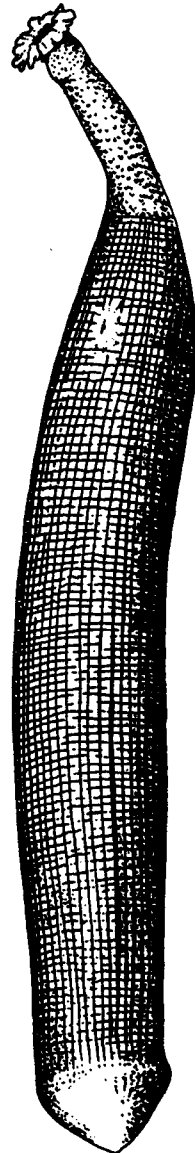
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## SIPUNCULA

## INTRODUCTION

The Sipuncula is a relatively small phylum of marine, worm-like invertebrates which has in the past been arbitrarily combined with the Echiura. It is a widespread but often overlooked group, particularly in inshore waters, with approximately 149 species in 29 genera although several species are known only from a very few specimens. A number of species should be considered doubtful, although all those currently recognised from the British Isles seem to be satisfactory. Many more species occur in deeper water outside the area and have been the subject of recent work (see, for example, Cutler & Cutler, 1985a, 1985b, 1987; Gibbs, 1985, 1986). The present list is based entirely on the recent monograph by Cutler (1994) which replaces that by Stephen and Edmonds (1972) as the standard text on the group, and in which a full synonymy will be found. Knight-Jones & Ryland (1990) give a useful summary of the group with descriptions of the main species.

## CLASSIFICATION

## Phylum SIPUNCULA

## Class SIPUNCULIDEA

## Order SIPUNCULIFORMES

Family Sipunculidae ..... N4

## Order GOLFINGIIFORMES

Family Golfingiidae ..... N11

Family Phascolionidae ..... N29

## Class PHASCOLOSOMATIDEA

## Order PHASCOLOSOMATIFORMES

Family Phascolosomatidae ..... N40

## Order ASPIDOSIPHONIFORMES

Family Aspidosiphonidae ..... N45

## Phylum SIPUNCULA

|     |   |   |
|-----|---|---|
| N1  | <b>SIPUNCULA</b>                                      |   |
| N2  | <b>SIPUNCULIDEA</b>                                   |   |
| N3  | <b>SIPUNCULIFORMES</b>                                | Synonym: Golfingiida  |
| N4  | Sipunculidae  |   |
| N5  | <i>Siphonosoma</i> Spengel, 1912                      |   |
| N6  | <i>arcassonense</i> (Cuénot, 1902)                    | Intertidal burrower. Atlantic coasts of France and Spain.   |
| N7  | <i>Sipunculus</i> Linnaeus, 1766                      |   |
| N8  | <i>norvegicus</i> Danielssen, 1869                    | Synonym: <i>S. nitidus</i> Sluiter, 1900; <i>S. aequabilis</i> Sluiter, 1902; <i>S. infrons</i> Sluiter, 1902.  |
| N9  | <i>nudus</i> Linnaeus, 1766                           | Synonyms: <i>S. gigas</i> de Quatrefages, 1865; <i>S. titubans</i> Selenka & Bülow, 1883.   |
| N10 | <b>GOLFINGIIFORMES</b>                                |   |
| N11 | Golfingiidae  |   |
| N12 | <i>Golfingia</i> Lankester, 1885                      |   |
| N13 | <i>Golfingia</i> ( <i>Golfingia</i> ) Lankester, 1885 |   |
| N14 | <i>elongata</i> (Keferstein, 1862)                    | Synonyms: <i>G. charcoti</i> (Hérubel, 1906); <i>G. derjugini</i> (Gadd, 1911); <i>G. cylindrata</i> (Keferstein, 1865); <i>G. delagei</i> (Hérubel, 1903). |
| N15 | <i>iniqua</i> (Sluiter, 1912)                         | Synonym: <i>G. rugosa</i> (Southern 1913); <i>G. mutabilis</i> (Southern, 1913).  |
| N16 | <i>margaritacea margaritacea</i> (M Sars, 1851)       | Very widely distributed species with complex synonymy. See Cutler (1994) for details.   |
| N17 | <i>vulgaris vulgaris</i> (de Blainville, 1827)        | Synonym: <i>G. kolensis</i> Gadd, 1911.   |
| N18 | <i>intermedia</i> (Southern, 1913)                    | Not yet recorded from the area.   |
| N19 | <i>Nephasoma</i> Pergament, 1940                      |   |
| N20 | <i>Nephasoma</i> ( <i>Nephasoma</i> ) Pergament, 1940 |   |
| N21 | <i>constrictum</i> (Southern, 1913)                   | Recorded from 200 metres at edge of area.   |
| N22 | <i>diaphanes diaphanes</i> (Gerould, 1913)            | Synonyms: <i>G. minuta</i> & <i>G. improvisa</i> , both of Stephen & Edmonds (1972); <i>G. cincta</i> Gerould, 1913.  |
| N23 | <i>diaphanes corrugatum</i> N Cutler & Cutler, 1986   | Widely distributed in Atlantic & Pacific Oceans, 80 - 5,900 metres.   |
| N24 | <i>eremita</i> (G O Sars, 1851)                       | Scattered records from N. Atlantic. Synonym: <i>Golfingia eremita</i> .   |
| N25 | <i>minutum</i> (Keferstein, 1862)                     | Synonyms: <i>G. minuta</i> ; <i>G. improvisa</i> (Théel, 1905).   |
| N26 | <i>rimicola</i> (Gibbs, 1973)                         |   |
| N27 | <i>Thysanocardia</i> Fisher, 1950                     |   |
| N28 | <i>procera</i> (Möbius, 1875)                         | Synonym: <i>G. procera</i> .  |
| N29 | Phascolionidae  |   |

---

|     |  |   |
|-----|--|---|
| N30 | <i>Phascolion</i> Théel, 1875                      |   |
| N31 | <i>Phascolion (Isomya)</i> E Cutler & Cutler, 1985 |   |
| N32 | <i>tuberculosis</i> Théel, 1875                    | West coasts of Norway and Sweden; not yet recorded from the area. |
| N33 | <i>Phascolion (Phascolion)</i> Théel, 1875         | See Hendrik (1976).   |
| N34 | <i>strombus strombus</i> (Montagu, 1804)           |   |
| N35 | <i>Onchnesoma</i> Koren & Danielssen, 1875         |   |
| N36 | <i>squamatum</i> (Koren & Danielssen, 1876)        |   |
| N37 | <i>steenstrupii</i> Koren & Danielssen, 1875       |   |
| N38 | <b>PHASCOLOSOMATIDEA</b>                           |   |
| N39 | <b>PHASCOLOSOMATIFORMES</b>                        |   |
| N40 | Phascolosomatidae                                  |   |
| N41 | <i>Phascolosoma</i> Leuckart, 1828                 |   |
| N42 | <i>Phascolosoma (Phascolosoma)</i> Leuckart, 1828  |   |
| N43 | <i>granulatum</i> Leuckart, 1828                   |   |
| N44 | <b>ASPIDOSIPHONIFORMES</b>                         |   |
| N45 | Aspidosiphonidae                                   |   |
| N46 | <i>Aspidosiphon</i> Diesing, 1851                  |   |
| N47 | <i>muelleri</i> Diesing, 1851                      |   |

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## ECHIURA

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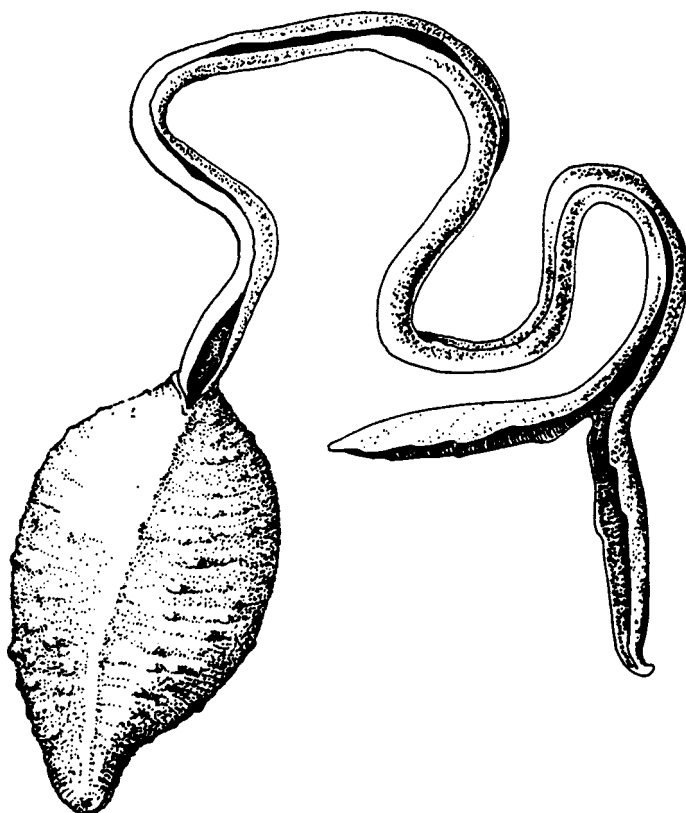
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# ECHIURA

## INTRODUCTION

The echiurans or spoon worms were, in the 19th century, placed with the sipunculans and priapulids in the Gephyrea, a group thought to form a link between the annelids and the holothurians and generally considered a class of the Annelida. The work of Newby (1940) first established phyletic status for the Echiuroidea, and the phylum name Echiura, now generally accepted, was first used by Stephen (1965). The group is almost entirely marine with a few brackish water species. There are two families and seven species currently known from British waters, but it is likely that others will be found. The checklist is based on Stephen and Edmonds (1972) and Bock (1942). The higher classification is based on Knight-Jones & Ryland (1990).

## CLASSIFICATION

### Phylum ECHIURA

#### Order ECHIURIDA

Family Echiuridae ..... O3

#### Order BONELLIIDA

Family Bonelliidae ..... O11

### Phylum ECHIURA

|     |  |   |
|-----|--|---|
| O1  | <b>ECHIURA</b>                         |   |
| O2  | <b>ECHIURIDA</b>                       |   |
| O3  | Echiuridae                             |   |
| O4  | <i>Echiurus</i> Guérin-Méneville, 1831 |   |
| O5  | <i>abyssalis</i> Skorikow, 1906        | Deep water species. Synonym: <i>E. pallasi</i> (Guérin).        |
| O6  | <i>echiurus</i> (Pallas, 1766)         | Holarctic, extending southwards to the North Sea.               |
| O7  | <i>Thalassema</i> Lamarck, 1801        |   |
| O8  | <i>arcassonense</i> Cuénot             |   |
| O9  | <i>thalassemum</i> (Pallas, 1766)      | Mediterranean species extending northwards to southern Britain. |
| O10 | <b>BONELLIIDA</b>                      |   |
| O11 | Bonelliidae                            |   |
| O12 | <i>Amalosoma</i> Fisher, 1948          |   |
| O13 | <i>eddystonense</i> Stephen, 1956      |   |
| O14 | <i>Bonellia</i> Rolando, 1821          |   |
| O15 | <i>viridis</i> Rolando, 1821           |   |
| O16 | <i>Maxmulleria</i> Bock, 1942          | Synonym: <i>Maxmulleria</i> .                                   |
| O17 | <i>faex</i> (Selenka, 1885)            | Deep water species recorded from 1034m off the Norwegian coast. |
| O18 | <i>lankesteri</i> (Herdman, 1898)      | See Bock (1942). Synonym: <i>Thalassema lankesteri</i> Herdman. |

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# ANNELIDA

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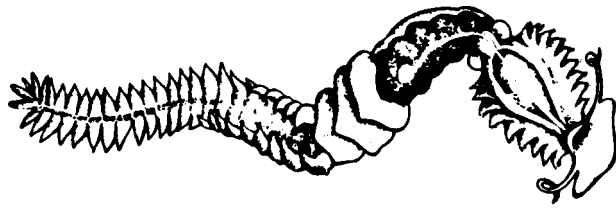
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# ANNELIDA

## INTRODUCTION

The phylum Annelida, comprising three major classes (Polychaeta, Oligochaeta and Hirudinea), is an important component of the marine invertebrate fauna. The Polychaeta are by far the largest group, occurring in all habitats and at all depths. They are particularly abundant in the benthos, commonly dominating the macrofauna in both number of species and individuals. Polychaetes also exhibit the greatest degree of morphological diversification within the Annelida. The Oligochaeta are traditionally considered a predominantly non-marine group. Recent studies, however, suggest that most marine oligochaetes are meiofaunal and much smaller than their terrestrial and freshwater counterparts. Consequently the number of marine species has been greatly underestimated. The marine Hirudinea (leeches) are a small group of mainly parasitic forms.

The classification of the Annelida is subject to much debate. Disagreement reigns at even the higher levels of classification. For example, some consider the Polychaeta and Oligochaeta as sub-classes of the Chaetopoda, while others treat the Oligochaeta and Hirudinea as sub-classes of the Clitellata. Similarly several smaller groups (e.g. myzostomes and 'archannelids') are variously regarded as classes in their own right or are included in the Polychaeta. At lower levels of classification the Polychaeta have received the greatest attention. Until relatively recently polychaete families were divided into two orders, Errantia and Sedentaria, based primarily on inferred mobility and life habits. Current schemes reflect phylogenetic ideas and, though a number of families have uncertain affinities, approximately 24 orders are recognized (see Fauchald, 1977; Pettibone, 1982; George & Hartmann-Schröder, 1985). A detailed account of polychaete morphology, families, classification schemes and phylogeny may be found in Fauchald & Rouse (in press). A new classification based upon cladistic analyses will soon be published (Rouse & Fauchald, in press). For the present, the annelid checklist generally follows George & Hartmann-Schröder (1985) for the Polychaeta and Brinkhurst (1982a) for the Oligochaeta. The Myzostomida are considered here to be an order within the Polychaeta.

In the following checklist the Polychaeta have been considered in the most detail and where necessary annotated to identify problems or possible synonymies. It is important to emphasise that many comments represent the individual opinions of several workers and are not published facts. Likewise the list does not represent a publication within the meaning of the International Code of Zoological Nomenclature.

It is beyond the scope of this project to provide a comprehensive list of references to the species covered. Readers are directed in the first instance to Fauvel (1923, 1927), Hartmann-Schröder (1971), George & Hartmann-Schröder (1985), Holthe (1986), Westheide (1990), Pleijel & Dales (1991) and Pleijel (1993a) for the Polychaeta, and Brinkhurst (1982a) for the Oligochaeta. Additional references are given for papers cited in this introduction and in the annotations. As part of the Linnean Society's 'Synopses of the British Fauna' series, 11 monographs on the Polychaeta are planned. Four of these have been published; the references are given here. The Norwegian Research Council for Science and Humanities are publishing similar monographs in their 'Marine Invertebrates of Scandinavia' series. The area considered by MIOS overlaps that of the British Synopses in the north and east. The first polychaete monograph (Holthe, 1986) dealt with the Terebellida, the second, Pleijel (1993a), with the Phyllodoctidae. It is anticipated that collectively these two series will solve many of the taxonomic problems facing British workers in the field.

'Polychaete Research' (contact Dr. Mettam, University College, Cardiff) provides an irregular outlet for informal comment and opinion on the Polychaeta, while those with e-mail can receive 'Chaetozone' for up-to-date information (contact Dr. Geoffrey Read, 12 Oriel Place, Wellington, New Zealand on [gread@actrix.gen.nz](mailto:gread@actrix.gen.nz)). Geoff also acts as moderator for the ANNELIDA mailing list, which provides a forum for the "discussion of the scientific study of Phylum Annelida and of other worms with annelid affinities". To subscribe, send "subscribe annelida" (without quotes) as a message in the body of an e-mail to [bio-sci-server@net.bio.net](mailto:bio-sci-server@net.bio.net). For polychaete references, the 2<sup>nd</sup> edition of the *Literature on the Polychaeta (Annelida)* by Linda A. Ward & Kristian Fauchald is now available at <http://www.keil.ukans.edu/~worms/bibliog/bibliowf.html> in Papyrus format or as ASCII delimited text files.

### Abbreviations used in annotations:

ASYM : Andy Mackie, National Museum of Wales, Cardiff.  
BO'C : Brendan O'Connor, University College, Galway.  
Fauvel : Fauvel (1923, 1927).

JPH : John Hartley, Amoco UK, Aberdeen.  
OPRU : Oil Pollution Research Unit, Pembroke.  
PRG : Peter Garwood, Identichaet, Newcastle-upon-Tyne.

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Phylum ANNELIDA

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| P1  | <b>ANNELIDA</b>                            |  |  |
| P2  | <b>POLYCHAETA</b>                          |  |  |
| P3  | <b>PHYLLODOCIDA</b>                        |  |  |
| P4  | <b>CHRYSOPETALACEA</b>                     |  |  |
| P5  | Chrysopetalidae                            |  | See Perkins (1985). George & Hartmann-Schröder (1985) include this in the Palmyridae.  |
| P6  | <i>Chrysopetalum</i> Ehlers, 1864          |  | Includes <i>Palmyropsis</i> Claparède, 1864.   |
| P7  | <i>caecum</i> (Langerhans, 1880)           |  | Belongs to an undescribed genus; see Perkins (1985). Status re-examined by Dahlgren & Pleijel (1995).  |
| P8  | <i>debile</i> (Grube, 1855)                |  | Synonyms: <i>Chrysopetalum fragile</i> Ehlers, 1864; <i>Palmyra debilis</i> .  |
| P9  | <i>Dysponetus</i> Levinsen, 1879           |  |  |
| P10 | <i>paleophorus</i> Hartmann-Schröder, 1974 |  |  |
| P11 | <i>pygmaeus</i> Levinsen, 1879             |  | Not yet recorded from the area.  |
| P12 | <b>PISIONOIDEA</b>                         |  |  |
| P13 | Pisionidae                                 |  |  |
| P14 | <i>Pisione</i> Grube, 1856                 |  |  |
| P15 | <i>remota</i> (Southern, 1914)             |  | Synonym: <i>Praegeria remota</i> .   |
| P16 | <b>APHRODITOIDEA</b>                       |  |  |
| P17 | Aphroditidae                               |  | See Chambers (1985).   |
| P18 | <i>Aphrodita</i> Linnaeus, 1758            |  | Synonym: <i>Aphrodite</i> of Fauvel.   |
| P19 | <i>aculeata</i> Linnaeus, 1758             |  |  |
| P20 | <i>Hermonia</i> Hartman, 1959              |  |  |
| P21 | <i>hystrix</i> (Savigny in Lamarck, 1818)  |  | Synonym: <i>Hermione hystrix</i> .   |
| P22 | <i>Laetmonice</i> Kinberg, 1855            |  |  |
| P23 | <i>filicornis</i> Kinberg, 1855            |  | Synonym: <i>Laetmatonice filicornis</i> .  |
| P24 | <i>producta</i> Grube, 1877                |  | Synonym: <i>Laetmatonice producta</i> var. <i>britannica</i> of Fauvel.  |
| P25 | Polynoidae                                 |  | See Tebble & Chambers (1982).  |
| P26 | <i>Acanthicolepis</i> McIntosh, 1900       |  |  |
| P27 | <i>asperrima</i> (M Sars, 1861)            |  |  |
| P28 | <i>Acholoe</i> Claparède, 1870             |  |  |
| P29 | <i>squamosa</i> (Chiaje, 1827)             |  | Synonym: <i>A. astericola</i> (Chiaje, 1841) of Fauvel.  |
| P30 | <i>Adyte</i> Saint-Joseph, 1899            |  |  |
| P31 | <i>assimilis</i> (McIntosh, 1874)          |  | Synonym: <i>Scalissetosus assimilis</i> .  |
| P32 | <i>pellucida</i> (Ehlers, 1864)            |  | Synonyms: <i>Scalissetosus fragilis</i> of George (1974); <i>Scalissetosus pellucidus</i> .  |
| P33 | <i>Alentia</i> Malmgren, 1865              |  |  |
| P34 | <i>gelatinosa</i> (M Sars, 1835)           |  | Synonym: <i>Halosydna gelatinosa</i> .   |
| P35 | <i>Allmaniella</i> McIntosh, 1885          |  |  |
| P36 | <i>setubalensis</i> McIntosh, 1885         |  | Not known with certainty from the area.  |
| P37 | <i>Antinoella</i> Augener, 1928            |  |  |
| P38 | <i>promamme</i> (Malmgren, 1867)           |  | Synonym: <i>Harmothoe (Antinoella) sarsi promamme</i> of Hartmann-Schröder (1971); Northern distribution.  |
| P39 | <i>sarsi</i> (Malmgren, 1865)              |  | Synonym: <i>Harmothoe (Antinoella) sarsi sarsi</i> of Hartmann-Schröder (1971).  |
| P40 | <i>Diplaconotum</i> Loshamn, 1981          |  |  |
| P41 | <i>paucidentata</i> (Eliason, 1962)        |  | Synonym: <i>Macellicephala paucidentata</i> ; See Loshamn (1981).  |
| P42 | <i>Enipo</i> Malmgren, 1865                |  |  |
| P43 | <i>elisabethae</i> McIntosh, 1900          |  | More specimens of this and <i>E. kinbergi</i> required to be certain of specific differences. See Tebble & Chambers (1982). Synonym: <i>Polynoe kinbergi</i> of Fauvel.  |
| P44 | <i>kinbergi</i> Malmgren, 1865             |  | See above.   |
| P45 | <i>Eunoe</i> Malmgren, 1865                |  |  |
| P46 | <i>nodosa</i> (M Sars, 1861)               |  | Synonym: <i>Harmothoe (Eunoe) nodosa</i> .   |
| P47 | <i>Gattyana</i> McIntosh, 1900             |  |  |
| P48 | <i>amondseni</i> (Malmgren, 1868)          |  | Found by Kingston in Firth of Forth, although no specimen was retained and so the identification has not been confirmed. Tebble & Chambers (1982) do not consider it to be present in the British fauna as yet.  |
| P49 | <i>cirrosa</i> (Pallas, 1766)              |  |  |
| P50 | <i>Harmothoe</i> Kinberg, 1855             |  | Includes <i>Malmgrenia</i> McIntosh, 1874 & <i>Lagisca</i> Malmgren, 1865. See Tebble & Chambers (1982).   |
| P51 | <i>andreapolis</i> (McIntosh, 1874)        |  | Synonym: <i>Harmothoe lunulata</i> var. <i>andreapolis</i> . This and some of the following species may be referred to <i>Malmgrenia</i> , or <i>Malmgreniella</i> (see Pettibone, 1993) but this is at present largely a matter of opinion. (ASYM).<br>Synonym: <i>H. antilopis</i> . |
| P52 | <i>antilopes</i> McIntosh, 1876            |  |  |
| P53 | <i>areolata</i> (Grube, 1860)              |  |  |
| P54 | <i>borealis</i> (Theel, 1879)              |  |  |
| P55 | <i>castanea</i> (McIntosh, 1876)           |  | Synonym: <i>Malmgrenia castanea</i> .  |
| P56 | <i>coeliaca</i> Saint-Joseph, 1888         |  |  |
| P57 | <i>echinopustulata</i> Fauvel, 1913        |  |  |
| P58 | <i>extenuata</i> (Grube, 1840)             |  | Synonym: <i>Lagisca extenuata</i> of Hartmann-Schröder (1971) & Fauvel.<br>Often confused in the literature with <i>Harmothoe impar</i> .  |
| P59 | <i>fragilis</i> Moore, 1910                |  | Synonym: <i>Harmothoe Fraser-Thompsoni</i> .   |
| P60 | <i>fraserthomsoni</i> McIntosh, 1897       |  | <i>Malmgrenia furcosetosa</i> .  |
| P61 | <i>furcosetosa</i> (Loshamn, 1981)         |  | Synonym: <i>Harmothoe longisetis</i> of Hartmann-Schröder (1971) and Fauvel. <i>H. longisetis</i> (Grube, 1863) is a distinct species, from more southern areas. Old records should be re-examined (Tebble & Chambers, 1982).  |
| P62 | <i>glabra</i> (Malmgren, 1865)             |  | Species of doubtful status.  |
| P63 | <i>haliaeti</i> McIntosh, 1876             |  |  |
| P64 | <i>imbricata</i> (Linnaeus, 1767)          |  | May be <i>Harmothoe impar</i> and <i>Harmothoe reticulata</i> of Fauvel but see <i>H. reticulata</i> below.  |
| P65 | <i>impar</i> (Johnston, 1839)              |  |  |
| P66 | <i>ljungmani</i> (Malmgren, 1867)          |  |  |
| P67 | <i>lunulata</i> (Chiaje, 1841)             |  | Identity of species uncertain.   |

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|------|--|---|
| P68  | <i>marphysae</i> McIntosh, 1876                          | Synonym: <i>Harmothoe lunulata</i> var. <i>marphysae</i> of Fauvel.   |
| P69  | <i>maxillospinosa</i> Saint-Joseph, 1888                 |   |
| P70  | <i>mcintoshi</i> Tebble & Chambers, 1982                 | New name for <i>Lagisca jeffreysii</i> McIntosh, 1900 non McIntosh, 1897.<br>Recorded from deep water (>200m) in the Skagerrak.   |
| P71  | <i>micraspis</i> Eliason, 1962                           |   |
| P72  | <i>mollis</i> (G O Sars, 1872)                           |   |
| P73  | <i>reticulata</i> (Claparède, 1870)                      | Generally synonymized with <i>Harmothoe impar</i> but needs re-evaluation.  |
| P74  | <i>spinifera</i> (Ehlers, 1864)                          |   |
| P75  | <i>villosa</i> Malmgren, 1865                            |   |
| P76  | <i>zetlandica</i> McIntosh, 1876                         | May be a valid species (ASYM).  |
| P77  | <i>Lepidasthenia</i> Malmgren, 1867                      |   |
| P78  | <i>argus</i> Hodgson, 1900                               |   |
| P79  | <i>maculata</i> Potts, 1910                              | Recorded from fish stomachs off the Galway coast (BO'C).  |
| P80  | <i>Lepidonotus</i> Leach, 1816                           |   |
| P81  | <i>clava</i> (Montagu, 1808)                             |   |
| P82  | <i>squamatus</i> (Linnaeus, 1758)                        |   |
| P83  | <i>Polynoe</i> Savigny, 1818                             |   |
| P84  | <i>scolopendrina</i> Savigny, 1822                       |   |
| P85  | Acoetidae  | Synonym: Polyodontidae, see Pettibone (1989) and Chambers (1985). Subfamily of Polynoidae according to Muir (1982).<br>emend. Hartman (1939).   |
| P86  | <i>Panthalis</i> Kinberg, 1856                           |   |
| P87  | <i>oerstedii</i> Kinberg, 1856                           |   |
| P88  | <i>Polyodontes</i> Renier, 1828                          |   |
| P89  | <i>maxillosus</i> (Ranzani, 1817)                        | Presence in area uncertain.   |
| P90  | Pholoidae  | Synonyms: Peisidicidae, Pholoididae. See Pettibone (1982, 1992). Placed in Sigalionidae by many workers.<br>All species need to be re-described (ASYM).<br>Has been confused with <i>P. minuta</i> (Fabricius, 1780), so all old records should be considered doubtful (Chambers, 1985).<br>Synonym: <i>Pholoe minuta</i> of Hartmann-Schröder (1971) & Fauvel.<br>Has been confused with <i>Pholoe minuta</i> . See Chambers (1985). |
| P91  | <i>Pholoe</i> Johnston, 1839                             |   |
| P92  | <i>inornata</i> Johnston, 1839                           |   |
| P93  | <i>pallida</i> Chambers, 1985                            | Has been confused with <i>Pholoe minuta</i> . See Chambers (1985).  |
| P94  | <i>synophthalmica</i> Claparède, 1868                    |   |
| P95  | <i>tuberculata</i> Southern, 1914                        | May be a valid species (ASYM).<br>See Chambers (1985).  |
| P96  | Sigalionidae   |   |
| P97  | <i>Leanira</i> Kinberg, 1855                             |   |
| P98  | <i>hystricis</i> Ehlers, 1874                            |   |
| P99  | <i>Neoleanira</i> Pettibone, 1970                        |   |
| P100 | <i>tetragona</i> (Oersted, 1845)                         | Synonym: <i>Leanira tetragona</i> .   |
| P101 | <i>Psammolyce</i> Kinberg, 1855                          |   |
| P102 | <i>arenosa</i> (Chiaje, 1841)                            |   |
| P103 | <i>Sigalion</i> Audouin & Milne-Edwards in Cuvier, 1830  | See Mackie & Chambers (1990).   |
| P104 | <i>mathildae</i> Audouin & Milne-Edwards in Cuvier, 1830 |   |
| P105 | <i>squamosus</i> Chiaje, 1830                            | Synonyms: <i>Sigalion squamatum</i> ; <i>S. squamosum</i> . See Mackie & Chambers (1990).   |
| P106 | <i>Sthenelais</i> Kinberg, 1855                          |   |
| P107 | <i>boa</i> (Johnston, 1839)                              |   |
| P108 | <i>jeffreysii</i> McIntosh, 1876                         | Species of uncertain status.  |
| P109 | <i>limicola</i> (Ehlers, 1864)                           |   |
| P110 | <i>minor</i> Pruvot & Racovitza, 1895                    |   |
| P111 | <i>zetlandica</i> McIntosh, 1876                         |   |
| P112 | Eulepethidae   | See Pettibone (1969). Not yet recorded from the area.   |
| P113 | PHYLLODOCOIDEA   | The Phyllococids of northern waters have been revised by Pleijel (1993a). See also Pleijel & Dales (1991).<br>For phylogeny, see Pleijel (1991a) and Eibye-Jacobsen (1993).   |
| P114 | Phyllococidae  |   |
| P115 | Eteoninae  |   |
| P116 | <i>Eteone</i> Savigny, 1820                              |   |
| P117 | <i>flava</i> (Fabricius, 1780)                           | <i>E. flava</i> and <i>E. longa</i> are very difficult to separate (BO'C).<br>See <i>E. flava</i> .   |
| P118 | <i>longa</i> (Fabricius, 1780)                           | Species requires redescription.   |
| P119 | <i>spetsbergensis</i> Malmgren, 1865                     |   |
| P120 | <i>suecica</i> Bergstrom, 1914                           |   |
| P121 | <i>Hesionura</i> Hartmann-Schröder, 1958                 |   |
| P122 | <i>elongata</i> (Southern, 1914)                         | Synonym: <i>H. augeneri</i> (Friedrich, 1937); <i>Mystides elongata</i> .<br>Genus recognised as valid by Wilson (1988).  |
| P123 | <i>Hypereteone</i> Bergstrom, 1914                       | Synonym: <i>Hypereteone lactea</i> (Claparède, 1868).   |
| P124 | <i>foliosa</i> (Quatrefages, 1866)                       |   |
| P125 | <i>Mysta</i> Malmgren, 1865                              |   |
| P126 | <i>barbata</i> Malmgren, 1865                            |   |
| P127 | <i>picta</i> (Quatrefages, 1866)                         |   |
| P128 | <i>Mystides</i> Theel, 1879                              |   |
| P129 | <i>borealis</i> Theel, 1879                              | Doubtfully recorded from U.K. waters. Most records refer to <i>M. caeca</i> Langerhans, 1880.   |
| P130 | <i>caeca</i> Langerhans, 1880                            |   |
| P131 | <i>southerni</i> Banse, 1954                             | Synonym: <i>Mystides (Pseudomystides) southerni</i> ; Nomen dubium.<br>Synonym: <i>Pseudeulalia</i> Eliason, 1962.  |
| P132 | <i>Protomystides</i> Czerniavsky, 1882                   |   |
| P133 | <i>bidentata</i> (Langerhans, 1880)                      |   |
| P134 | <i>exigua</i> (Eliason, 1962)                            |   |
| P135 | <i>Pseudomystides</i> Bergstrom, 1914                    |   |
| P136 | <i>limbata</i> (Saint-Joseph, 1888)                      | Synonym: <i>Mystides limbata</i> .<br>In Pleijel (1993a).   |
| P137 | <i>spinachia</i> Petersen & Pleijel, 1993                |   |
| P138 | Phyllococinae  |   |
| P139 | <i>Anaitides</i> Czerniavsky, 1882                       | Some authors include this in <i>Phyllodoce</i> .<br>Synonym: <i>Phyllodoce citrina</i> .<br>Synonym: <i>Phyllodoce groenlandica</i> .<br>Synonym: <i>Phyllodoce lineata</i> .<br>Synonym: <i>Anaitides jeffreysii</i> of McIntosh, 1908. Present in the North Sea, see Parker (1987).   |
| P140 | <i>citrina</i> (Malmgren, 1865)                          |   |
| P141 | <i>groenlandica</i> (Oersted, 1842)                      |   |
| P142 | <i>lineata</i> (Claparède, 1870)                         |   |
| P143 | <i>longipes</i> Kinberg, 1866                            |   |



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|------|--|---|
| P144 | <i>maculata</i> (Linnaeus, 1767)               | Synonym: <i>Phyllodoce maculata</i>   |
| P145 | <i>mucosa</i> (Oersted, 1843)                  | Synonym: <i>Phyllodoce mucosa</i> .   |
| P146 | <i>rosea</i> (McIntosh, 1877)                  | Synonym: <i>Anaitis rosea</i> ; <i>A. subulifera</i> Eliason, 1962.   |
| P148 | <i>Chaetoparia</i> Malmgren, 1867              |   |
| P149 | <i>nilssoni</i> Malmgren, 1867                 | Recorded from Swedish Skagerrak & North Sea.  |
| P150 | <i>Eulalia</i> Savigny, 1817                   |   |
| P151 | <i>aurea</i> Gravier, 1896                     |   |
| P152 | <i>bilineata</i> (Johnston, 1839)              |   |
| P153 | <i>expusilla</i> Pleijel, 1987                 | See Pleijel (1987).   |
| P154 | <i>microoculata</i> Pleijel, 1987              | See Mackie & Garwood (1995).  |
| P155 | <i>mustela</i> Pleijel, 1987                   | See Pleijel (1987).   |
| P156 | <i>ornata</i> Saint-Joseph, 1888               |   |
| P157 | <i>splendens</i> Saint-Joseph, 1888            | Not a distinct species, now considered to be the same species as <i>Pirakia punctifera</i> .<br>Nomen dubium. |
| P158 | <i>trilineata</i> Saint-Joseph, 1888           |   |
| P159 | <i>tripunctata</i> McIntosh, 1874              |   |
| P160 | <i>venusta</i> Saint-Joseph, 1888              |   |
| P161 | <i>viridis</i> (Linnaeus, 1767)                |   |
| P162 | <i>n. sp.</i>                                  | See Mackie & Garwood (1995).  |
| P163 | <i>Eumida</i> Malmgren, 1865                   | Genus reviewed by Eiby-Jacobsen (1991).   |
| P164 | <i>bahusiensis</i> Bergstrom, 1914             |   |
| P165 | <i>ockelmanni</i> Eiby-Jacobsen, 1987          | See Eiby-Jacobsen (1987).   |
| P166 | <i>parva</i> (Saint-Joseph, 1888)              | Synonym: <i>Eulalia (Eumida) parva</i> . Nomen dubium.  |
| P167 | <i>sanguinea</i> (Oersted, 1843)               | Synonym: <i>Eulalia (Eumida) sanguinea</i> .  |
| P168 | <i>Nereiphylla</i> de Blainville, 1828         | Synonym: <i>Genetyllis</i> Malmgren, 1865.  |
| P169 | <i>lutea</i> (Malmgren, 1865)                  |   |
| P170 | <i>paretti</i> de Blainville, 1828             | Synonym: <i>Phyllodoce paretii</i> .  |
| P171 | <i>rubiginosa</i> (Saint-Joseph, 1888)         | Synonyms: <i>Genetyllis rubiginosa</i> ; <i>Phyllodoce rubiginosa</i> .                                       |
| P172 | <i>Notophyllum</i> Oersted, 1843               |   |
| P173 | <i>cf. americanum</i> Verrill, 1885            |   |
| P174 | <i>foliosum</i> (M Sars, 1835)                 | See Pleijel (1993a).  |
| P175 | <i>Paranaitis</i> Southern, 1914               |   |
| P176 | <i>kosteriensis</i> (Malmgren, 1867)           | Synonym: <i>Phyllodoce kosterensis</i> .  |
| P177 | <i>wahlbergi</i> (Malmgren, 1865)              | Present on the west coast of Scotland.  |
| P178 | <i>Phyllodoce</i> Lamarck, 1818                | See Pleijel (1991b).  |
| P179 | <i>lamelligera</i> Johnston, 1865              | This, <i>P. macrophthalma</i> and <i>P. macropapillosa</i> are probably synonyms of other species.            |
| P180 | <i>laminosa</i> Lamarck, 1818                  |   |
| P181 | <i>macropapillosa</i> Saint-Joseph, 1895       | See above.  |
| P182 | <i>macrophthalma</i> Schmarda, 1861            | See above.  |
| P183 | <i>Pirakia</i> Bergstrom, 1914                 |   |
| P184 | <i>fuscens</i> (Saint-Joseph, 1888)            | Synonym: <i>Eulalia fuscens</i> in Hartman (1959). Nomen dubium according to Pleijel (1993b).                 |
| P185 | <i>punctifera</i> (Grube, 1860)                | Synonym: <i>Eulalia splendens</i>   |
| P186 | <i>Pterocirrus</i> Claparède, 1868             |   |
| P187 | <i>limbata</i> Claparède, 1868                 | Nomen dubium?   |
| P188 | <i>macroceros</i> (Grube, 1860)                | Nomen dubium?   |
| P189 | <i>microcephala</i> Claparède, 1870            | See Pleijel (1990).   |
| P190 | <i>Sige</i> Malmgren, 1865                     | Synonym: <i>Eulalia (Pterocirrus) macroceros</i> of Fauvel in part.   |
| P191 | <i>fusigera</i> Malmgren, 1865                 |   |
| P192 | <i>oliveri</i> Pleijel, 1990                   |   |
| P193 | Lacydoniidae                                   |   |
| P194 | <i>Lacydonia</i> Marion & Bobretzky, 1875      |   |
| P195 | <i>miranda</i> Marion & Bobretzky, 1875        | sensu Eliason (1962).   |
| P196 | Alciopidae                                     |   |
| P197 | <i>Alciopa</i> Audouin & Milne-Edwards, 1833   |   |
| P198 | <i>reynaudii</i> Audouin & Milne-Edwards, 1833 | Synonym: <i>Greefia celox</i> (Greeff, 1876) of Fauvel.   |
| P199 | <i>Alciopina</i> Claparède & Panceri, 1867     |   |
| P200 | <i>albomaculata</i> Levinsen, 1885             | Synonym: <i>Corynocephalus albomaculatus</i> .  |
| P201 | <i>Krohnia</i> Quatrefages, 1865               |   |
| P202 | <i>lepidota</i> (Krohn, 1845)                  | Synonym: <i>Callizonella lepidota</i> .   |
| P203 | <i>Naiades</i> Chiaje, 1830                    |   |
| P204 | <i>cantrainii</i> (Chiaje, 1828)               | Synonym: <i>Alciopa cantrainii</i> .  |
| P205 | <i>Rhynchonereella</i> Costa, 1864             | Note spelling.  |
| P206 | <i>angelini</i> (Kinberg, 1866)                | Synonym: <i>Callizona angelini</i> (Kinberg, 1866).   |
| P207 | <i>fulgens</i> Greeff, 1885                    |   |
| P208 | <i>moebii</i> (Apstein, 1893)                  | Synonym: <i>Callizona moebii</i> .  |
| P209 | <i>nasuta</i> (Greeff, 1876)                   | Synonym: <i>Callizona nasuta</i> .  |
| P210 | <i>setosa</i> (Greeff, 1885)                   | Synonym: <i>Callizona setosa</i> .  |
| P211 | <i>Torrea</i> Quatrefages, 1850                |   |
| P212 | <i>candida</i> (Chiaje, 1841)                  | Synonym: <i>Asterope candida</i> .  |
| P213 | <i>Vanadis</i> Claparède, 1870                 |   |
| P214 | <i>formosa</i> Claparède, 1870                 |   |
| P215 | <i>longissima</i> (Levinsen, 1885)             |   |
| P216 | Lopadorrhynchidae                              | Lopadorrhynchinae of Fauvel.  |
| P217 | <i>Lopadorrhynchus</i> Grube, 1855             | <i>Lopadorrhynchus</i> of Fauvel.   |
| P218 | <i>appendiculatus</i> Southern, 1909           |   |
| P219 | <i>nationalis</i> Reibisch, 1895               |   |
| P220 | <i>Maupasia</i> Viguiier, 1886                 |   |
| P221 | <i>caeca</i> Viguiier, 1886                    |   |
| P222 | <i>isochaeta</i> (Reibisch, 1895)              |   |
| P223 | <i>magna</i> (Southern, 1909)                  |   |
| P224 | <i>Pedinosoma</i> Reibisch, 1895               |   |
| P225 | <i>curtum</i> Reibisch, 1895                   |   |
| P226 | <i>Pelagobia</i> Greeff, 1879                  |   |
| P227 | <i>longicirrata</i> Greeff, 1879               |   |
| P228 | <i>serrata</i> Southern, 1909                  |   |
| P229 | Pontodoridae                                   | Not yet recorded from the area.   |
| P230 | ISOPILOIDEA                                    |   |
| P231 | Isopilidae                                     | Not yet recorded from the area.   |
| P232 | TYPHLOSCOLECOIDEA                              |   |

- P233 Typhloscolecidae  
P234 *Sagitella* N Wagner, 1872  
P235 *kowalevskii* N Wagner, 1872  
P236 *Travisioopsis* Levinsen, 1885  
P237 *lanceolata* Southern, 1910  
P238 *levinseni* Southern, 1910  
P239 *Typhloscolex* Busch, 1851  
P240 *muelleri* Busch, 1851  
P241 Tomopteridae  
P242 *Enapteris* Rosa, 1908  
P243 *euchaeta* (Chun, 1887)  
P244 *Tomopteris* Eschscholtz, 1825  
P245 *apsteini* Rosa, 1908  
P246 *cavallii* Rosa, 1907  
P247 *elegans* Chun, 1888  
P248 *helgolandica* Greeff, 1879  
P249 *ligulata* Rosa, 1908  
P250 *nisseni* Rosa, 1908  
P251 *planktonis* Apstein, 1908  
P252 *septentrionalis* Quatrefages, 1865  
P253 GLYCEROIDEA  
P254 Glyceridae  
Recent revision of the N. Atlantic and Mediterranean Glyceridae in O'Connor (1987).  
P255 *Glyceria* Savigny, 1818  
P256 *alba* (O F Müller, 1776)  
P257 *celtica* O'Connor, 1987  
P258 *dayi* O'Connor, 1987  
P259 *gigantea* Quatrefages, 1866  
P260 *lapidum* Quatrefages, 1866  
A species complex. Includes *Glyceria capitata* Oersted sensu Fauvel (1923) and Hartmann-Schröder (1971). Non *G. capitata* Oersted s.str. which is probably not a British species, restricted to Greenland, Iceland and Norway.  
P261 *mimica* Hartman, 1965  
P262 *oxycephala* Ehlers, 1887  
P263 *rouxii* Audouin & Milne-Edwards, 1833  
P264 *tesselata* Grube, 1863  
P265 *tridactyla* Schmarda, 1861  
P266 Goniadidae  
P267 *Glycinde* F Müller, 1858  
P268 *nordmanni* (Malmgren, 1866)  
P269 *Goniada* Audouin & Milne-Edwards, 1834  
P270 *emerita* Audouin & Milne-Edwards, 1834  
P271 *maculata* Oersted, 1843  
P272 *norvegica* Oersted, 1844  
P273 *pallida* Arwidsson, 1898  
P274 *Goniadella* Hartman, 1950  
P275 *bobretzkii* (Annenkova, 1929)  
P276 *?gracilis* (Verrill, 1873)  
Recorded from Liverpool Bay by Walker (1972) and from Ireland by Parker & Leaky.  
P277 SPHAERODOROIDEA  
P278 Sphaerodoridae  
P279 *Commensodorum* Fauchald, 1971  
P280 *commensalis* (Lützen, 1961)  
P281 *Ephesiella* Chamberlin, 1919  
P282 *abyssorum* (Hansen, 1878)  
Revised by Fauchald (1974).  
Synonym: *Sphaerodoridium commensalis* sensu Hartman & Fauchald (1971).  
Synonyms: *Sphaerodorium peripatus* Claparède, 1863; *Ephesia peripatus*, but synonymy needs reassessment (ASYM).  
P283 *Sphaerodoridium* Lützen, 1961  
P284 *claparedii* (Greeff, 1866)  
P285 *Sphaerodoropsis* Hartman & Fauchald, 1971  
P286 *balticum* (Reimers, 1933)  
P287 *distichum* Eliason, 1962  
P288 *minuta* (Webster & Benedict, 1887)  
P289 *philippi* (Fauvel, 1911)  
P290 *Sphaerodorium* Oersted, 1843  
P291 *gracilis* (Rathke, 1843)  
Synonym: *Sphaerodoridium balticum*.  
Synonym: *Sphaerodoridium minutum*.  
Synonym: *Sphaerodoridium philippi*.  
Synonyms: *Ephesia gracilis*; *Sphaerodorium flavum* of Hartmann-Schröder (1971).  
P292 NEREIDOIDEA  
P293 Hesionidae  
P294 Hesioninae  
P295 *Dalhousiella* McIntosh, 1908  
P296 *carpenteri* McIntosh, 1908  
P297 *Gyptis* Marion & Bobretzky, 1875  
P298 *arenicola* (La Greca, 1946)  
P299 *brevipalpa* (Hartmann-Schröder, 1959)  
See Gibbs & Probert (1973).  
River Dart Survey, 1987 (NCC). Species from El Salvador, record very doubtful (ASYM).  
See Pleijel (1993b).  
See Pleijel (1993b).  
See O'Connor & Shin (1983).  
P300 *propinqua* Marion & Bobretzky, 1875  
P301 *rosea* (Malm, 1874)  
P302 *Hesiospina* Imajima & Hartman, 1964  
P303 *similis* (Hessle, 1925)  
P304 *Kefersteinia* Quatrefages, 1865  
P305 *cirrata* (Keferstein, 1862)  
Has consistently been confused with *Hesiospina similis* so old records should be treated with caution. See O'Connor & Shin (1983).  
May be a different species (BO'C).  
See Mackie & Garwood (1995).  
P306 *cirrata* var. *hibernica* Southern, 1914  
P307 sp.  
P308 *Leocrates* Kinberg, 1866  
P309 *atlanticus* McIntosh, 1908  
P310 *Nereimyra* de Blainville, 1828  
P311 *punctata* (O F Müller, 1788)  
P312 *Ophiiodromus* Sars, 1861  
Synonym: *Castalia punctata*.

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|------|--|---|
| P313 | <i>flexuosus</i> (Chiaje, 1827)                  |   |
| P314 | <i>Periboea</i> Ehlers, 1864                     |   |
| P315 | <i>longocirrata</i> Ehlers, 1864                 |   |
| P316 | <i>Podarke</i> Ehlers, 1864                      |   |
| P317 | <i>pallida</i> (Claparède, 1864)                 |   |
| P318 | <i>Podarkeopsis</i> Laubier, 1961                |   |
| P319 | <i>capensis</i> (Day, 1963)                      | See Hilbig & Dittmer (1979). Status under investigation (Pleijel & Mackie). Synonyms: <i>Gyptis capensis</i> ; <i>Gyptis helgolandica</i> Hilbig & Dittmer, 1979? |
| P320 | <i>Syllidia</i> Quatrefages, 1866                |   |
| P321 | <i>armata</i> Quatrefages, 1866                  | Synonym: <i>Magalia perarmata</i> Marion & Bobretzky.   |
| P322 | Microphthalminae                                 |   |
| P323 | <i>Hesionides</i> Friedrich, 1937                |   |
| P324 | <i>arenaria</i> Friedrich, 1937                  |   |
| P325 | <i>maxima</i> Westheide, 1967                    |   |
| P326 | <i>Microphthalmus</i> Mecznicow, 1865            |   |
| P327 | <i>aberrans</i> (Webster & Benedict, 1887)       | See Clausen (1986).   |
| P328 | <i>bifurcatus</i> Hartmann-Schröder, 1974        | Occurs on west coast of Scotland.   |
| P329 | <i>ephippiophorus</i> Clausen, 1986              | Not yet recorded from the area.   |
| P330 | <i>fragilis</i> Bobretzky, 1870                  |   |
| P331 | <i>listensis</i> Westheide, 1967                 |   |
| P332 | <i>sczelkowi</i> Mecznicow, 1865                 | non <i>M. sczelkowi</i> of Fauvel (1923) which is <i>M. southerni</i> . See Clausen (1986).   |
| P333 | <i>similis</i> Bobretzky, 1870                   |   |
| P334 | <i>southerni</i> Westheide, 1967                 | Synonym: <i>M. sczelkowi</i> of Fauvel (see above). See Clausen (1986).   |
| P335 | Helmetophoridae                                  | See Hartman (1978). Not yet recorded from the area.   |
| P336 | Pilargidae                                       | Licher & Westheide (1994) do not recognise this as a separate family from Hesionidae. Synonym: Antonbruuniidae (see Glasby, 1993).                                |
| P337 | <i>Ancistrosyllis</i> McIntosh, 1879             |   |
| P338 | <i>groenlandica</i> McIntosh, 1879               | Recorded from the west coast of Scotland.   |
| P339 | <i>Glyphohesion</i> Friedrich, 1950              |   |
| P340 | <i>klatti</i> Friedrich, 1950                    | Synonym: <i>Synelmis klatti</i> of most authors. See Licher (1994).   |
| P341 | <i>Litocorsa</i> Pearson, 1970                   |   |
| P342 | <i>stremma</i> Pearson, 1970                     |   |
| P343 | <i>Pilargis</i> Saint-Joseph, 1899               | Recorded from the west coast of Scotland.   |
| P344 | <i>verrucosa</i> Saint-Joseph, 1899              |   |
| P345 | Nautiliniellidae                                 | See Miura & Laubier (1990). Synonym: Nautilinidae. Not yet recorded from the area.  |
| P346 | Syllidae   | Synonyms: Calamyzidae, Levidoridae; see Glasby (1993).  |
| P347 | Syllinae   |   |
| P348 | <i>Ehlersia</i> Quatrefages, 1866                | <i>Langerhansia</i> Czerniavsky, 1881.  |
| P349 | <i>cornuta</i> (Rathke, 1843)                    | Synonym: <i>Syllis (Ehlersia) cornuta</i> .   |
| P350 | <i>ferrugina</i> (Langerhans, 1881)              |   |
| P351 | <i>garciai</i> Campoy, 1981                      | ASYM: See Rostron (1994).   |
| P352 | <i>nepiotoca</i> Caullery & Mesnil, 1916         |   |
| P353 | <i>sp.</i>                                       | See Mackie & Garwood (1995).  |
| P354 | <i>Eurysyllis</i> Ehlers, 1864                   |   |
| P355 | <i>tuberculata</i> Ehlers, 1864                  |   |
| P356 | <i>Haplosyllis</i> Langerhans, 1879              |   |
| P357 | <i>spongicola</i> (Grube, 1855)                  |   |
| P358 | <i>Syllis</i> Savigny, 1818                      |   |
| P359 | <i>amica</i> Quatrefages, 1866                   |   |
| P360 | <i>gracilis</i> Grube, 1840                      |   |
| P361 | <i>Trypanosyllis</i> Claparède, 1868             |   |
| P362 | <i>coeliaca</i> Claparède, 1868                  |   |
| P363 | <i>zebra</i> (Grube, 1860)                       |   |
| P364 | <i>Typosyllis</i> Langerhans, 1879               | <i>Typosyllis</i> is currently very confused; it is not clear which species are present (ASYM). Synonym: <i>Syllis (Typosyllis) armillaris</i> .                  |
| P365 | <i>armillaris</i> (O F Müller, 1771)             |   |
| P366 | <i>brevipennis</i> (Grube, 1863)                 |   |
| P367 | <i>cucullata</i> (McIntosh, 1908)                |   |
| P368 | <i>hyalina</i> (Grube, 1863)                     | Synonym: <i>Syllis (Typosyllis) hyalina</i> .   |
| P369 | <i>krohnii</i> (Ehlers, 1864)                    |   |
| P370 | <i>prolifera</i> (Krohn, 1852)                   |   |
| P371 | <i>variegata</i> (Grube, 1860)                   |   |
| P372 | <i>vittata</i> (Grube, 1840)                     |   |
| P373 | Eusyllinae                                       |   |
| P374 | <i>Amblyosyllis</i> Grube, 1857                  |   |
| P375 | <i>formosa</i> (Claparède, 1863)                 | Synonym: <i>Pterosyllis formosa</i> .   |
| P376 | <i>Dioplosyllis</i> Gidholm, 1962                |   |
| P377 | <i>cirrosa</i> Gidholm, 1962                     | See Mackie & Garwood (1995).  |
| P378 | <i>Eusyllis</i> Malmgren, 1867                   |   |
| P379 | <i>assimilis</i> Marenzeller, 1875               |   |
| P380 | <i>blomstrandii</i> Malmgren, 1867               |   |
| P381 | <i>intermedia</i> Saint-Joseph, 1886             |   |
| P382 | <i>lamelligera</i> Marion & Bobretzky, 1875      |   |
| P383 | <i>Fauvelia</i> Gravier, 1900                    |   |
| P384 | <i>martinensis</i> Gravier, 1900                 |   |
| P385 | <i>Odontosyllis</i> Claparède, 1863              |   |
| P386 | <i>ctenostoma</i> Claparède, 1868                |   |
| P387 | <i>fulgurans</i> (Audouin & Milne-Edwards, 1833) |   |
| P388 | <i>gibba</i> Claparède, 1863                     |   |
| P389 | <i>polyodonta</i> Saint-Joseph, 1886             |   |
| P390 | <i>Opisthodonta</i> Langerhans, 1879             |   |
| P391 | <i>pterochaeta</i> Southern, 1914                |   |
| P392 | <i>n. sp.</i>                                    | See Mackie & Garwood (1995).  |
| P393 | <i>Palposyllis</i> Hartmann-Schröder, 1977       |   |
| P394 | <i>prosostoma</i> Hartmann-Schröder, 1977        | See Mackie & Garwood (1995).  |

- P395 *Pionosyllis* Malmgren, 1867  
P396 *compacta* Malmgren, 1867  
P397 *divaricata* (Keferstein, 1862)  
P398 *lamelligera* Saint-Joseph, 1886  
P399 *longocirrata* Saint-Joseph, 1886  
P400 *pulligera* (Krohn, 1852)  
P401 *serrata* Southern, 1914  
P402 *Streptosyllis* Webster & Benedict, 1884  
P403 *bidentata* Southern, 1914  
P404 *varians* Webster & Benedict, 1884  
P405 *websteri* Southern, 1914  
P406 *Syllides* Oersted, 1845  
P407 *benedicti* Banse, 1971  
P408 *longocirrata* Oersted, 1845  
P409 *spp.*  
P410 Exogoninae  
P411 *Brania* Quatrefages, 1865  
P412 *clavata* (Claparède, 1863)  
P413 *limbata* (Claparède, 1868)  
P414 *pusilla* (Dujardin, 1851)  
P415 *swedmarki* Gidholm, 1962  
P416 *Calamyzas* Arwidsson, 1932  
P417 *amphictenicola* Arwidsson, 1932  
P418 *Exogone* Oersted, 1845  
P419 *dispar* (Webster, 1879)  
P420 *furcifera* Eliason, 1962  
P421 *hebes* (Webster & Benedict, 1884)  
P422 *naidina* Oersted, 1845  
P423 *verugera* (Claparède, 1868)  
P424 *Sphaerosyllis* Claparède, 1863  
P425 *bulbosa* Southern, 1914  
P426 *erinaceus* Claparède, 1863  
P427 *hystrix* Claparède, 1863  
P428 *ovigera* Langerhans, 1879  
P429 *pirifera* Claparède, 1868  
P430 *taylori* Perkins, 1980  
P431 *tetralix* Eliason, 1920  
P432 *n. sp.*  
P433 Autolytinae  
P434 *Autolytus* Grube, 1850  
P435 *alexandri* Malmgren, 1867  
P436 *aurantiacus* (Claparède, 1868)  
P437 *brachycephalus* (Marenzeller, 1874)  
P438 *edwarsi* Saint-Joseph, 1886  
P439 *inermis* Saint-Joseph, 1886  
P440 *langerhansi* Gidholm, 1967  
P441 *longeferiens* Saint-Joseph, 1886  
P442 *megodon* Saint-Joseph, 1886  
P443 *paradoxus* Saint-Joseph, 1886  
P444 *prolifera* (O F Müller, 1788)  
P445 *quinquedecimdentatus* Langerhans, 1884  
P446 *rubrolineatus* Gidholm, 1967  
P447 *rubropunctatus* (Grube, 1860)  
P448 *smittiae* Malaquin, 1883  
P449 *Myrianida* Milne-Edwards, 1845  
P450 *pinnigera* (Montagu, 1808)  
P451 *Proceraea* Ehlers, 1864  
P452 *cornuta* (Agassiz, 1862)  
P453 *picta* Ehlers, 1864  
P454 *prismatica* (Fabricius, 1780)  
P455 *Procerastea* Langerhans, 1884  
P456 *halleziana* Malaquin, 1893  
P457 *nematodes* Langerhans, 1884  
P458 Nereididae  
P459 *Ceratocephale* Malmgren, 1867  
P460 *loveni* Malmgren, 1867  
P461 *Hediste* Malmgren, 1867  
P462 *diversicolor* (O F Müller, 1776)  
P463 *Lycastis* Savigny, 1818  
P464 *brevicornis* Audouin & Milne-Edwards, 1833  
P465 *Micronereis* Claparède, 1863  
P466 *variegata* Claparède, 1863  
P467 *Neanthes* Kinberg, 1866  
P468 *cf. flavipes* Ehlers, 1868  
P469 *fucata* (Savigny, 1820)  
P470 *irrorata* (Malmgren, 1867)  
P471 *succinea* (Frey & Leuckart, 1847)  
P472 *virens* (M Sars, 1835)  
P473 *Nereis* Linnaeus, 1758  
P474 *elitoral* Eliason, 1962  
P475 *longissima* Johnston, 1840  
P476 *pelagica* Linnaeus, 1758  
P477 *rava* Ehlers, 1868

emend. Southern (1914).

Recorded from North Sea and Skagerrak.

Appear to be other species present in the area (PRG).

Synonym: *Grubea clavata*.Synonym: *Grubea limbata*.Synonym: *Grubea pusilla*.Present in Irish Sea (PRG); see Mackie *et al.* (1995).Synonym: *Exogone gemmifera* (Pagenstecher, 1862) of Fauvel.

Several species seem to be confused under this name.

See Mackie *et al.* (1995).

See Mackie &amp; Garwood (1995).

See Gidholm (1967) for a revision of Autolytinae.

*Autolytus* is very confused. Some of these names may be synonyms of other species.Synonym: *Proceraea aurantiaca*.Synonym: *Autolytus punctatus* of Fauvel. *A.**brachycephalus*, *edwarsi* and *prolifer* appear to form a breeding complex off the Norfolk coast. See Hamond (1969).See *A. brachycephalus*.Synonym: *Autolytus (Autolytides) inermis*.Synonym: *Autolytus brachycephala* of Fauvel.Synonyms: *Autolytus prolifer* and *Autolytus ehbiensis* of Fauvel. See *A. brachycephala*.Synonym: *Autolytus lugens* of Fauvel.

Not yet recorded from the area.

Synonym: *Autolytus cornutus*.Synonym: *Autolytus pictus*.Synonym: *P. perrieri* (Gravier, 1900).

Synonym: Nereidae. See Chambers &amp; Garwood (1992).

Regarded as a synonym of *Nereis* by Chambers & Garwood (1992).Synonym: *Nereis diversicolor*.Regarded as a synonym of *Nereis* by Chambers & Garwood (1992).See Mackie *et al.* (1995).Synonym: *Nereis fucata*.Synonym: *Nereis irrorata*.Synonym: *Nereis virens*.

|      |                        |                                 |  |
|------|------------------------|---------------------------------|--|
| P478 | <i>zonata</i>          | Malmgren, 1867                  |  |
| P479 | <i>Perinereis</i>      | Kinberg, 1866                   |  |
| P480 | <i>cultrifera</i>      | (Grube, 1840)                   |  |
| P481 | <i>marionii</i>        | (Audouin & Milne-Edwards, 1833) |  |
| P482 | <i>Platynereis</i>     | Kinberg, 1866                   |  |
| P483 | <i>coccinea</i>        | (Chiaje, 1827)                  |  |
| P484 | <i>dumerilii</i>       | (Audouin & Milne-Edwards, 1833) |  |
| P485 | <i>massiliensis</i>    | (Moquin-Tandon, 1869)           | Present in area.   |
| P486 | <i>Websterinereis</i>  | Pettibone, 1971                 | Synonym: <i>Laeonereis</i> .   |
| P487 | <i>glauca</i>          | (Claparède, 1870)               | Synonym: <i>Leptonereis glauca</i> .   |
| P488 | Ichthyotomidae         |                                 | See Fauvel (1923), Pettibone (1982). Not yet recorded from the area.   |
| P489 | <b>NEPHTYOIDEA</b>     |                                 |  |
| P490 | Nephtyidae             |                                 |  |
| P491 | <i>Aglaophamus</i>     | Kinberg, 1866                   |  |
| P492 | <i>malmgreni</i>       | (Theel, 1879)                   | Synonym: <i>Nephtys malmgreni</i> of Fauvel.   |
| P493 | <i>rubella</i>         | (Michaelsen, 1897)              | <i>Nephtys rubella</i> of Fauvel.  |
| P494 | <i>Nephtys</i>         | Cuvier, 1817                    | <i>Nephtys</i> in Fauvel. See Rainer (1984).   |
| P495 | <i>assimilis</i>       | Oersted, 1843                   | See Rainer (1989).   |
| P496 | <i>caeca</i>           | (Fabricius, 1780)               |  |
| P497 | <i>ciliata</i>         | (O F Müller, 1776)              |  |
| P498 | <i>cirrosa</i>         | Ehlers, 1868                    |  |
| P499 | <i>hombergii</i>       | Savigny, 1818                   | Possibly several species confused under this name (PRG).   |
| P500 | <i>hystricis</i>       | McIntosh, 1900                  | See Rainer (1990).   |
| P501 | <i>incisa</i>          | Malmgren, 1865                  | See Rainer (1990).   |
| P502 | <i>kersivalensis</i>   | McIntosh, 1908                  | Previously a variety of <i>N. hombergii</i> , now considered to be a valid species. See Rainer (1989).           |
| P503 | <i>longosetosa</i>     | Oersted, 1843                   |  |
| P504 | <i>paradoxa</i>        | Malm, 1874                      |  |
| P505 | <i>pente</i>           | Rainer, 1984                    |  |
| P506 | <i>pulchra</i>         | Rainer, 1991                    |  |
| P507 | <i>n. sp.</i>          |                                 | See Mackie & Garwood (1995).   |
| P508 | Paralacydoniidae       |                                 |  |
| P509 | <i>Paralacydonia</i>   | Fauvel, 1913                    |  |
| P510 | <i>paradoxa</i>        | Fauvel, 1913                    | Not yet recorded from the area.  |
| P511 | <b>AMPHINOMIDA</b>     |                                 |  |
| P512 | Amphinomidae           |                                 |  |
| P513 | <i>Hermodice</i>       | Kinberg, 1857                   |  |
| P514 | <i>carunculata</i>     | (Pallas, 1766)                  |  |
| P515 | <i>Hipponoa</i>        | Audouin & Milne-Edwards, 1830   |  |
| P516 | <i>gaudichaudi</i>     | Audouin & Milne-Edwards, 1830   | See O'Connor (1984).   |
| P517 | <i>Paramphinome</i>    | G O Sars, 1872                  |  |
| P518 | <i>jeffreysii</i>      | (McIntosh, 1868)                | Synonym: <i>P. pulchella</i> G O Sars, 1872.   |
| P519 | <i>Pareurythoe</i>     | Gustafson, 1930                 |  |
| P520 | <i>borealis</i>        | (M Sars, 1862)                  | Needs re-investigation (ASYM); species in Fauvel (1923) may be different.  |
| P521 | <i>Pseudeurythoe</i>   | Fauvel, 1932                    |  |
| P522 | <i>hemuli</i>          | Fauchald, 1972                  | Not yet recorded from the area.  |
| P523 | Euphrosinidae          |                                 |  |
| P524 | <i>Euphrosine</i>      | Savigny, 1818                   |  |
| P525 | <i>armadillo</i>       | M Sars, 1851                    |  |
| P526 | <i>borealis</i>        | Oersted, 1843                   |  |
| P527 | <i>cirrata</i>         | M Sars, 1862                    | Not yet recorded from the area.  |
| P528 | <i>foliosa</i>         | Audouin & Milne-Edwards, 1833   |  |
| P529 | <b>SPINTHERIDA</b>     |                                 |  |
| P530 | Spintheridae           |                                 |  |
| P531 | <i>Spinther</i>        | Johnston, 1845                  |  |
| P532 | <i>arcticus</i>        | (M Sars, 1851)                  |  |
| P533 | <i>citrinus</i>        | (Stimpson, 1854)                |  |
| P534 | <i>oniscoides</i>      | Johnston, 1845                  |  |
| P535 | <i>wireni</i>          | Hartman, 1948                   |  |
| P536 | <b>EUNICIDA</b>        |                                 |  |
| P537 | Onuphidae              |                                 |  |
| P538 | <i>Aponuphis</i>       | Kucheruk, 1978                  |  |
| P539 | <i>bilineata</i>       | (Baird, 1870)                   |  |
| P540 | <i>Hyalinoecia</i>     | Malmgren, 1867                  |  |
| P541 | <i>robusta</i>         | Southward, 1977                 | See Winsnes (1985).  |
| P542 | <i>tubicola</i>        | (O F Müller, 1776)              |  |
| P543 | <i>Nothria</i>         | Malmgren, 1866                  | See Fauchald (1982).   |
| P544 | <i>britannica</i>      | (McIntosh, 1903)                | Considered a synonym of <i>O. conchylega</i> by Fauvel but valid by Fauchald (1982).                             |
| P545 | <i>conchylega</i>      | (G O Sars, 1835)                | Probably at least three species confused in <i>conchylega/britannica</i> group (ASYM).                           |
| P546 | <i>Onuphis</i>         | Audouin & Milne-Edwards, 1833   | See Fauchald (1982).   |
| P547 | <i>eremita</i>         | Audouin & Milne-Edwards, 1833   | Not yet recorded from the area.  |
| P548 | <i>Paradiopatra</i>    | Ehlers, 1887                    | Synonym: <i>Sarsonuphis</i> Fauchald, 1982. See Paxton (1986).   |
| P549 | <i>fiordica</i>        | (Fauchald, 1974)                | Synonym: <i>Onuphis (Nothria) fiordica</i> of George & Hartmann-Schröder (1985). Not yet recorded from the area. |
| P550 | <i>quadricuspis</i>    | (G O Sars, 1872)                | Synonym: <i>Onuphis (Onuphis) quadricuspis</i> of George & Hartmann-Schröder (1985).                             |
| P551 | <i>Rhampobranchium</i> | Ehlers, 1887                    |  |
| P552 | <i>brevibrachiatum</i> | (Ehlers, 1875)                  |  |
| P553 | Eunicidae              |                                 |  |
| P554 | <i>Eunice</i>          | Cuvier, 1817                    |  |
| P555 | <i>dubitatus</i>       | Fauchald, 1974                  | Not yet recorded from the area.  |
| P556 | <i>harassii</i>        | Audouin & Milne-Edwards, 1833   |  |
| P557 | <i>norvegica</i>       | (Linnaeus, 1767)                |  |
| P558 | <i>pennata</i>         | (O F Müller, 1776)              |  |
| P559 | <i>torquata</i>        | Quatrefages, 1865               |  |
| P560 | <i>vittata</i>         | (Chiaje, 1828)                  |  |
| P561 | <i>Lysidice</i>        | Savigny, 1818                   |  |

- P562 *ninetta* Audouin & Milne-Edwards, 1833  
P563 *Marphysa* Quatrefages, 1865  
P564 *bellii* (Audouin & Milne-Edwards, 1833)  
P565 *fallax* Marion & Bobretzky, 1875  
P566 *sanguinea* (Montagu, 1813)  
P567 *Nematonereis* Schmarda, 1861  
P568 *unicornis* (Grube, 1840)  
P569 Lumbrineridae  
P570 *Lumbrineriopsis* Orensanz, 1973  
P571 *paradoxa* (Saint-Joseph, 1888)  
P572 *Lumbrineris* de Blainville, 1828
- There have recently been major revisions of the Lumbrinerid genera. See Orensanz (1990) and Frame (1992). Many of the species listed under *Lumbrineris* have been assigned to new or resurrected genera. Until the new schemes are further evaluated, no changes are made here.  
See Mackie *et al.* (1995).  
Not yet recorded from the area.
- P573 *agastos* Fauchald, 1974  
P574 *aniara* Fauchald, 1974  
P575 *cluthensis* (Clark, 1953)  
P576 *coccinea* (Renier, 1804)  
P577 *fragilis* (O F Müller, 1776)  
P578 *funchalensis* (Kinberg, 1865)  
P579 *gracilis* (Ehlers, 1868)  
P580 *hibernica* (McIntosh, 1903)
- Possible confusion with *Lumbrineris magnidentata*.  
sensu McIntosh, 1910.  
Valid species, see Parapar *et al.* (1994). Synonyms: *L. scopa* Fauchald, 1974; *L. scopa aequilobata* Winsnes, 1981.
- P581 *labrofimbriata* (Saint-Joseph, 1888)  
P582 *latreilli* Audouin & Milne-Edwards, 1833  
P583 *magnidentata* Winsnes, 1981  
P584 *tetraura* (Schmarda, 1861)
- Criteria not clear for accurate identification.  
Specimens from type locality (Chile) need reexamining before this name is accepted. Synonym: *L. impatiens* Claparède, 1868.  
See Imajima (1977).  
Synonym: Arabellidae (see Orensanz, 1990).
- P585 Hartmaniellidae  
P586 Oeononidae  
P587 *Arabella* Grube, 1850  
P588 *iricolor* (Montagu, 1804)  
P589 *Drilonereis* Claparède, 1870  
P590 *brattstroemi* Fauchald, 1972
- Not yet recorded from the area, but similar species present in Irish Sea (J. Coppock).
- P591 *filum* (Claparède, 1868)  
P592 *Haematocleptes* Wirén, 1886  
P593 *terebellidis* Wirén, 1886
- Present in Irish Sea and off west coast of Scotland. See Mackie & Garwood (1995).
- P594 *Labrostratus* Saint-Joseph, 1888  
P595 *parasiticus* Saint-Joseph, 1888  
P596 *Notocirrus* Schmarda, 1861  
P597 *scoticus* McIntosh, 1869  
P598 Dorvilleidae
- Synonyms: Iphitimidae (see Gaston & Benner, 1981; Eibye-Jacobsen & Kristensen, 1994), Dinophilidae (see Westheide, 1990; Eibye-Jacobsen & Kristensen, 1994).  
See Westheide & von Nordheim (1985).  
Synonym: *Ophryotrocha minuta*.  
See Westheide (1990).  
Now considered a possible synonym of *D. taeniatus*. See Westheide (1990).
- P599 *Arenotrocha* Westheide & von Nordheim, 1985  
P600 *minuta* (Levi, 1954)  
P601 *Dinophilus* Schmidt, 1848  
P602 *gigas* Weldon, 1886
- See Westheide (1990).  
Now considered a possible synonym of *D. taeniatus*. See Westheide (1990).
- P603 *gyrociliatus* Schmidt, 1857  
P604 *taeniatus* Harmer, 1889  
P605 *vorticoides* Schmidt, 1848
- See Westheide (1990). Synonyms: *D. gigas*; *D. vorticoides*.  
Now considered a possible synonym of *D. taeniatus*. See Westheide (1990).
- P606 *Dorvillea* Parfitt, 1866  
P607 *erucaeformis* (Malmgren, 1865)  
P608 *rubrovittata* (Grube, 1855)  
P609 *Iphitime* Marenzeller, 1902  
P610 *cuenoti* Fauvel, 1914  
P611 *hartmanae* Kirkegaard, 1977  
P612 *paguri* Fage & Legendre, 1934  
P613 *Ophryotrocha* Claparède & Meczniakow, 1869
- Not yet recorded from the area.  
Genus reviewed by Hilbig & Blake (1991), but most European species are poorly described.
- P614 *bacci* Parenti, 1961  
P615 *dubia* Hartmann-Schröder, 1974  
P616 *geriachi* Hartmann-Schröder, 1974  
P617 *geryonicola* (Esmark, 1874)  
P618 *gracilis* Huth, 1934  
P619 *hartmanni* Huth, 1933  
P620 *lobifera* Oug, 1978  
P621 *longidentata* Josefson, 1975  
P622 *maculata* Akesson, 1973  
P623 *puerilis siberti* (McIntosh, 1885)  
P624 *socialis* Ockelmann & Akesson, 1990
- Recorded by Hartley (1981, 1984).  
Not yet recorded from the area.  
Not yet recorded from the area. See Ockelmann & Akesson (1990).
- P625 *Ougia* Wolf, 1986  
P626 *macilenta* (Oug, 1978)
- See Wolf (1986a), Oug (1978). Synonym: *Schistomeringos macilenta*.  
See Wolf (1986a), Oug (1978). Synonym: *Schistomeringos subaequalis*.
- P627 *subaequalis* (Oug, 1978)
- P628 *Parapodrilus* Westheide, 1965  
P629 *psammophilus* Westheide, 1965  
P630 *Parophryotrocha* Hartmann-Schröder, 1971  
P631 *isochaeta* (Eliason, 1962)  
P632 *Parougia* Wolf, 1986  
P633 *caeca* (Webster & Benedict, 1884)
- Not yet recorded from the area.  
Synonyms: *Schistomeringos caeca*; *Stauronereis caeca*.  
British records doubtful. See Oug (1978).

|      |   |   |
|------|---|---|
| P634 | <i>eliasoni</i> (Oug, 1978)                         | Synonym: <i>Schistomeringos eliasoni</i> . See Wolf (1986b), Oug (1978).  |
| P635 | <i>nigridentata</i> (Oug, 1978)                     | Not yet recorded from the area. See Wolf (1986b), Oug (1978).   |
| P636 | <i>spp.</i>   | Other species present. See Mackie <i>et al.</i> (1995).   |
| P637 | <i>Protodorvillea</i> Pettibone, 1961               |   |
| P638 | <i>kefersteini</i> (McIntosh, 1869)                 |   |
| P639 | <i>Pusillotrocha</i> Westheide & von Nordheim, 1985 |   |
| P640 | <i>akessoni</i> Westheide & von Nordheim, 1985      | Not yet recorded from the area.   |
| P641 | <i>Schistomeringos</i> Jumars, 1974                 | Considered a subgenus of <i>Dorvillea</i> by Wolf (1986a).  |
| P642 | <i>neglecta</i> (Fauvel, 1923)                      |   |
| P643 | <i>rudolphi</i> (Chiaje, 1828)                      |   |
| P644 | <i>spp.</i>   | Other species present. See Mackie <i>et al.</i> (1995).   |
| P645 | <i>Trilobodrilus</i> Remane, 1925                   | See Westheide (1990).   |
| P646 | <i>axi</i> Westheide, 1967                          |   |
| P647 | <i>heideri</i> Remane, 1925                         |   |
| P648 | Histriobdellidae                                    |   |
| P649 | <i>Histriobdella</i> van Beneden, 1858              |   |
| P650 | <i>homari</i> van Beneden, 1858                     |   |
| P651 | Aberrantidae  | Systematic position unclear, perhaps close to Eunicida. Mackie & Pleijel (in prep.).  |
| P652 | <i>Aberranta</i> Wolf, 1987                         |   |
| P653 | <i>sp.</i>  | Mackie, Pleijel & Rouse (in prep.). Specimens collected from Irish Sea (R. Hensley) and off west Scotland (M. O'Reilly).  |
| P654 | <b>ORBINIIDA</b>                                    |   |
| P655 | Orbiniidae  | Ariciidae.  |
| P656 | <i>Leitoscoloplos</i> Day, 1977                     |   |
| P657 | <i>mammosus</i> Mackie, 1987                        | West coast of Scotland. See Mackie (1987).  |
| P658 | <i>Nainereis</i> de Blainville, 1828                |   |
| P659 | <i>laevigata</i> (Grube, 1855)                      | Probably present in the area.   |
| P660 | <i>quadricuspida</i> (Fabricius, 1780)              | McIntosh records two varieties of this species which require investigation (JPH).   |
| P661 | <i>Orbinia</i> Quatrefages, 1865                    |   |
| P662 | <i>Orbinia</i> ( <i>Orbinia</i> ) Quatrefages, 1865 |   |
| P663 | <i>armandi</i> (McIntosh, 1910)                     | Present in northern North Sea and Irish Sea. See Mackie & Garwood (1995).   |
| P664 | <i>latreillii</i> (Audouin & Milne-Edwards, 1833)   | Synonym: <i>Aricia latreillii</i> .   |
| P665 | <i>sertulata</i> (Savigny, 1820)                    | Synonym: <i>Aricia cuvierii</i> Audouin & Milne Edwards, 1833.  |
| P666 | <i>Orbinia</i> ( <i>Phylo</i> ) Kinberg, 1866       |   |
| P667 | <i>foetida</i> (Claparède, 1868)                    | Synonym: <i>Aricia foetida</i> .  |
| P668 | <i>grubei</i> (McIntosh, 1910)                      | Synonym: <i>Aricia grubei</i> .   |
| P669 | <i>kupfferi</i> (Ehlers, 1874)                      | Synonym: <i>Aricia kupfferi</i> .   |
| P670 | <i>norvegica</i> (G O Sars, 1873)                   | Synonym: <i>Aricia norvegica</i> .  |
| P671 | <i>Scoloplos</i> de Blainville, 1828                |   |
| P672 | <i>armiger</i> (O F Müller, 1776)                   |   |
| P673 | <i>sp.</i>  | Another species in offshore waters (>100m). ASYM.   |
| P674 | Paraonidae  | See Hartley (1981) and O'Connor <i>et al.</i> (1984).   |
| P675 | <i>Aricidea</i> Webster, 1879                       |   |
| P676 | <i>Aricidea</i> ( <i>Aricidea</i> ) Webster, 1879   |   |
| P677 | <i>minuta</i> Southward, 1956                       | See Gibbs (1965).   |
| P678 | <i>wassi</i> Pettibone, 1965                        |   |
| P679 | <i>Aricidea</i> ( <i>Allia</i> ) Strelzov, 1973     |   |
| P680 | <i>albatrossae</i> Pettibone, 1957                  |   |
| P681 | <i>roberti</i> Hartley, 1984                        | Synonym: <i>A. cf. belgicae</i> of Hartley (1981); see Hartley (1984).  |
| P682 | <i>suecica</i> Eliason, 1920                        | Synonym: <i>A. jeffreysii</i> of Hartmann-Schröder (1971) non <i>A. nolani</i> Webster & Benedict, 1887. Many records of this species require reassessment (Hartley, 1981). |
| P683 | <i>Aricidea</i> ( <i>Acmira</i> ) Hartley, 1981     | Synonym: <i>Acesta</i> sensu Strelzov 1973.   |
| P684 | <i>catherinae</i> Laubier, 1967                     | Synonym: <i>A. jeffreysii</i> (McIntosh).   |
| P685 | <i>cerrutii</i> Laubier, 1966                       | Majority of British records of <i>A. jeffreysii</i> probably refer to <i>A. cerrutii</i> (Hartley 1981). Synonym: <i>A. jeffreysii</i> (sensu Fauvel).                      |
| P686 | <i>laubieri</i> Hartley, 1981                       |   |
| P687 | <i>cf. philbinae</i> Brown, 1976                    | See Mackie & Garwood (1995).  |
| P688 | <i>simonae</i> Laubier & Ramos, 1974                |   |
| P689 | <i>Cirrophorus</i> Ehlers, 1908                     |   |
| P690 | <i>branchiatus</i> Ehlers, 1908                     |   |
| P691 | <i>furcatus</i> (Hartman, 1957)                     |   |
| P692 | <i>Levinsenia</i> Mesnil, 1897                      | Synonym: <i>Tauberia</i> Strelzov, 1973.  |
| P693 | <i>gracilis</i> (Tauber, 1879)                      | Several species appear to be confused under this name (ASYM). See Mackie & Garwood (1995).  |
| P694 | <i>sp.</i>  |   |
| P695 | <i>Paradoneis</i> Hartman, 1965                     |   |
| P696 | <i>armata</i> Glemarec, 1966                        | <i>Paraonis lyra</i> of Hartmann-Schröder (1971) probably refers to <i>Paradoneis armata</i> . See Mackie (1991a). See Mackie & Garwood (1995).                             |
| P697 | <i>eliasoni</i> Mackie, 1991                        | Synonym: <i>Paraonis lyra</i> of Fauvel and see above. See Mackie & Garwood (1995).   |
| P698 | <i>cf. ilvana</i> Castelli, 1985                    |   |
| P699 | <i>lyra</i> (Southern, 1914)                        |   |
| P700 | <i>sp.</i>  |   |
| P701 | <i>Paraonides</i> Cerruti, 1909                     |   |
| P702 | <i>n. sp.</i>                                       | In preparation (ASYM).  |
| P703 | <i>Paraonis</i> Grube, 1873                         |   |
| P704 | <i>fulgens</i> (Levinsen, 1884)                     |   |
| P705 | <b>QUESTIDA</b>                                     |   |
| P706 | Questidae   | Present off west Wales. See Mackie <i>et al.</i> (1995).  |
| P707 | <b>SPIONIDA</b>                                     |   |
| P708 | <b>SPIONIOIDEA</b>                                  |   |
| P709 | Apistobanchidae                                     |   |
| P710 | <i>Apistobanchus</i> Levinsen, 1883                 |   |

- P711 *tenuis* Orrhage, 1962  
P712 *tullbergi* (Theel, 1879)  
P713 Trochochaetidae  
P714 *Trochochaeta* Levinsen, 1884  
P715 *multisetosa* (Oersted, 1843)  
P716 Poecilochaetidae  
P717 *Poecilochaetus* Ehlers, 1875  
P718 *serpens* Allen, 1904  
P719 Uncispionidae  
P720 Spionidae  
  
P721 *Aonides* Claparède, 1864  
P722 *oxycephala* (M Sars, 1862)  
P723 *paucibranchiata* Southern, 1914  
P724 *Atherospio* Mackie & Duff, 1986  
P725 *disticha* Mackie & Duff, 1986  
  
P726 *Boccardia* Carazzi, 1895  
P727 *cf. polybranchia* (Haswell, 1885)  
  
P728 *redeki* Horst, 1920  
P729 *Boccardiella* Blake & Kudenov, 1978  
P730 *ligerica* (Ferroniere, 1898)  
P731 *Laonice* Malmgren, 1867  
  
P732 *appellofi* Soderstrom, 1920  
P733 *bahusiensis* Soderstrom, 1920  
P734 *cirrata* (M Sars, 1851)  
P735 *sarsi* Soderstrom, 1920  
P736 *Malacoceros* Quatrefages, 1843  
P737 *fuliginosus* (Claparède, 1868)  
P738 *tetracerus* (Schmarda, 1861)  
P739 *vulgaris* (Johnston, 1827)  
P740 *Marenzelleria* Mesnil, 1896  
  
P741 *viridis* (Verrill, 1873)  
P742 *wireni* Augener, 1913  
  
P743 *Microspio* Mesnil, 1896  
P744 *meczniakowianus* Claparède, 1870  
  
P745 *Minuspio* Foster, 1971  
  
P746 *cf. multibranchiata* (Berkeley, 1927)  
P747 *cirrifera* (Wiren, 1883)  
  
P748 *Polydora* Bosc, 1802  
P749 *armata* Langerhans, 1880  
P750 *caeca* (Oersted, 1843)  
  
P751 *caulleryi* Mesnil, 1897  
P752 *ciliata* (Johnston, 1838)  
P753 *cornuta* Bosc, 1802  
  
P754 *flava* Claparède, 1870  
P755 *giardi* Mesnil, 1896  
P756 *hermaphroditica* Hannerz, 1956  
P757 *hoplura* Claparède, 1870  
P758 *limicola* Annenkova, 1934  
P759 *posthamata* Jones, 1962  
P760 *quadrilobata* Jacobi, 1883  
P761 *saintjosephi* Eliason, 1920  
  
P762 *socialis* (Schmarda, 1861)  
  
P763 *Prionospio* Malmgren, 1867  
P764 *dubia* Maciolek, 1985  
  
P765 *fallax* Soderstrom, 1920  
P766 *banyulensis* Laubier, 1966  
  
P767 *plumosa* (M Sars, 1872)  
P768 *steenstrupi* Malmgren, 1867  
P769 *ehlersi* Fauvel, 1928  
P770 *caspersi* Laubier, 1965  
P771 *Pseudopolydora* Czerniavsky, 1881  
P772 *antennata* (Claparède, 1870)  
P773 *cf. paucibranchiata* (Okuda, 1937)  
P774 *pulchra* (Carazzi, 1895)  
P775 *Pygospio* Claparède, 1863  
P776 *elegans* Claparède, 1863

Synonym: Disomidae.

See Green (1982). Not yet recorded in the area. Phylogeny of family under investigation. (Sigvaldadóttir *et al.*, in press; Mackie, 1996).

See Mackie & Duff (1986). Additional species and new genera are currently under review (Mackie, in prep.). See also Mackie & Garwood (1995), Mackie (1996).

This species is very probably not the same as *Boccardia polybranchia* from Australia (ASYM).

See Orrhage & Sundberg (1990). Blake & Kudenov (1978) consider that this genus needs worldwide revision. Recorded from Norway by Fauchald (1972).

*L. cirrata* may be restricted to arctic regions.

Species identities are very confused (ASYM).  
Synonym: *Scololepis fuliginosa* of Fauvel.  
Synonym: *Scololepis ciliata* of Fauvel.  
Synonym: *Scololepis giardi* of Fauvel.  
There are two species (see Bastrop *et al.*, 1995; Röhner *et al.*, 1996) recorded from northern European waters (North Sea/Baltic area). As recognised immigrant species, these are receiving much taxonomic and ecological attention (e.g. Bick, 1995; Essinck & Kleef, 1993). Workers in German and Dutch laboratories are currently examining the identities of these species using morphological and genetic features. At present, only one species is known from the British Isles (see Atkins *et al.*, 1987 as *M. viridis*).

Recently recorded in the Netherlands (Essink, Polychaete Research Newsletter). PRG/ASYM are investigating status of U.K. material.

Status of *M. atlantica* (Langerhans, 1880) needs reinvestigation (ASYM).  
Blake & Kudenov (1978), Mackie (1984) and Maciolek (1985) consider this a subgenus of *Prionospio*.  
See Mackie (1984, 1996) and Mackie & Garwood (1995).  
May be several species confused under this name. See Mackie (1984, 1996) and Mackie & Garwood (1995).  
See Blake (1971).

Appear to be two species confused under this name (ASYM). See also *P. saintjosephi* below.

See Blake & Maciolek (1987). Synonym: *P. ligni* Webster, 1879.

See Eliason (1920:49). New name for *P. caeca* sensu Saint-Joseph (1894) and Fauvel (1927). Species being redescribed by Radashevsky (pers. comm.).  
Western Atlantic species also recorded from Oslofjord (Ramberg & Schram, 1983). Not yet recorded from the area.

Most records of *P. steenstrupi* appear to be this species. See Sigvaldadóttir & Mackie (1993).  
Synonym: *P. malmgreni* Claparède, 1868 of Fauvel (1927).  
See Sigvaldadóttir (1992). Synonym: *P. ockelmanni* Pleijel, 1985.

See Sigvaldadóttir & Mackie (1993).

Common in North Sea (ASYM).  
Synonym: *Polydora pulchra*.



|      |   |  |
|------|---|--|
| P777 | <i>Scolecopsis</i> de Blainville, 1828                        |  |
| P778 | <i>Scolecopsis</i> ( <i>Scolecopsis</i> ) de Blainville, 1828 |  |
| P779 | <i>bonnieri</i> (Mesnil, 1896)                                | Synonym: <i>Nerine bonnieri</i> .  |
| P780 | <i>cantabra</i> (Rioja, 1918)                                 |  |
| P781 | <i>foliosa</i> (Audouin & Milne-Edwards, 1833)                | Synonym: <i>Nerine foliosa</i> .   |
| P782 | <i>mesnili</i> (Bellan & Lagardere, 1971)                     | Present in the area.   |
| P783 | <i>squamata</i> (Abildgaard, 1806)                            |  |
| P784 | <i>Scolecopsis</i> ( <i>Parascolecopsis</i> ) Maciolek, 1987  | See Maciolek (1987).   |
| P785 | <i>tridentata</i> (Southern, 1914)                            | Synonym: <i>Nerinides tridentata</i> .   |
| P786 | sp.   | See Mackie & Garwood (1995).   |
| P787 | <i>Spio</i> Fabricius, 1785                                   | Status of <i>Spio</i> and <i>Microspio</i> reviewed by Maciolek (1990). Distinctions between several <i>Spio</i> species need clarification (JPH). North European species currently being reviewed by H. Gudmundsson. Common.  |
| P788 | <i>armata</i> Thulin, 1957                                    |  |
| P789 | <i>decorata</i> Bobretzky, 1870                               |  |
| P790 | <i>filicornis</i> (O F Müller, 1766)                          |  |
| P791 | <i>martinensis</i> Mesnil, 1896                               |  |
| P792 | <i>multioculata</i> (Rioja, 1919)                             | See Mackie & Garwood (1995).   |
| P793 | <i>Spiophanes</i> Grube, 1860                                 |  |
| P794 | <i>bombyx</i> (Claparède, 1870)                               |  |
| P795 | cf. <i>wigleyi</i> Pettibone, 1962                            | Status under investigation (ASYM).   |
| P796 | <i>kroyeri</i> Grube, 1860                                    |  |
| P797 | <i>Streblospio</i> Webster, 1879                              |  |
| P798 | <i>dekhuyzeni</i> Horst, 1909                                 | May be <i>S. shrubsolii</i> but possibly a valid species.  |
| P799 | <i>shrubsolii</i> (Buchanan, 1890)                            |  |
| P800 | Longosomatidae  | See Borowski (1995). Not yet recorded from this area. Synonym: Heterospionidae.  |
| P801 | MAGELONOIDEA  |  |
| P802 | Magelonidae   |  |
| P803 | <i>Magelona</i> F Müller, 1858                                |  |
| P804 | <i>alleni</i> Wilson, 1958                                    | Includes <i>Magelona rosea</i> of Southern, from western Ireland. See Eliason (1962).  |
| P805 | <i>filiformis</i> Wilson, 1959                                |  |
| P806 | <i>minuta</i> Eliason, 1962                                   |  |
| P807 | <i>mirabilis</i> (Johnston, 1865)                             | Synonym: <i>Magelona papillicornis</i> sensu McIntosh, 1877, of Fauvel & Hartmann-Schröder (1971) non Müller, 1858. See Jones (1977). Two species present in the British Isles under this name. See Mackie & Garwood (1995). Probably present. Described from Brittany.  |
| P808 | <i>wilsoni</i> Glemarec, 1966                                 |  |
| P809 | CHAETOPTEROIDEA   |  |
| P810 | Chaetopteridae  |  |
| P811 | <i>Chaetopterus</i> Cuvier, 1827                              |  |
| P812 | <i>norvegicus</i> M Sars, 1835                                |  |
| P813 | <i>sarsi</i> Boeck in Sars, 1860                              |  |
| P814 | <i>variopedatus</i> (Renier, 1804)                            |  |
| P815 | <i>Phyllochaetopterus</i> Grube, 1863                         |  |
| P816 | <i>anglicus</i> Potts, 1914                                   |  |
| P817 | <i>socialis</i> Claparède, 1870                               |  |
| P818 | <i>Spiochaetopterus</i> M Sars, 1853                          |  |
| P819 | <i>bergensis</i> Gitay, 1969                                  |  |
| P820 | <i>typicus</i> M Sars, 1856                                   | Not yet recorded from the area.  |
| P821 | CIRRATULOIDEA   |  |
| P822 | Cirratulidae  |  |
| P823 | <i>Aphelochaeta</i> Blake, 1991                               | See Blake (1991) for recent partial revision. Appear to be other species present in the area (PRG).  |
| P824 | <i>marioni</i> (Saint-Joseph, 1894)                           |  |
| P825 | <i>mcintoshi</i> (Southern, 1914)                             |  |
| P826 | <i>multibranchiis</i> (Grube, 1863)                           |  |
| P827 | <i>vivipara</i> (Christie, 1984)                              | Generic status under investigation (ASYM & PRG). See Christie (1984). Synonym: <i>Tharyx vivipara</i> . Genus in need of revision, appearing very heterogeneous. Synonym: <i>Heterocirrus alata</i> . Synonym: <i>Heterocirrus bioculatus</i> . Synonyms: <i>Chaetozone zetlandicus</i> ; <i>Heterocirrus zetlandicus</i> . See Woodham & Chambers (1994).   |
| P828 | <i>Caulleriella</i> Chamberlin, 1919                          |  |
| P829 | <i>alata</i> (Southern, 1914)                                 |  |
| P830 | <i>bioculata</i> (Keferstein, 1862)                           |  |
| P831 | <i>zetlandica</i> (McIntosh, 1911)                            |  |
| P832 | <i>Chaetozone</i> Malmgren, 1867                              |  |
| P833 | <i>gibber</i> Woodham & Chambers, 1994                        | See Woodham & Chambers (1994). There are several species confused under this name in U.K. waters.  |
| P834 | <i>setosa</i> Malmgren, 1867                                  |  |
| P835 | <i>Cirratulus</i> Lamarck, 1801                               |  |
| P836 | <i>cirratus</i> (O F Müller, 1776)                            |  |
| P837 | <i>filiformis</i> Keferstein, 1862                            |  |
| P838 | <i>Cirriformia</i> Hartman, 1936                              |  |
| P839 | <i>tentaculata</i> (Montagu, 1808)                            | Synonym: <i>Audouinia tentaculata</i> .  |
| P840 | <i>Dodecaceria</i> Oersted, 1843                              | Synonym: <i>Zeppelina</i> Vaillant, 1890. See George & Petersen (1991). See Gibson (1978). Synonyms: <i>Zeppelina monostyla</i> (Zeppelin, 1883), <i>Z. mediopigmentata</i> (Gillandt, 1979). See George & Petersen (1991). This species is currently the subject of a proposal to the ICZN to designate a neotype (Gibson & Heppell, 1995). See also Pleijel & Mackie (1995) and Fauchald <i>et al.</i> (1996). |
| P841 | <i>caulleryi</i> Dehorne, 1933                                |  |
| P842 | <i>concharum</i> Oersted, 1843                                |  |
| P843 | <i>Monticellina</i> Laubier, 1961                             |  |
| P844 | <i>dorsobranchialis</i> (Kirkegaard, 1959)                    | See Blake (1991).  |
| P845 | <i>Tharyx</i> Webster & Benedict, 1887                        |  |
| P846 | <i>killariensis</i> (Southern, 1914)                          | Synonyms: <i>Chaetozone killariensis</i> ; <i>Heterocirrus killariensis</i> . A second species of <i>Tharyx</i> occurs in intertidal 'estuarine' areas of South Wales (ASYM & D Rostron). Status under investigation (ASYM).   |
| P847 | sp.   |  |
| P848 | CTENODRILIDA  |  |
| P849 | Ctenodrilidae   |  |

- P850 Ctenodrilinae  
P851 *Ctenodrilus* Claparède, 1863  
P852 *parvulus* Scharff, 1887  
  
P853 *serratus* (Schmidt, 1857)  
P854 Rhabdriolinae  
P855 *Raricirrus* Hartman, 1961  
P856 *berylli* Petersen & George, 1991  
  
P857 **PARERGODRILIDA**  
P858 Paregodrilidae  
P859 *Stygocapitella* Knöllner, 1934  
P860 *subterranea* Knöllner, 1934  
P861 **PSAMMODRILIDA**  
P862 Psammodrilidae  
P863 *Psammodrilus* Swedmark, 1953  
P864 *balanoglossoides* Swedmark, 1953  
P865 *fauveli* Swedmark, 1958  
P866 **COSSURIDA**  
P867 Cossuridae  
P868 *Cossura* Webster & Benedict, 1887  
P869 *longocirrata* Webster & Benedict, 1887  
P870 *soyeri* Laubier, 1963  
P871 *sp.*  
  
P872 **FLABELLIGERIDA**  
P873 Flabelligeridae  
P874 *Brada* Stimpson, 1854  
P875 *inhabilis* (Rathke, 1843)  
P876 *villosa* (Rathke, 1843)  
P877 *Diplocirrus* Haase, 1915  
P878 *glaucus* (Malmgren, 1867)  
P879 *n. sp.*  
  
P880 *Flabelligera* M Sars, 1829  
P881 *affinis* M Sars, 1829  
P882 *Pherusa* Oken, 1805  
P883 *eruca* (Claparède, 1868)  
P884 *flabellata* (M Sars, 1872)  
P885 *plumosa* (O F Müller, 1776)  
P886 Acrocirridae  
P887 *Acrocirrus* Grube, 1872  
P888 *frontifilis* (Grube, 1860)  
P889 *Macrochaeta* Grube, 1850  
P890 *caroli* Westheide, 1981  
  
P891 *clavicornis* (M Sars, 1835)  
P892 *helgolandica* Friedrich, 1937  
P893 *polyonyx* Eliason, 1962  
P894 Fauveliopsidae  
P895 *Fauveliopsis* McIntosh, 1885  
  
P896 **POEOBIIDA**  
P897 Poeobiidae  
P898 **STERNASPIDA**  
P899 Sternaspidae  
P900 *Sternaspis* Otto, 1821  
P901 *scutata* (Renier, 1807)  
P902 **CAPITELLIDA**  
P903 Capitellidae  
P904 *Baldia* Garwood & Bamber, 1988  
P905 *johnstoni* Garwood & Bamber, 1988  
P906 *Capitella* de Blainville, 1828  
  
P907 *capitata* (Fabricius, 1780)  
P908 *hermaphrodita* Boletzky & Dolile, 1967  
P909 *Capitellides* Mesnil, 1897  
P910 *giardi* Mesnil, 1897  
P911 *Capitomastus* Eisig, 1887  
P912 *minimus* (Langerhans, 1880)  
P913 *Dasybranchus* Grube, 1868  
P914 *caducus* (Grube, 1846)  
P915 *gajolae* Eisig, 1887  
P916 *Heteromastus* McIntosh, 1885  
P917 *filiformis* (Claparède, 1864)  
P918 *Mediomastus* Hartman, 1944  
P919 *fragilis* Rasmussen, 1973  
  
P920 *Notomastus* Sars, 1851  
P921 *latericeus* M Sars, 1851  
P922 *profundus* Eisig, 1887  
P923 *spp.*  
  
P924 *Peresiella* Harmelin, 1968  
P925 *clymenoides* Harmelin, 1968  
P926 *Pseudonotomastus* Warren & Parker, 1994  
P927 *southerni* Warren & Parker, 1994  
P928 Arenicolidae  
P929 *Arenicola* Lamarck, 1801  
P930 *defodiens* Cadman & Nelson-Smith, 1993  
P931 *marina* (Linnaeus, 1758)

See Petersen &amp; George (1991).

Recorded from an English aquarium (?Plymouth). Origin unknown. See Fauvel (1923).

See Petersen & George (1991) and Moore (1991). Synonym: *Rhabdriulus ?nemasoma* of previous directory. See Westheide (1990).

See Westheide (1990).

See Kristensen &amp; Nørrevang (1982).

See Fournier &amp; Petersen (1991).

Another species present in UK waters (ASYM) - possibly *C. pygodactyla* Jones, 1956. See Bachelet & Laubier (1994).

Under investigation (ASYM). See Mackie &amp; Garwood (1995).

Synonym: *Stylarioides eruca*.  
Synonym: *Stylarioides flabellata*.  
Synonym: *Stylarioides plumosa*.New name for *Macrochaeta bansei* Hartmann-Schröder, 1974.

Recorded from northern North Sea, but species uncertain (JPH).

Not yet recorded from the area.

Sternaspidae.

Recorded from Portland Harbour by OPRU.

See Garwood &amp; Bamber (1988).

Genus reviewed by Warren (1976). For influence of fixation on morphology, see Mendez &amp; Cardell (1994). Species complex. See Gamenick &amp; Giere (1994).

Synonym: *Capitomastus giardi*.

Recorded from south coasts of Ireland and England.

Genus reviewed by Warren *et al.* (1994). Very common; often misidentified as *Capitomastus minimus*. Redescribed by Warren (1979). See Torres-Gavila *et al.* (1990?).

Several other species present in area (PRG), see Mackie &amp; Garwood (1995).

See Dinneen (1982). Present in North Sea. See Warren &amp; Parker (1994). Found in Celtic Sea, south of Ireland.

See Cadman &amp; Nelson-Smith (1993).

|       |  |  |
|-------|--|--|
| P932  | <i>Arenicolides</i> Mesnil, 1898                   |  |
| P933  | <i>branchialis</i> (Audouin & Milne-Edwards, 1833) | Synonym: <i>Arenicola branchialis</i> .  |
| P934  | <i>ecaudata</i> (Johnston, 1865)                   | Synonym: <i>Arenicola ecaudata</i> .   |
| P935  | <i>grubii</i> Claparède, 1868                      | Synonym: <i>Arenicola grubii</i> .   |
| P936  | <i>Branchiomaldane</i> Langerhans, 1881            | See Fournier & Barrie (1987).  |
| P937  | <i>vincenti</i> Langerhans, 1881                   |  |
| P938  | Maldanidae   |  |
| P939  | Lumbriclymeninae                                   |  |
| P940  | <i>Lumbriclymene</i> M Sars, 1872                  |  |
| P941  | <i>cylindricauda</i> M Sars, 1872                  |  |
| P942  | <i>minor</i> Arwidsson, 1906                       |  |
| P943  | <i>Praxillura</i> Verrill, 1880                    |  |
| P944  | <i>longissima</i> Arwidsson, 1906                  |  |
| P945  | Maldaninae   |  |
| P946  | <i>Asychis</i> Kinberg, 1867                       |  |
| P947  | <i>biceps</i> (M Sars, 1861)                       |  |
| P948  | <i>Maldane</i> Malmgren, 1865                      |  |
| P949  | <i>glebifex</i> Grube, 1860                        |  |
| P950  | <i>sarsi</i> Malmgren, 1865                        |  |
| P951  | Euclymeninae                                       |  |
| P952  | <i>Clymenella</i> Verrill, 1873                    | Number of species in area not known due to difficulty in obtaining whole specimens.  |
| P953  | <i>cincta</i> (Saint-Joseph, 1894)                 |  |
| P954  | <i>torquata</i> (Leidy, 1855)                      |  |
| P955  | <i>Clymenura</i> Verrill, 1900                     |  |
| P956  | <i>borealis</i> (Arwidsson, 1906)                  |  |
| P957  | <i>clypeata</i> (Saint-Joseph, 1894)               | May be <i>Clymenura leiopygos</i> . Synonym: <i>Leiochone clypeata</i> .<br>Synonym: <i>Leiochone johnstoni</i> .<br>Synonym: <i>Leiochone leiopygos</i> . |
| P958  | <i>johnstoni</i> (McIntosh, 1915)                  |  |
| P959  | <i>leiopygos</i> (Grube, 1860)                     |  |
| P960  | <i>Euclymene</i> Verrill, 1900                     |  |
| P961  | <i>droebachiensis</i> (M Sars, 1872)               |  |
| P962  | <i>lindrothi</i> Eliason, 1962                     | Recorded in the Skagerrak.   |
| P963  | <i>lumbricoides</i> (Quatrefages, 1866)            | Synonym: <i>Clymene lumbricoides</i> .   |
| P964  | <i>oerstedii</i> (Claparède, 1863)                 | Synonym: <i>Clymene oerstedii</i> .  |
| P965  | <i>sp.</i>   | See Mackie & Garwood (1995).   |
| P966  | <i>Heteroclymene</i> Arwidsson, 1906               |  |
| P967  | <i>robusta</i> Arwidsson, 1906                     | Synonym: <i>Clymene (Euclymene) robusta</i> .  |
| P968  | <i>Johnstonia</i> Quatrefages, 1866                | Genus reviewed by Mackie & Gobin (1993). See also Mackie & Gobin (1994).   |
| P969  | <i>clymenoides</i> Quatrefages, 1866               |  |
| P970  | <i>Praxillella</i> Verrill, 1881                   |  |
| P971  | <i>affinis</i> (M Sars, 1872)                      | Synonym: <i>Clymene (Praxillella) affinis</i> .  |
| P972  | <i>gracilis</i> (M Sars, 1861)                     | Synonym: <i>Clymene (Praxillella) gracilis</i> .   |
| P973  | <i>praetermissa</i> (Malmgren, 1865)               | Synonym: <i>Clymene (Praxillella) praetermissa</i> .   |
| P974  | <i>Proclymene</i> Arwidsson, 1906                  |  |
| P975  | <i>muelleri</i> (M Sars, 1856)                     |  |
| P976  | Nicomachinae                                       |  |
| P977  | <i>Micromaldane</i> Mesnil, 1897                   | See Rouse (1990).  |
| P978  | <i>ornithochaeta</i> Mesnil, 1897                  |  |
| P979  | <i>Nicomache</i> Malmgren, 1865                    |  |
| P980  | <i>lumbricalis</i> (Fabricius, 1780)               |  |
| P981  | <i>personata</i> Johnson, 1901                     | Synonym: <i>Nicomache maculata</i> Arwidsson, 1911 of Fauvel.  |
| P982  | <i>trispinata</i> Arwidsson, 1906                  | Synonym: <i>Nicomache (Loxochona) trispinata</i> .   |
| P983  | <i>Notoproctus</i> Arwidsson, 1906                 |  |
| P984  | <i>sp.</i>   | See Mackie & Garwood (1995).   |
| P985  | <i>Petaloproctus</i> Quatrefages, 1866             |  |
| P986  | <i>tenuis borealis</i> Arwidsson, 1906             |  |
| P987  | <i>terricola</i> Quatrefages, 1866                 |  |
| P988  | Rhodiniinae  |  |
| P989  | <i>Rhodine</i> Malmgren, 1865                      |  |
| P990  | <i>gracilior</i> (Tauber, 1879)                    |  |
| P991  | <i>loveni</i> Malmgren, 1865                       |  |
| P992  | <b>OPHELIIDA</b>                                   |  |
| P993  | Opheliidae   |  |
| P994  | Opheliinae   |  |
| P995  | <i>Euzonus</i> Grube, 1866                         |  |
| P996  | <i>flabelligerus</i> (Ziegelmeier, 1955)           | Synonym: <i>Thoracophelia flabelligera</i> .   |
| P997  | <i>Ophelia</i> Savigny, 1818                       | See Tebble (1952).   |
| P998  | <i>bicornis</i> Savigny, 1818                      |  |
| P999  | <i>borealis</i> Quatrefages, 1866                  | Very common.   |
| P1000 | <i>celtica</i> Amoureux & Dauvin, 1981             | See Amoureux & Dauvin (1981). Present in Irish Sea (Mackie & Garwood, 1995).   |
| P1001 | <i>limacina</i> (Rathke, 1843)                     | An arctic species, it probably does not occur in area. Most UK records are referable to <i>O. borealis</i> .   |
| P1002 | <i>neglecta</i> Schneider, 1892                    |  |
| P1003 | <i>rathkei</i> McIntosh, 1908                      |  |
| P1004 | <i>roscoffensis</i> Augener, 1910                  |  |
| P1005 | Travisiinae  |  |
| P1006 | <i>Travisia</i> Johnston, 1840                     |  |
| P1007 | <i>forbesii</i> Johnston, 1840                     |  |
| P1008 | Ophelininae  |  |
| P1009 | <i>Armandia</i> Filippi, 1861                      |  |
| P1010 | <i>cirrhusa</i> Filippi, 1861                      |  |
| P1011 | <i>polyophtalma</i> Kukenthal, 1887                |  |
| P1012 | <i>Ophelina</i> Oersted, 1843                      |  |
| P1013 | <i>abbranchiata</i> Stop-Bowitz, 1948              |  |
| P1014 | <i>acuminata</i> Oersted, 1843                     | Synonym: <i>Ammotrypane aulogaster</i> Rathke, 1843.   |
| P1015 | <i>cylindricaudata</i> (Hansen, 1878)              | Synonym: <i>Ammotrypane cylindricaudatus</i> .   |
| P1016 | <i>modesta</i> Stop-Bowitz, 1958                   | Synonym: <i>Ammotrypane sarsi</i> Eliason, 1962.   |
| P1017 | <i>norvegica</i> Stop-Bowitz, 1945                 |  |

- P1018 *Polyophthalmus* Quatrefages, 1850  
P1019 *pictus* (Dujardin, 1839)  
P1020 Scalibregmatidae  
P1021 *Asclerocheilus* Ashworth, 1901  
P1022 *intermedius* (Saint-Joseph, 1894)  
P1023 *Polyphysia* Quatrefages, 1866  
P1024 *crassa* (Oersted, 1843)
- P1025 *Scalibregma* Rathke, 1843  
P1026 *celticum* Mackie, 1991  
P1027 *inflatum* Rathke, 1843  
P1028 *Sclerocheilus* Grube, 1863  
P1029 *minutus* Grube, 1863
- NERILLIDA**  
Nerillidae
- P1032 *Bathychaetus* Faubel, 1978  
P1033 *heptapous* Faubel, 1978  
P1034 *Mesonerilla* Remane, 1949  
P1035 *armonicana* Swedmark, 1959  
P1036 *biantennata* Jouin, 1963  
P1037 *fagei* Swedmark, 1959  
P1038 *intermedia* Wilke, 1953  
P1039 *roscovita* Levi, 1953  
P1040 *Micronerilla* Jouin, 1970  
P1041 *minuta* (Swedmark, 1959)  
P1042 *Meganerilla* Boaden, 1961  
P1043 *clavata* Magagnini, 1966  
P1044 *swedmarki* Boaden, 1961  
P1045 *Nerilla* Schmidt, 1848  
P1046 *antennata* Schmidt, 1848  
P1047 *Nerillidium* Remane, 1925  
P1048 *gracile* Remane, 1925  
P1049 *marinum* Faubel, 1978  
P1050 *mediterraneum* Remane, 1928  
P1051 *simplex* Levi, 1953  
P1052 *troglochaetoides* Remane, 1925  
P1053 *Nerillidopsis* Jouin, 1966  
P1054 *hyalina* Jouin, 1966
- DIURODRILIDA**  
Diurodrilidae
- P1055 *Diurodrilus* Remane, 1925  
P1056 *minimus* Remane, 1925  
P1057 *subterraneus* Remane, 1934
- POLYGORDIIDA**  
Polygordiidae
- P1060 *Polygordius* Schneider, 1868  
P1061 *appendiculatus* Fraipont, 1887  
P1062 *erythrophthalmus* (Giard, 1880)  
P1063 *lacteus* Schneider, 1868  
P1064 *villoti* Perrier, 1875
- PROTODRILIDA**  
Protodrilidae
- P1065 *Protodrilus* Hatschek, 1882  
P1066 *adhaerens* Jagersten, 1952  
P1067 *affinis* Jouin, 1968  
P1068 *ciliatus* Jagersten, 1952  
P1069 *flavocapitatus* (Uljanin, 1877)
- P1070 *gracilis* von Nordheim, 1989  
P1071 *hatscheki* Pierantoni, 1908  
P1072 *helgolandicus* von Nordheim, 1983  
P1073 *hypoleucus* Armenante, 1903  
P1074 *oculifer* Pierantoni, 1908  
P1075 *purpureus* (Schneider, 1868)  
P1076 *rubropharyngeus* Jagersten, 1940
- Protodriloidae
- P1077 *Protodriloides* Jouin, 1966  
P1078 *chaetifer* (Remane, 1926)  
P1079 *symbioticus* (Giard, 1904)
- Saccocirridae
- P1080 *Saccocirrus* Bobretzky, 1871  
P1081 *major* Pierantoni, 1907  
P1082 *papillocercus* Bobretzky, 1871
- OWENIIDA**  
Oweniidae
- P1083 *Galathowenia* Kirkegaard, 1959
- P1084 *n. sp.*
- P1085 *oculata* Zaks, 1922  
P1086 *Myriochele* Malmgren, 1867
- P1087 *danielsseni* Hansen, 1879  
P1088 *heeri* Malmgren, 1867  
P1089 *Owenia* Chiaje, 1842  
P1090 *fusiformis* Chiaje, 1842
- TEREBELLIDA**
- Several species present in the Irish Sea (ASYM).  
Species needs to be redescribed (ASYM).
- Synonyms: *Eumenia crassa*; *Lipobranchius jeffreysii*  
(McIntosh, 1869).
- See Mackie (1991b) and Mackie & Garwood (1995).
- Perhaps should be placed near or in Eunicida (see  
Westheide, 1990).
- Recorded from 80m in North Sea.
- Includes *Bathynrerilla* Faubel, 1978.
- See Westheide (1990).
- See Westheide (1990).
- See Westheide (1990).
- All records in the area probably refer to *Protodrilus*  
*rubropharyngeus*.
- Family requires worldwide revision. See Nilsen & Holthe  
(1985).  
Regarded as a junior synonym of *Myriochele* by Nilsen &  
Holthe (1989), but regarded as valid genus by several other  
workers. See Mackie & Pleijel (1990).  
Species under investigation (ASYM). May be several  
species in area.
- Several species of *Myriochele* have frequently been lumped  
under *M. heeri* Malmgren, 1867. This species is not known  
from the area. See Nilsen & Holthe (1985).
- Synonym: *Terebellomorpha*, see Holthe (1986).

|       |                       |                          |   |
|-------|-----------------------|--------------------------|---|
| P1100 | Pectinariidae         |                          | Synonym: Amphictenidae.   |
| P1101 | <i>Amphictene</i>     | Savigny, 1820            |   |
| P1102 | <i>auricoma</i>       | (O F Müller, 1776)       |   |
| P1103 | <i>Cistenides</i>     | Malmgren, 1866           |   |
| P1104 | <i>granulata</i>      | (Linnaeus, 1767)         |   |
| P1105 | <i>hyperborea</i>     | (Malmgren, 1866)         |   |
| P1106 | <i>Lagis</i>          | Malmgren, 1866           |   |
| P1107 | <i>koreni</i>         | Malmgren, 1866           | Synonym: <i>Pectinaria koreni</i> .   |
| P1108 | <i>Pectinaria</i>     | Savigny, 1818            |   |
| P1109 | <i>belgica</i>        | (Pallas, 1766)           |   |
| P1110 | <i>Petta</i>          | Malmgren, 1866           |   |
| P1111 | <i>pusilla</i>        | Malmgren, 1866           |   |
| P1112 | Sabellariidae         |                          |   |
| P1113 | <i>Lygdamis</i>       | Kinberg, 1867            |   |
| P1114 | <i>muratus</i>        | (Allen, 1904)            | Synonym: <i>Idanthysus muratus</i> .  |
| P1115 | <i>Sabellaria</i>     | Savigny, 1818            |   |
| P1116 | <i>alveolata</i>      | (Linnaeus, 1767)         |   |
| P1117 | <i>spinulosa</i>      | Leuckart, 1849           |   |
| P1118 | Ampharetidae          |                          | See Holthe (1975).  |
| P1119 | Melinninae            |                          |   |
| P1120 | <i>Melinna</i>        | Malmgren, 1866           | See Mackie & Pleijel (1995).  |
| P1121 | <i>cristata</i>       | (M Sars, 1851)           | Probably not present in UK waters (ASYM).   |
| P1122 | <i>elisabethae</i>    | McIntosh, 1885           | Species redescribed, see Mackie & Pleijel (1995).   |
| P1123 | <i>islandica</i>      | (Saemundson, 1918)       | May not be a valid species. See Mackie & Pleijel (1995).  |
| P1124 | <i>palmata</i>        | Grube, 1869              |   |
| P1125 | Ampharetinae          |                          |   |
| P1126 | <i>Alkmaria</i>       | Horst, 1919              |   |
| P1127 | <i>romijni</i>        | Horst, 1919              |   |
| P1128 | <i>Amage</i>          | Malmgren, 1866           |   |
| P1129 | <i>adspersa</i>       | (Grube, 1863)            |   |
| P1130 | <i>auricula</i>       | Malmgren, 1866           |   |
| P1131 | <i>gallasii</i>       | (Marion, 1875)           |   |
| P1132 | <i>scotica</i>        | Clark, 1952              |   |
| P1133 | <i>Ampharete</i>      | Malmgren, 1866           | Species need redescription (ASYM).  |
| P1134 | <i>baltica</i>        | Eliason, 1955            | Recorded from east coast of Scotland and the Irish Sea.   |
| P1135 | <i>falcata</i>        | Eliason, 1955            | Known from west coast of Scotland, Celtic Sea, Irish Sea, North Sea.  |
| P1136 | <i>finmarchica</i>    | (M Sars, 1865)           | Synonym: <i>Ampharete arctica</i> Malmgren, 1866. Rare, often confused with <i>Anobothrus gracilis</i> (BO'C).  |
| P1137 | <i>goesi</i>          | Malmgren, 1866           |   |
| P1138 | <i>grubei</i>         | (Malmgren, 1866)         |   |
| P1139 | <i>lindstroemi</i>    | Hessle, 1917             | Recorded from east and west coasts of Scotland, but confusion over identity. May be several species compounded (e.g. spp. A and B in Mackie & Garwood, 1995). |
| P1140 | <i>vega</i>           | (Wirén, 1883)            |   |
| P1141 | <i>Amphicteis</i>     | Grube, 1850              |   |
| P1142 | <i>gunneri</i>        | (M Sars, 1835)           |   |
| P1143 | <i>midas</i>          | (Gosse, 1855)            | Synonym: <i>Ampharete gunneri</i> (fig. only) of Hartmann-Schröder (1971). See Hartley (1985).  |
| P1144 | <i>Amythasides</i>    | Eliason, 1955            |   |
| P1145 | <i>macroglossus</i>   | Eliason, 1955            | Present in northern North Sea.  |
| P1146 | <i>Anobothrus</i>     | Levinsen, 1884           |   |
| P1147 | <i>gracilis</i>       | (Malmgren, 1866)         | Synonym: <i>Sosane gracilis</i> .   |
| P1148 | <i>Eclysippe</i>      | Eliason, 1955            |   |
| P1149 | <i>cf. vanelli</i>    | (Fauvel, 1936)           | West African species. Specimens from North Sea probably belong to a new species. See Hartley (1985).  |
| P1150 | <i>Glyphanostomum</i> | Levinsen, 1884           |   |
| P1151 | <i>pallescens</i>     | (Theel, 1878)            |   |
| P1152 | <i>Lysippe</i>        | Malmgren, 1866           |   |
| P1153 | <i>labiata</i>        | Malmgren, 1866           |   |
| P1154 | <i>Lysippides</i>     | Hessle, 1917             |   |
| P1155 | <i>fragilis</i>       | (Wollebaek, 1912)        | Present in northern North Sea.  |
| P1156 | <i>Mugga</i>          | Eliason, 1955            |   |
| P1157 | <i>wahrbergi</i>      | Eliason, 1955            | West coast of Scotland and North Sea.   |
| P1158 | <i>Sabellides</i>     | Milne-Edwards, 1838      |   |
| P1159 | <i>borealis</i>       | M Sars, 1856             |   |
| P1160 | <i>octocirrata</i>    | (M Sars, 1835)           |   |
| P1161 | <i>sibirica</i>       | (Wirén, 1883)            | See Holthe (1975). May not be present in the area.  |
| P1162 | <i>Samytha</i>        | Malmgren, 1866           |   |
| P1163 | <i>sexcirrata</i>     | (M Sars, 1856)           |   |
| P1164 | <i>Samythella</i>     | Verrill, 1873            |   |
| P1165 | <i>neglecta</i>       | (Wollebaek, 1912)        | Present in north of area.   |
| P1166 | <i>Sosane</i>         | Malmgren, 1866           |   |
| P1167 | <i>sulcata</i>        | Malmgren, 1866           |   |
| P1168 | <i>Sosanopsis</i>     | Hessle, 1917             |   |
| P1169 | <i>wireni</i>         | Hessle, 1917             | Present in north of area.   |
| P1170 | Alvinellidae          |                          | See Desbruyères & Laubier (1986). Not yet recorded from the area.   |
| P1171 | Trichobranchidae      |                          |   |
| P1172 | <i>Octobranchus</i>   | Marion & Bobretzky, 1875 |   |
| P1173 | <i>floriceps</i>      | Kingston & Mackie, 1980  | See Kingston & Mackie (1980).   |
| P1174 | <i>Terebellides</i>   | M Sars, 1835             |   |
| P1175 | <i>stroemi</i>        | M Sars, 1835             |   |
| P1176 | <i>Trichobranchus</i> | Malmgren, 1866           |   |
| P1177 | <i>glacialis</i>      | Malmgren, 1866           |   |
| P1178 | <i>roseus</i>         | (Malm, 1874)             | Synonym: <i>Filibranchus roseus</i> .   |
| P1179 | Terebellidae          |                          |   |
| P1180 | Amphitritinae         |                          |   |
| P1181 | <i>Amphitrite</i>     | O F Müller, 1771         |   |
| P1182 | <i>cirrata</i>        | O F Müller, 1771         |   |
| P1183 | <i>edwardsi</i>       | (Quatrefages, 1865)      |   |

|       |  |   |
|-------|--|---|
| P1184 | <i>Amphitritides</i> Augener, 1922     |   |
| P1185 | <i>gracilis</i> (Grube, 1860)          | Synonym: <i>Amphitrite gracilis</i> .   |
| P1186 | <i>Axionice</i> Malmgren, 1866         |   |
| P1187 | <i>maculata</i> (Dalyell, 1853)        | Synonym: <i>Pista maculata</i> .  |
| P1188 | <i>Eupolymnia</i> Verrill, 1900        |   |
| P1189 | <i>nebulosa</i> (Montagu, 1819)        | Synonym: <i>Polymnia nebulosa</i> .   |
| P1190 | <i>nesidensis</i> (Chiaje, 1828)       | Synonym: <i>Polymnia nesidensis</i> .   |
| P1191 | <i>Lanassa</i> Malmgren, 1866          |   |
| P1192 | <i>nordenskioldi</i> Malmgren, 1866    |   |
| P1193 | <i>venusta</i> (Malm, 1874)            |   |
| P1194 | <i>Lanice</i> Malmgren, 1866           |   |
| P1195 | <i>conchilega</i> (Pallas, 1766)       |   |
| P1196 | <i>Laphania</i> Malmgren, 1866         |   |
| P1197 | <i>boeckii</i> Malmgren, 1866          |   |
| P1198 | <i>Leaena</i> Malmgren, 1866           |   |
| P1199 | <i>abranchiata</i> Malmgren, 1866      |   |
| P1200 | <i>Loimia</i> Malmgren, 1866           | Genus needs revision (ASYM).  |
| P1201 | <i>medusa</i> (Savigny, 1818)          |   |
| P1202 | <i>sp.</i>                             | See Mackie & Garwood (1995).  |
| P1203 | <i>Neoamphitrite</i> Hessle, 1917      |   |
| P1204 | <i>affinis</i> (Malmgren, 1866)        |   |
| P1205 | <i>edwardsi</i> (Quatrefages, 1865)    |   |
| P1206 | <i>figulus</i> (Dalyell, 1853)         | Synonym: <i>Amphitrite johnstoni</i> Malmgren, 1866.  |
| P1207 | <i>grayi</i> Malmgren, 1866            |   |
| P1208 | <i>groenlandica</i> (Malmgren, 1866)   |   |
| P1209 | <i>Nicolea</i> Malmgren, 1866          |   |
| P1210 | <i>venustula</i> (Montagu, 1819)       |   |
| P1211 | <i>zostericola</i> (Oersted, 1844)     |   |
| P1212 | <i>Paramphitrite</i> Holthe, 1976      |   |
| P1213 | <i>tetrabanchia</i> Holthe, 1976       | Northern North Sea, see Holthe (1976).  |
| P1214 | <i>Phisidia</i> Saint-Joseph, 1894     |   |
| P1215 | <i>aurea</i> Southward, 1956           |   |
| P1216 | <i>Pista</i> Malmgren, 1866            |   |
| P1217 | <i>cristata</i> (O F Müller, 1776)     |   |
| P1218 | <i>lornensis</i> (Pearson, 1969)       | See Saphronova (1991). Synonym: <i>Scionella lornensis</i> .  |
| P1219 | <i>sp.</i>                             | See Mackie & Garwood (1995).  |
| P1220 | <i>Proclea</i> Saint-Joseph, 1894      |   |
| P1221 | <i>graffii</i> (Langerhans, 1884)      |   |
| P1222 | <i>Terebella</i> Linnaeus, 1767        |   |
| P1223 | <i>lapidaria</i> (Linnaeus, 1767)      |   |
| P1224 | Artacaminae                            |   |
| P1225 | <i>Artacama</i> Malmgren, 1866         |   |
| P1226 | <i>proboscidea</i> Malmgren, 1866      |   |
| P1227 | Polycirrinae                           |   |
| P1228 | <i>Amaeana</i> Hartman, 1959           |   |
| P1229 | <i>trilobata</i> (M Sars, 1863)        | Synonym: <i>Amaea trilobata</i> .   |
| P1230 | <i>Hauchiella</i> Levinsen, 1893       |   |
| P1231 | <i>tribullata</i> (McIntosh, 1869)     |   |
| P1232 | <i>Lysilla</i> Malmgren, 1866          |   |
| P1233 | <i>loveni</i> Malmgren, 1866           |   |
| P1234 | <i>nivea</i> Langerhans, 1884          | See Mackie & Garwood (1995).  |
| P1235 | <i>Polycirrus</i> Grube, 1850          | Genus needs revision (ASYM).  |
| P1236 | <i>arenivorus</i> Caullery, 1916       |   |
| P1237 | <i>aurantiacus</i> Grube, 1860         |   |
| P1238 | <i>caliendrum</i> Claparède, 1868      |   |
| P1239 | <i>denticulatus</i> Saint-Joseph, 1894 |   |
| P1240 | <i>haematodes</i> (Claparède, 1864)    |   |
| P1241 | <i>latidens</i> Eliason, 1962          | Present in northern North Sea.  |
| P1242 | <i>medusa</i> Grube, 1850              |   |
| P1243 | <i>norvegicus</i> Wollebaek, 1912      |   |
| P1244 | <i>plumosus</i> Wollebaek, 1912        |   |
| P1245 | <i>tenuisetis</i> Langerhans, 1880     |   |
| P1246 | <i>n. sp.</i>                          | See Mackie & Garwood (1995).  |
| P1247 | Thelepodinae                           |   |
| P1248 | <i>Parathelepus</i> Caullery, 1915     |   |
| P1249 | <i>collaris</i> (Southern, 1914)       |   |
| P1250 | <i>Streblosoma</i> M Sars, 1872        |   |
| P1251 | <i>bairdi</i> (Malmgren, 1866)         |   |
| P1252 | <i>intestinalis</i> M Sars, 1872       |   |
| P1253 | <i>Thelepus</i> Leuckart, 1849         | Juveniles can be mistaken for <i>Streblosoma</i> , see Mackie & Garwood (1995).   |
| P1254 | <i>cinnatus</i> (Fabricius, 1780)      |   |
| P1255 | <i>setosus</i> (Quatrefages, 1866)     |   |
| P1256 | <b>SABELLIDA</b>                       | See Knight-Jones (1983) and Knight-Jones & Walker (1985).   |
| P1257 | Sabellidae                             |   |
| P1258 | <i>Amphiglana</i> Claparède, 1864      |   |
| P1259 | <i>mediterranea</i> (Leydig, 1851)     |   |
| P1260 | <i>Bispira</i> Krøyer, 1856            | Review by Knight-Jones & Perkins (in prep.).  |
| P1261 | <i>volutacomis</i> (Montagu, 1804)     |   |
| P1262 | <i>Branchiomma</i> Kölliker, 1858      |   |
| P1263 | <i>bombyx</i> (Dalyell, 1853)          | Synonym: <i>Dasychone bombyx</i> .  |
| P1264 | <i>Chone</i> Krøyer, 1856              | Mediterranean species reviewed by Giangrande (1992).<br>North European species under investigation by Phyllis Knight-Jones. |
| P1265 | <i>acustica</i> (Claparède, 1870)      |   |
| P1266 | <i>collaris</i> Langerhans, 1880       | sensu Eliason, 1962.  |
| P1267 | <i>duneri</i> Malmgren, 1867           |   |
| P1268 | <i>fauveli</i> McIntosh, 1916          |   |
| P1269 | <i>filicaudata</i> Southern, 1914      |   |
| P1270 | <i>infundibuliformis</i> Krøyer, 1856  |   |

|       |   |   |
|-------|---|---|
| P1271 | <i>Demonax</i> Kinberg, 1867                  |   |
| P1272 | <i>branchyona</i> (Claparède, 1870)           |   |
| P1273 | <i>cambrensis</i> Knight-Jones & Walker, 1985 |   |
| P1274 | <i>langerhansi</i> Knight-Jones, 1983         | Synonym: <i>Sabella</i> ( <i>Potamilla</i> ) <i>incerta</i> Langerhans, 1884 non <i>Demonax incertus</i> Kinberg.   |
| P1275 | <i>saxicola</i> (Grube, 1861)                 |   |
| P1276 | <i>torulis</i> Knight-Jones & Walker, 1985    |   |
| P1277 | <i>Euchone</i> Malmgren, 1866                 |   |
| P1278 | <i>analís</i> (Krøyer, 1856)                  |   |
| P1279 | <i>papillosa</i> (M Sars, 1851)               |   |
| P1280 | <i>rubrocincta</i> (M Sars, 1861)             | Synonym: <i>Chone rubrocincta</i> .   |
| P1281 | <i>southerni</i> Banse, 1970                  | Synonym: ? <i>Euchone rosea</i> .   |
| P1282 | <i>Fabricia</i> de Blainville, 1828           |   |
| P1283 | <i>sabella</i> (Ehrenberg, 1837)              |   |
| P1284 | <i>Fabriciola</i> Friedrich, 1940             |   |
| P1285 | <i>baltica</i> Friedrich, 1940                |   |
| P1286 | <i>cf. berkeleyi</i> Banse, 1956              |   |
| P1287 | <i>Jasmineira</i> Langerhans, 1881            |   |
| P1288 | <i>candela</i> (Grube, 1863)                  |   |
| P1289 | <i>caudata</i> Langerhans, 1880               |   |
| P1290 | <i>elegans</i> Saint-Joseph, 1894             |   |
| P1291 | <i>Laonome</i> Malmgren, 1866                 |   |
| P1292 | <i>kroyeri</i> Malmgren, 1866                 |   |
| P1293 | <i>Manayunkia</i> Leidy, 1858                 |   |
| P1294 | <i>aestuarina</i> (Bourne, 1883)              |   |
| P1295 | <i>cursoria</i> (Quatrefages)                 |   |
| P1296 | <i>Megalomma</i> Johansson, 1927              |   |
| P1297 | <i>vesiculosum</i> (Montagu, 1813)            | Synonym: <i>Branchiomma vesiculosum</i> .   |
| P1298 | <i>Myxicola</i> Koch in Renier, 1847          |   |
| P1299 | <i>aesthetica</i> (Claparède, 1870)           |   |
| P1300 | <i>infundibulum</i> (Renier, 1804)            |   |
| P1301 | <i>sarsii</i> Krøyer, 1856                    |   |
| P1302 | <i>steenstrupi</i> Krøyer, 1856               |   |
| P1303 | <i>Oriopsis</i> Caullery & Mesnil, 1896       | Synonym: <i>Oridia</i> .  |
| P1304 | <i>armandi</i> (Claparède, 1864)              |   |
| P1305 | <i>hynensis</i> Knight-Jones, 1983            |   |
| P1306 | <i>Perkinsiana</i> Knight-Jones, 1983         |   |
| P1307 | <i>rubra</i> (Langerhans, 1880)               | See Knight-Jones (1983).  |
| P1308 | <i>Potamethus</i> Chamberlin, 1919            | See Knight-Jones (1983). Synonym: <i>Potamis</i> Ehlers, 1887.  |
| P1309 | <i>murrayi</i> (McIntosh, 1916)               | A deep-water species. Synonym: <i>Sabella murrayi</i> .   |
| P1310 | <i>Potamilla</i> Malmgren, 1866               | See Knight-Jones (1983).  |
| P1311 | <i>neglecta</i> (M Sars, 1851)                |   |
| P1312 | <i>torelli</i> Malmgren, 1866                 |   |
| P1313 | <i>Pseudofabricia</i> Cantone, 1972           | Type species redescribed by Giangrande & Cantone (1990).  |
| P1314 | <i>sp.</i>                                    | Present in the Irish Sea and Milford Haven (ASYM). See Mackie & Garwood (1995).   |
| P1315 | <i>Pseudopotamilla</i> Bush, 1905             | See Knight-Jones (1983). May be other species in area (P. Knight-Jones).  |
| P1316 | <i>reniformis</i> (Bruguiere, 1789)           | Synonyms: <i>Amphitrite reniformis</i> ; <i>Potamilla reniformis</i> .  |
| P1317 | <i>Sabella</i> Linnaeus, 1767                 | Review by Knight-Jones & Perkins (in prep.).  |
| P1318 | <i>discifera</i> Grube, 1874                  |   |
| P1319 | <i>flabellata</i> Savigny, 1820               | Recorded by Dyrinda & Farnham (1985).   |
| P1320 | <i>pavonina</i> Savigny, 1820                 | Synonym: <i>S. penicillus</i> .   |
| P1321 | <i>sarsi</i> Krøyer, 1856                     |   |
| P1322 | <i>spallanzanii</i> (Viviani, 1805)           |   |
| P1323 | <i>variabilis</i> Langerhans, 1884            |   |
| P1324 | Serpulidae                                    |   |
| P1325 | Serpulinae                                    |   |
| P1326 | <i>Chitinopoma</i> Levinsen, 1884             |   |
| P1327 | <i>serrula</i> (Stimpson, 1854)               |   |
| P1328 | <i>Ditrupe</i> Berkeley, 1835                 |   |
| P1329 | <i>arietina</i> (O F Müller, 1776)            |   |
| P1330 | <i>Hydroides</i> Gunnerus, 1768               |   |
| P1331 | <i>dianthus</i> (Verrill, 1873)               | Synonym: <i>Eupomatus dianthus</i> . Immigrant species recorded in Solent, see Thorp (1985).  |
| P1332 | <i>elegans</i> (Haswell, 1883)                | Reported from Britain as <i>H. incrustans</i> Monro. See Ten Hove (1974). Immigrant species recorded in Solent, see Thorp (1985).   |
| P1333 | <i>ezoensis</i> Okuda                         |   |
| P1334 | <i>norvegica</i> Gunnerus, 1768               |   |
| P1335 | <i>Ficopomatus</i>                            | Synonym: <i>Mercierella</i> Fauvel, 1923.   |
| P1336 | <i>enigmaticus</i> (Fauvel, 1923)             | Synonym: <i>Mercierella enigmaticus</i> .   |
| P1337 | <i>Placostegus</i> Philippi, 1844             |   |
| P1338 | <i>tridentatus</i> (Fabricius, 1779)          |   |
| P1339 | <i>Pomatoceros</i> Philippi, 1844             |   |
| P1340 | <i>lamarcki</i> (Quatrefages, 1866)           | Synonym: <i>Vermilia lamarckii</i> .  |
| P1341 | <i>triqueter</i> (Linnaeus, 1758)             |   |
| P1342 | <i>Serpula</i> Linnaeus, 1767                 |   |
| P1343 | <i>vermicularis</i> Linnaeus, 1767            |   |
| P1344 | <i>Vermiliopsis</i> Saint-Joseph, 1894        |   |
| P1345 | <i>striaticeps</i> (Grube, 1862)              | Immigrant species found in Falmouth Harbour, see Thorp <i>et al.</i> (1986).  |
| P1346 | Filigraninae                                  |   |
| P1347 | <i>Apomatus</i> Philippi, 1844                |   |
| P1348 | <i>similis</i> Marion & Bobretzky, 1875       |   |
| P1349 | <i>Filigrana</i> Oken, 1815 in McIntosh, 1923 |   |
| P1350 | <i>implexa</i> Berkeley, 1827 in Sars, 1851   |   |
| P1351 | <i>Filigranula</i> Langerhans, 1884           |   |
| P1352 | <i>calculata</i> (Costa, 1861)                | Immigrant species recorded from Aberiddy Quarry, Wales. See Thorp <i>et al.</i> (1986). Synonyms: <i>Omphalopoma aculeata</i> (Fauvel); <i>Omphalopoma cristata</i> (Langerhans). |
| P1353 | <i>gracilis</i> Langerhans, 1884              | Present in Irish Sea (W. Knight-Jones; see Mackie &   |

- P1354 *Josephella* Caullery & Mesnil, 1896  
P1355 *marenzelleri* Caullery & Mesnil, 1896  
P1356 *Metavermilja* Bush, 1904  
P1357 *multicristata* (Philippi, 1844)
- P1358 *Protula* Risso, 1826  
P1359 *tubularia* (Montagu, 1803)  
P1360 *Salmacina* Claparède, 1870  
P1361 *dysteri* (Huxley, 1855)  
P1362 Spirorbidae
- P1363 *Bushiella* Knight-Jones, 1973  
P1364 *n. sp.*
- P1365 *Circeis* Saint-Joseph, 1894  
P1366 *armoricana* Saint-Joseph, 1894  
P1367 *armoricana fragilis* Knight-Jones & Knight-Jones, 1977  
P1368 *armoricana paguri* Knight-Jones & Knight-Jones, 1977  
P1369 *spirillum* (Linnaeus, 1758)  
P1370 *Janua* Saint-Joseph, 1894  
P1371 *Janua (Janua)* Saint-Joseph, 1894  
P1372 *pagenstecheri* (Quatrefages, 1865)  
P1373 *Janua (Dexiospira)* Caullery & Mesnil, 1897  
P1374 *brasiliensis* (Grube, 1872)  
P1375 *pseudocorrugata* (Bush, 1904)  
P1376 *Jugaria*  
P1377 *granulata* (Linnaeus, 1767)  
P1378 *quadrangularis* (Stimpson)  
P1379 *Neodexiospira* Pillai, 1970  
P1380 *n. sp.*
- P1381 *Paradexiospira* Caullery & Mesnil, 1897  
P1382 *vitrea* (Fabricius, 1780)  
P1383 *Paralaeospira* Caullery & Mesnil, 1897  
P1384 *malardi* Caullery & Mesnil, 1897  
P1385 *Pileolaria* Claparède, 1868  
P1386 *berkeleyana* (Rioja, 1942)
- P1387 *heteropoma* (Zibrowius, 1968)  
P1388 *militaris* Claparède, 1868  
P1389 *Protolaeospira* Pixell, 1912  
P1390 *striata* (Quievreux, 1963)  
P1391 *Spirorbis* Daudin, 1800  
P1392 *corallinae* de Silva & Knight-Jones, 1962  
P1393 *cuneatus* Gee, 1964  
P1394 *inomatus* L'Hardy & Quievreux, 1962  
P1395 *rupestris* Gee & Knight-Jones, 1962  
P1396 *spirorbis* (Linnaeus, 1758)  
P1397 *tridentatus* Levinsen, 1883
- MYZOSTOMIDA**  
P1398 Myzostomidae  
P1399 *Myzostomum* Leuckart, 1827  
P1400 *cirriferum* Leuckart, 1827
- OLIGOCHAETA**  
**TUBIFICIDA**  
P1402 TUBIFICINA  
P1403 Naididae  
P1404  
P1405
- P1406 *Amphichaeta* Tauber, 1879  
P1407 *sannio* Kallstenius, 1892  
P1408 *Chaetogaster* von Baer, 1827  
P1409 *crystallinus* Vejdovsky, 1883  
P1410 *diaphanus* (Gruithuisen, 1828)  
P1411 *langi* Bretscher, 1896  
P1412 *limnaei* von Baer, 1827  
P1413 *Nais* O F Müller, 1773  
P1414 *communis* Piguet, 1906  
P1415 *elinguis* O F Müller, 1773  
P1416 *variabilis* Piguet, 1906  
P1417 *Paranais* Czerniavsky, 1880  
P1418 *botniensis* Sperber, 1948  
P1419 *frici* Hrabe, 1941  
P1420 *litoralis* (O F Müller, 1784)  
P1421 *Stylaria* Lamarck, 1816  
P1422 *lacustris* (Linnaeus, 1767)  
P1423 *Uncinai* Levinsen, 1884  
P1424 *uncinata* (Oersted, 1842)
- P1425 Tubificidae  
P1426 Rhyacodrilinae  
P1427 *Monopylephorus* Levinsen, 1884  
P1428 *irroratus* (Verrill, 1873)  
P1429 *parvus* Ditlevsen, 1904  
P1430 *rubroniveus* Levinsen, 1884
- P1431 Phallogdrilinae  
P1432 *Adelodrilus* Cook, 1969  
P1433 *cooki* Erséus, 1978
- Garwood, 1995).
- Immigrant species found in Abereddy Quarry, Wales, see Thorp *et al.* (1986) and in Irish Sea, see Mackie *et al.* (1995).
- See Knight-Jones & Knight-Jones (1977). Many workers now believe that the separation of this family from the Serpulidae is not valid.
- Present in Irish Sea (W. Knight-Jones; see Mackie & Garwood, 1995).
- Synonym: *Spirorbis (Dexiospira) spirillum*.
- Synonym: *Spirorbis pusilloides* Bush, 1904.
- See Knight-Jones *et al.* (1975); immigrant species. Synonym: *Spirorbis corrugatus* (Montagu, 1803).
- Synonym: *Pileolaria granulata*.
- Present in Irish Sea (W. Knight-Jones; see Mackie & Garwood, 1995).
- Synonym: *Pileolaria rosepigmentata* Uchida. See Knight-Jones *et al.* (1975). Immigrant species, see Thorp *et al.* (1986).
- Taxonomic position in the Polychaeta unclear.
- Higher classification based on Brinkhurst (1982b).
- Largely a freshwater group, but with a number of species occurring in (mostly oligohaline) brackish water.
- Revised by Baker & Brinkhurst (1981). Synonym: *Postiodrilus sonderi* Boldt, 1926.
- Synonyms: *Vermiculus pilosus* Goodrich, 1892; *Rhizodrilus pilosus*; *Rhizodrilus ponticus* Hrabe, 1967. See Erséus (1992). Revised by Erséus (1978).



|       |   |   |
|-------|---|---|
| P1434 | <i>pusillus</i> Erséus, 1978                        |   |
| P1435 | <i>Aktedrilus</i> Knöllner, 1935                    | Revised by Erséus (1987a). Synonym: <i>Bacescuella</i> Hrabe, 1973.   |
| P1436 | <i>arcticus</i> (Erséus, 1978)                      | Synonym: <i>Bacescuella arctica</i> .   |
| P1437 | <i>monospermathecus</i> Knöllner, 1935              | Synonym: <i>Phallodrilus monospermathecus</i> .   |
| P1438 | <i>parvithecatus</i> (Erséus, 1978)                 | Synonym: <i>Bacescuella parvithecata</i> .  |
| P1439 | <i>sphaeropenis</i> Erséus & Kossmagk-Stephan, 1982 |   |
| P1440 | <i>Bathydrius</i> Cook, 1970                        | Revised by Erséus (1979).   |
| P1441 | <i>adriaticus</i> (Hrabe, 1971)                     | Synonym: <i>Phallodrilus adriaticus</i> ; not yet recorded from British Isles, but known from many parts of the world.  |
| P1442 | <i>rarisetis</i> (Erséus, 1975)                     | Synonym: <i>Macroseta rarisetis</i> .   |
| P1443 | <i>Phallodrilus</i> Pierantoni, 1902                | Treated in many publications, e.g. by Erséus (1987b).   |
| P1444 | <i>parthenopaeus</i> Pierantoni, 1902               |   |
| P1445 | <i>Abyssidrilus</i> Erséus, 1992                    |   |
| P1446 | <i>profundus</i> (Cook, 1970)                       | Synonym: <i>Phallodrilus profundus</i> .  |
| P1447 | <i>Gianius</i> Erséus, 1992                         |   |
| P1448 | <i>aquaedulcis</i> (Hrabe, 1960)                    | Synonym: <i>Phallodrilus aquaedulcis</i> .  |
| P1449 | <i>Inermidrilus</i> Erséus, 1992                    |   |
| P1450 | <i>georgei</i> (Erséus, 1987)                       | Synonym: <i>Phallodrilus georgei</i> .  |
| P1451 | <i>Mexidrilus</i> Erséus, 1992                      |   |
| P1452 | <i>minutissimus</i> (Erséus, 1987)                  | Synonym: <i>Phallodrilus minutissimus</i> .   |
| P1453 | <i>nidarosiensis</i> (Erséus, 1987)                 | Synonym: <i>Phallodrilus nidarosiensis</i> .  |
| P1454 | <i>postspermathecatus</i> (Erséus, 1980)            | Synonym: <i>Phallodrilus postspermathecatus</i> .   |
| P1455 | <i>Paraktedrilus</i> Erséus, 1992                   |   |
| P1456 | <i>bakeri</i> (Kossmagk-Stephan & Erséus, 1985)     | Synonym: <i>Phallodrilus bakeri</i> .   |
| P1457 | <i>Pectinodrilus</i> Erséus, 1992                   |   |
| P1458 | <i>rectisetosus</i> Erséus, 1979                    | Revised by Erséus (1988); widely distributed species not yet recorded from the British Isles. Synonym: <i>Phallodrilus rectisetosus</i> .                         |
| P1459 | <i>Pirodrilus</i> Erséus, 1992                      |   |
| P1460 | <i>minutus</i> (Hrabe, 1973)                        | Synonym: <i>Phallodrilus minutus</i> .  |
| P1461 | <i>Thalassodrilus</i> Brinkhurst, 1963              |   |
| P1462 | <i>firmus</i> (Erséus, 1979)                        | Synonym: <i>Phallodrilus firmus</i> .   |
| P1463 | <i>klarae</i> (Erséus, 1987)                        | Synonym: <i>Phallodrilus klarae</i> .   |
| P1464 | <i>prostatus</i> (Knöllner, 1935)                   | Synonyms: <i>Rhyacodrilus prostatus</i> ; <i>Phallodrilus prostatus</i> ; <i>Limnodriloides prostatus</i> .   |
| P1465 | <i>Spiridion</i> Knöllner, 1935                     | Revised by Erséus <i>et al.</i> (1992).   |
| P1466 | <i>insigne</i> Knöllner, 1935                       |   |
| P1467 | <i>modricensis</i> (Hrabe, 1973)                    | Synonym: <i>Thalassodrilus modricensis</i> .  |
| P1468 | Limnodriloidinae                                    |   |
| P1469 | <i>Limnodriloides</i> Pierantoni, 1903              | Revised by Erséus (1982).   |
| P1470 | <i>agnes</i> Hrabe, 1967                            |   |
| P1471 | <i>scandinavicus</i> Erséus, 1982                   | Previously misidentified as <i>L. barnardi</i> Cook, 1974.  |
| P1472 | <i>Thalassodrilides</i> Brinkhurst & Baker, 1979    |   |
| P1473 | Tubificinae   |   |
| P1474 | <i>Christerius</i> Holmquist, 1985                  |   |
| P1475 | <i>litoralis</i> (Erséus, 1976)                     | Synonym: <i>Tubifex litoralis</i> .   |
| P1476 | <i>Clitellio</i> Savigny, 1820                      |   |
| P1477 | <i>arenarius</i> (O F Müller, 1776)                 |   |
| P1478 | <i>Heterochaeta</i> Claparède, 1863                 |   |
| P1479 | <i>costata</i> Claparède, 1863                      | Synonym: <i>Tubifex costatus</i> .  |
| P1480 | <i>Limnodrilus</i> Claparède, 1862                  |   |
| P1481 | <i>hoffmeisteri</i> Claparède, 1862                 | Largely a freshwater species.   |
| P1482 | <i>Isochaetides</i> Hrabe, 1966                     |   |
| P1483 | <i>michaelseni</i> (Lastockin, 1937)                |   |
| P1484 | <i>Tubifex</i> Lamarck, 1816                        |   |
| P1485 | <i>nerthus</i> Michaelsen, 1908                     |   |
| P1486 | <i>tubifex</i> (O F Müller, 1774)                   |   |
| P1487 | <i>Tubificoides</i> Lastockin, 1937                 | A species-rich group treated by Baker (1983) and Brinkhurst (1985, 1986).   |
| P1488 | <i>aculeatus</i> (Cook, 1970)                       |   |
| P1489 | <i>amplivasatus</i> (Erséus, 1975)                  | Synonym: <i>Peloscolex amplivasatus</i> .   |
| P1490 | <i>benedii</i> (Udekem, 1855)                       | Synonyms: <i>Edukemius benedii</i> ; <i>Peloscolex benedeni</i> ; <i>Tubificoides benedeni</i> .  |
| P1491 | <i>brownae</i> Brinkhurst & Baker, 1979             | Synonym: <i>T. coatesae</i> Brinkhurst & Baker, 1979.   |
| P1492 | <i>crenacoelus</i> Baker, 1983                      |   |
| P1493 | <i>cuspisetosus</i> Baker, 1983                     |   |
| P1494 | <i>diazii</i> Brinkhurst & Baker, 1979              | Synonym: <i>T. maureri</i> Brinkhurst & Baker, 1979.  |
| P1495 | <i>heterochaetus</i> (Michaelsen, 1926)             | Synonyms: <i>Limnodrilus heterochaetus</i> ; <i>Peloscolex heterochaetus</i> .  |
| P1496 | <i>insularis</i> (Stephenson, 1922)                 | Synonym: <i>Tubifex insularis</i> ; <i>Peloscolex insularis</i> . Previously misidentified as <i>Peloscolex benedeni</i> (now <i>Tubificoides benedii</i> above). |
| P1497 | <i>kozloffii</i> Baker, 1983                        |   |
| P1498 | <i>pseudogaster</i> (Dahl, 1960)                    | Synonyms: <i>Limnodrilus pseudogaster</i> ; <i>Tubifex pseudogaster</i> ; <i>Isochaetides pseudogaster</i> .  |
| P1499 | <i>scoticus</i> Brinkhurst, 1985                    |   |
| P1500 | <i>swirencoides</i> Brinkhurst, 1985                |   |
| P1501 | Enchytraeidae                                       |   |
| P1502 | <i>Achaeta</i> Vejdovsky, 1877                      |   |
| P1503 | <i>littoralis</i> Lasserre, 1968                    |   |
| P1504 | <i>Cernovitoviella</i> Nielsen & Christensen, 1959  |   |
| P1505 | <i>immota</i> (Knöllner, 1935)                      | Synonym: <i>Enchytraeoides immotus</i> .  |
| P1506 | <i>Cognettia</i> Nielsen & Christensen, 1959        |   |
| P1507 | <i>glandulosa</i> (Michaelsen, 1888)                |   |
| P1508 | <i>sphagnetorum</i> (Vejdovsky, 1877)               |   |
| P1509 | <i>Enchytraeus</i> Henle, 1837                      |   |
| P1510 | <i>albidus</i> Henle, 1837                          |   |
| P1511 | <i>buchholzi</i> Vejdovsky, 1879                    |   |
| P1512 | <i>capitatus</i> von Bulow, 1957                    |   |
| P1513 | <i>lacteus</i> Nielsen & Christensen, 1961          |   |

- P1514 *liefdeensis* Stephenson, 1924  
P1515 *minutus* Nielsen & Christensen, 1961  
P1516 *Fridericia* Michaelsen, 1889
- In need of generic revision. See Brinkhurst, in Brinkhurst & Jamieson (1971).
- P1517 *bulboides* Nielsen & Christensen, 1959  
P1518 *bulbosa* (Rosa, 1887)  
P1519 *callosa* (Eisen, 1878)  
P1520 *paroniana* Issel, 1904  
P1521 *perrieri* (Vejdovsky, 1877)  
P1522 *ratzei* (Eisen, 1872)  
P1523 *striata* (Levinsen, 1884)  
P1524 *Grania* Southern, 1913  
P1525 *maricola* Southern, 1913  
P1526 *ovitheca* Erséus, 1977  
P1527 *postclitellochaeta* (Knöllner, 1935)
- Synonyms: *Michaelsena postclitellochaeta*; *Marionina postclitellochaeta*; *Hemigrania postclitellochaeta*.  
Regarded as a subspecies of *G. macrochaeta* (Pierantoni, 1901) by Erséus & Lasserre (1976), but is probably a good species.
- P1528 *pusilla* Erséus, 1974
- P1529 *roscoffensis* Lasserre, 1967  
P1530 *variochaeta* Erséus & Lasserre, 1976  
P1531 *Hemifridericia* Nielsen & Christensen, 1959  
P1532 *parva* Nielsen & Christensen, 1959  
P1533 *Henlea* Michaelsen, 1889  
P1534 *nasuta* (Eisen, 1878)  
P1535 *perpusilla* Friend, 1911, emend Cernosvitov, 1937  
P1536 *ventriculosa* (Udekem, 1854)  
P1537 *Lumbricillus* Oersted, 1844
- A large genus in need of revision. Some taxonomic changes suggested by Kossmagk-Stephan (1985) followed here.
- P1538 *algensis* Erséus, 1977  
P1539 *arenarius* (Michaelsen, 1889)
- Synonyms: *L. magdalenae* Nurminen, 1965; *Enchytraeoides arenarius*; ?*Enchytraeoides eudioptus* von Bulow, 1955.  
Synonym: *L. nielsenii* Nurminen, 1965.
- P1540 *buelowi* Nielsen & Christensen, 1959  
P1542 *dubius* (Stephenson, 1911)  
P1543 *enteromorphae* von Bulow, 1957  
P1544 *fennicus* Nurminen, 1964  
P1545 *helgolandicus* (Michaelsen, 1959)  
P1546 *kaloensis* Nielsen & Christensen, 1959  
P1547 *knoellneri* Nielsen & Christensen, 1959
- Synonym: *L. rubidus* Finogenova & Streltsov, 1978.
- P1548 *lineatus* (O F Müller, 1776)  
P1549 *macrothecatus* Erséus, 1976  
P1550 *murmanicus* Finogenova & Streltsov, 1978  
P1551 *niger* Southern, 1909  
P1552 *pagenstecheri* (Ratzel, 1869)
- Synonyms: *Lumbricillus cervisiae* Kossmagk-Stephan, 1983; *L. christenseni* Tynen, 1966.  
Synonym: *Pachydriulus lineatus*.
- P1553 *pumilio* Stephenson, 1932  
P1554 *reynoldsoni* Backlund, 1948  
P1555 *rivalis* Levinsen, 1883  
P1556 *scoticus* Elmhirst & Stephenson, 1926  
P1557 *semifuscus* (Claparède, 1861)
- Not a typical *Lumbricillus*, should be removed from the genus. Synonyms: *Pachydriulus semifuscus* Claparède, 1861; *Marionina semifusca*.
- P1558 *tuba* Stephenson, 1911  
P1559 *viridis* (Stephenson, 1911)  
P1560 *Marionina* Michaelsen, 1889
- Synonym: *L. imakus* Nurminen, 1970.  
A large, heterogeneous genus in need of revision. Some taxonomic changes suggested by Kossmagk-Stephan (1985) followed here.  
Synonym: *Michaelsena achaeta*. The authority has often been quoted as Lasserre, 1964, but in fact Hagen published a brief description of the species.
- P1561 *achaeta* (Hagen, 1954)
- P1562 *appendiculata* Nielsen & Christensen, 1959  
P1563 *arenaria* Healy, 1979  
P1564 *argentea* (Michaelsen, 1889)  
P1565 *communis* Nielsen & Christensen, 1959  
P1566 *glandulifera* Jansson, 1960
- Regarded as a synonym of *M. subterranea* (Knöllner, 1935) by some authors, but now recognised as a valid species.
- P1567 *graeferi* Kossmagk-Stephan, 1983  
P1568 *oligosetosa* Kossmagk-Stephan, 1983  
P1569 *preclitellochaeta* Nielsen & Christensen, 1963  
P1570 *sjaelandica* Nielsen & Christensen, 1961  
P1571 *southerni* (Cernosvitov, 1937)  
P1572 *spicula* (Leuckart, 1847)  
P1573 *sublitoralis* Erséus, 1976  
P1574 *subterranea* (Knöllner, 1935)
- Synonym: *Fridericia pseudargentea* Knöllner, 1935.  
Synonym: *Enchytraeus spiculus*.
- Synonym: *Michaelsena subterranea*. See note for *M. glandulifera* above.
- P1575 *Mesenchytraeus* Levinsen  
P1576 *armatus* (Levinsen, 1883)  
P1577 *Randidriulus* Coates & Erséus, 1985  
P1578 *westheidei* (Kossmagk-Stephan, 1983)
- Synonym: *Lumbricillus westheidei*.  
See Hussain & Knight-Jones (1989).
- P1579 **HIRUDINEA**  
P1580 **RHYNCHOBDELLIDA**  
P1581 **Piscicolidae**  
P1582 *Branchellion*  
P1583 *borealis* Leigh-Sharpe, 1933  
P1584 *torpedinis* Savigny, 1820  
P1585 *Brumptiana* Llewellyn & Knight-Jones, 1984

|       |                       |                                |  |
|-------|-----------------------|--------------------------------|--|
| P1586 | <i>lineata</i>        | Llewellyn & Knight-Jones, 1984 |  |
| P1587 | <i>Calliobdella</i>   | Beneden & Hesse, 1863          |  |
| P1588 | <i>lophii</i>         | Beneden & Hesse, 1863          |  |
| P1589 | <i>nodulifera</i>     | Malm, 1863                     |  |
| P1590 | <i>punctata</i>       | Beneden & Hesse, 1863          |  |
| P1591 | <i>Ganymedebdella</i> | Leigh-Sharpe, 1915             |  |
| P1592 | <i>cratere</i>        | Leigh-Sharpe, 1915             |  |
| P1593 | <i>Hemibdella</i>     |                                |  |
| P1594 | <i>soleae</i>         | Beneden & Hesse, 1863          |  |
| P1595 | <i>Heptacyclus</i>    |                                |  |
| P1596 | <i>myoxocephali</i>   | Srivastava, 1966               |  |
| P1597 | <i>Janusion</i>       |                                |  |
| P1598 | <i>scorpii</i>        | (Malmgren)                     |  |
| P1599 | <i>Malmiana</i>       |                                |  |
| P1600 | <i>brunnea</i>        | (Johansson, 1929)              |  |
| P1601 | <i>bubali</i>         | Srivastava, 1966               |  |
| P1602 | <i>yorki</i>          | Srivastava, 1966               |  |
| P1603 | <i>Oceanobdella</i>   |                                |  |
| P1604 | <i>blennii</i>        | Knight-Jones, 1940             |  |
| P1605 | <i>microstoma</i>     | (Johansson, 1929)              |  |
| P1606 | <i>sexoculata</i>     | (Malm)                         |  |
| P1607 | <i>Piscicola</i>      |                                |  |
| P1608 | <i>geometra</i>       | (Linnaeus)                     | Holarctic in freshwater, and on <i>Pleuronectes platessa</i> and <i>Myoxocephalus</i> in the Baltic. |
| P1609 | <i>Platybdella</i>    |                                |  |
| P1610 | <i>anarrhichae</i>    | (Diesing)                      |  |
| P1611 | <i>Pontobdella</i>    |                                |  |
| P1612 | <i>muricata</i>       | (Linnaeus, 1758)               |  |
| P1613 | <i>vosmaeri</i>       | Apathy, 1888                   |  |
| P1614 | <i>Pterobdellina</i>  |                                |  |
| P1615 | <i>jenseni</i>        | Bennike & Bruun, 1939          | Off the Faeroe Islands, depth 400m.  |
| P1616 | <i>Sanguinothus</i>   |                                |  |
| P1617 | <i>pinnarum</i>       | Silva & Burdon-Jones, 1961     |  |
| P1618 | <i>Trachelobdella</i> | Diesing, 1950                  |  |
| P1619 | <i>lubrica</i>        | (Grube)                        | One doubtful North Sea record.   |

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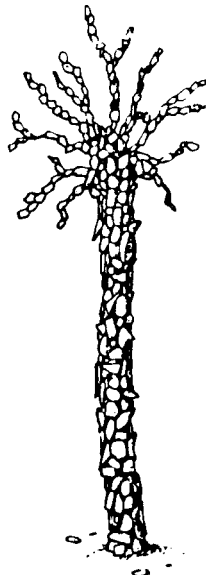


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# CHELICERATA

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## CHELICERATA

## INTRODUCTION

The phylum Chelicerata, although dominated by the terrestrial spiders, ticks and mites, also includes about 1,100 species of sea spiders (class Pycnogonida) and marine mites (family Halacaridae). Both the latter are represented in British waters and are covered in the checklist. The classification follows Arnaud & Bamber (1987) and Green & MacQuitty (1987).

The Pycnogonida are exclusively marine arthropods, forming a distinct class or sub-phylum presumed to have diverged from the chelicerate ancestral stock in the Cambrian. Three fossil species are known, all Devonian, only one of which is thought to be on the ancestral line of modern pycnogonids. The higher taxonomy of the living genera is conjectural; the presently accepted classification, derived from traditional morphological taxonomy but also considering the numerical taxonomic analysis of Fry (1978) accepts 9 families but no higher taxa (see Arnaud & Bamber, 1987, Appendix 2, for a review of the class). Of these families, the Ammotheidae is certainly polyphyletic, but the others appear stable for the British species at least.

Thirty-two species have been recorded from British waters within the 200m isobath, and the inshore species have been reviewed by King (1974, 1986). There is some controversy over the genus *Achelia*. Most European workers place *Achelia hispida* and *Achelia longipes* in the genus *Ammothella* and many synonymise the two species, although British material appears clearly distinct. *Ammothella hilgendorfi* is a recent immigrant, presumed to have been transported on a ship's hull (Bamber, 1985); a second ship's hull migrant, *Endeis picta* Bamber (1979) (= *E. straughani* Clark) is not known to have subsequently survived in the wild and is not included in the checklist. Some abyssal species may eventually be collected within the area concerned; *Colossendeis angusta* Sars is already recorded from 200m depth off the west coast of Ireland (Bamber, 1983). The deep-water pycnogonids of the north eastern Atlantic Ocean are comprehensively reviewed, with identification keys, by Bamber & Thurston (1995).

The halacarid mites, the only truly marine members of the Arachnida, occur commonly amongst seaweed in the intertidal and in deeper water. The family also contains a few fresh and brackish water species, and about 60 fully marine and brackish water mites are known from the area. Green and MacQuitty (1987) cover the identification of the British species.

## CLASSIFICATION

## Phylum CHELICERATA

## Class PYCNOGONIDA

|                               |     |
|-------------------------------|-----|
| Family Nymphonidae .....      | Q3  |
| Family Ammotheidae .....      | Q13 |
| Family Endeidae .....         | Q27 |
| Family Callipallenidae .....  | Q31 |
| Family Phoxichilidiidae ..... | Q41 |
| Family Pycnogonidae .....     | Q49 |

## Class ARACHNIDA

## Subclass ACARI

## Order ACARIFORMES

## Suborder PROSTIGMATA

|                                 |      |
|---------------------------------|------|
| Family Halacaridae .....        | Q56  |
| Subfamily Rhombognathinae ..... | Q57  |
| Subfamily Halacarinae .....     | Q76  |
| Subfamily Simognathinae .....   | Q124 |
| Subfamily Lohmannellinae .....  | Q128 |
| Subfamily Porohalacarinae ..... | Q135 |

Phylum CHELICERATA

|     |   |  |
|-----|---|--|
| Q1  | <b>CHELICERATA</b>                        |  |
| Q2  | <b>PYCNOGONIDA</b>                        | After Arnaud & Bamber (1987) and King (1986).  |
| Q3  | Nymphonidae                               |  |
| Q4  | <i>Nymphon</i> Fabricius, 1794            |  |
| Q5  | <i>brevirostre</i> Hodge, 1863            | Includes <i>N. rubrum</i> (Hodge, 1865) (Bamber, 1982).                                    |
| Q6  | <i>brevitarse</i> Kröyer, 1844            |  |
| Q7  | <i>gracile</i> Leach, 1814                |  |
| Q8  | <i>grossipes</i> Kröyer, 1844             |  |
| Q9  | <i>hirtum</i> (Fabricius, 1780)           |  |
| Q10 | <i>longitarse</i> Kröyer, 1844            |  |
| Q11 | <i>stroemi</i> Kröyer, 1844               |  |
| Q12 | <i>tenellum</i> G O Sars, 1888            | Includes <i>N. spinosissimum</i> (Cranmer, 1982).  |
| Q13 | Ammotheidae                               |  |
| Q14 | <i>Achelia</i> Hodge, 1864                |  |
| Q15 | <i>echinata</i> Hodge, 1864               |  |
| Q16 | <i>hispida</i> Hodge, 1864                | Synonym: <i>Ammothella hispida</i> (auctt.).   |
| Q17 | <i>laevis</i> Hodge, 1864                 |  |
| Q18 | <i>longipes</i> (Hodge, 1864)             | Synonym: <i>Ammothella longipes</i> (auctt.).  |
| Q19 | <i>simplex</i> (Giltay, 1934)             |  |
| Q20 | <i>vulgaris</i> (Costa, 1861)             |  |
| Q21 | <i>Ammothea</i> Leach, 1814               |  |
| Q22 | <i>hilgendorfi</i> (Böhm, 1879)           |  |
| Q23 | <i>Paranymphon</i> Caullery, 1896         |  |
| Q24 | <i>spinosum</i> Caullery, 1896            | Normally deeper water but recorded at 90 - 117 m in the S. Celtic Sea.                     |
| Q25 | <i>Tanystylum</i> Miers, 1879             |  |
| Q26 | <i>conirostre</i> (Dohrn, 1881)           |  |
| Q27 | Endeidae                                  |  |
| Q28 | <i>Endeis</i> Philippi, 1843              |  |
| Q29 | <i>charybdaea</i> (Dohrn, 1881)           | Includes <i>E. spinosa</i> of King (1974) (Krapp, 1975).                                   |
| Q30 | <i>spinosa</i> (Montagu, 1808)            | Synonym: <i>E. laevis</i> Grube, 1871.   |
| Q31 | Callipallenidae                           |  |
| Q32 | <i>Callipallene</i> Flynn, 1929           |  |
| Q33 | <i>brevirostris</i> (Johnston, 1837)      |  |
| Q34 | <i>emaciata</i> (Dohrn, 1881)             |  |
| Q35 | <i>phantoma</i> (Dohrn, 1881)             |  |
| Q36 | <i>producta</i> (G O Sars, 1888)          |  |
| Q37 | <i>spectrum</i> (Dohrn, 1881)             |  |
| Q38 | <i>tiberi</i> (Dohrn, 1881)               |  |
| Q39 | <i>Pseudopallene</i> Wilson, 1878         |  |
| Q40 | <i>circularis</i> (Goodsir, 1842)         |  |
| Q41 | Phoxichilidiidae                          |  |
| Q42 | <i>Anoplodactylus</i> Wilson, 1878        |  |
| Q43 | <i>angulatus</i> (Dohrn, 1881)            |  |
| Q44 | <i>petiolatus</i> (Kröyer, 1844)          |  |
| Q45 | <i>pygmaeus</i> (Hodge, 1864)             | Synonym: <i>Phoxichilidium virescens</i> (auctt.).   |
| Q46 | <i>virescens</i> (Hodge, 1864)            |  |
| Q47 | <i>Phoxichilidium</i> Milne-Edwards, 1840 |  |
| Q48 | <i>femoratum</i> (Rathke, 1799)           | Includes <i>P. tubulariae</i> Lebour, 1947.  |
| Q49 | Pycnogonidae                              |  |
| Q50 | <i>Pycnogonum</i> Brunnich, 1764          |  |
| Q51 | <i>littorale</i> (Ström, 1762)            |  |
| Q52 | <b>ARACHNIDA</b>                          | After Green & MacQuitty (1987).  |
| Q53 | <b>ACARI</b>                              |  |
| Q54 | <b>ACARIFORMES</b>                        |  |
| Q55 | <b>PROSTIGMATA</b>                        |  |
| Q56 | Halacaridae                               |  |
| Q57 | Rhombognathinae                           |  |
| Q58 | <i>Isobactrus</i> Newell, 1947            |  |
| Q59 | <i>levis</i> (Viets, 1927)                |  |
| Q60 | <i>setosus</i> (Lohmann, 1889)            |  |
| Q61 | <i>ungulatus</i> Bartsch, 1975            |  |
| Q62 | <i>uniscutatus</i> (Viets, 1939)          |  |
| Q63 | <i>Metarhombognathus</i> Newell, 1947     |  |
| Q64 | <i>armatus</i> (Lohmann, 1893)            |  |
| Q65 | <i>nudus</i> (Viets, 1928)                |  |
| Q66 | <i>Rhombognathides</i> Viets, 1927        |  |
| Q67 | <i>merrimani</i> Newell, 1947             |  |
| Q68 | <i>mucronatus</i> (Viets, 1927)           |  |
| Q69 | <i>pascens</i> (Lohmann, 1889)            |  |
| Q70 | <i>seahami</i> (Hodge, 1860)              |  |
| Q71 | <i>spinipes</i> (Viets, 1933)             |  |
| Q72 | <i>trionyx</i> Trouessart                 |  |
| Q73 | <i>Rhombognathus</i> Trouessart, 1888     |  |
| Q74 | <i>notops</i> (Gosse, 1855)               |  |
| Q75 | <i>subtilis</i> Bartsch, 1975             |  |
| Q76 | Halacarinae                               |  |
| Q77 | <i>Agauae</i> Lohman, 1889                |  |
| Q78 | <i>chevreuxi</i> (Trouessart, 1889)       | In the British Isles known only in the Chesil Fleet, Dorset (Bamber <i>et al.</i> , 1990). |
| Q79 | <i>Agauopsis</i> Viets, 1927              |  |
| Q80 | <i>brevipalpus</i> (Trouessart, 1889)     |  |
| Q81 | <i>tricuspis</i> Benard, 1962             |  |
| Q82 | <i>Anomalohalacarus</i> Newell, 1949      |  |
| Q83 | <i>acnemus</i> Bartsch, 1985              |  |
| Q84 | <i>anomalus</i> (Trouessart, 1894)        |  |
| Q85 | <i>intermedius</i> Bartsch, 1976          |  |
| Q86 | <i>marcandrei</i> Monniot, 1967           |  |

|      |                        |                    |
|------|------------------------|--------------------|
| Q87  | <i>minutus</i>         | Bartsch, 1976      |
| Q88  | <i>poizati</i>         | Bartsch, 1985      |
| Q89  | <i>Arhodeoporus</i>    | Newell, 1947       |
| Q90  | <i>gracilipes</i>      | (Trouessart, 1889) |
| Q91  | <i>minor</i>           | Bartsch, 1977      |
| Q92  | <i>Coloboceras</i>     | Trouessart, 1889   |
| Q93  | <i>drachi</i>          | Monniot, 1962      |
| Q94  | <i>Copidognathus</i>   | Trouessart, 1888   |
| Q95  | <i>brevirostris</i>    | Viets, 1927        |
| Q96  | <i>dentatus</i>        | Viets, 1940        |
| Q97  | <i>fabricii</i>        | (Lohmann, 1889)    |
| Q98  | <i>gibbus</i>          | (Trouessart, 1889) |
| Q99  | <i>granulatus</i>      | (Hodge, 1863)      |
| Q100 | <i>hartwigi</i>        | Bartsch, 1979      |
| Q101 | <i>lamellosus</i>      | (Lohmann, 1893)    |
| Q102 | <i>latisetus</i>       | Viets, 1940        |
| Q103 | <i>loricifer</i>       | Andre, 1946        |
| Q104 | <i>oculatus</i>        | (Hodge, 1863)      |
| Q105 | <i>remipes</i>         | (Trouessart, 1894) |
| Q106 | <i>reticulatus</i>     | (Trouessart, 1893) |
| Q107 | <i>rhodostigma</i>     | (Gosse, 1855)      |
| Q108 | <i>septentrionalis</i> | (Halbert, 1915)    |
| Q109 | <i>stevcici</i>        | Bartsch, 1976      |
| Q110 | <i>tectirostris</i>    | Bartsch, 1979      |
| Q111 | <i>Halacarus</i>       | Gosse, 1855        |
| Q112 | <i>actenos</i>         | Trouessart, 1889   |
| Q113 | <i>bisulcus</i>        | Vies, 1927         |
| Q114 | <i>ctenopus</i>        | Gosse, 1855        |
| Q115 | <i>Thalassarachna</i>  | Packard, 1871      |
| Q116 | <i>baltica</i>         | (Lohmann, 1889)    |
| Q117 | <i>basteri</i>         | (Johnston, 1836)   |
| Q118 | <i>capuzina</i>        | (Lohmann, 1893)    |
| Q119 | <i>petiti</i>          | (Angelier, 1950)   |
| Q120 | <i>procera</i>         | (Viets, 1927)      |
| Q121 | <i>southerni</i>       | (Halbert, 1915)    |
| Q122 | <i>striata</i>         | (Lohmann, 1889)    |
| Q123 | <i>subterranea</i>     | (Schulz, 1933)     |
| Q124 | Simognathinae          |                    |
| Q125 | <i>Simognathus</i>     | Trouessart, 1889   |
| Q126 | <i>leiomerus</i>       | (Trouessart, 1894) |
| Q127 | <i>minutus</i>         | (Hodge, 1863)      |
| Q128 | Lohmannellinae         |                    |
| Q129 | <i>Lohmannella</i>     | Trouessart, 1901   |
| Q130 | <i>falcata</i>         | (Hodge, 1863)      |
| Q131 | <i>kervillei</i>       | (Trouessart, 1894) |
| Q132 | <i>Scaptognathus</i>   | Trouessart, 1889   |
| Q133 | <i>tridens</i>         | Trouessart, 1889   |
| Q134 | <i>trouessarti</i>     | Halbert, 1915      |
| Q135 | Porohalacarinae        |                    |
| Q136 | <i>Caspihalacarus</i>  | Viets, 1928        |
| Q137 | <i>hyrcanus</i>        | Viets, 1928        |



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## CRUSTACEA

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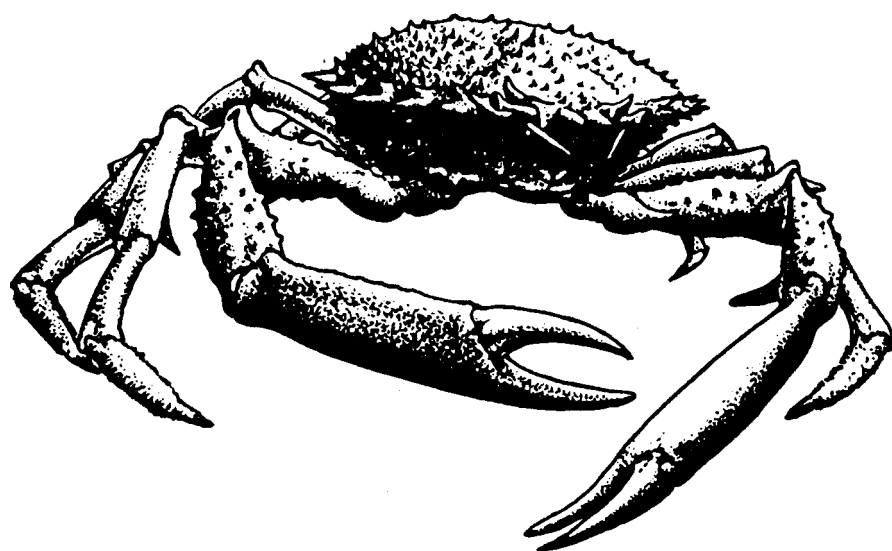
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# CRUSTACEA

## INTRODUCTION

The phylum Crustacea is primarily marine, although a few species occur in freshwater and on land, and a number have become parasitic in mode. There are over 2000 species within the area, forming a major component of both the planktonic and benthic meio- and macrofauna around our coasts. The systematics of the phylum are in considerable flux, particularly within some of the less well known groups such as the parasitic and interstitial copepods, although relationships of the major divisions have undergone recent re-appraisal (see, for example, Manton, 1973; Schram, 1983). The classification used here generally follows Bowman and Abele (1982), although families have in the most part been listed in taxonomic order following recent major works, as indicated in the annotations.

A number of recent publications dealing with the Malacostraca have greatly eased the identification of the British species. However, certain groups, such as the hyperiid amphipods and non-littoral and parasitic isopods, would benefit from a review of those species occurring around the British Isles. Others, in particular decapods other than the Caridea and Brachyura, and the caprellid amphipods, require a revision of the entire group, incorporating recent taxonomic and distributional changes. The malacostracan checklist has been compiled from several sources; these are shown in the annotations.

The planktonic Copepoda are a well worked group. The checklist is drawn from a number of sources, as shown, and includes species which occur only or predominantly outside the limits of the area, in deeper water. The Harpacticoida are likely to undergo substantial taxonomic and distributional changes in the future. The present list is derived from Lang's monograph (1948) with some recent additions and alterations. A three volume synopsis of the European Harpacticoida is in preparation by Dr M. Gee of the Plymouth Marine Laboratory and Dr R. Huys of the Natural History Museum, who have provided advice and additional entries. The Ostracoda have undergone many recent systematic changes (eg. Horne and Whittaker, 1985) but the list has been compiled from a number of faunal rather than taxonomic studies and would benefit from a full taxonomic revision.

This list was originally compiled by D.W. Connor, Mark Holmes is author of the Copepoda section and co-author with Mark Costello of the Amphipoda. The authors would like to acknowledge important contributions from David Holdich (Tanaids), Ray Ingle (Decapoda), Myles O'Reilly (Copepoda) and Geoff Moore (Amphipoda).

## CLASSIFICATION

Phylum **CRUSTACEA**

Class **BRANCHIOPODA**

Order **ONYCHOPODA**

Family **Podonidae** ..... R4

Class **MAXILLOPODA**

Subclass **CIRRIPEDIA**

Order **THORACICA**

Suborder **LEPADOMORPHA**

Family **Scalpellidae** ..... R17

Family **Lepadidae** ..... R24

Suborder **VERRUCOMORPHA**

Family **Verrucidae** ..... R39

Suborder **BALANOMORPHA**

Superfamily **CHTHAMALOIDEA**

Family **Chthamalidae** ..... R44

Superfamily **CORONULOIDEA**

Family **Coronulidae** ..... R49

Superfamily **BALANOIDEA**

Family **Tetraclitidae** ..... R60

Family **Archaeobalanidae** ..... R63

Family **Balanidae** ..... R73

Family **Pyrgomatidae** ..... R83

Order **ACROTHORACICA**

Suborder **APYGOPHORA**

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|          |  |      |
|----------|--|------|
|          | Family <i>Trypetesidae</i> .....       | R88  |
| Order    | <b>RHIZOCEPHALA</b>                    |      |
|          | Family <i>Peltogastridae</i> .....     | R92  |
|          | Family <i>Lernaeodiscidae</i> .....    | R107 |
|          | Family <i>Sacculinidae</i> .....       | R117 |
|          | Family <i>Chthamalophilidae</i> .....  | R127 |
|          | Family <i>Sylonidae</i> .....          | R132 |
|          | Family <i>Clistosaccidae</i> .....     | R135 |
| Subclass | <b>TANTULOCARIDA</b>                   |      |
|          | Family <i>Microdajidae</i> .....       | R139 |
| Subclass | <b>COPEPODA</b>                        |      |
| Order    | <b>PLATYCOPIOIDA</b>                   |      |
|          | Family <i>Platycopiidae</i> .....      | R144 |
| Order    | <b>CALANOIDA</b>                       |      |
|          | Superfamily <b>PSEUDOCYCLOPOIDEA</b>   |      |
|          | Family <i>Pseudocyclopidae</i> .....   | R150 |
|          | Superfamily <b>AUGAPTILOIDEA</b>       |      |
|          | Family <i>Augaptilidae</i> .....       | R155 |
|          | Family <i>Arietellidae</i> .....       | R209 |
|          | Family <i>Phyllopidae</i> .....        | R225 |
|          | Family <i>Heterorhabdidae</i> .....    | R231 |
|          | Family <i>Lucicutiidae</i> .....       | R251 |
|          | Family <i>Metridinidae</i> .....       | R269 |
|          | Superfamily <b>CENTROPAGOIDEA</b>      |      |
|          | Family <i>Centropagidae</i> .....      | R285 |
|          | Family <i>Temoridae</i> .....          | R297 |
|          | Family <i>Candaciidae</i> .....        | R308 |
|          | Family <i>Pontellidae</i> .....        | R319 |
|          | Family <i>Parapontellidae</i> .....    | R336 |
|          | Family <i>Acartiidae</i> .....         | R339 |
|          | Superfamily <b>MEGACALANOIDEA</b>      |      |
|          | Family <i>Megacalanidae</i> .....      | R350 |
|          | Family <i>Calanidae</i> .....          | R356 |
|          | Family <i>Calocalanidae</i> .....      | R370 |
|          | Family <i>Paracalanidae</i> .....      | R378 |
|          | Family <i>Mecynoceridae</i> .....      | R383 |
|          | Superfamily <b>BATHYPONTIOIDEA</b>     |      |
|          | Family <i>Bathypontiidae</i> .....     | R387 |
|          | Superfamily <b>EUCALANOIDEA</b>        |      |
|          | Family <i>Eucalanidae</i> .....        | R391 |
|          | Superfamily <b>SPINOCALANOIDEA</b>     |      |
|          | Family <i>Spinocalanidae</i> .....     | R400 |
|          | Superfamily <b>CLAUSOCALANOIDEA</b>    |      |
|          | Family <i>Clausocalanidae</i> .....    | R413 |
|          | Family <i>Aetideidae</i> .....         | R427 |
|          | Family <i>Euchaetidae</i> .....        | R491 |
|          | Family <i>Stephidae</i> .....          | R511 |
|          | Family <i>Diaixidae</i> .....          | R520 |
|          | Family <i>Tharybidae</i> .....         | R524 |
|          | Family <i>Pseudocyclopiidae</i> .....  | R530 |
|          | Family <i>Phaennidae</i> .....         | R537 |
|          | Family <i>Scolecitrichidae</i> .....   | R573 |
| Order    | <b>MISOPHRIOIDA</b>                    |      |
|          | Family <i>Misophriidae</i> .....       | R614 |
| Order    | <b>CYCLOPOIDA</b>                      |      |
|          | Family <i>Oithonidae</i> .....         | R618 |
|          | Family <i>Thespesiopsyllidae</i> ..... | R628 |
|          | Family <i>Cyclopinidae</i> .....       | R631 |
|          | Family <i>Cyclopidae</i> .....         | R663 |
|          | Family <i>Notodelphyidae</i> .....     | R678 |

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|--|-------|
| Family <b>Ascidicolidae</b> .....          | R729  |
| Subfamily <b>Ascidicolinae</b> .....       | R730  |
| Subfamily <b>Buprorinae</b> .....          | R735  |
| Subfamily <b>Enterocolinae</b> .....       | R738  |
| Subfamily <b>Enteropsinae</b> .....        | R750  |
| Subfamily <b>Haplostominae</b> .....       | R757  |
| Subfamily <b>Botryllophilinae</b> .....    | R767  |
| Subfamily <b>Enterognathinae</b> .....     | R774  |
| Order <b>MORMONILLOIDA</b>                 |       |
| Family <b>Mormonillidae</b> .....          | R781  |
| Order <b>HARPACTICOIDA</b>                 |       |
| Suborder <b>POLYARTHRA</b>                 |       |
| Family <b>Longipediidae</b> .....          | R787  |
| Family <b>Canuellidae</b> .....            | R793  |
| Suborder <b>OLIGOARTHRA</b>                |       |
| Family <b>Cerviniidae</b> .....            | R804  |
| Family <b>Aegisthidae</b> .....            | R815  |
| Family <b>Ectinosomatidae</b> .....        | R820  |
| Family <b>Neobradylidae</b> .....          | R921  |
| Family <b>Darcythompsoniidae</b> .....     | R927  |
| Family <b>Euterpinidae</b> .....           | R938  |
| Family <b>Tachidiidae</b> .....            | R941  |
| Family <b>Thompsonulidae</b> .....         | R950  |
| Family <b>Harpacticidae</b> .....          | R953  |
| Family <b>Tisbidae</b> .....               | R974  |
| Subfamily <b>Tisbinae</b> .....            | R975  |
| Subfamily <b>Cholidyinae</b> .....         | R1004 |
| Subfamily <b>Idyanthinae</b> .....         | R1008 |
| Family <b>Porcellidiidae</b> .....         | R1026 |
| Family <b>Peltidiidae</b> .....            | R1034 |
| Family <b>Clytemnestridae</b> .....        | R1045 |
| Family <b>Tegastidae</b> .....             | R1049 |
| Family <b>Thalestridae</b> .....           | R1061 |
| Subfamily <b>Thalestrinae</b> .....        | R1062 |
| Subfamily <b>Rhynchothalestrinae</b> ..... | R1083 |
| Subfamily <b>Dactylopusiinae</b> .....     | R1087 |
| Subfamily <b>Pseudotachidiinae</b> .....   | R1114 |
| Subfamily <b>Donsiellinae</b> .....        | R1128 |
| Family <b>Ambunguipedidae</b> .....        | R1132 |
| Family <b>Balaenophilidae</b> .....        | R1135 |
| Family <b>Parastenheliidae</b> .....       | R1138 |
| Family <b>Diosaccidae</b> .....            | R1144 |
| Family <b>Metidae</b> .....                | R1280 |
| Family <b>Ameiridae</b> .....              | R1283 |
| Subfamily <b>Ameirinae</b> .....           | R1284 |
| Subfamily <b>Stenocopiinae</b> .....       | R1372 |
| Family <b>Paramesochridae</b> .....        | R1381 |
| Subfamily <b>Paramesochrinae</b> .....     | R1382 |
| Subfamily <b>Diarthrodellinae</b> .....    | R1430 |
| Family <b>Tetragonicipitidae</b> .....     | R1436 |
| Family <b>Canthocamptidae</b> .....        | R1453 |
| Family <b>Orthopsyllidae</b> .....         | R1495 |
| Family <b>Leptastacidae</b> .....          | R1499 |
| Family <b>Cylindropsyllidae</b> .....      | R1525 |
| Subfamily <b>Cylindropsyllinae</b> .....   | R1526 |
| Subfamily <b>Leptopontiinae</b> .....      | R1545 |
| Subfamily <b>Psammosyllinae</b> .....      | R1553 |
| Family <b>Parastenocarididae</b> .....     | R1556 |
| Family <b>Cletodidae</b> .....             | R1560 |
| Family <b>Paranannopidae</b> .....         | R1585 |

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|--|-------|
| Family <b>Huntemanniidae</b> .....     | R1607 |
| Family <b>Rhizotrichidae</b> .....     | R1621 |
| Family <b>Argestidae</b> .....         | R1633 |
| Family <b>Laophontidae</b> .....       | R1667 |
| Family <b>Laophontopsidae</b> .....    | R1752 |
| Family <b>Normanellidae</b> .....      | R1755 |
| Family <b>Ancorabolidae</b> .....      | R1763 |
| Subfamily <b>Ancorabolinae</b> .....   | R1764 |
| Subfamily <b>Laophontodinae</b> .....  | R1777 |
| Family <b>Adenopleurellidae</b> .....  | R1784 |
| <b>Order POECILOSTOMATOIDA</b>         |       |
| Family <b>Ergasilidae</b> .....        | R1788 |
| Family <b>Octopicolidae</b> .....      | R1794 |
| Family <b>Rhynchomolgidae</b> .....    | R1797 |
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| Family <b>Majidae</b> .....             | S1512 |
| Subfamily <b>Majinae</b> .....          | S1513 |
| Subfamily <b>Oregoniinae</b> .....      | S1516 |
| Subfamily <b>Inachinae</b> .....        | S1520 |
| Subfamily <b>Pisinae</b> .....          | S1534 |
| Superfamily <b>PARTHENOPOIDEA</b>       |       |
| Family <b>Parthenopidae</b> .....       | S1544 |
| Subfamily <b>Parthenopinae</b> .....    | S1545 |
| Section <b>CANCRIDEA</b>                |       |
| Superfamily <b>CANCROIDEA</b>           |       |
| Family <b>Corystidae</b> .....          | S1550 |
| Family <b>Atelecyclidae</b> .....       | S1553 |
| Family <b>Thiidae</b> .....             | S1557 |
| Family <b>Pirimelidae</b> .....         | S1560 |
| Family <b>Cancridae</b> .....           | S1563 |
| Section <b>BRACHYRHYNCHA</b>            |       |
| Superfamily <b>PORTUNOIDEA</b>          |       |
| Family <b>Portunidae</b> .....          | S1569 |
| Subfamily <b>Portuninae</b> .....       | S1570 |
| Subfamily <b>Polybiinae</b> .....       | S1573 |
| Subfamily <b>Carcininae</b> .....       | S1592 |
| Family <b>Geryonidae</b> .....          | S1599 |
| Superfamily <b>XANTHOIDEA</b>           |       |
| Family <b>Goneplacidae</b> .....        | S1603 |
| Subfamily <b>Goneplacinae</b> .....     | S1604 |
| Family <b>Xanthidae</b> .....           | S1607 |
| Superfamily <b>GRAPSIDOIDEA</b>         |       |
| Family <b>Grapsidae</b> .....           | S1622 |
| Subfamily <b>Grapsinae</b> .....        | S1623 |
| Subfamily <b>Varuninae</b> .....        | S1628 |
| Superfamily <b>PINNOTHEROIDEA</b>       |       |
| Family <b>Pinnotheridae</b> .....       | S1634 |
| Subfamily <b>Pinnotherinae</b> .....    | S1635 |
| Subfamily <b>Asthenognathinae</b> ..... | S1639 |

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Phylum CRUSTACEA

- R1 CRUSTACEA  
R2 BRANCHIOPODA  
R3 ONYCHOPODA Follows Fryer (1987).  
R4 Podonidae  
R5 *Evadne* Lovén, 1836  
R6 *nordmanni* Lovén, 1836  
R7 *spinifera* P E Müller, 1867  
R8 *tergestina* Claus  
R9 *Podon* Liljeborg, 1853  
R10 *intermedius* Liljeborg, 1853  
R11 *leuckarti* G O Sars, 1862  
R12 *polyphemoides* (Leuckart, 1859)  
R13 MAXILLOPODA  
R14 CIRRIPIEDIA Follows Bassindale (1964).  
R15 THORACICA  
R16 LEPADOMORPHA  
R17 Scalpellidae  
R18 *Mitella* Oken, 1815  
R19 *pollicipes* (Gmelin, 1789)  
R20 *Scalpellum* Leach, 1817  
R21 *kempii* Annandale, 1911  
R22 *scalpellum* (Linnaeus, 1767)  
R23 *velutinum* Hoek, 1883  
R24 Lepadidae  
R25 *Alepas* Sander Rang, 1829  
R26 *parasita* Sander Rang, 1829  
R27 *Anelasma* Darwin, 1851  
R28 *squalicola* (Lovén, 1844)  
R29 *Conchoderma* Olfers, 1814  
R30 *auritum* (Linnaeus, 1767)  
R31 *virgatum* (Spengler, 1790)  
R32 *Lepas* Linnaeus, 1767  
R33 *anatifera* Linnaeus, 1767  
R34 *anserifera* Linnaeus, 1767  
R35 *fascicularis* Ellis & Solander, 1786  
R36 *hilli* (Leach, 1818)  
R37 *pectinata* Spengler, 1793  
R38 VERRUCOMORPHA  
R39 Verrucidae  
R40 *Verruca* Schumacher, 1817  
R41 *stroemia* (O F Müller, 1776)  
R42 BALANOMORPHA Follows Newman & Ross (1976).  
R43 CHTHAMALOIDEA  
R44 Chthamalidae  
R45 *Chthamalus* Ranzani, 1820  
R46 *montagui* Southward, 1976  
R47 *stellatus* (Poli, 1791)  
R48 CORONULOIDEA  
R49 Coronulidae  
R50 *Coronula* Lamarck, 1802  
R51 *diadema* (Linnaeus, 1767)  
R52 *reginae* Darwin, 1854  
R53 *Platylepas* J E Gray, 1825  
R54 *hexastylus* (O. Fabricius, 1798) See O'Riordan (1979).  
R55 *Stomatolepas* Pilsbry, 1910  
R56 *elegans* (Costa, 1838) See Smaldon & Lyster (1976).  
R57 *Xenobalanus* Steenstrup, 1851  
R58 *globicipitis* Steenstrup, 1851  
R59 BALANOIDEA  
R60 Tetracitidae  
R61 *Acasta* Leach, 1817  
R62 *spongites* (Poli, 1791)  
R63 Archaeobalanidae  
R64 *Chirona* J E Gray, 1835  
R65 *amaryllis* (Darwin, 1854)  
R66 *hameri* (Ascanius, 1767)  
R67 *Elminius* Leach, 1825  
R68 *modestus* Darwin, 1854  
R69 *Semibalanus* Pilsbry, 1916  
R70 *balanoides* (Linnaeus, 1767)  
R71 *Solidobalanus* Hoek, 1913  
R72 *fallax* Broch, 1927 See Southward (1995).  
R73 Balanidae  
R74 *Balanus* Costa, 1778  
R75 *amphitrite* Darwin, 1854  
R76 *balanus* (Linnaeus, 1758)  
R77 *crenatus* Brugière, 1789  
R78 *improvisus* Darwin, 1854  
R79 *perforatus* Brugière, 1789  
R80 *spongicola* Brown, 1827  
R81 *Megabalanus* Hoek, 1913  
R82 *tintinnabulum* (Linnaeus, 1758)  
R83 Pyrgomatidae  
R84 *Boscia* Ferussac, 1822  
R85 *anglica* (Sowerby, 1823)  
R86 ACROTHORACICA  
R87 APYGOPHORA  
R88 Trypetesidae
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- R89 *Trypetesa* Norman, 1903  
R90 *lampas* (Hancock, 1849)  
R91 **RHIZOCEPHALA**  
R92 Peltogastridae  
R93 *Galatheascus* Boschma, 1929  
R94 *minutus* Boschma, 1933  
R95 *striatus* Boschma, 1929  
R96 *Gemmosaccus* Dubuscq, 1937  
R97 *sulcatus* (Liljeborg, 1859)  
R98 *Parthenopea*  
R99 *subterranea* Kossmann  
R100 *Peltogaster* Rathke, 1842  
R101 *curvatus* (Kossmann, 1874)  
R102 *paguri* Rathke, 1842  
R103 *Peltogastrella*  
R104 *sulcata* (Liljeborg, 1859)  
R105 *Septosaccus*  
R106 *rodriguezi* (Fraisie, 1876)  
R107 Lernaediscidae  
R108 *Lernaediscus*  
R109 *ingolfi* Boschma  
R110 *squamiferae* Perez  
R111 *Tortugaster*  
R112 *boschmai* (Brinkmann, 1936)  
R113 *Triangulus*  
R114 *galatheae* (Norman & Scott, 1906)  
R115 *munidae* (G.W. Smith, 1906)  
R116 *perezi* Veillet  
R117 Sacculinidae  
R118 *Drepanorchis* Boschma, 1927  
R119 *neglecta* (Fraisie, 1878)  
R120 *Sacculina* J.V. Thompson, 1836  
R121 *atlantica* Anderson  
R122 *bourdoni* Boschma, 1960  
R123 *carcini* J.V. Thompson, 1836  
R124 *gibbsi* Hesse  
R125 *gonoplaxae* Guérin-Ganivet, 1911  
R126 *inflata* Leuckart, 1859  
R127 Chthamalphilidae  
R128 *Boschmaella*  
R129 *balani* (Bocquet-Védrine)  
R130 *Chthamophilus* Bocquet-Védrine, 1957  
R131 *delagei* Bocquet-Védrine, 1957  
R132 Sylonidae  
R133 *Sylon*  
R134 *hippolytes* M. Sars, 1870  
R135 Clistosaccidae  
R136 *Clistosaccus*  
R137 *paguri* Liljeborg  
R138 **TANTULOCARIDA**  
R139 Microdajidae  
R140 *Microdajus* Greve, 1965  
R141 *langi* Greve, 1965  
R142 **COPEPODA**  
R143 **PLATYCOPIOIDA**  
R144 Platycopiidae  
R145 *Platycopia* G O Sars, 1911  
R146 *perplexa* G O Sars, 1911  
R147 *pygmaea* G O Sars, 1919  
R148 **CALANOIDA**  
R149 PSEUDOCYCLOPOIDEA  
R150 Pseudocyclopidae  
R151 *Pseudocyclops* Brady, 1872  
R152 *crassiremis* Brady, 1873  
R153 *obtusatus* Brady & Robertson, 1873  
R154 AUGAPTILOIDEA  
R155 Augaptilidae  
R156 *Augaptilina* G O Sars, 1920  
R157 *scopifera* G O Sars, 1920  
R158 *Augaptilus* Giesbrecht, 1889  
R159 *anceps* Farran, 1908  
R160 *glacialis* G O Sars, 1900  
R161 *longicaudatus* (Claus, 1863)  
R162 *megalurus* Giesbrecht, 1889  
R163 *spinifrons* G O Sars, 1907  
R164 *Centraugaptilus* G O Sars, 1920  
R165 *cucullatus* (G O Sars, 1905)  
R166 *horridus* (Farran, 1908)  
R167 *rattrayi* (T Scott, 1893)  
R168 *Euaugaptilus* G O Sars, 1920  
R169 *affinis* G O Sars, 1920  
R170 *angustus* (G O Sars, 1905)  
R171 *bullifer* (Giesbrecht, 1892)  
R172 *clavatus* (G O Sars, 1907)  
R173 *digitatus* G O Sars, 1920  
R174 *elongatus* (G O Sars, 1905)  
R175 *facilis* (Farran, 1908)  
R176 *filigerus* (Claus, 1863)  
R177 *gibbus* (Wolfenden, 1904)

Follows Bourdon (1963) and Boschma (1933).

Synonym: *Chlorogaster* Dubuscq 1912.

Roscoff (Bourdon 1963).

Roscoff (Bourdon 1980).

Roscoff (Bourdon 1980).

Roscoff (Bourdon 1980).

Synonym: *Sacculina gerbei* Bonnier, 1887

See Nagabhushanum (1958).

Roscoff (Bourdon 1963).

Parasites of other Crustacea; mostly found in deep water but one species known from shallow water in the British Isles.

Firth of Clyde and Lynn of Lorn (Boxshall & Lincoln, 1987).  
See Huys & Boxshall (1991).

Follows Mauchline (1988).

|      |                       |                    |  |
|------|-----------------------|--------------------|--|
| R178 | <i>hecticus</i>       | (Giesbrecht, 1889) |  |
| R179 | <i>humilis</i>        | Farran, 1926       |  |
| R180 | <i>laticeps</i>       | (G O Sars, 1905)   |  |
| R181 | <i>magnus</i>         | (Wolfenden, 1904)  |  |
| R182 | <i>nodifrons</i>      | (G O Sars, 1905)   |  |
| R183 | <i>oblongus</i>       | (G O Sars, 1905)   |  |
| R184 | <i>palumboi</i>       | (Giesbrecht, 1892) |  |
| R185 | <i>penicillatus</i>   | G O Sars, 1920     |  |
| R186 | <i>similis</i>        | (Farran, 1908)     |  |
| R187 | <i>squamatus</i>      | (Giesbrecht, 1889) |  |
| R188 | <i>truncatus</i>      | (G O Sars, 1905)   |  |
| R189 | <i>Haloptilus</i>     | Giesbrecht, 1898   |  |
| R190 | <i>acutifrons</i>     | (Giesbrecht, 1892) |  |
| R191 | <i>angusticeps</i>    | G O Sars, 1907     |  |
| R192 | <i>bulliceps</i>      | Farran, 1905       |  |
| R193 | <i>fons</i>           | Farran, 1908       |  |
| R194 | <i>longicornis</i>    | (Claus, 1863)      |  |
| R195 | <i>mucronatus</i>     | (Claus, 1863)      |  |
| R196 | <i>ornatus</i>        | (Giesbrecht, 1892) |  |
| R197 | <i>plumosus</i>       | (Claus, 1863)      |  |
| R198 | <i>spiniceps</i>      | (Giesbrecht, 1892) |  |
| R199 | <i>tenuis</i>         | Farran, 1908       |  |
| R200 | <i>validus</i>        | G O Sars, 1920     |  |
| R201 | <i>Heteroptilus</i>   | G O Sars, 1920     |  |
| R202 | <i>acutilobus</i>     | (G O Sars, 1905)   |  |
| R203 | <i>attenuatus</i>     | (G O Sars, 1905)   |  |
| R204 | <i>Pachyptilus</i>    | G O Sars, 1920     |  |
| R205 | <i>abbreviatus</i>    | (G O Sars, 1905)   |  |
| R206 | <i>eurygnathus</i>    | G O Sars, 1920     |  |
| R207 | <i>Pontoptilus</i>    | G O Sars, 1905     |  |
| R208 | <i>muticus</i>        | G O Sars, 1905     |  |
| R209 | Arietellidae          |                    |  |
| R210 | <i>Arietellus</i>     | Giesbrecht, 1892   |  |
| R211 | <i>giesbrechti</i>    | G O Sars, 1905     |  |
| R212 | <i>pavoninus</i>      | G O Sars, 1905     |  |
| R213 | <i>plumifer</i>       | G O Sars, 1905     |  |
| R214 | <i>setosus</i>        | Giesbrecht, 1892   |  |
| R215 | <i>simplex</i>        | G O Sars, 1905     |  |
| R216 | <i>Metacalanus</i>    | Clève, 1901        |  |
| R217 | <i>inaequicornis</i>  | (G.O. Sars, 1902)  | Synonym: <i>Scottula inaequicornis</i> |
| R218 | <i>Paramisophria</i>  | T Scott, 1897      |  |
| R219 | <i>cluthae</i>        | T Scott, 1897      |  |
| R220 | <i>spooneri</i>       | Krishnaswamy, 1959 |  |
| R221 | <i>Paraugaptilus</i>  | Wolfenden, 1904    |  |
| R222 | <i>buchani</i>        | Wolfenden, 1904    |  |
| R223 | <i>Sarsarietellus</i> | Campaner, 1984     |  |
| R224 | <i>abyssalis</i>      | (G O Sars, 1905)   | Synonym: <i>Scottula abyssalis</i>     |
| R225 | Phyllopidae           |                    |  |
| R226 | <i>Phyllopus</i>      | Brady, 1883        |  |
| R227 | <i>aequalis</i>       | G O Sars, 1920     |  |
| R228 | <i>bidentatus</i>     | Brady, 1883        |  |
| R229 | <i>helgae</i>         | Farran, 1908       |  |
| R230 | <i>impar</i>          | Farran, 1908       |  |
| R231 | Heterorhabdidae       |                    |  |
| R232 | <i>Disseta</i>        | Giesbrecht, 1889   |  |
| R233 | <i>palumboi</i>       | Giesbrecht, 1889   |  |
| R234 | <i>Hemirhabdus</i>    | Wolfenden, 1911    |  |
| R235 | <i>grimaldii</i>      | (Richard, 1893)    |  |
| R236 | <i>Heterorhabdus</i>  | Giesbrecht, 1892   |  |
| R237 | <i>abyssalis</i>      | (Giesbrecht, 1889) |  |
| R238 | <i>clausii</i>        | (Giesbrecht, 1889) |  |
| R239 | <i>compactus</i>      | (G O Sars, 1900)   |  |
| R240 | <i>norvegicus</i>     | (Boeck, 1872)      |  |
| R241 | <i>papilliger</i>     | (Claus, 1863)      |  |
| R242 | <i>robustus</i>       | Farran, 1908       |  |
| R243 | <i>spinifrons</i>     | (Claus, 1863)      |  |
| R244 | <i>vipera</i>         | (Giesbrecht, 1889) |  |
| R245 | <i>Heterostylites</i> | G O Sars, 1920     |  |
| R246 | <i>longicornis</i>    | (Giesbrecht, 1889) |  |
| R247 | <i>major</i>          | (Dahl, 1894)       |  |
| R248 | <i>Mesorhabdus</i>    | G O Sars, 1905     |  |
| R249 | <i>angustus</i>       | G O Sars, 1907     |  |
| R250 | <i>brevicaudatus</i>  | (Wolfenden, 1905)  |  |
| R251 | Lucicutiidae          |                    |  |
| R252 | <i>Isochaeta</i>      | Giesbrecht, 1898   |  |
| R253 | <i>ovalis</i>         | Giesbrecht, 1898   |  |
| R254 | <i>Lucicutia</i>      | Giesbrecht, 1898   |  |
| R255 | <i>atlantica</i>      | Wolfenden, 1904    |  |
| R256 | <i>clausi</i>         | (Giesbrecht, 1889) |  |
| R257 | <i>curta</i>          | Farran, 1905       |  |
| R258 | <i>flavicornis</i>    | (Claus, 1863)      |  |
| R259 | <i>gemina</i>         | Farran, 1926       |  |
| R260 | <i>grandis</i>        | (Giesbrecht, 1895) |  |
| R261 | <i>longicornis</i>    | (Giesbrecht, 1889) |  |
| R262 | <i>longiserrata</i>   | (Giesbrecht, 1892) |  |
| R263 | <i>lucida</i>         | Farran, 1908       |  |
| R264 | <i>macrocera</i>      | G O Sars, 1920     |  |
| R265 | <i>maxima</i>         | (Steuer, 1904)     |  |
| R266 | <i>ovalis</i>         | Wolfenden, 1911    |  |
| R267 | <i>simulans</i>       | G O Sars, 1920     |  |
| R268 | <i>tenuicauda</i>     | G O Sars, 1907     |  |

- R269 Metridinidae  
R270 *Metridia* Boeck, 1864  
R271 *brevicauda* Giesbrecht, 1889  
R272 *longa* (Lubbock, 1854)  
R273 *lucens* Boeck, 1864  
R274 *macrura* G O Sars, 1905  
R275 *princeps* Giesbrecht, 1889  
R276 *venusta* Giesbrecht, 1889  
R277 *Pleuromamma* Giesbrecht, 1898  
R278 *abdominalis* (Lubbock, 1856)  
R279 *borealis* (Dahl, 1893)  
R280 *gracilis* (Claus, 1863)  
R281 *piseki* Farran, 1929  
R282 *robusta* (Dahl, 1893)  
R283 *xiphias* (Giesbrecht, 1889)  
R284 CENTROPAGOIDEA  
R285 Centropagidae  
R286 *Centropages* Kröyer, 1848  
R287 *bradyi* Wheeler, 1899  
R288 *chierchiae* Giesbrecht, 1889  
R289 *hamatus* (Liljeborg, 1853)  
R290 *kroeyeri* Giesbrecht, 1892  
R291 *typicus* Kröyer, 1849  
R292 *violaceus* (Claus, 1863)  
R293 *Isias* Boeck, 1864  
R294 *clavipes* Boeck, 1864  
R295 *Limnocalanus* G O Sars, 1863  
R296 *grimaldii* (de Guerne, 1886)  
R297 Temoridae  
R298 *Eurytemora* Giesbrecht, 1881  
R299 *affinis* (Poppe, 1880)  
R300 *americana* L W Williams, 1906  
R301 *hirundo* Giesbrecht, 1881  
R302 *velox* (Liljeborg, 1853)  
R303 *Temora* Baird, 1850  
R304 *longicornis* (O F Müller, 1792)  
R305 *stylifera* (Dana, 1849)  
R306 *Temoropia* T Scott, 1893  
R307 *mayumbaensis* T Scott, 1893  
R308 Candaciidae  
R309 *Candacia* Dana, 1846  
R310 *armata* (Boeck, 1872)  
R311 *elongata* (Boeck, 1872)  
R312 *longimana* (Claus, 1863)  
R313 *norvegica* (Boeck, 1864)  
R314 *tenuimana* (Giesbrecht, 1889)  
R315 *varicans* (Giesbrecht, 1892)  
R316 *Paracandacia* Grice, 1963  
R317 *bispinosa* Claus, 1863  
R318 *simplex* (Giesbrecht, 1889)  
R319 Pontellidae  
R320 *Anomalocera* Templeton, 1837  
R321 *patersoni* Templeton, 1837  
R322 *Labidocera* Lubbock, 1853  
R323 *acutifrons* (Dana, 1849)  
R324 *brunescens* (Czerniavski, 1868)  
R325 *kroeyeri* (Brady, 1883)  
R326 *wollastoni* (Lubbock, 1857)  
R327 *Pontella* Dana, 1846  
R328 *atlantica* (H Milne-Edwards, 1840)  
R329 *lobiancoi* (Canu, 1888)  
R330 *mediterranea* (Claus, 1863)  
R331 *Pontellina* Dana, 1852  
R332 *plumata* (Dana, 1849)  
R333 *Pontellopsis* Brady, 1883  
R334 *regalis* (Dana, 1849)  
R335 *villosa* Brady, 1883  
R336 Parapontellidae  
R337 *Parapontella* Brady, 1872  
R338 *brevicornis* (Lubbock, 1857)  
R339 Acartiidae  
R340 *Acartia* Dana, 1846  
R341 *bifilosa* (Giesbrecht, 1881)  
R342 *clausii* Giesbrecht, 1889  
R343 *discaudata* (Giesbrecht, 1881)  
R344 *grani* (G O Sars, 1904)  
R345 *latisetosa* (Kricagin, 1873)  
R346 *lefevreae* Bradford, 1976  
R347 *longiremis* (Liljeborg, 1853)  
R348 *tonsa* Dana, 1849  
R349 MEGACALANOIDEA  
R350 Megacalanidae  
R351 *Bathycalanus* G O Sars, 1905  
R352 *princeps* (Brady, 1883)  
R353 *richardi* G O Sars, 1905  
R354 *Megacalanus* Wolfenden, 1904  
R355 *princeps* Wolfenden, 1904  
R356 Calanidae  
R357 *Calanoides* Brady, 1883  
R358 *carinatus* (Kröyer, 1849)  
R359 *Calanus* Leach, 1819

Synonym: *E. hirundooides* Nordqvist, 1888  
See Hamond (1973a).

Synonym: *B. bradyi* (Wolfenden, 1905)



|      |                         |                          |  |
|------|-------------------------|--------------------------|--|
| R360 | <i>finmarchicus</i>     | (Gunnerus, 1765)         |  |
| R361 | <i>helgolandicus</i>    | (Claus, 1863)            |  |
| R362 | <i>hyperboreus</i>      | Krøyer, 1838             |  |
| R363 | <i>minor</i>            | Claus, 1863              |  |
| R364 | <i>propinquus</i>       | Brady, 1883              |  |
| R365 | <i>Mesocalanus</i>      | Bradford & Jillett, 1974 |  |
| R366 | <i>tenuicornis</i>      | (Dana, 1849)             |  |
| R367 | <i>Neocalanus</i>       | G O Sars, 1925           |  |
| R368 | <i>gracilis</i>         | Dana, 1849               |  |
| R369 | <i>robustior</i>        | Giesbrecht, 1888         |  |
| R370 | Calocalanidae           |                          |  |
| R371 | <i>Calocalanus</i>      | Giesbrecht, 1888         |  |
| R372 | <i>contractus</i>       | Farran, 1926             |  |
| R373 | <i>pavo</i>             | (Dana, 1849)             |  |
| R374 | <i>pseudocontractus</i> | Bernard, 1958            |  |
| R375 | <i>styliremis</i>       | Giesbrecht, 1888         |  |
| R376 | <i>Ischnocalanus</i>    | Bernard, 1963            |  |
| R377 | <i>plumulosus</i>       | (Claus, 1863)            |  |
| R378 | Paracalanidae           |                          |  |
| R379 | <i>Paracalanus</i>      | Boeck, 1864              |  |
| R380 | <i>nanus</i>            | G O Sars, 1907           |  |
| R381 | <i>parvus</i>           | (Claus, 1863)            |  |
| R382 | <i>pygmaeus</i>         | (Claus, 1863)            |  |
| R383 | Mecynoceridae           |                          |  |
| R384 | <i>Mecynocera</i>       | I C Thompson, 1888       |  |
| R385 | <i>clausii</i>          | I C Thompson, 1888       |  |
| R386 | BATHYPONTIOIDEA         |                          |  |
| R387 | Bathypontiidae          |                          |  |
| R388 | <i>Bathypontia</i>      | G O Sars, 1905           |  |
| R389 | <i>elongata</i>         | G O Sars, 1905           |  |
| R390 | EUCALANOIDEA            |                          |  |
| R391 | Eucalanidae             |                          |  |
| R392 | <i>Eucalanus</i>        | Dana, 1852               |  |
| R393 | <i>attenuatus</i>       | (Dana, 1849)             |  |
| R394 | <i>crassus</i>          | Giesbrecht, 1888         |  |
| R395 | <i>elongatus</i>        | (Dana, 1849)             |  |
| R396 | <i>Rhinocalanus</i>     | Dana, 1852               |  |
| R397 | <i>cornutus</i>         | (Dana, 1849)             |  |
| R398 | <i>nasutus</i>          | Giesbrecht, 1888         |  |
| R399 | SPINOCALANOIDEA         |                          |  |
| R400 | Spinocalanidae          |                          |  |
| R401 | <i>Mimocalanus</i>      | Farran, 1908             |  |
| R402 | <i>cultrifer</i>        | Farran, 1908             |  |
| R403 | <i>nudus</i>            | Farran, 1908             |  |
| R404 | <i>Monacilla</i>        | G O Sars, 1905           |  |
| R405 | <i>tenera</i>           | G O Sars, 1907           |  |
| R406 | <i>typica</i>           | G O Sars, 1905           |  |
| R407 | <i>Spinocalanus</i>     | Giesbrecht, 1888         |  |
| R408 | <i>abyssalis</i>        | Giesbrecht, 1888         |  |
| R409 | <i>angusticeps</i>      | G O Sars, 1920           |  |
| R410 | <i>magnus</i>           | Wolfenden, 1904          |  |
| R411 | <i>spinus</i>           | Farran, 1908             |  |
| R412 | CLAUSOCALANOIDEA        |                          |  |
| R413 | Clausocalanidae         |                          |  |
| R414 | <i>Clausocalanus</i>    | Giesbrecht, 1888         |  |
| R415 | <i>arcuicornis</i>      | (Dana, 1849)             |  |
| R416 | <i>paululus</i>         | Farran, 1926             |  |
| R417 | <i>pergens</i>          | Farran, 1926             |  |
| R418 | <i>Ctenocalanus</i>     | Giesbrecht, 1888         |  |
| R419 | <i>vanus</i>            | Giesbrecht, 1888         |  |
| R420 | <i>Farrania</i>         | G O Sars, 1920           |  |
| R421 | <i>frigida</i>          | (Wolfenden, 1911)        | Synonym: <i>Drepanopsis frigidus</i> (Wolfenden, 1911).                  |
| R422 | <i>Microcalanus</i>     | G O Sars, 1901           |  |
| R423 | <i>pusillus</i>         | G O Sars, 1903           |  |
| R424 | <i>pygmaeus</i>         | (G O Sars, 1903)         | Synonymous with <i>M. pusillus</i> Sars, 1903 according to Evans (1985). |
| R425 | <i>Pseudocalanus</i>    | Boeck, 1872              |  |
| R426 | <i>elongatus</i>        | (Boeck, 1864)            |  |
| R427 | Aetideidae              |                          |  |
| R428 | <i>Aetideopsis</i>      | G O Sars, 1903           |  |
| R430 | <i>multiserrata</i>     | (Wolfenden, 1904)        |  |
| R431 | <i>rostrata</i>         | G O Sars, 1903           |  |
| R432 | <i>Aetideus</i>         | Brady, 1883              |  |
| R433 | <i>armatus</i>          | (Boeck, 1872)            | <i>Aetideus armatus</i> in Rose (1933).                                  |
| R434 | <i>Bradyetes</i>        | Farran, 1905             |  |
| R435 | <i>inermis</i>          | Farran, 1905             |  |
| R436 | <i>Bradyidius</i>       | Giesbrecht, 1897         |  |
| R437 | <i>armatus</i>          | Giesbrecht, 1897         | See Bossanyi & Bull (1971).  |
| R438 | <i>bradyi</i>           | (G O Sars, 1884)         |  |
| R439 | <i>similis</i>          | (G O Sars, 1902)         |  |
| R440 | <i>Bryaxis</i>          | G O Sars, 1902           |  |
| R441 | <i>brevicornis</i>      | G O Sars, 1902           |  |
| R442 | <i>minor</i>            | Farran, 1905             |  |
| R443 | <i>Chiridiella</i>      | G O Sars, 1907           |  |
| R444 | <i>macrodactyla</i>     | G O Sars, 1907           |  |
| R445 | <i>Chiridius</i>        | Giesbrecht, 1892         |  |
| R446 | <i>gracilis</i>         | Farran, 1908             |  |
| R447 | <i>obtusifrons</i>      | G O Sars, 1902           |  |
| R448 | <i>poppei</i>           | Giesbrecht, 1892         |  |
| R449 | <i>Chirundina</i>       | Giesbrecht, 1895         |  |
| R450 | <i>streetsii</i>        | Giesbrecht, 1895         |  |

- R451 *Euaetideus* G O Sars, 1925  
 R452 *giesbrechti* (Clève, 1904)  
 R453 *Euchirella* Giesbrecht, 1888  
 R454 *bitumida* With, 1915  
 R455 *brevis* G O Sars, 1905  
 R456 *curticauda* Giesbrecht, 1888  
 R457 *intermedia* With, 1915  
 R458 *maxima* Wolfenden, 1905  
 R459 *messinensis* (Claus, 1863)  
 R460 *rostrata* (Claus, 1866)  
 R461 *Gaetanus* Giesbrecht, 1888  
 R462 *armiger* Giesbrecht, 1888  
 R463 *caudani* Canu, 1896  
 R464 *curvicornis* G O Sars, 1905  
 R465 *krupii* Giesbrecht, 1903  
 R466 *latifrons* G O Sars, 1905  
 R467 *miles* Giesbrecht, 1888  
 R468 *minor* Farran, 1905  
 R469 *pileatus* Farran, 1903  
 R470 *Gaidius* Giesbrecht, 1895  
 R471 *affinis* G O Sars, 1905  
 R472 *brevispinus* G O Sars, 1900  
 R473 *minutus* G O Sars, 1907  
 R474 *pungens* Giesbrecht, 1895  
 R475 *tenuispinus* (G O Sars, 1900)  
 R476 *Pseudeuchaeta* G O Sars, 1905  
 R477 *brevicauda* G O Sars, 1905  
 R478 *Pseudochirella* G O Sars, 1920  
 R479 *cryptospina* (G O Sars, 1905)  
 R480 *divaricata* (G O Sars, 1905)  
 R481 *notacantha* (G O Sars, 1905)  
 R482 *obtusa* (G O Sars, 1905)  
 R483 *pustulifera* (G O Sars, 1905)  
 R484 *scopularis* (G O Sars, 1905)  
 R485 *Undeuchaeta* Giesbrecht, 1888  
 R486 *major* Giesbrecht, 1888  
 R487 *plumosa* (Lubbock, 1856)  
 R488 *Valdiviella* Steuer, 1904  
 R489 *brevicornis* G O Sars, 1905  
 R490 *insignis* Farran, 1908  
 R491 **Euchaetidae**  
 R492 *Euchaeta* Philippi, 1843  
 R493 *marina* (Prestandrea, 1833)  
 R494 *Pareuchaeta* A Scott, 1909  
 R495 *acuta* (Giesbrecht, 1892)  
 R496 *barbata* (Brady, 1883)  
 R497 *bisinuata* (G O Sars, 1907)  
 R498 *bradyi* (With, 1915)  
 R499 *glacialis* (Hansen, 1886)  
 R500 *gracilis* (G O Sars, 1905)  
 R501 *hanseni* (With, 1915)  
 R502 *hebes* (Giesbrecht, 1888)  
 R503 *media* (Giesbrecht, 1888)  
 R504 *norvegica* (Boeck, 1872)  
 R505 *pubera* (G O Sars, 1907)  
 R506 *rubicunda* (Farran, 1908)  
 R507 *sarsi* (Farran, 1908)  
 R508 *scotti* (Farran, 1908)  
 R509 *spinosa* (Giesbrecht, 1892)  
 R510 *tonsa* (Giesbrecht, 1895)  
 R511 **Stephidae**  
 R512 *Parastephos* G O Sars, 1902  
 R513 *pallidus* G O Sars, 1902  
 R514 *Stephos* T Scott, 1892  
 R515 *fultoni* (T Scott & A Scott, 1898)  
 R516 *lamellatus* G O Sars, 1902  
 R517 *minor* (T Scott, 1892)  
 R518 *rustadi* Strömngren, 1969  
 R519 *scotti* G O Sars, 1902  
 R520 **Diaixidae**  
 R521 *Diaixis* G O Sars, 1902  
 R522 *hibernica* (A Scott, 1896)  
 R523 *pygmaea* (T Scott, 1894)  
 R524 **Tharybidae**  
 R525 *Tharybis* G O Sars, 1902  
 R526 *macrophthalma* G O Sars, 1902  
 R527 *Undinella* G O Sars, 1905  
 R528 *oblonga* (G O Sars, 1900)  
 R529 *simplex* (Wolfenden, 1906)  
 R530 **Pseudocyclopiidae**  
 R531 *Pseudocyclopia* T Scott, 1892  
 R532 *caudata* T Scott, 1894  
 R533 *crassicornis* T Scott, 1892  
 R534 *giesbrechti* Wolfenden, 1902  
 R535 *minor* T Scott, 1892  
 R536 *stephoides* I C Thompson, 1895  
 R537 **Phaennidae**  
 R538 *Amalophora* T Scott, 1894  
 R539 *typica* (T Scott, 1894)  
 R540 *Brachycalanus* Farran, 1905  
 R541 *atlanticus* (Wolfenden, 1904)

|      |                           |                      |                                  |
|------|---------------------------|----------------------|----------------------------------|
| R542 | <i>Cephalophanes</i>      | G O Sars, 1907       |                                  |
| R543 | <i>refulgens</i>          | G O Sars, 1907       |                                  |
| R544 | <i>Cornucalanus</i>       | Wolfenden, 1905      |                                  |
| R545 | <i>chelifera</i>          | (I C Thompson, 1903) |                                  |
| R546 | <i>Heteremalla</i>        | G O Sars, 1907       |                                  |
| R547 | <i>dubia</i>              | (T Scott, 1894)      |                                  |
| R548 | <i>Onchocalanus</i>       | G O Sars, 1905       |                                  |
| R549 | <i>affinis</i>            | With, 1915           |                                  |
| R550 | <i>cristatus</i>          | (Wolfenden, 1904)    |                                  |
| R551 | <i>hirtipes</i>           | G O Sars, 1905       |                                  |
| R552 | <i>trigoniceps</i>        | G O Sars, 1905       |                                  |
| R553 | <i>Oothrix</i>            | Farran, 1905         |                                  |
| R554 | <i>bidentata</i>          | Farran, 1905         |                                  |
| R555 | <i>Phaenna</i>            | Claus, 1863          |                                  |
| R556 | <i>spinifera</i>          | Claus, 1863          |                                  |
| R557 | <i>Pseudophaenna</i>      | G O Sars, 1902       |                                  |
| R558 | <i>typica</i>             | G O Sars, 1902       |                                  |
| R559 | <i>Talacalanus</i>        | Wolfenden, 1911      |                                  |
| R560 | <i>greeni</i>             | (Farran, 1905)       |                                  |
| R561 | <i>Xanthocalanus</i>      | Giesbrecht, 1892     |                                  |
| R562 | <i>agilis</i>             | Giesbrecht, 1892     |                                  |
| R563 | <i>borealis</i>           | G O Sars, 1900       |                                  |
| R564 | <i>fallax</i>             | G O Sars, 1919       |                                  |
| R565 | <i>fragilis</i>           | Aurivillius, 1898    |                                  |
| R566 | <i>minor</i>              | Giesbrecht, 1892     |                                  |
| R567 | <i>muticus</i>            | G O Sars, 1905       |                                  |
| R568 | <i>obtusus</i>            | Farran, 1905         |                                  |
| R569 | <i>pinguis</i>            | Farran, 1905         |                                  |
| R570 | <i>propinquus</i>         | G O Sars, 1902       |                                  |
| R571 | <i>simplex</i>            | Aurivillius, 1898    |                                  |
| R572 | <i>subagilis</i>          | Wolfenden, 1904      |                                  |
| R573 | <b>Scolecitrichidae</b>   |                      |                                  |
| R574 | <i>Amalothrix</i>         | G O Sars, 1925       |                                  |
| R575 | <i>arcuata</i>            | (G O Sars, 1920)     |                                  |
| R576 | <i>curticauda</i>         | (A Scott, 1909)      |                                  |
| R577 | <i>emarginata</i>         | (Farran, 1905)       |                                  |
| R578 | <i>falcifer</i>           | (Farran, 1926)       |                                  |
| R579 | <i>gracilis</i>           | (G O Sars, 1905)     |                                  |
| R580 | <i>laminata</i>           | (Farran, 1926)       |                                  |
| R581 | <i>lobata</i>             | (G O Sars, 1920)     |                                  |
| R582 | <i>obtusifrons</i>        | G O Sars, 1905       |                                  |
| R583 | <i>propinqua</i>          | (G O Sars, 1920)     |                                  |
| R584 | <i>valens</i>             | (Farran, 1926)       |                                  |
| R585 | <i>valida</i>             | (Farran, 1908)       |                                  |
| R586 | <i>Lophothrix</i>         | Giesbrecht, 1895     |                                  |
| R587 | <i>frontalis</i>          | Giesbrecht, 1895     |                                  |
| R588 | <i>humilifrons</i>        | G O Sars, 1905       |                                  |
| R589 | <i>insignis</i>           | G O Sars, 1920       |                                  |
| R590 | <i>latipes</i>            | (T Scott, 1893)      |                                  |
| R591 | <i>Scaphocalanus</i>      | G O Sars, 1900       |                                  |
| R592 | <i>affinis</i>            | (G O Sars, 1905)     |                                  |
| R593 | <i>angulifrons</i>        | G O Sars, 1920       |                                  |
| R594 | <i>brevicornis</i>        | (G O Sars, 1900)     |                                  |
| R595 | <i>curtus</i>             | (Farran, 1926)       |                                  |
| R596 | <i>echinatus</i>          | (Farran, 1905)       |                                  |
| R597 | <i>magnus</i>             | (T Scott, 1894)      |                                  |
| R598 | <i>medius</i>             | (G O Sars, 1907)     |                                  |
| R599 | <i>robustus</i>           | (T Scott, 1893)      |                                  |
| R600 | <i>Scolecithricella</i>   | G O Sars, 1902       |                                  |
| R601 | <i>abyssalis</i>          | (Giesbrecht, 1892)   |                                  |
| R602 | <i>auropecten</i>         | (Giesbrecht, 1892)   |                                  |
| R603 | <i>dentata</i>            | (Giesbrecht, 1892)   |                                  |
| R604 | <i>minor</i>              | (Brady, 1883)        |                                  |
| R605 | <i>ovata</i>              | (Farran, 1905)       |                                  |
| R606 | <i>vittata</i>            | (Giesbrecht, 1892)   |                                  |
| R607 | <i>Scolecithrix</i>       | Brady, 1883          |                                  |
| R608 | <i>bradyi</i>             | Giesbrecht, 1888     |                                  |
| R609 | <i>danae</i>              | (Lubbock, 1856)      |                                  |
| R610 | <i>Scottocalanus</i>      | G O Sars, 1905       |                                  |
| R611 | <i>persecans</i>          | (Giesbrecht, 1892)   |                                  |
| R612 | <i>securifrons</i>        | (T Scott, 1894)      |                                  |
| R613 | <b>MISOPHRIOIDA</b>       |                      |                                  |
| R614 | <b>Misophriidae</b>       |                      |                                  |
| R615 | <i>Misophria</i>          | Boeck, 1864          |                                  |
| R616 | <i>pallida</i>            | Boeck, 1864          |                                  |
| R617 | <b>CYCLOPOIDA</b>         |                      |                                  |
| R618 | <b>Oithonidae</b>         |                      |                                  |
| R619 | <i>Oithona</i>            | Baird, 1843          |                                  |
| R620 | <i>helgolandica</i>       | Claus, 1863          |                                  |
| R621 | <i>linearis</i>           | Giesbrecht, 1891     | Synonym: <i>O. similis</i> Claus |
| R622 | <i>nana</i>               | Giesbrecht, 1892     |                                  |
| R623 | <i>plumifera</i>          | Baird, 1843          |                                  |
| R624 | <i>setigera</i>           | Dana, 1849           |                                  |
| R625 | <i>spirostris</i>         | (Claus, 1863)        |                                  |
| R626 | <i>Paroithona</i>         | Farran, 1908         |                                  |
| R627 | <i>parvula</i>            | Farran, 1908         |                                  |
| R628 | <b>Thespesiopsyllidae</b> |                      |                                  |
| R629 | <i>Thespesiopsyllus</i>   | Wilson, 1932         |                                  |
| R630 | <i>paradoxus</i>          | (G O Sars, 1913)     |                                  |
| R631 | <b>Cyclopinidae</b>       |                      |                                  |
| R632 | <i>Cyclopetta</i>         | G O Sars, 1913       |                                  |

- R633 *difficilis* G O Sars, 1913  
R634 *Cyclopidina* Steuer, 1940  
R635 *euacantha* (G O Sars, 1918)  
R636 *Cyclopina* Claus, 1863  
R637 *brachystylis* G O Sars, 1921  
R638 *esilis* Brian, 1958  
R639 *gracilis* Claus, 1863  
R640 *norvegica* Boeck, 1864  
R641 *ovalis* Brady, 1880  
R642 *pygmaea* G O Sars, 1918  
R643 *rotundipes* Herbst, 1952  
R644 *tuberculata* Herbst, 1962  
R645 *Cyclopinella* G O Sars, 1913  
R646 *tumidula* G O Sars, 1913  
R647 *Cyclopinodes* Wilson, 1932  
R648 *elegans* (T Scott, 1894)  
R649 *Cyclopinoides* Lindberg, 1953  
R650 *littoralis* (Brady, 1872)  
R651 *longicornis* (Boeck, 1872)  
R652 *Metacyclopinina* Lindberg, 1953  
R653 *brevisetosa* Herbst, 1974  
R654 *roscoffensis* Bozic, 1953  
R655 *Microcyclopinina* Plesa, 1961  
R656 *exigua* (Herbst, 1974)  
R657 *Neocyclopinina* Herbst, 1952  
R658 *reducta* Herbst, 1952  
R659 *Pseudocyclopinina* Lang, 1946  
R660 *neglecta* (Herbst, 1952)  
R661 *Pterinopsyllus* Brady, 1880  
R662 *insignis* (Brady, 1878)  
R663 **Cyclopidae**  
R664 *Cyclops* Müller, 1776  
R665 *bicuspidatus* Claus, 1862  
R666 *viridis* (Jurine, 1820)  
R667 *Diacyclops* Kiefer, 1927  
R668 *nanus* (G O Sars, 1862)  
R669 *Euryte* Philippi, 1843  
R670 *minor* T Scott, 1905  
R671 *longicauda* Philippi, 1843  
R672 *robusta* Giesbrecht, 1900  
R673 *Halicyclops* Norman, 1903  
R674 *brevispinosus* Herbst, 1952  
R675 *incognitus* Herbst, 1962  
R676 *magniceps* (Liljeborg, 1853)  
R677 *neglectus* Kiefer, 1935  
R678 **Notodelphyidae**  
R679 *Agnathaner* Canu, 1891
- R681 *freemani* Hamond, 1968  
R682 *typicus* Canu, 1891  
R683 *Bonnierilla* Canu, 1891  
R684 *altera* Stock, 1967  
R685 *filipes* Stock, 1967  
R686 *similis* Illg & Dudley, 1961  
R687 *Botachus* Thorell, 1859  
R688 *cylindratus* Thorell, 1859  
R689 *Brementia* Chatton & Brément, 1915  
R690 *balneolensis* Chatton & Brément, 1915  
R691 *Doroixys* Kerschner, 1879  
R692 *uncinata* Kerschner, 1879  
R693 *Doropygella* G O Sars, 1921  
R694 *normani* (Brady, 1878)  
R695 *porcicauda* (Brady, 1878)  
R696 *psyllus* (Thorell, 1859)  
R697 *thorelli* (Aurivillius, 1882)  
R698 *Doropygopsis* G O Sars, 1921  
R699 *longicauda* (Aurivillius, 1882)  
R700 *Doropygus* Thorell, 1859  
R701 *pulex* Thorell, 1859  
R702 *Gunenotophorus* Buchholz, 1869  
R703 *globularis* Buchholz, 1869  
R704 *Notodelphys* Allman, 1847  
R705 *agilis* Thorell, 1859  
R706 *almani* Thorell, 1859  
R707 *caerulea* Thorell, 1859  
R708 *canui* Roland, 1962  
R709 *cryptopyge* Bocquet & Stock, 1960  
R710 *elegans* Thorell, 1859  
R711 *platymera* Illg & Dudley, 1961  
R712 *prasina* Thorell, 1859  
R713 *rufescens* Thorell, 1859  
R714 *tenera* Thorell, 1859  
R715 *transatlantica* Bocquet & Stock, 1960  
R716 *Notopterothorus* Leuckart, 1859  
R717 *auritus* (Thorell, 1859)  
R718 *efatus* Giesbrecht, 1882  
R719 *elongatus* Buchholz, 1869  
R720 *papilio* Hesse, 1864  
R721 *Ooneides* Chatton & Brément, 1915  
R722 *amela* Chatton & Brément, 1915

See Bossanyi &amp; Bull (1971).

See Willems (1981).

Brackish pools. See Bossanyi & Bull (1971).  
Brackish pools. See Bossanyi & Bull (1971).

See Bossanyi &amp; Bull (1971).

See Hamond (1973b).  
See Hamond (1973b).See Gotto (1993).  
Validity doubtful. Only males described which possibly all represent atypical forms of *Pachypygus* G.O. Sars, 1921.  
See Hipeau-Jacquotte (1980).  
See Hamond (1973b).

See Holmes &amp; Gotto (1987).

See Hamond (1973b).

Formerly placed in *Doropygus*.

|      |   |   |
|------|---|---|
| R723 | <i>Ophiodelphys</i> Bocquet & Stock, 1961   |   |
| R724 | <i>illgi</i> Bocquet & Stock, 1961          |   |
| R725 | <i>Ophioseides</i> Gerstaecker, 1871        |   |
| R726 | <i>cardiacephalus</i> Gerstaecker, 1871     |   |
| R727 | <i>Pachypygus</i> G O Sars, 1921            |   |
| R728 | <i>gibber</i> (Thorell, 1859)               | Synonym: <i>Agnathaner minutus</i> Canu, 1891. See Hipeau-Jacquotte (1980).<br>Reviewed by Illg & Dudley (1980) and see Gotto (1993). |
| R729 | Ascidicolidae                               |   |
| R730 | Ascidicolinae                               |   |
| R731 | <i>Ascidicola</i> Thorell, 1859             |   |
| R732 | <i>rosea</i> Thorell, 1859                  |   |
| R733 | <i>Styelicola</i> Lützen, 1968              |   |
| R734 | <i>bahusia</i> Lützen, 1968                 |   |
| R735 | Buprorinae                                  |   |
| R736 | <i>Buprorus</i> Thorell, 1859               |   |
| R737 | <i>loveni</i> Thorell, 1859                 |   |
| R738 | Enterocolinae                               |   |
| R739 | <i>Enterocola</i> van Beneden, 1860         |   |
| R740 | <i>bremeni</i> Illg & Dudley, 1980          |   |
| R741 | <i>clavelinae</i> Chatton & Harant, 1924    | Channel coast of France.  |
| R742 | <i>fulgens</i> van Beneden, 1860            | Synonym: <i>E. betencourti</i> Canu   |
| R743 | <i>hessei</i> Chatton & Harant, 1924        | Channel coast of France.  |
| R744 | <i>megalova</i> Gotto, 1962                 |   |
| R745 | <i>pterochora</i> Chatton & Brément, 1909   |   |
| R746 | <i>sydnii</i> Chatton & Harant, 1924        |   |
| R747 | <i>Lequerrea</i> Chatton & Harant, 1924     |   |
| R748 | <i>canui</i> Illg & Dudley, 1980            |   |
| R749 | <i>perezi</i> Chatton & Harant, 1924        | Atlantic coast of France.   |
| R750 | Enteropsinae                                |   |
| R751 | <i>Enteropsis</i> Aurivillius, 1885         |   |
| R752 | <i>chattoni</i> Monniot, 1961               |   |
| R753 | <i>pilosus</i> Canu, 1886                   | Atlantic coast of France.   |
| R754 | <i>roscoffensis</i> Chatton & Brément, 1909 | Atlantic & Mediterranean coasts of France.  |
| R755 | <i>Mychophilus</i> Hesse, 1865              |   |
| R756 | <i>roseus</i> Hesse, 1865                   |   |
| R757 | Haplostominae                               |   |
| R758 | <i>Haplostoma</i> Canu, 1886                |   |
| R759 | <i>banyulensis</i> Brément, 1909            |   |
| R760 | <i>brevicauda</i> (Canu, 1886)              |   |
| R761 | <i>canui</i> Chatton & Harant, 1924         |   |
| R762 | <i>eruca</i> (Norman, 1869)                 | Previously placed in <i>Cryptopodus</i> .   |
| R763 | <i>mizoulei</i> Monniot, 1962               |   |
| R764 | <i>Haplostomides</i> Chatton & Harant, 1924 |   |
| R765 | <i>hibernicus</i> (T Scott & A Scott, 1895) |   |
| R766 | <i>scotti</i> Chatton & Harant, 1924        |   |
| R767 | Botryllophilinae                            |   |
| R768 | <i>Botryllophilus</i> Hesse, 1864           |   |
| R769 | <i>aspinosus</i> Schellenberg, 1922         |   |
| R770 | <i>brevipes</i> G O Sars, 1921              |   |
| R771 | <i>macropus</i> Canu, 1891                  |   |
| R772 | <i>norvegicus</i> Schellenberg, 1921        | See Ooishi (1996).  |
| R773 | <i>ruber</i> Hesse, 1864                    |   |
| R774 | Enterognathinae                             |   |
| R775 | <i>Enterognathus</i> Giesbrecht, 1900       |   |
| R776 | <i>comatulae</i> Giesbrecht, 1900           |   |
| R777 | Incertae sedis                              |   |
| R778 | <i>Jeanella</i> T Scott, 1904               | See O'Reilly in Mackie <i>et al.</i> (1995b).   |
| R779 | <i>minor</i> (T Scott, 1902)                |   |
| R780 | <b>MORMONILLOIDA</b>                        |   |
| R781 | Mormonillidae                               |   |
| R782 | <i>Mormonilla</i> Giesbrecht, 1891          |   |
| R783 | <i>minor</i> Giesbrecht, 1891               |   |
| R784 | <i>phasma</i> Giesbrecht, 1891              |   |
| R785 | <b>HARPACTICOIDA</b>                        |   |
| R786 | POLYARTHRA                                  |   |
| R787 | Longipediidae                               | Follows Lang (1948) and Bodin (1988).<br>Revised by Wells (1980).   |
| R788 | <i>Longipedia</i> Claus, 1863               |   |
| R789 | <i>coronata</i> Claus, 1863                 |   |
| R790 | <i>helgolandica</i> Klie, 1949              |   |
| R791 | <i>minor</i> T Scott & A Scott, 1893        |   |
| R792 | <i>scotti</i> G O Sars, 1903                |   |
| R793 | Canuellidae                                 |   |
| R794 | <i>Brianola</i> Monard, 1926                |   |
| R795 | <i>stebleri</i> (Monard, 1926)              | European coast. Described as " <i>Brianella</i> " by Monard.  |
| R796 | <i>Canuella</i> T Scott & A Scott, 1893     |   |
| R797 | <i>furcigera</i> G O Sars, 1903             |   |
| R798 | <i>perplexa</i> T Scott & A Scott, 1893     |   |
| R799 | <i>Canuellopsis</i> Lang, 1936              |   |
| R800 | <i>swedmarki</i> Por, 1964                  | European coast.   |
| R801 | <i>Sunaristes</i> Hesse, 1867               |   |
| R802 | <i>paguri</i> Hesse, 1867                   |   |
| R803 | OLIGARTHRA                                  |   |
| R804 | Cerviniidae                                 |   |
| R805 | <i>Cervinia</i> Norman, 1878                |   |
| R806 | <i>bradyi</i> Norman, 1878                  |   |
| R807 | <i>synarthra</i> G O Sars, 1910             |   |
| R808 | <i>Cerviniopsis</i> G O Sars, 1903          |   |
| R809 | <i>clavicornis</i> G O Sars, 1903           | European coast.   |
| R810 | <i>longicaudata</i> G O Sars, 1903          | European coast.   |
| R811 | <i>Eucanuella</i> T Scott, 1900             |   |
| R812 | <i>spinifera</i> T Scott, 1900              |   |

|      |   |   |
|------|---|---|
| R813 | <i>Hemicervinia</i> Lang, 1935                | Synonym: <i>Herdmania</i> I.C. Thompson, 1893.            |
| R814 | <i>stylifera</i> (I C Thompson, 1893)         | Synonym: <i>H. ryforsi</i> Lang, 1935.                    |
| R815 | Aegisthidae                                   |   |
| R816 | <i>Aegisthus</i> Giesbrecht, 1891             |   |
| R817 | <i>aculeatus</i> Giesbrecht, 1891             |   |
| R818 | <i>mucronatus</i> Giesbrecht, 1891            | Synonym: <i>A. atlanticus</i> Wolfenden, 1902             |
| R819 | <i>spinulosus</i> Farran, 1905                | Doubtful species.   |
| R820 | Ectinosomatidae                               | Revision in progress, C.G. Moore.                         |
| R821 | <i>Arenosetella</i> Wilson, 1932              |   |
| R822 | <i>germanica</i> Kunz, 1937                   |   |
| R823 | <i>tenuissima</i> (Klie, 1929)                | Synonym: <i>A. monensis</i> C.G. Moore, 1976              |
| R824 | <i>Bradya</i> Boeck, 1872                     |   |
| R825 | <i>Bradya (Bradya)</i> Lang, 1948             |   |
| R826 | <i>congenera</i> G O Sars, 1920               |   |
| R827 | <i>furcata</i> G O Sars, 1920                 | European coast.   |
| R828 | <i>macrochaeta</i> G O Sars, 1920             | European coast.   |
| R829 | <i>proxima</i> T Scott, 1912                  | European coast.   |
| R830 | <i>scotti</i> G O Sars, 1920                  |   |
| R831 | <i>simulans</i> G O Sars, 1920                |   |
| R832 | <i>typica</i> Boeck, 1872                     |   |
| R833 | <i>Bradya (Parabrydia)</i> Lang, 1948         |   |
| R834 | <i>dilatata</i> G O Sars, 1904                | European coast.   |
| R835 | <i>Ectinosoma</i> Boeck, 1864                 |   |
| R836 | <i>compressum</i> G O Sars, 1920              | European coast.   |
| R837 | <i>dentatum</i> Steuer, 1940                  | See Hamond (1973a).                                       |
| R838 | <i>melaniceps</i> Boeck, 1864                 | Includes var. <i>tuberculata</i> Roe, 1958.               |
| R839 | <i>normani</i> T Scott & A Scott, 1894        |   |
| R840 | <i>obtusum</i> G O Sars, 1920                 |   |
| R841 | <i>reductum</i> Bozic, 1954                   | European coast.   |
| R842 | <i>reductum listensis</i> Mielke, 1955        | European coast.   |
| R843 | <i>tenuipes</i> T Scott & A Scott, 1894       |   |
| R844 | <i>Ectinosomella</i> G O Sars, 1910           |   |
| R845 | <i>nitidula</i> G O Sars, 1910                | European coast.   |
| R846 | <i>Haectinosoma</i> Lang, 1948                | See Clément & Moore (1995).                               |
| R847 | <i>abrau</i> (Kricagin, 1878)                 | European coast.   |
| R848 | <i>angulifrons</i> (G O Sars, 1919)           |   |
| R849 | <i>argyllensis</i> Clément & Moore, 1995      |   |
| R850 | <i>armiferum</i> (T Scott & A Scott, 1894)    |   |
| R851 | <i>brevirostre</i> (G O Sars, 1904)           | Loch Creran, Olafsson unpubl.                             |
| R852 | <i>brunneum</i> (Brady, 1905)                 |   |
| R853 | <i>canaliculatum</i> (Por, 1964)              | European coast.   |
| R854 | <i>chrysalis</i> (T Scott, 1894)              | Synonym: <i>H. propinquum</i> (T. Scott & A. Scott, 1894) |
| R855 | <i>cooperatum</i> Bodin, Bodiou & Soyer, 1970 | European coast.   |
| R856 | <i>crenulatum</i> Clément & Moore, 1995       |   |
| R857 | <i>curticorne</i> (Boeck, 1872)               |   |
| R858 | <i>denticulatum</i> Clément & Moore, 1995     |   |
| R859 | <i>distinctum</i> (G O Sars, 1920)            |   |
| R860 | <i>elongatum</i> G O Sars, 1904               |   |
| R861 | <i>erythrops</i> (Brady & Robertson, 1875)    |   |
| R862 | <i>finmarchicum</i> (T Scott, 1903)           |   |
| R863 | <i>gothiceps</i> (Giesbrecht, 1881)           |   |
| R864 | <i>gracile</i> (T Scott & A Scott, 1894)      |   |
| R865 | <i>herdmani</i> (T Scott & A Scott, 1894)     |   |
| R866 | <i>longicorne</i> (T Scott & A Scott, 1894)   |   |
| R867 | <i>mixtum</i> (G O Sars, 1904)                |   |
| R868 | <i>neglectum</i> (G O Sars, 1904)             |   |
| R869 | <i>oblongum</i> (Kunz, 1949)                  |   |
| R870 | <i>paraspinicuda</i> Bodin, 1979              | European coast.   |
| R871 | <i>proximum</i> (G O Sars, 1919)              | Not yet recorded from the area.                           |
| R872 | <i>pseudosarsi</i> Clément & Moore, 1995      |   |
| R873 | <i>pterinum</i> Moore, 1974                   |   |
| R874 | <i>sarsi</i> (Boeck, 1872)                    |   |
| R875 | <i>spinicauda</i> (Wells, 1961)               |   |
| R876 | <i>tenerum</i> (G O Sars, 1920)               |   |
| R877 | <i>tenuireme</i> (T Scott & A Scott, 1894)    |   |
| R878 | <i>valeriae</i> Soyer, 1973                   |   |
| R879 | <i>Halophytophilus</i> Brian, 1917            |   |
| R880 | <i>similis</i> Lang, 1948                     |   |
| R881 | <i>Hastigerella</i> Nicholls, 1935            |   |
| R882 | <i>bozici</i> Soyer, 1974                     | European coast.   |
| R883 | <i>grandimandibularis</i> Wells, 1967         |   |
| R884 | <i>leptoderma</i> (Klie, 1929)                |   |
| R885 | <i>psammae</i> (Noodt, 1955)                  | Synonym: <i>Pararenosetella psammae</i> Noodt, 1955.      |
| R886 | <i>scheibeli</i> Mielke, 1975                 | European coast.   |
| R887 | <i>unisetosa</i> (Wells, 1965)                | European coast.   |
| R888 | <i>Klieosoma</i> Hicks & Schriever, 1985      |   |
| R889 | <i>trarticulatum</i> (Klie, 1949)             | European coast.   |
| R890 | <i>Lineosoma</i> Wells, 1965                  |   |
| R891 | <i>iscensis</i> Wells, 1965                   | European coast.   |
| R892 | <i>Microsetella</i> Brady & Robertson, 1873   |   |
| R893 | <i>norvegica</i> (Boeck, 1864)                | Synonym: <i>M. atlantica</i> Brady & Robertson, 1873.     |
| R894 | <i>rosea</i> (Dana, 1849)                     |   |
| R895 | <i>Noodtiella</i> Wells, 1965                 |   |
| R896 | <i>gracile</i> Mielke, 1975                   | European coast.   |
| R897 | <i>Pseudectinosoma</i> Kunz, 1935             |   |
| R898 | <i>minor</i> Kunz, 1935                       | European coast.   |
| R899 | <i>Pseudobrydia</i> G O Sars, 1904            |   |
| R900 | <i>acuta</i> G O Sars, 1904                   | Not yet recorded from the area.                           |
| R901 | <i>ambigua</i> G O Sars, 1920                 | Not yet recorded from the area.                           |
| R902 | <i>attenuata</i> G O Sars, 1920               | European coast.   |
| R903 | <i>beduina</i> Monard, 1935                   |   |

|      |                        |                           |  |
|------|------------------------|---------------------------|--|
| R904 | <i>distinctum</i>      | Wells, 1968               |  |
| R905 | <i>elegans</i>         | (T Scott & A Scott, 1894) |  |
| R906 | <i>exilis</i>          | G O Sars, 1920            |  |
| R907 | <i>fusca</i>           | (T Scott & A Scott, 1894) |  |
| R908 | <i>hirsuta</i>         | (T Scott & A Scott, 1894) |  |
| R909 | <i>leptognatha</i>     | G O Sars, 1920            | European coast.  |
| R910 | <i>minor</i>           | (T Scott & A Scott, 1894) |  |
| R911 | <i>parvula</i>         | G O Sars, 1920            |  |
| R912 | <i>pulchella</i>       | G O Sars, 1920            |  |
| R913 | <i>pygmaea</i>         | G O Sars, 1920            |  |
| R914 | <i>rhea</i>            | Bodin, 1979               | European coast.  |
| R915 | <i>robusta</i>         | G O Sars, 1910            |  |
| R916 | <i>scabriuscula</i>    | G O Sars, 1920            |  |
| R917 | <i>similis</i>         | (T Scott & A Scott, 1894) |  |
| R918 | <i>tenella</i>         | G O Sars, 1920            | European coast.  |
| R919 | <i>Sigmatidium</i>     | Giesbrecht, 1881          |  |
| R920 | <i>difficile</i>       | Giesbrecht, 1881          |  |
| R921 | Neobryidae             |                           | Synonym: Marsteiniidae Drzycimski, 1968.   |
| R922 | <i>Marsteinia</i>      | Drzycimski, 1968          |  |
| R923 | <i>similis</i>         | Drzycimski, 1968          | Norwegian fjords below 200m.   |
| R924 | <i>typica</i>          | Drzycimski, 1968          | Norwegian fjords below 200m.   |
| R925 | <i>Neobradya</i>       | T Scott, 1892             |  |
| R926 | <i>pectinifera</i>     | T Scott, 1892             |  |
| R927 | Darcythompsoniidae     |                           |  |
| R928 | <i>Darcythompsonia</i> | T Scott, 1906             |  |
| R929 | <i>fairliensis</i>     | (T Scott, 1899)           |  |
| R930 | <i>neglecta</i>        | Redeke, 1953              | European coast. Brackish water in Holland.                                       |
| R931 | <i>scotti</i>          | Gurney, 1920              |  |
| R932 | <i>Leptocaris</i>      | T Scott, 1899             |  |
| R933 | <i>biscayensis</i>     | (Noodt, 1955)             |  |
| R934 | <i>brevicornis</i>     | (van Douwe, 1904)         |  |
| R935 | <i>ignavus</i>         | (Noodt, 1953)             | Synonym: <i>HorsIELla ignava</i> Noodt 1953.                                     |
| R936 | <i>minutus</i>         | T Scott, 1899             |  |
| R937 | <i>trisetosus</i>      | (Kunz, 1935)              | European coast.  |
| R938 | Euterpinidae           |                           |  |
| R939 | <i>Euterpina</i>       | Norman, 1903              |  |
| R940 | <i>acutifrons</i>      | (Dana, 1849)              |  |
| R941 | Tachidiidae            |                           |  |
| R942 | <i>Geeopsis</i>        | Huys, 1992                |  |
| R943 | <i>incisipes</i>       | (Klie, 1913)              |  |
| R944 | <i>Microarthridion</i> | Lang, 1948                |  |
| R945 | <i>fallax</i>          | Perkins, 1956             |  |
| R946 | <i>littorale</i>       | (Poppe, 1881)             |  |
| R947 | <i>reductum</i>        | (Monard, 1935)            | Synonym: <i>M. perkinsi</i> Bodin, 1970. European coast.                         |
| R948 | <i>Tachidius</i>       | Liljeborg, 1853           |  |
| R949 | <i>discipes</i>        | Giesbrecht, 1881          |  |
| R950 | Thompsonulidae         |                           |  |
| R951 | <i>Thompsonula</i>     | T Scott, 1905             |  |
| R952 | <i>hyaenae</i>         | (I C Thompson, 1889)      |  |
| R953 | Harpacticidae          |                           |  |
| R954 | <i>Harpacticus</i>     | H Milne-Edwards, 1840     |  |
| R955 | <i>chelifer</i>        | (O F Müller, 1776)        |  |
| R956 | <i>componyx</i>        | Monard, 1926              | European coast.  |
| R957 | <i>flexus</i>          | Brady & Robertson, 1873   |  |
| R958 | <i>giesbrechti</i>     | Klie, 1927                |  |
| R959 | <i>gracilis</i>        | Claus, 1862               | Saline ponds. See Bossanyi & Bull (1971).  |
| R960 | <i>littoralis</i>      | G O Sars, 1910            |  |
| R961 | <i>obscurus</i>        | T Scott, 1895             |  |
| R962 | <i>septentrionalis</i> | Klie, 1939                | See Hicks, 1980.   |
| R963 | <i>tenellus</i>        | G O Sars, 1920            |  |
| R964 | <i>uniremis</i>        | Kröyer, 1842              |  |
| R965 | <i>Perissocope</i>     | Brady, 1910               |  |
| R966 | <i>adiastaltus</i>     | Wells, 1968               |  |
| R967 | <i>Tigriopus</i>       | Norman, 1868              |  |
| R968 | <i>brevicornis</i>     | (O F Müller, 1776)        |  |
| R969 | <i>Zaus</i>            | Goodsir, 1845             |  |
| R970 | <i>abbreviatus</i>     | G O Sars, 1904            |  |
| R971 | <i>caeruleus</i>       | Campbell, 1929            | Synonyms: <i>Zaus aurellii</i> G.O. Sars, 1909; <i>Z. scahaeferi</i> Klie, 1949. |
| R972 | <i>goodsiri</i>        | Brady, 1880               |  |
| R973 | <i>spinatus</i>        | Goodsir, 1845             |  |
| R974 | Tisbidae               |                           |  |
| R975 | Tisbinae               |                           |  |
| R976 | <i>Sacodiscus</i>      | Wilson, 1924              |  |
| R977 | <i>fasciatus</i>       | (Norman, 1868)            |  |
| R978 | <i>littoralis</i>      | (G O Sars, 1904)          |  |
| R979 | <i>Scutellidium</i>    | Claus, 1866               |  |
| R980 | <i>hippolytes</i>      | (Kröyer, 1863)            | Synonym: <i>Machairopus minutus</i> G.O. Sars 1905.                              |
| R981 | <i>ligusticum</i>      | (Brian, 1920)             | European coast   |
| R982 | <i>longicauda</i>      | (Philippi, 1840)          | Synonym: <i>Scutellidium tisboides</i> Claus, 1866.                              |
| R983 | <i>Tisbe</i>           | Liljeborg, 1853           | Synonym: <i>Idya</i> Philippi 1843.  |
| R984 | <i>angusta</i>         | (G O Sars, 1905)          |  |
| R985 | <i>battagliai</i>      | Volkman-Rocco, 1972       | See Humes (1980).  |
| R986 | <i>bulbisetosa</i>     | Volkman-Rocco, 1972       | European coast. Synonym: <i>T dilatata</i> Klie, 1949                            |
| R987 | <i>clodiensis</i>      | Battaglia & Fava, 1968    |  |
| R988 | <i>cluthae</i>         | (T Scott, 1899)           |  |
| R989 | <i>compacta</i>        | (G O Sars, 1920)          |  |
| R990 | <i>elegantula</i>      | (G O Sars, 1905)          |  |
| R991 | <i>elongata</i>        | (A Scott, 1896)           |  |
| R992 | <i>ensifer</i>         | Fischer, 1860             |  |
| R993 | <i>finmarchica</i>     | (G O Sars, 1905)          |  |

|       |  |                           |  |
|-------|--|---------------------------|--|
| R994  | <i>furcata</i>                             | (Baird, 1837)             |  |
| R995  | <i>gracilis</i>                            | (T Scott, 1895)           |  |
| R996  | <i>graciloides</i>                         | (G O Sars, 1920)          |  |
| R997  | <i>gurneyi</i>                             | (Lang, 1934)              |  |
| R998  | <i>holothuriae</i>                         | Humes, 1957               | European coast.<br>See Humes (1980). European coast. Synonym: <i>T helgolandica</i> Uhlig & Noodt. |
| R999  | <i>longicornis</i>                         | (T Scott & A Scott, 1895) |  |
| R1000 | <i>minor</i>                               | (T Scott & A Scott, 1896) |  |
| R1001 | <i>reticulata</i>                          | Bocquet, 1951             |  |
| R1002 | <i>tenella</i>                             | (G O Sars, 1910)          | European coast.  |
| R1003 | <i>tenera</i>                              | (G O Sars, 1905)          |  |
| R1004 | Cholidiinae                                |                           |  |
| R1005 | <i>Cholidya</i>                            | Farran, 1914              |  |
| R1006 | <i>intermedia</i>                          | Bresciani, 1970           |  |
| R1007 | <i>polypi</i>                              | Farran, 1914              |  |
| R1008 | Idyanthinae                                |                           |  |
| R1009 | <i>Idyanthe</i>                            | G O Sars, 1909            |  |
| R1010 | <i>dilatata</i>                            | (G O Sars, 1905)          |  |
| R1011 | <i>pusilla</i>                             | (G O Sars, 1905)          |  |
| R1012 | <i>Idyella</i>                             | G O Sars, 1905            |  |
| R1013 | <i>exigua</i>                              | G O Sars, 1905            |  |
| R1014 | <i>major</i>                               | G O Sars, 1920            |  |
| R1015 | <i>pallidula</i>                           | G O Sars, 1905            |  |
| R1016 | <i>Tachidiella</i>                         | G O Sars, 1909            |  |
| R1017 | <i>minuta</i>                              | G O Sars, 1909            |  |
| R1018 | <i>Tachidiopsis</i>                        | G O Sars, 1911            |  |
| R1019 | <i>cyclopoidea</i>                         | G O Sars, 1911            |  |
| R1020 | <i>Zosime</i>                              | Boeck, 1872               |  |
| R1021 | <i>bergensis</i>                           | Drzycimski, 1968          |  |
| R1022 | <i>incrassata</i>                          | G O Sars, 1910            |  |
| R1023 | <i>major</i>                               | G O Sars, 1921            |  |
| R1024 | <i>typica</i>                              | Boeck, 1872               |  |
| R1025 | <i>valida</i>                              | G O Sars, 1919            |  |
| R1026 | Porcellidiidae                             |                           |  |
| R1027 | <i>Porcellidium</i>                        | Claus, 1860               |  |
| R1028 | <i>fimbriatum</i>                          | Claus, 1863               | British records of <i>P viride</i> (Philippi, 1840) are probably this species.                     |
| R1029 | <i>lecanoides</i>                          | Claus, 1889               |  |
| R1030 | <i>lecanoides</i> var. <i>roscoffensis</i> | Bocquet, 1948             |  |
| R1031 | <i>ovatum</i>                              | Haller, 1879              |  |
| R1032 | <i>sarsi</i>                               | Bocquet, 1948             | Synonym: <i>P fimbriatum</i> sensu G.O. Sars, 1911.  |
| R1033 | <i>tenuicauda</i>                          | Claus, 1860               |  |
| R1034 | Peltidiidae                                |                           |  |
| R1035 | <i>Alteutha</i>                            | Baird, 1845               |  |
| R1036 | <i>depressa</i>                            | (Baird, 1837)             |  |
| R1037 | <i>interrupta</i>                          | (Goodsir, 1845)           |  |
| R1038 | <i>oblonga</i>                             | (Goodsir, 1845)           |  |
| R1039 | <i>roeeae</i>                              | Hicks, 1982               |  |
| R1040 | <i>Eupelte</i>                             | Claus, 1860               |  |
| R1041 | <i>gracilis</i>                            | Claus, 1860               | Mediterranean species; 1 unconfirmed record from the Scilly Isles.                                 |
| R1042 | <i>Peltidium</i>                           | Philippi, 1839            |  |
| R1043 | <i>purpureum</i>                           | Philippi, 1839            |  |
| R1044 | <i>robustum</i>                            | (Claus, 1889)             |  |
| R1045 | Clytemnestridae                            |                           |  |
| R1046 | <i>Clytemnestra</i>                        | Dana, 1849                |  |
| R1047 | <i>rostrata</i>                            | (Brady, 1883)             |  |
| R1048 | <i>scutellata</i>                          | Dana, 1849                |  |
| R1049 | Tegastidae                                 |                           |  |
| R1050 | <i>Parategastes</i>                        | G O Sars, 1904            |  |
| R1051 | <i>sphaericus</i>                          | (Claus, 1863)             |  |
| R1052 | <i>Tegastes</i>                            | Norman, 1903              |  |
| R1053 | <i>calcaratus</i>                          | G O Sars, 1910            | European coast.  |
| R1054 | <i>clausi</i>                              | G O Sars, 1904            |  |
| R1055 | <i>falcatus</i>                            | (Norman, 1868)            |  |
| R1056 | <i>flavidus</i>                            | G O Sars, 1904            |  |
| R1057 | <i>grandimanus</i>                         | G O Sars, 1904            |  |
| R1058 | <i>longimanus</i>                          | (Claus, 1863)             |  |
| R1059 | <i>nanus</i>                               | G O Sars, 1904            |  |
| R1060 | <i>satyrus</i>                             | (Claus, 1860)             |  |
| R1061 | Thalestridae                               |                           |  |
| R1062 | Thalestrinae                               |                           |  |
| R1063 | <i>Amenophia</i>                           | Boeck, 1864               |  |
| R1064 | <i>peltata</i>                             | Boeck, 1864               |  |
| R1065 | <i>pulchella</i>                           | G O Sars, 1906            |  |
| R1066 | <i>Parathalestris</i>                      | Brady & Robertson, 1873   |  |
| R1067 | <i>camabriensis</i>                        | Wells, 1964               |  |
| R1068 | <i>clausi</i>                              | (Norman, 1868)            |  |
| R1069 | <i>croni</i>                               | (Kröyer, 1842)            |  |
| R1070 | <i>dovi</i>                                | Marcus, 1966              | European coast.  |
| R1071 | <i>harpacticoides</i>                      | (Claus, 1863)             |  |
| R1072 | <i>hibernica</i>                           | (Brady & Robertson, 1873) |  |
| R1073 | <i>intermedia</i>                          | Gurney, 1930              | Synonym: <i>P plumiseta</i> C.G. Moore, 1976   |
| R1074 | <i>irelandica</i>                          | Roe, 1958                 |  |
| R1075 | <i>Phyllothalestris</i>                    | G O Sars, 1905            |  |
| R1076 | <i>mysis</i>                               | (Claus, 1863)             |  |
| R1077 | <i>Thalestris</i>                          | Claus, 1863               |  |
| R1078 | <i>brunnea</i>                             | G O Sars, 1905            |  |
| R1079 | <i>longimana</i>                           | Claus, 1863               |  |
| R1080 | <i>purpurea</i>                            | G O Sars, 1905            |  |
| R1081 | <i>rhodymeniae</i>                         | (Brady, 1894)             |  |



|       |  |                              |   |
|-------|--|------------------------------|---|
| R1082 | <i>rufoviolascens</i>                  | Claus, 1866                  |   |
| R1083 | Rhynchothalestrinae                    |                              |   |
| R1084 | <i>Rhynchothalestris</i>               | G O Sars, 1905               |   |
| R1085 | <i>helgolandica</i>                    | (Claus, 1863)                |   |
| R1086 | <i>rufocincta</i>                      | Brady, 1880                  | See Bossanyi & Bull (1971).   |
| R1087 | Dactylopusiinae                        |                              |   |
| R1088 | <i>Dactylopodopsis</i>                 | G O Sars, 1911               |   |
| R1089 | <i>dilatata</i>                        | G O Sars, 1911               |   |
| R1090 | <i>Dactylopusia</i>                    | Norman, 1903                 | Synonym: <i>Dactylopodia</i> Lang, 1948.  |
| R1091 | <i>euryhalina</i>                      | Monard, 1935                 | Synonym: <i>D. vulgaris holsatica</i> Noodt, 1953. Roscoff (Lang 1948).                   |
| R1092 | <i>micronyx</i>                        | G O Sars, 1905               |   |
| R1093 | <i>neglecta</i>                        | G O Sars, 1905               |   |
| R1094 | <i>tisboides</i>                       | (Claus, 1863)                |   |
| R1095 | <i>vulgaris</i>                        | G O Sars, 1905               |   |
| R1096 | <i>vulgaris</i> var. <i>dissimilis</i> | Brian, 1921                  | European coast.   |
| R1097 | <i>Dactylopusioides</i>                | Brian, 1928                  |   |
| R1098 | <i>macrolabris</i>                     | (Claus, 1866)                |   |
| R1099 | <i>Diarthrodes</i>                     | G M Thomson, 1882            |   |
| R1100 | <i>aegideus</i>                        | (Brian, 1927)                |   |
| R1101 | <i>andrewi</i>                         | (T Scott, 1894)              |   |
| R1102 | <i>assimilis</i>                       | (G O Sars, 1906)             | European coast.   |
| R1103 | <i>feldmanni</i>                       | Bocquet, 1953                | European coast.   |
| R1104 | <i>intermedius</i>                     | (T Scott, 1912)              | European coast.   |
| R1105 | <i>major</i>                           | (T Scott & A Scott, 1895)    | Synonym: <i>Pseudothalestris monensis</i> Brady 1902.                                     |
| R1106 | <i>minutus</i>                         | (Claus, 1863)                |   |
| R1107 | <i>nobilis</i>                         | (Baird, 1845)                |   |
| R1108 | <i>ponticus</i>                        | (Kricagin, 1873)             |   |
| R1109 | <i>pygmaeus</i>                        | (T Scott & A Scott, 1895)    |   |
| R1110 | <i>roscoffensis</i>                    | (Monard, 1935)               | European coast.   |
| R1111 | <i>Paradactylopodia</i>                | Lang, 1948                   |   |
| R1112 | <i>brevicornis</i>                     | (Claus, 1866)                |   |
| R1113 | <i>latipes</i>                         | (Boeck, 1864)                |   |
| R1114 | Pseudotachidiinae                      |                              |   |
| R1115 | <i>Dactylopodella</i>                  | G O Sars, 1905               |   |
| R1116 | <i>clypeata</i>                        | G O Sars, 1911               |   |
| R1117 | <i>fiava</i>                           | (Claus, 1866)                | See Hicks (1989). Synonym: <i>D. ornata</i> Norman & T. Scott, 1905.                      |
| R1118 | <i>rostrata</i>                        | (T Scott, 1893)              |   |
| R1119 | <i>Idomene</i>                         | Philippi, 1843               |   |
| R1120 | <i>aberrans</i>                        | Por, 1964                    | This species is to be moved to a new genus in the Paranannopidae.                         |
| R1121 | <i>coronata</i>                        | (T Scott, 1894)              |   |
| R1122 | <i>forficata</i>                       | Philippi, 1843               |   |
| R1123 | <i>pectinata</i>                       | (T Scott & A Scott, 1898)    |   |
| R1124 | <i>purpurocincta</i>                   | (Norman & T Scott, 1905)     |   |
| R1125 | <i>Pseudotachidius</i>                 | T Scott, 1897                |   |
| R1126 | <i>coronatus</i>                       | T Scott, 1897                |   |
| R1127 | <i>vikingus</i>                        | Drzycimski, 1968             | Norwegian fjords below 200m.  |
| R1128 | Donsiellinae                           |                              |   |
| R1129 | <i>Donsiella</i>                       | Stephensen, 1936             |   |
| R1130 | <i>anglica</i>                         | Hicks, 1988                  |   |
| R1131 | <i>limnoriae</i>                       | Stephensen, 1936             |   |
| R1132 | Ambunguipedidae                        |                              |   |
| R1133 | <i>Ambunguipes</i>                     | Huys, 1990                   |   |
| R1134 | <i>rufocincta</i>                      | (Brady, 1880)                |   |
| R1135 | Balaenophilidae                        |                              |   |
| R1136 | <i>Balaenophilus</i>                   | Aurivillius, 1879            |   |
| R1137 | <i>unisetus</i>                        | Aurivillius, 1879            |   |
| R1138 | Parastenheliidae                       |                              |   |
| R1139 | <i>Parastenhelia</i>                   | I C Thompson & A Scott, 1903 |   |
| R1140 | <i>anglica</i>                         | Norman & T Scott, 1905       |   |
| R1141 | <i>ornatissima</i>                     | (Monard, 1935)               | Roscoff (Lang 1948).  |
| R1142 | <i>spinosa</i>                         | (Fischer, 1860)              |   |
| R1143 | <i>spinosa</i> var. <i>bulbosa</i>     | Wells, 1963                  |   |
| R1144 | Diosaccidae                            |                              |   |
| R1145 | <i>Amonardia</i>                       | Lang, 1948                   |   |
| R1146 | <i>normani</i>                         | (Brady, 1872)                |   |
| R1147 | <i>phyllopus</i>                       | (G O Sars, 1906)             | See Hamond (1973a).   |
| R1148 | <i>similis</i>                         | (Claus, 1866)                | Roscoff, Lang (1948).   |
| R1149 | <i>Amphiascoides</i>                   | Nicholls, 1941               |   |
| R1150 | <i>brevifurca</i>                      | (Czerniavski, 1868)          |   |
| R1151 | <i>debilis</i>                         | (Giesbrecht, 1881)           |   |
| R1152 | <i>dispar</i>                          | (T Scott & A Scott, 1894)    |   |
| R1153 | <i>limicola</i>                        | (Brady, 1900)                | Some doubt about the validity of this species; it may be a variety of <i>A. debilis</i> . |
| R1154 | <i>littoralis</i>                      | (T Scott, 1903)              |   |
| R1155 | <i>nanoides</i>                        | (G O Sars, 1911)             | Not yet recorded from the area.   |
| R1156 | <i>nanus</i>                           | (G O Sars, 1906)             |   |
| R1157 | <i>neglecta</i>                        | (Norman & T Scott, 1905)     |   |
| R1158 | <i>subdebilis</i>                      | (Willey, 1935)               |   |
| R1159 | <i>Amphiascopsis</i>                   | Gurney, 1927                 |   |
| R1160 | <i>cinctus</i>                         | (Claus, 1866)                |   |
| R1161 | <i>obscurus</i>                        | (G O Sars, 1906)             |   |
| R1162 | <i>thalestroides</i>                   | (G O Sars, 1911)             |   |
| R1163 | <i>Amphiascus</i>                      | G O Sars, 1905               |   |
| R1164 | <i>amblyops</i>                        | G O Sars, 1911               | European coast.   |
| R1165 | <i>graciloides</i>                     | Klie, 1950                   |   |
| R1166 | <i>graciloides trisetosus</i>          | Klie, 1950                   | European coast.   |
| R1167 | <i>hirtus</i>                          | Gurney, 1927                 |   |
| R1168 | <i>longarticulatus</i>                 | Marcus, 1974                 |   |

|       |   |   |
|-------|---|---|
| R1169 | <i>minutus</i> (Claus, 1863)                      |   |
| R1170 | <i>parvus</i> G O Sars, 1906                      | Synonym: <i>A. humphriesi</i> Roe, 1960.  |
| R1171 | <i>propinquus</i> G O Sars, 1906                  | Synonym: <i>A. angustipes</i> Gurney, 1927.   |
| R1172 | <i>sinuatus</i> G O Sars, 1906                    |   |
| R1173 | <i>tenellus</i> G O Sars, 1906                    |   |
| R1174 | <i>tenuiremis</i> (Brady & Robertson, 1875)       |   |
| R1175 | <i>variens</i> (Norman & T Scott, 1905)           |   |
| R1176 | <i>Bulbamphiascus</i> Lang, 1948                  |   |
| R1177 | <i>angustifolius</i> Klie, 1950                   |   |
| R1178 | <i>denticulatus</i> (I C Thompson, 1893)          |   |
| R1179 | <i>imus</i> (Brady, 1872)                         | Synonyms: <i>Amphiascus normani</i> G.O.Sars, 1911; <i>Stenhelia reflexa</i> T.Scott, 1895. |
| R1180 | <i>Dactylopodamphiascopsis</i> Lang, 1944         |   |
| R1181 | <i>latifolius</i> (G O Sars, 1909)                |   |
| R1182 | <i>Diosaccus</i> Boeck, 1872                      |   |
| R1183 | <i>tenuicomis</i> (Claus, 1863)                   |   |
| R1184 | <i>varicolor</i> (Farran, 1913)                   |   |
| R1185 | <i>Eoschizopera</i> Wells & Rao, 1976             |   |
| R1186 | <i>syltensis</i> (Mielke, 1973)                   |   |
| R1187 | <i>Haloschizopera</i> Lang, 1944                  | See Moore & O'Reilly (1989, 1993).  |
| R1188 | <i>bulbifer</i> (G O Sars, 1911)                  |   |
| R1189 | <i>clotensis</i> Moore & O'Reilly, 1993           |   |
| R1190 | <i>conspicua</i> Por, 1964                        |   |
| R1191 | <i>exigua</i> (G O Sars, 1906)                    |   |
| R1192 | <i>lionensis</i> Moore & O'Reilly, 1993           |   |
| R1193 | <i>pauciseta</i> Por, 1959                        |   |
| R1194 | <i>pygmaea</i> (Norman & T Scott, 1905)           | Synonym: <i>H. junodi</i> Monard, 1935  |
| R1195 | <i>ruthorum</i> Por, 1959                         | One doubtful record from Isle of Man (Moore, 1979).   |
| R1196 | <i>Metamphiascopsis</i> Lang, 1948                |   |
| R1197 | <i>hirsutus</i> (I C Thompson & A Scott, 1903)    |   |
| R1198 | <i>Paramphiascella</i> Lang, 1944                 |   |
| R1199 | <i>bodini</i> Marcotte, 1974                      | Celtic Sea, Gee pers.comm.  |
| R1200 | <i>fulvofasciata</i> Rosenfield & Coull, 1974     | European coast. Norfolk, Hamond unpub.  |
| R1201 | <i>hispida</i> (Brady, 1880)                      |   |
| R1202 | <i>hyperborea</i> (T Scott, 1896)                 |   |
| R1203 | <i>intermedia</i> (T Scott, 1896)                 | Loch Creran, Olafsson pers.comm.  |
| R1204 | <i>vararensis</i> (T Scott, 1903)                 |   |
| R1205 | <i>Paramphiascopsis</i> Lang, 1944                |   |
| R1206 | <i>giesbrechti</i> (G O Sars, 1906)               |   |
| R1207 | <i>longirostris</i> (Claus, 1863)                 | Synonym: <i>Amphiascus paracaudaespinosus</i> Roe, 1958                                     |
| R1208 | <i>triarticulatus</i> Moore, 1976                 |   |
| R1209 | <i>Pararobertsonia</i> Lang, 1944                 |   |
| R1210 | <i>abyssi</i> (Boeck, 1872)                       |   |
| R1211 | <i>Protopsammotopa</i> Geddes, 1968               |   |
| R1212 | <i>norvegica</i> Geddes, 1968                     | European coast.   |
| R1213 | <i>Psammotopa</i> Pennak, 1942                    |   |
| R1214 | <i>phyllosetosa</i> (Noodt, 1952)                 |   |
| R1215 | <i>vulgaris</i> Pennak, 1942                      |   |
| R1216 | <i>Pseudamphiascopsis</i> Lang, 1944              |   |
| R1217 | <i>attenuatus</i> (G O Sars, 1906)                | Synonym: <i>P ismaelensis</i> Monard, 1936.   |
| R1218 | <i>herdmani</i> (A Scott, 1896)                   |   |
| R1219 | <i>Pseudodiosaccus</i> T Scott, 1906              |   |
| R1220 | <i>propinquus</i> (T Scott & A Scott, 1893)       |   |
| R1221 | <i>Pseudomesochra</i> T Scott, 1902               |   |
| R1222 | <i>divaricata</i> (G O Sars, 1906)                |   |
| R1223 | <i>latifurca</i> (G O Sars, 1911)                 |   |
| R1224 | <i>longifurcata</i> T Scott, 1902                 |   |
| R1225 | <i>media</i> (G O Sars, 1911)                     |   |
| R1226 | <i>similis</i> Lang, 1935                         | European coast.   |
| R1227 | <i>tatinae</i> Drzycimski, 1968                   | Below 200m in Norwegian fjords.   |
| R1228 | <i>Rhyncholagena</i> Lang, 1948                   |   |
| R1229 | <i>lagenirostris</i> (G O Sars, 1911)             |   |
| R1230 | <i>pestai</i> (Monard, 1935)                      | Roscoff (Lang 1948).  |
| R1231 | <i>spinifer</i> (Farran, 1913)                    |   |
| R1232 | <i>Robertgurneya</i> Lang, 1948                   |   |
| R1233 | <i>dictydiophora</i> (Monard, 1924)               |   |
| R1234 | <i>erythraeus</i> (A Scott, 1902)                 | Not yet recorded from the area.   |
| R1235 | <i>ilievicensis</i> (Monard, 1935)                |   |
| R1236 | <i>intermedia</i> Bozic, 1955                     | Species incerta sedis. European coast.  |
| R1237 | <i>oligochaeta</i> Noodt, 1955                    | Isle of Man, C.G. Moore, unpub.   |
| R1238 | <i>remanei</i> Klie, 1950                         | European coast.   |
| R1239 | <i>rostrata</i> (Gurney, 1927)                    | Celtic Sea, Gee pers.comm.  |
| R1240 | <i>similis</i> (A Scott, 1896)                    |   |
| R1241 | <i>simulans</i> (Norman & T Scott, 1905)          |   |
| R1242 | <i>spinulosa</i> (G O Sars, 1911)                 |   |
| R1243 | <i>Robertsonia</i> Brady, 1880                    |   |
| R1244 | <i>celtica</i> (Monard, 1935)                     | Common in SW England.   |
| R1245 | <i>diademata</i> Monard, 1926                     | Roscoff (Lang 1948).  |
| R1246 | <i>monardi</i> (Klie, 1937)                       |   |
| R1247 | <i>propinqua</i> (T Scott, 1893)                  | European coast.   |
| R1248 | <i>tenuis</i> (Brady & Robertson, 1875)           |   |
| R1249 | <i>Schizopera</i> G O Sars, 1905                  |   |
| R1250 | <i>Schizopera (Schizopera)</i> G O Sars, 1905     |   |
| R1251 | <i>clandestina</i> (Klie, 1924)                   |   |
| R1252 | <i>compacta</i> Lint, 1922                        | European coast.   |
| R1253 | <i>Schizopera (Neoschizopera)</i> Apostolov, 1982 | European coast.   |
| R1254 | <i>meridionalis listensis</i> Mielke, 1975        | European coast.   |
| R1255 | <i>pratensis</i> Noodt, 1958                      | European coast.   |
| R1256 | <i>Stenhelia</i> Boeck, 1864                      |   |
| R1257 | <i>Stenhelia (Stenhelia)</i> Lang, 1948           |   |
| R1258 | <i>aemula</i> (T Scott, 1893)                     |   |

|       |                                 |                           |  |
|-------|---------------------------------|---------------------------|--|
| R1259 | <i>gibba</i>                    | Boeck, 1864               |  |
| R1260 | <i>proxima</i>                  | G O Sars, 1906            |  |
| R1261 | <i>Stenhelia (Delavalia)</i>    | Brady, 1868               |  |
| R1262 | <i>confluens</i>                | Lang, 1948                | Not yet recorded from the area.  |
| R1263 | <i>elizabethae</i>              | Por, 1960                 | Gee, pers. comm.   |
| R1264 | <i>giesbrechti</i>              | T Scott & A Scott, 1896   |  |
| R1265 | <i>hanstromi</i>                | Lang, 1948                |  |
| R1266 | <i>longicaudata</i>             | Boeck, 1872               |  |
| R1267 | <i>longicaudata finmarchica</i> | T Scott, 1903             |  |
| R1268 | <i>mastigochaeta</i>            | Wells, 1965               |  |
| R1269 | <i>normani</i>                  | T Scott, 1905             |  |
| R1270 | <i>palustris</i>                | Brady, 1868               |  |
| R1271 | <i>palustris bispinosa</i>      | Bodin, 1970               |  |
| R1272 | <i>reflexa</i>                  | Brady & Robertson, 1875   |  |
| R1273 | <i>Typhlamphiascus</i>          | Lang, 1944                |  |
| R1274 | <i>blanchardi</i>               | (T Scott & A Scott, 1895) |  |
| R1275 | <i>confusus</i>                 | (T Scott, 1902)           |  |
| R1276 | <i>gracilis</i>                 | Por, 1963                 | European coast.  |
| R1277 | <i>lamellifer</i>               | (G O Sars, 1911)          |  |
| R1278 | <i>typhloides</i>               | (G O Sars, 1911)          | European coast.  |
| R1279 | <i>typhlops</i>                 | (G O Sars, 1906)          | European coast.  |
| R1280 | Metidae                         |                           |  |
| R1281 | <i>Metis</i>                    | Philippi, 1843            |  |
| R1282 | <i>ignea</i>                    | Philippi, 1843            | Synonym: <i>Ilyopsyllus coriaceus</i> Brady & Robertson, 1873.                       |
| R1283 | Ameiridae                       |                           |  |
| R1284 | Ameirinae                       |                           |  |
| R1285 | <i>Ameira</i>                   | Boeck, 1864               |  |
| R1286 | <i>attenuata</i>                | I C Thompson, 1893        |  |
| R1287 | <i>brevipes</i>                 | Kunz, 1954                |  |
| R1288 | <i>brevipes pestae</i>          | Petkovski, 1955           |  |
| R1289 | <i>divagans</i>                 | Nicholls, 1940            | N. Brittany coast.   |
| R1290 | <i>exigua</i>                   | T Scott, 1894             |  |
| R1291 | <i>hyalina</i>                  | (Noodt, 1952)             | European coast.  |
| R1292 | <i>listensis</i>                | Mielke, 1973              | European coast.  |
| R1293 | <i>longipes</i>                 | Boeck, 1864               |  |
| R1294 | <i>lusitanica</i>               | Galhano, 1970             |  |
| R1295 | <i>minuta</i>                   | Boeck, 1864               |  |
| R1296 | <i>parvula</i>                  | (Claus, 1866)             | Synonyms: <i>Nitocra tau</i> Giesbrecht, 1881; <i>Ameira parvuloides</i> Lang, 1965. |
| R1297 | <i>pusilla</i>                  | T Scott, 1903             |  |
| R1298 | <i>scotti</i>                   | G O Sars, 1911            |  |
| R1299 | <i>speciosa</i>                 | Monard, 1935              |  |
| R1300 | <i>tenella</i>                  | G O Sars, 1907            |  |
| R1301 | <i>tenuicornis</i>              | T Scott, 1902             |  |
| R1302 | <i>usitata</i>                  | Klie, 1950                |  |
| R1303 | <i>Ameiropsis</i>               | G O Sars, 1907            |  |
| R1304 | <i>abbreviata</i>               | G O Sars, 1911            | Norwegian coast.   |
| R1305 | <i>angulifera</i>               | G O Sars, 1911            |  |
| R1306 | <i>brevicornis</i>              | G O Sars, 1907            |  |
| R1307 | <i>longicornis</i>              | G O Sars, 1907            |  |
| R1308 | <i>minor</i>                    | (G O Sars, 1920)          | Norwegian coast.   |
| R1309 | <i>mixta</i>                    | G O Sars, 1907            |  |
| R1310 | <i>nobilis</i>                  | G O Sars, 1911            |  |
| R1311 | <i>Interleptomesochra</i>       | Lang, 1965                |  |
| R1312 | <i>attenuata</i>                | (A Scott, 1896)           |  |
| R1313 | <i>elongata</i>                 | (Bozic, 1954)             | European coast.  |
| R1314 | <i>eulittoralis</i>             | (Noodt, 1952)             |  |
| R1315 | <i>tenuicornis</i>              | (G O Sars, 1911)          |  |
| R1316 | <i>Leptomesochra</i>            | G O Sars, 1911            |  |
| R1317 | <i>confluens</i>                | G O Sars, 1911            |  |
| R1318 | <i>macintoshi</i>               | (T Scott & A Scott, 1895) |  |
| R1319 | <i>Nitokra</i>                  | Boeck, 1864               | <i>Nitocra</i> auct. The original spelling of this genus has now been restored.      |
| R1320 | <i>affinis</i>                  | Gurney, 1927              |  |
| R1321 | <i>elegans</i>                  | (T Scott, 1904)           |  |
| R1322 | <i>fallaciosa</i>               | Klie, 1937                | European coast.  |
| R1323 | <i>hibernica</i>                | (Brady, 1880)             |  |
| R1324 | <i>lacustris</i>                | (Schmankevitsch, 1875)    |  |
| R1325 | <i>pusilla</i>                  | G O Sars, 1911            |  |
| R1326 | <i>reducta</i>                  | Schäfer, 1936             | European coast.  |
| R1327 | <i>sewelli husmanni</i>         | Kunz, 1976                | European coast.  |
| R1328 | <i>spinipes</i>                 | Boeck, 1864               | Synonym: <i>N. parafragilis</i> Roe, 1958.   |
| R1329 | <i>typica</i>                   | Boeck, 1864               | Synonym: <i>Ameira amphibia</i> (Brady, 1902).                                       |
| R1330 | <i>Parapseudoleptomesochra</i>  | Lang, 1965                |  |
| R1331 | <i>polychaeta</i>               | (Noodt, 1952)             |  |
| R1332 | <i>Parevansula</i>              | Guille & Soyer, 1966      |  |
| R1333 | <i>mediterranea</i>             | Guille & Soyer, 1966      | Mediterranean, ?European coast.  |
| R1334 | <i>vermiformis</i>              | Moore, 1976               |  |
| R1335 | <i>Proameira</i>                | Lang, 1944                |  |
| R1336 | <i>arenicola</i>                | (Lang, 1935)              | European coast.  |
| R1337 | <i>dubia</i>                    | (G O Sars, 1920)          | European coast.  |
| R1338 | <i>echinipes</i>                | Soyer, 1975               |  |
| R1339 | <i>hiddensoeensis</i>           | (Schäfer, 1936)           |  |
| R1340 | <i>phaedra</i>                  | (Monard, 1935)            | Roscoff (Lang 1948).   |
| R1341 | <i>psammophila</i>              | Wells, 1963               |  |
| R1342 | <i>signata</i>                  | Por, 1964                 |  |
| R1343 | <i>simplex</i>                  | (Norman & T Scott, 1905)  |  |
| R1344 | <i>Pseudameira</i>              | G O Sars, 1911            |  |
| R1345 | <i>breviseta</i>                | Klie, 1950                |  |
| R1346 | <i>crassicornis</i>             | G O Sars, 1911            |  |
| R1347 | <i>furcata</i>                  | G O Sars, 1911            |  |

|       |   |                                |  |
|-------|---|--------------------------------|--|
| R1348 | <i>gracilis</i>                         | G O Sars, 1920                 | Norwegian coast.   |
| R1349 | <i>mixta</i>                            | G O Sars, 1920                 |  |
| R1350 | <i>perplexa</i>                         | Soyer, 1975                    |  |
| R1351 | <i>reducta</i>                          | Klie, 1950                     |  |
| R1352 | <i>reflexa</i>                          | (T Scott, 1894)                |  |
| R1353 | <i>Pseudoleptomesochrella</i>           | Lang, 1965                     |  |
| R1354 | <i>halophila</i>                        | (Noodt, 1952)                  | Synonym: <i>P. brevifurca</i> Wells, 1961.               |
| R1355 | <i>Psyllocamptus</i>                    | T Scott, 1899                  |  |
| R1356 | <i>Psyllocamptus (Psyllocamptus)</i>    | T Scott, 1899                  |  |
| R1357 | <i>minutus</i>                          | (G O Sars, 1911)               |  |
| R1358 | <i>minutus gelatinosus</i>              | (Kunz, 1951)                   |  |
| R1359 | <i>propinquus</i>                       | (T Scott, 1895)                |  |
| R1360 | <i>Sarsameira</i>                       | Wilson, 1924                   |  |
| R1361 | <i>exilis</i>                           | (T Scott & A Scott, 1894)      |  |
| R1362 | <i>giraulti</i>                         | Monard, 1935                   |  |
| R1363 | <i>longiremis</i>                       | (T Scott, 1894)                |  |
| R1364 | <i>major</i>                            | (G O Sars, 1907)               | Celtic Sea, Gee, unpub.                                  |
| R1365 | <i>parva</i>                            | (Boeck, 1872)                  |  |
| R1366 | <i>peresi</i>                           | Bodin, 1970                    | European coast.  |
| R1367 | <i>propinqua</i>                        | (T Scott, 1902)                |  |
| R1368 | <i>sarsi</i>                            | Lang, 1948                     |  |
| R1369 | <i>Sicameira</i>                        | Klie, 1950                     |  |
| R1370 | <i>gracilis</i>                         | (A Scott, 1896)                |  |
| R1371 | <i>leptoderma</i>                       | Klie, 1950                     |  |
| R1372 | Stenocopiinae                           |                                |  |
| R1373 | <i>Anoplosoma</i>                       | G O Sars, 1911                 |  |
| R1374 | <i>sordidum</i>                         | G O Sars, 1911                 | European coast.  |
| R1375 | <i>Malacopsyllus</i>                    | G O Sars, 1911                 |  |
| R1376 | <i>fragilis</i>                         | G O Sars, 1911                 | European coast - Norway.                                 |
| R1377 | <i>Stenocopia</i>                       | G O Sars, 1907                 |  |
| R1378 | <i>longicaudata</i>                     | (T Scott, 1892)                |  |
| R1379 | <i>setosa</i>                           | G O Sars, 1907                 | Not yet recorded from the area, Norwegian coast.         |
| R1380 | <i>spinosa</i>                          | (T Scott, 1892)                |  |
| R1381 | Paramesochridae                         |                                |  |
| R1382 | Paramesochrinae                         |                                |  |
| R1383 | <i>Apodopsyllus</i>                     | Kunz, 1962                     |  |
| R1384 | <i>africanus</i>                        | Kunz, 1962                     |  |
| R1385 | <i>africanus listensis</i>              | Mielke, 1975                   |  |
| R1386 | <i>arenicolus</i>                       | (Chappuis, 1954)               | Synonym: <i>Leptopsyllus arenicola</i> (Chappuis, 1954). |
| R1387 | <i>littoralis</i>                       | (Nicholls, 1939)               | Synonym: <i>Leptopsyllus littoralis</i> .                |
| R1388 | <i>madrasensis</i>                      | (Krishnaswamy, 1951)           |  |
| R1389 | <i>reductus</i>                         | (Petkovski, 1955)              |  |
| R1390 | <i>spinipes</i>                         | (Nicholls, 1939)               |  |
| R1391 | <i>Kliopsyllus</i>                      | Kunz, 1962                     |  |
| R1392 | <i>coelebs</i>                          | (Monard, 1935)                 | Formerly placed in <i>Paramesochra</i> .                 |
| R1393 | <i>constrictus</i>                      | (Nicholls, 1935)               |  |
| R1394 | <i>constrictus orotavae</i>             | (Noodt, 1958)                  |  |
| R1395 | <i>holsaticus</i>                       | (Klie, 1929)                   |  |
| R1396 | <i>laurenticus</i>                      | (Nicholls, 1939)               | Synonym: <i>Paramesochra laurentica</i> .                |
| R1397 | <i>longifurcatus</i>                    | Scheibel, 1975                 |  |
| R1398 | <i>longisetosus</i>                     | Krishnaswamy, 1951             |  |
| R1399 | <i>major</i>                            | (Nicholls, 1939)               | Formerly placed in <i>Paramesochra</i> .                 |
| R1400 | <i>paraholsaticus</i>                   | Mielke, 1975                   |  |
| R1401 | <i>perharidiensis</i>                   | (Wells, 1963)                  |  |
| R1402 | <i>pygmaeus</i>                         | (Nicholls, 1939)               |  |
| R1403 | <i>Leptopsyllus</i>                     | T Scott, 1894                  |  |
| R1404 | <i>celticus</i>                         | Bodin & Jackson, 1987          |  |
| R1405 | <i>elongatus</i>                        | Drzycimski, 1967               |  |
| R1406 | <i>harveyi</i>                          | Wells, 1963                    |  |
| R1407 | <i>paratypicus</i>                      | Nicholls, 1939                 |  |
| R1408 | <i>reductus</i>                         | Lang, 1948                     |  |
| R1409 | <i>typicus</i>                          | T Scott, 1894                  |  |
| R1410 | <i>Paramesochra</i>                     | T Scott, 1892                  | See Wells (1963).  |
| R1411 | <i>acutata</i>                          | Klie, 1935                     |  |
| R1412 | <i>dubia</i>                            | T Scott, 1892                  |  |
| R1413 | <i>helgolandica</i>                     | Kunz, 1936                     |  |
| R1414 | <i>longicaudata</i>                     | Nicholls, 1945                 |  |
| R1415 | <i>mielkei</i>                          | Huys, 1987                     |  |
| R1416 | <i>pteroaudata</i>                      | Kunz, 1936                     |  |
| R1417 | <i>similis</i>                          | Kunz, 1936                     |  |
| R1418 | <i>Remanea</i>                          | Klie, 1929                     |  |
| R1419 | <i>arenicola</i>                        | Klie, 1929                     |  |
| R1420 | <i>Scottopsyllus</i>                    | Kunz, 1962                     |  |
| R1421 | <i>Scottopsyllus (Scottopsyllus)</i>    | Kunz, 1962                     |  |
| R1422 | <i>herdmani</i>                         | (I C Thompson & A Scott, 1900) | Formerly placed in <i>Paramesochra</i> .                 |
| R1423 | <i>minor</i>                            | (T Scott & A Scott, 1895)      |  |
| R1424 | <i>robertsoni</i>                       | (T Scott & A Scott, 1895)      | Formerly placed in <i>Paramesochra</i> .                 |
| R1425 | <i>Scottopsyllus (Intermedopsyllus)</i> | Kunz, 1962                     |  |
| R1426 | <i>intermedius</i>                      | (T Scott & A Scott, 1895)      |  |
| R1427 | <i>minutus</i>                          | (Nicholls, 1939)               |  |
| R1428 | <i>Scottopsyllus (Wellsopsyllus)</i>    | Kunz, 1981                     |  |
| R1429 | <i>gigas</i>                            | (Wells, 1965)                  |  |
| R1430 | Diarthrodellinae                        |                                |  |
| R1431 | <i>Diarthrodella</i>                    | Klie, 1949                     |  |
| R1432 | <i>orbiculata</i>                       | Klie, 1949                     |  |
| R1433 | <i>parorbiculata</i>                    | Wells, 1963                    |  |
| R1434 | <i>psammophila</i>                      | (Bocquet & Bozic, 1955)        | European coast.  |
| R1435 | <i>secunda</i>                          | Kunz, 1954                     |  |
| R1436 | Tetragonicipitidae                      |                                |  |
| R1437 | <i>Diagoniceps</i>                      | Willey, 1930                   |  |
| R1438 | <i>bocki</i>                            | Lang, 1948                     |  |

|       |                          |                               |  |
|-------|--------------------------|-------------------------------|--|
| R1439 | <i>menaiensis</i>        | Geddes, 1968                  |  |
| R1440 | <i>Phyllopodopsyllus</i> | T Scott, 1906                 |  |
| R1441 | <i>bradyi</i>            | (T Scott, 1892)               |  |
| R1442 | <i>furciger</i>          | G O Sars, 1907                | European coast.  |
| R1443 | <i>hardingi</i>          | (Roe, 1955)                   |  |
| R1444 | <i>hibernicus</i>        | (Roe, 1955)                   |  |
| R1445 | <i>longicaudatus</i>     | A Scott, 1909                 |  |
| R1446 | <i>Pteropsyllus</i>      | T Scott, 1906                 |  |
| R1447 | <i>consimilis</i>        | (T Scott, 1894)               | Synonym: <i>P plebeius</i> Monard, 1935.   |
| R1448 | <i>Tetragoniceps</i>     | Brady, 1880                   |  |
| R1449 | <i>bergensis</i>         | Por, 1965                     | Norwegian coast.   |
| R1450 | <i>brevicauda</i>        | T Scott, 1899                 |  |
| R1451 | <i>malleolatus</i>       | Brady, 1880                   |  |
| R1452 | <i>scotti</i>            | G O Sars, 1911                |  |
| R1453 | Canthocamptidae          |                               |  |
| R1454 | <i>Bathycamptus</i>      | Huys & Thistle, 1990          |  |
| R1455 | <i>minutus</i>           | (Wells, 1965)                 |  |
| R1456 | <i>Boreolimella</i>      | Huys & Thistle, 1990          |  |
| R1457 | <i>dubia</i>             | (Wells, 1965)                 | Synonym: <i>Leimia dubia</i> .<br><i>Incerta sedis</i> in this family (Por, 1986).                                       |
| R1458 | <i>Cletocamptus</i>      | Delachaux, 1917               |  |
| R1459 | <i>confluens</i>         | (Schmeil, 1894)               | European coast.  |
| R1460 | <i>Hemimesochra</i>      | G O Sars, 1920                |  |
| R1461 | <i>clavularis</i>        | G O Sars, 1920                |  |
| R1462 | <i>Heteropsyllus</i>     | T Scott, 1894                 |  |
| R1463 | <i>confluens</i>         | Soyer, 1975                   |  |
| R1464 | <i>curticaudatus</i>     | T Scott, 1894                 |  |
| R1465 | <i>exiguus</i>           | (G O Sars, 1911)              | European coast.  |
| R1466 | <i>major</i>             | (G O Sars, 1920)              |  |
| R1467 | <i>masculus</i>          | Kunz, 1971                    |  |
| R1468 | <i>meridionalis</i>      | Soyer, 1975                   |  |
| R1469 | <i>nanus</i>             | (G O Sars, 1920)              |  |
| R1470 | <i>Itunella</i>          | Brady, 1896                   |  |
| R1471 | <i>muelleri</i>          | (Gagern, 1922)                |  |
| R1472 | <i>tenuiremis</i>        | (T Scott, 1893)               |  |
| R1473 | <i>Mesochra</i>          | Boeck, 1864                   |  |
| R1474 | <i>aestuarii</i>         | Gurney, 1921                  |  |
| R1475 | <i>anomala</i>           | Klie, 1950                    |  |
| R1476 | <i>armoricana</i>        | Monard, 1935                  | Roscoff (Lang 1948).   |
| R1477 | <i>heldti</i>            | Monard, 1935                  |  |
| R1478 | <i>inconspicua</i>       | (T Scott, 1899)               |  |
| R1479 | <i>lilljeborgi</i>       | Boeck, 1864                   |  |
| R1480 | <i>pontica</i>           | Marcus, 1965                  | Fal Estuary, Gee unpubl.   |
| R1481 | <i>pygmaea</i>           | (Claus, 1863)                 |  |
| R1482 | <i>rapiens</i>           | (Schmeil, 1894)               |  |
| R1483 | <i>reducta</i>           | Klie, 1950                    | European coast.  |
| R1484 | <i>xenopoda</i>          | Monard, 1935                  |  |
| R1485 | <i>Mesopsyllus</i>       | Huys & Thistle, 1990          |  |
| R1486 | <i>secunda</i>           | (Wells, 1965)                 |  |
| R1487 | <i>Nannomesochra</i>     | Gurney, 1932                  |  |
| R1488 | <i>arupinensis</i>       | (Brian, 1925)                 |  |
| R1489 | <i>Parepactophanes</i>   | Kunz, 1935                    | Genus <i>incerta sedis</i> in Canthocamptidae (Por, 1986).   |
| R1490 | <i>minuta</i>            | Kunz, 1935                    | European coast.  |
| R1491 | <i>Psammocamptus</i>     | Mielke, 1975                  |  |
| R1492 | <i>axi</i>               | Mielke, 1975                  |  |
| R1493 | <i>Pusillargillus</i>    | Huys & Thistle, 1990          |  |
| R1494 | <i>nixe</i>              | (Por, 1964)                   |  |
| R1495 | Orthopsyllidae           |                               |  |
| R1496 | <i>Orthopsyllus</i>      | Brady & Robertson, 1873       |  |
| R1497 | <i>linearis</i>          | (Claus, 1866)                 | Synonyms: <i>O. agnatus</i> Klie, 1950; <i>O. propinquus</i> Monard, 1926.<br>European coast.<br>Revised by Huys (1992). |
| R1498 | <i>sarsi</i>             | Klie, 1941                    |  |
| R1499 | Leptastacidae            |                               |  |
| R1500 | <i>Afroleptastacus</i>   | Huys, 1992                    |  |
| R1501 | <i>remanei</i>           | (Noodt, 1964)                 | Synonym: <i>Psammastacus remanei</i> . European coast.   |
| R1502 | <i>Archileptastacus</i>  | Huys, 1992                    |  |
| R1503 | <i>aberrans</i>          | (Chappuis, 1954)              | Synonym: <i>Leptastacus aberrans</i> . Not yet recorded from the area.   |
| R1504 | <i>Arenocaris</i>        | Nicholls, 1935                |  |
| R1505 | <i>bifida</i>            | Nicholls, 1935                |  |
| R1506 | <i>reducta</i>           | Huys, 1992                    |  |
| R1507 | <i>Leptastacus</i>       | T Scott, 1906                 |  |
| R1508 | <i>kwintei</i>           | Huys, 1992                    |  |
| R1509 | <i>laticaudatus</i>      | Nicholls, 1935                |  |
| R1510 | <i>macronyx</i>          | (T Scott, 1892)               |  |
| R1511 | <i>minutus</i>           | Chappuis, 1954                | European coast.  |
| R1512 | <i>pygmaeus</i>          | Huys, 1992                    |  |
| R1513 | <i>Minervella</i>        | Cottarelli & Venanzetti, 1989 |  |
| R1514 | <i>perplexa</i>          | (Wells & Clark, 1965)         | Synonym: <i>Psammastacus perplexus</i> .<br>Reviewed by C.G. Moore (1975).   |
| R1515 | <i>Paraleptastacus</i>   | Wilson, 1932                  |  |
| R1516 | <i>espinulatus</i>       | Nicholls, 1935                |  |
| R1517 | <i>holsaticus</i>        | Kunz, 1937                    |  |
| R1518 | <i>moorei</i>            | Whybrew, 1986                 |  |
| R1519 | <i>spinicauda</i>        | (T Scott & A Scott, 1895)     |  |
| R1520 | <i>supralittoralis</i>   | Mielke, 1975                  | European coast. Misspelt <i>supralittoralis</i> by Bodin (1988).   |
| R1521 | <i>Psammastacus</i>      | Nicholls, 1935                |  |
| R1522 | <i>confluens</i>         | Nicholls, 1935                | Synonym: <i>Psammastacus brevicaudatus</i> Nicholls, 1935.   |
| R1523 | <i>Schizothrix</i>       | Huys, 1992                    |  |
| R1524 | <i>pontica</i>           | (Griga, 1964)                 | Synonym: <i>Leptastacus tauricus</i> Marinov, 1974.  |
| R1525 | Cylindropsyllidae        |                               |  |
| R1526 | Cylindropsyllinae        |                               |  |
| R1527 | <i>Boreopontia</i>       | Willems, 1981                 |  |

|       |  |  |
|-------|--|--|
| R1528 | <i>heipi</i> Willems, 1981                     | European coast.  |
| R1529 | <i>Cylindropsyllus</i> Brady, 1880             |  |
| R1530 | <i>kunzi</i> Huys, 1987                        | European coast.  |
| R1531 | <i>laevis</i> Brady, 1880                      |  |
| R1532 | <i>remanei</i> Kunz, 1949                      |  |
| R1533 | <i>Evansula</i> T Scott, 1906                  |  |
| R1534 | <i>incerta</i> (T Scott, 1892)                 |  |
| R1535 | <i>pygmaea</i> (T Scott, 1903)                 |  |
| R1536 | <i>Stenocaris</i> G O Sars, 1909               |  |
| R1537 | <i>gracilis</i> G O Sars, 1909                 |  |
| R1538 | <i>kliei</i> Kunz, 1936                        |  |
| R1539 | <i>minor</i> (T Scott, 1892)                   |  |
| R1540 | <i>minuta</i> Nicholls, 1935                   |  |
| R1541 | <i>pontica</i> Chappuis & Serban, 1953         |  |
| R1542 | <i>pygmaea</i> Noodt, 1955                     |  |
| R1543 | <i>Stenocaropsis</i> Apostolov, 1982           |  |
| R1544 | <i>pristina</i> (Wells, 1968)                  | Formerly <i>Stenocaris</i> .   |
| R1545 | Leptopontiinae                                 |  |
| R1546 | <i>Arenopontia</i> Kunz, 1937                  |  |
| R1547 | <i>subterranea</i> Kunz, 1937                  |  |
| R1548 | <i>Leptopontia</i> T Scott, 1902               |  |
| R1549 | <i>curvicauda</i> T Scott, 1902                |  |
| R1550 | <i>Syrpicola</i> Willems & Claeys, 1982        |  |
| R1551 | <i>flandricus</i> Willems & Claeys, 1982       | European coast.  |
| R1552 | <i>trispinosus</i> (A Scott, 1896)             | Previously believed to be a member of the genus <i>Evansia</i> .   |
| R1553 | Psammosyllinae                                 |  |
| R1554 | <i>Pararenopontia</i> Bodiou & Colomines, 1986 |  |
| R1555 | <i>breviarticulata</i> (Mielke, 1975)          | Formerly <i>Arenopontia</i> . European coast.  |
| R1556 | Parastenocarididae                             |  |
| R1557 | <i>Parastenocaris</i> Kessler, 1913            | See Geddes (1980).   |
| R1558 | <i>phyllura</i> Kiefer, 1938                   |  |
| R1559 | <i>vicesima</i> Klie, 1935                     |  |
| R1560 | Cletodidae                                     |  |
| R1561 | <i>Acrenhydrosoma</i> Lang, 1948               |  |
| R1562 | <i>perplexum</i> (T Scott, 1899)               |  |
| R1563 | <i>Cletodes</i> Brady, 1872                    |  |
| R1564 | <i>latirostris</i> Drzycimski, 1967            | Over 200m in Norwegian fjords.   |
| R1565 | <i>limicola</i> Brady, 1872                    |  |
| R1566 | <i>longicaudatus</i> (Boeck, 1872)             |  |
| R1567 | <i>longifurca</i> Lang, 1948                   | Not recorded in area, Sweden and Baltic.   |
| R1568 | <i>pusillus</i> G O Sars, 1920                 |  |
| R1569 | <i>spinulatus</i> Por, 1967                    | Brittany coast.  |
| R1570 | <i>tenuipes</i> T Scott, 1896                  |  |
| R1571 | <i>Enhydrosoma</i> Boeck, 1872                 |  |
| R1572 | <i>buchholtzi</i> (Boeck, 1872)                |  |
| R1573 | <i>curticauda</i> Boeck, 1872                  |  |
| R1574 | <i>curvirostre</i> (T Scott, 1894)             |  |
| R1575 | <i>gariene</i> Gurney, 1930                    |  |
| R1576 | <i>longifurcatum</i> G O Sars, 1909            |  |
| R1577 | <i>propinquum</i> (Brady, 1880)                |  |
| R1578 | <i>sarsi</i> (T Scott, 1904)                   |  |
| R1579 | <i>sordidum</i> Monard, 1926                   |  |
| R1580 | <i>Monocletodes</i> Lang, 1936                 | Placed in Cletodidae by Fiers (1987).  |
| R1581 | <i>varians</i> (T Scott, 1903)                 |  |
| R1582 | <i>Stylicletodes</i> Lang, 1936                |  |
| R1583 | <i>longicaudatus</i> (Brady & Robertson, 1875) |  |
| R1584 | <i>reductus</i> Wells, 1965                    |  |
| R1585 | Paranannopidae                                 |  |
| R1586 | <i>Archisenia</i> Huys & Gee, 1992             |  |
| R1587 | <i>sibirica</i> (G O Sars, 1898)               | Arctic species. One unconfirmed record from Scotland.<br>Synonym: <i>Danielssenia stefanssoni</i> Willey 1920. |
| R1588 | <i>Danielssenia</i> Boeck, 1872                |  |
| R1589 | <i>quadriseta</i> Gee, 1988                    | Norwegian coast.   |
| R1590 | <i>typica</i> Boeck, 1872                      | Synonym: <i>D. fusiformis</i> sensu Sars, 1909.  |
| R1591 | <i>Fladenia</i> Gee & Huys, 1990               |  |
| R1592 | <i>robusta</i> (G O Sars, 1921)                | Synonyms: <i>Danielssenia robusta</i> ; <i>Danielssenia intermedia</i><br>Wells 1965.                          |
| R1593 | <i>Jonesiella</i> Brady, 1880                  |  |
| R1594 | <i>fusiformis</i> Brady, 1880                  | Synonyms: <i>Danielssenia perezi</i> Monard, 1935; <i>Sentirenia perezi</i> .                                  |
| R1595 | <i>Micropsammis</i> Mielke, 1975               |  |
| R1596 | <i>noodti</i> Mielke, 1975                     | European coast.  |
| R1597 | <i>Paradanielssenia</i> Soyer, 1970            |  |
| R1598 | <i>biclava</i> Gee, 1988                       |  |
| R1599 | <i>Paranannopus</i> Lang, 1936                 |  |
| R1600 | <i>abyssi</i> (G O Sars, 1920)                 |  |
| R1601 | <i>langi</i> Wells, 1965                       | This species and <i>P. triarticulatus</i> are almost certainly male and female of the same species.            |
| R1602 | <i>trarticulatus</i> Wells, 1965               |  |
| R1603 | <i>Psammis</i> G O Sars, 1910                  |  |
| R1604 | <i>longisetosa</i> G O Sars, 1910              |  |
| R1605 | <i>Telopsammis</i> Gee & Huys, 1991            |  |
| R1606 | <i>secunda</i> (Mielke, 1975)                  | Synonym: <i>Micropsammis secunda</i> .   |
| R1607 | Huntemanniidae                                 |  |
| R1608 | <i>Huntemannia</i> Poppe, 1884                 |  |
| R1609 | <i>jadensis</i> Poppe, 1884                    |  |
| R1610 | <i>micropus</i> Monard, 1935                   | Roscoff (Lang 1948).   |
| R1611 | <i>Metahuntemannia</i> Smirnov, 1946           |  |
| R1612 | <i>crassa</i> (Por, 1965)                      | European coast.  |
| R1613 | <i>smirnovi</i> Drzycimski, 1968               | Norwegian fjords below 200m.   |
| R1614 | <i>spinosa</i> Smirnov, 1946                   |  |

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|-------|---|--|
| R1615 | <i>Nannopus</i> Brady, 1880                             |  |
| R1616 | <i>palustris</i> Brady, 1880                            |  |
| R1617 | <i>Pontopolites</i> T Scott, 1894                       |  |
| R1618 | <i>typicus</i> T Scott, 1894                            |  |
| R1619 | <i>Pseudocletodes</i> T Scott & A Scott, 1893           |  |
| R1620 | <i>vararensis</i> T Scott & A Scott, 1893               |  |
| R1621 | Rhizotrichidae  |  |
| R1622 | <i>Rhizothrix</i> Brady & Robertson, 1875               | See Wells (1963).  |
| R1623 | <i>curvata</i> Brady & Robertson, 1875                  |  |
| R1624 | <i>gracilis</i> (T Scott, 1903)                         |  |
| R1625 | <i>minuta</i> (T Scott, 1903)                           |  |
| R1626 | <i>reducta</i> Noodt, 1952                              |  |
| R1627 | <i>wilsoni</i> Bodin, 1979                              | European coast.  |
| R1628 | <i>Tryphoema</i> Monard, 1926                           | Synonym: <i>Adelopoda</i> Pennak 1942.   |
| R1629 | <i>bocqueti</i> (Bozic, 1953)                           |  |
| R1630 | <i>lusitanica</i> (Wells & Clark, 1965)                 |  |
| R1631 | <i>porca</i> Monard, 1926                               |  |
| R1632 | <i>scilloniensis</i> (Wells, 1968)                      |  |
| R1633 | Argestidae  |  |
| R1634 | <i>Argestes</i> G O Sars, 1910                          |  |
| R1635 | <i>mollis</i> G O Sars, 1910                            | Norwegian fjords below 200m.   |
| R1636 | <i>Argestigens</i> Willey, 1935                         |  |
| R1637 | <i>uniremis</i> Willey, 1935                            |  |
| R1638 | <i>Eurycletodes</i> G O Sars, 1909                      |  |
| R1639 | <i>Eurycletodes</i> ( <i>Eurycletodes</i> ) Lang, 1948  |  |
| R1640 | <i>laticauda</i> (Boeck, 1872)                          |  |
| R1641 | <i>serratus</i> G O Sars, 1920                          |  |
| R1642 | <i>Eurycletodes</i> ( <i>Oligocletodes</i> ) Lang, 1948 |  |
| R1643 | <i>aculeatus</i> G O Sars, 1920                         | Norwegian coast.   |
| R1644 | <i>irelandica</i> Roe, 1959                             |  |
| R1645 | <i>latus</i> (T Scott, 1892)                            |  |
| R1646 | <i>major</i> G O Sars, 1909                             | Norwegian coast.   |
| R1647 | <i>minutus</i> G O Sars, 1920                           | Deep water, Norwegian coast.   |
| R1648 | <i>oblongus</i> G O Sars, 1920                          |  |
| R1649 | <i>similis</i> (T Scott, 1895)                          |  |
| R1650 | <i>Fultonia</i> T Scott, 1902                           |  |
| R1651 | <i>hirsuta</i> T Scott, 1902                            |  |
| R1652 | <i>Leptocletodes</i> G O Sars, 1920                     |  |
| R1653 | <i>debilis</i> G O Sars, 1920                           | Norwegian coast.   |
| R1654 | <i>Mesocletodes</i> G O Sars, 1909                      |  |
| R1655 | <i>abyssicola</i> (T Scott & A Scott, 1901)             | Norwegian fjords below 200m.   |
| R1656 | <i>arenicola</i> Noodt, 1952                            | European coast.  |
| R1657 | <i>carpinei</i> Soyer, 1975                             | Celtic Sea, Gee pers. comm.  |
| R1658 | <i>fladensis</i> Wells, 1965                            |  |
| R1659 | <i>irrasus</i> (T Scott & A Scott, 1894)                |  |
| R1660 | <i>katherinae</i> Soyer, 1964                           | Celtic Sea, Gee pers. comm.  |
| R1661 | <i>monensis</i> (I C Thompson, 1893)                    |  |
| R1662 | <i>robustus</i> Por, 1965                               | Norwegian fjords below 200m.   |
| R1663 | <i>Neoargestes</i> Drzycimski, 1967                     |  |
| R1664 | <i>variabilis</i> Drzycimski, 1967                      | Norwegian fjords below 200m.   |
| R1665 | <i>Parargestes</i> Lang, 1944                           |  |
| R1666 | <i>tenuis</i> (G O Sars, 1921)                          | Norwegian coast.   |
| R1667 | Laophontidae  |  |
| R1668 | <i>Asellopsis</i> Brady & Robertson, 1873               |  |
| R1669 | <i>hispida</i> Brady & Robertson, 1873                  |  |
| R1670 | <i>intermedia</i> (T Scott, 1895)                       |  |
| R1671 | <i>Echinolaophonte</i> Nicholls, 1941                   | Synonym: <i>Onychocamptus</i> (" <i>horridus</i> " group of Lang (1948)).<br>Norway - Oslofjord. |
| R1672 | <i>brevispinosa</i> (G O Sars, 1908)                    |  |
| R1673 | <i>horrida</i> (Norman, 1876)                           |  |
| R1674 | <i>Esola</i> Edwards, 1891                              |  |
| R1675 | <i>bulligera</i> (Farran, 1913)                         |  |
| R1676 | <i>longicauda</i> Edwards, 1891                         |  |
| R1677 | <i>longiremis</i> (T Scott, 1904)                       |  |
| R1678 | <i>typhlops</i> (G O Sars, 1920)                        |  |
| R1679 | <i>Harrietella</i> T Scott, 1906                        |  |
| R1680 | <i>simulans</i> (T Scott, 1894)                         |  |
| R1681 | <i>Hemilaophonte</i> Jakubisiak, 1932                   |  |
| R1682 | <i>janinae</i> Jakubisiak, 1932                         | European coast, Roscoff.   |
| R1683 | <i>Heterolaophonte</i> Lang, 1944                       |  |
| R1684 | <i>brevipes</i> Roe, 1958                               |  |
| R1685 | <i>denticulata</i> Roe, 1958                            |  |
| R1686 | <i>hamondi</i> Hicks, 1975                              | Synonym: <i>H. bisetosa</i> Mielke, 1975.  |
| R1687 | <i>littoralis</i> (T Scott & A Scott, 1893)             |  |
| R1688 | <i>longisetigera</i> (Klie, 1950)                       |  |
| R1689 | <i>minuta</i> (Boeck, 1872)                             | Synonym: <i>Laophonte subsalsa</i> Brady 1902.   |
| R1690 | <i>norvegica</i> Drzycimski, 1968                       | Deep water, Norway.  |
| R1691 | <i>phycobates</i> (Monard, 1935)                        | Roscoff (Lang 1948).   |
| R1692 | <i>stroemi</i> (Baird, 1837)                            |  |
| R1693 | <i>stroemi</i> var. <i>brevicaudata</i> Monard, 1928    |  |
| R1694 | <i>stroemi paraminuta</i> Noodt, 1955                   | European coast.  |
| R1695 | <i>uncinata</i> (Czerniavski, 1868)                     | Roscoff (Lang 1948).   |
| R1696 | <i>Klieonychocamptus</i> Noodt, 1958                    |  |
| R1697 | <i>kliei</i> (Monard, 1935)                             | Synonym: <i>Onychocamptus kliei</i> in Lang (1948).  |
| R1698 | <i>Laophonte</i> Philippi, 1840                         |  |
| R1699 | <i>baltica</i> Klie, 1929                               |  |
| R1700 | <i>brevifurca</i> G O Sars, 1920                        | Oslo area.   |
| R1701 | <i>commensalis</i> Raibaut, 1961                        |  |
| R1702 | <i>cornuta</i> Philippi, 1840                           |  |
| R1703 | <i>danversae</i> Hamond, 1969                           |  |
| R1704 | <i>denticornis</i> T Scott, 1894                        |  |

- R1705 *depressa* T Scott, 1894  
R1706 *dominicalis* Monard, 1935 Roscoff (Lang 1948).  
R1707 *elongata* Boeck, 1872  
R1708 *farrani* Roe, 1958 Species *incerta sedis* according to Lang (1965).  
R1709 *foxi* Harding, 1956  
R1710 *inopinata* T Scott, 1892  
R1711 *inornata* A Scott, 1902  
R1712 *longicaudata* Boeck, 1864  
R1713 *longicaudata reducta* Lang, 1936  
R1714 *parvula* G O Sars, 1908 Synonym: *L. sima* Gurney, 1927.  
R1715 *parvuloides* Monard, 1935 Roscoff (Lang, 1948).  
R1716 *serrata* (Claus, 1863)  
R1717 *setosa* Boeck, 1864  
R1718 *sima* Gurney, 1927  
R1719 *thoracica* Boeck, 1864  
R1720 *trilobata* Willey, 1929 Synonym: *L. foxi* Harding, 1956.  
R1721 *Laophontina* Norman & T Scott, 1905  
R1722 *dubia* Norman & T Scott, 1905 See Fiers (1991). Synonym: *L. paradubia* Cottarelli, 1983.  
R1723 *Onychocamptus* Daday, 1903  
R1724 *mohammed* (Blanchard & Richard, 1891)  
R1725 *Paralaophonte* Lang, 1948  
R1726 *brevirostris* (Claus, 1863)  
R1727 *congenera* (G O Sars, 1908)  
R1728 *karmensis* (G O Sars, 1911)  
R1729 *macera* (G O Sars, 1908)  
R1730 *perplexa* (T Scott, 1898)  
R1731 *spitzbergensis* Mielke, 1974  
R1732 *tenera* (G O Sars, 1920)  
R1733 *Paronychocamptus* Lang, 1944  
R1734 *curticaudatus* (Boeck, 1864)  
R1735 *nanus* (G O Sars, 1908)  
R1736 *Pilifera* Noodt, 1952  
R1737 *gracilis* (T Scott, 1903) Synonym: *Pseudonychocamptus gracilis* in Lang (1948).  
R1738 *Platyhelipus* Brady, 1880  
R1739 *laophontoides* G O Sars, 1908  
R1740 *littoralis* Brady, 1880  
R1741 *Pseudolaophonte* A Scott, 1896  
R1742 *glemareci* Bodin, 1977 European coast, Roscoff aquarium.  
R1743 *proteus* Klie, 1950 European coast.  
R1744 *spinosa* (I C Thompson, 1893)  
R1745 *Pseudonychocamptus* Lang, 1948  
R1746 *abbreviatus* (G O Sars, 1920) Norwegian coast.  
R1747 *carthyi* Hamond, 1968  
R1748 *koreni* (Boeck, 1872)  
R1749 *proximus* (G O Sars, 1908)  
R1750 *Quinquelaophonte* Wells, Hicks & Coull, 1982 Synonym: *Heterolaophonte* ("quinquespinosa" group in Lang (1948)).  
R1751 *quinquespinosa* (Sewell, 1924) One record from Exe estuary (Wells, 1963) under name *Heterolaophonte sigmoides* Willey, 1930, doubtful.
- R1752 **Laophontopsidae**  
R1753 *Laophontopsis* G O Sars, 1908  
R1754 *lamellifera* (Claus, 1863)  
R1755 **Normanellidae**  
R1756 *Normanella* Brady, 1880  
R1757 *dubia* (Brady & Robertson, 1875)  
R1758 *minuta* (Boeck, 1872)  
R1759 *mucronata* G O Sars, 1909  
R1760 *quarta* Monard, 1935  
R1761 *similis* Lang, 1936 European coast- Sgagerrak.  
R1762 *tenuifurca* G O Sars, 1909  
R1763 **Ancorabolidae**  
R1764 **Ancorabolinae**  
R1765 *Ancorabolus* Norman, 1903  
R1766 *mirabilis* Norman, 1903  
R1767 *Arthroposyllus* G O Sars, 1909  
R1768 *serratus* G O Sars, 1909  
R1769 *Ceratonotus* G O Sars, 1909  
R1770 *pectinatus* G O Sars, 1909 Norwegian fjords below 200m.  
R1771 *Dorsiceratus* Drzycimski, 1967  
R1772 *octocornis* Drzycimski, 1967 Norwegian fjords below 200m.  
R1773 *Echinocletodes* Lang, 1936  
R1774 *armatus* (T Scott, 1902) Outside the area, Faeroes.  
R1775 *Echinopsyllus* G O Sars, 1909  
R1776 *normani* G O Sars, 1909  
R1777 **Laophontodinae**  
R1778 *Laophontodes* T Scott, 1894  
R1779 *armatus* Lang, 1936 Loch Nevis, west coast of Scotland.  
R1780 *bicornis* A Scott, 1896  
R1781 *expansus* G O Sars, 1908 Norwegian coast.  
R1782 *gracilipes* Lang, 1936 Norwegian coast.  
R1783 *typicus* T Scott, 1894  
R1784 **Adenopleurellidae**  
R1785 *Sarsocletodes* Wilson, 1924  
R1786 *typicus* (G O Sars, 1920)  
R1787 **POECILOSTOMATOIDA**  
R1788 **Ergasilidae**  
R1789 *Ergasilus* von Nordmann, 1832  
R1790 *gibbus* von Nordmann, 1832  
R1791 *lizae* Kroyer, 1863  
R1792 *Thersitina* Norman, 1905 Synonym: *E. nanus* van Beneden, 1870.



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|-------|---|---|
| R1793 | <i>gasterostei</i> (Pagenstecher, 1861)       |   |
| R1794 | Octopicolidae                                 |   |
| R1795 | <i>Octopicola</i> Humes, 1957                 |   |
| R1796 | <i>superbus</i> Humes, 1957                   |   |
| R1797 | Rhynchomolgidae                               |   |
| R1798 | <i>Critomolgus</i> Humes & Stock, 1983        |   |
| R1799 | <i>actinae</i> (Delle Valle, 1880)            |   |
| R1800 | <i>bulbipes</i> (Stock & Kleeton, 1963)       | See Holmes & Gotto (1992).  |
| R1801 | <i>Doridicola</i> Leydig, 1853                |   |
| R1802 | <i>agilis</i> Leydig, 1853                    | See Boxshall & Platts (1978).   |
| R1803 | <i>chlamydis</i> (Humes & Stock, 1973)        |   |
| R1804 | <i>hirsutipes</i> (T Scott, 1893)             |   |
| R1805 | <i>longicauda</i> (Claus, 1860)               |   |
| R1806 | <i>Paranthessius</i> Claus, 1889              |   |
| R1807 | <i>anemoniae</i> Claus, 1889                  | See Humes (1982).   |
| R1808 | Macrochironidae                               |   |
| R1809 | <i>Macrochiron</i> Brady, 1872                |   |
| R1810 | <i>fuscicolum</i> Brady, 1872                 |   |
| R1811 | Sabelliphilidae                               |   |
| R1812 | <i>Acaenomolgus</i> Humes & Stock, 1972       |   |
| R1813 | <i>protulae</i> (Stock, 1959)                 |   |
| R1814 | <i>Eupolyminphilus</i> Humes & Boxshall, 1996 |   |
| R1815 | <i>finmarchicus</i> (T Scott, 1903)           | Synonym: <i>Scambicornus armoricanus</i> (Bocquet, Stock & Kleeton, 1963) |
| R1816 | <i>Myxomolgus</i> Humes & Stock, 1972         |   |
| R1817 | <i>myxicolae</i> (Bocquet & Stock, 1958)      |   |
| R1818 | <i>proximus</i> Humes & Stock, 1973           |   |
| R1819 | <i>Sabelliphilus</i> M Sars, 1862             |   |
| R1820 | <i>elongatus</i> M Sars, 1862                 |   |
| R1821 | <i>sarsi</i> Claparède, 1870                  |   |
| R1822 | Lichomolgidae                                 | See Humes & Stock (1973).   |
| R1823 | <i>Astericola</i> Rosoll, 1889                |   |
| R1824 | <i>clausi</i> Rosoll, 1889                    | Synonym: <i>L. asterinae</i> Bocquet, 1952                                |
| R1825 | <i>Epimolgus</i> Bocquet & Stock, 1956        |   |
| R1826 | <i>trochi</i> (Canu, 1899)                    |   |
| R1827 | <i>Herrmannella</i> Canu, 1891                |   |
| R1828 | <i>barneae</i> (Pelseneer, 1929)              | See Hamond (1973b).   |
| R1829 | <i>duggani</i> Holmes & Minchin, 1991         |   |
| R1830 | <i>haploceras</i> (Bocquet & Stock, 1959)     |   |
| R1831 | <i>parva</i> Norman & T Scott, 1905           |   |
| R1832 | <i>pecteni</i> (Sowinski, 1884)               |   |
| R1833 | <i>rostrata</i> Canu, 1891                    | See Hamond (1973b).   |
| R1834 | <i>valida</i> G O Sars, 1918                  |   |
| R1835 | <i>Heteranthessius</i> T Scott, 1904          |   |
| R1836 | <i>dubius</i> (T Scott, 1903)                 |   |
| R1837 | <i>furcatus</i> Stock, 1971                   |   |
| R1838 | <i>scotti</i> Bocquet, Stock & Bénard, 1959   |   |
| R1839 | <i>Lichomolgella</i> G O Sars, 1918           |   |
| R1840 | <i>pusilla</i> G O Sars, 1918                 |   |
| R1841 | <i>Lichomolgides</i> Gotto, 1954              |   |
| R1842 | <i>cuansensis</i> Gotto, 1954                 |   |
| R1843 | <i>Lichomolgidium</i> Kossmann, 1877          |   |
| R1844 | <i>cynthiae</i> (Brian, 1924)                 |   |
| R1845 | <i>Lichomolgus</i> Thorell, 1859              |   |
| R1846 | <i>albens</i> Thorell, 1859                   |   |
| R1847 | <i>canui</i> G O Sars, 1917                   |   |
| R1848 | <i>diazonae</i> Gotto, 1961                   |   |
| R1849 | <i>forficula</i> Thorell, 1859                |   |
| R1850 | <i>furcillatus</i> Thorell, 1859              |   |
| R1851 | <i>leptodermatus</i> Gooding, 1957            |   |
| R1852 | <i>marginatus</i> Thorell, 1859               |   |
| R1853 | <i>Modiolicola</i> Aurivillius, 1882          |   |
| R1854 | <i>inermis</i> Canu, 1892                     |   |
| R1855 | <i>insignis</i> Aurivillius, 1882             |   |
| R1856 | <i>maximus</i> (I C Thompson, 1893)           |   |
| R1857 | <i>Zygomolgus</i> Humes & Stock, 1972         |   |
| R1858 | <i>curtiramus</i> (Bocquet & Stock, 1962)     |   |
| R1859 | <i>didemni</i> (Gotto, 1956)                  |   |
| R1860 | <i>poucheti</i> (Canu, 1891)                  |   |
| R1861 | <i>tenuifurcatus</i> (G O Sars, 1917)         |   |
| R1862 | Pseudanthessiidae                             |   |
| R1863 | <i>Pseudanthessius</i> Claus, 1889            |   |
| R1864 | <i>assimilis</i> G O Sars, 1917               |   |
| R1865 | <i>dubius</i> G O Sars, 1918                  |   |
| R1866 | <i>gracilis</i> Claus, 1889                   |   |
| R1867 | <i>liber</i> (Brady, 1880)                    |   |
| R1868 | <i>nemertophilus</i> Gallien, 1936            |   |
| R1869 | <i>sauvagei</i> Canu, 1891                    |   |
| R1870 | <i>thorelli</i> (Brady, 1880)                 |   |
| R1871 | Gastrodelphyidae                              |   |
| R1872 | <i>Gastrodelphys</i> Graeffe, 1883            |   |
| R1873 | <i>clausii</i> Graeffe, 1883                  |   |
| R1874 | Oncaeidae                                     | Reviewed by Malt (1982); includes <i>Conaea</i> Giesbrecht, 1891.         |
| R1875 | <i>Epicalymma</i> Heron, 1977                 |   |
| R1876 | <i>exigua</i> (Farran, 1908)                  |   |
| R1877 | <i>Lubbockia</i> Claus, 1863                  |   |
| R1878 | <i>aculeata</i> Giesbrecht, 1891              |   |
| R1879 | <i>brevis</i> Farran, 1908                    |   |
| R1880 | <i>minuta</i> Wolfenden, 1905                 |   |
| R1881 | <i>squillimana</i> Claus, 1863                |   |

- R1882 *Oncaea* Philippi, 1843  
R1883 *anglica* Brady, 1905 See Bossanyi & Bull (1971).  
R1884 *borealis* G O Sars, 1918  
R1885 *conifera* Giesbrecht, 1891  
R1886 *gracilis* (Dana, 1849)  
R1887 *ivlevi* Shmeleva, 1966  
R1888 *media* Giesbrecht, 1891  
R1889 *mediterranea* (Claus, 1863)  
R1890 *minuta* Giesbrecht, 1892  
R1891 *notopus* Giesbrecht, 1891  
R1892 *obscura* Farran, 1908  
R1893 *ornata* Giesbrecht, 1891  
R1894 *similis* G O Sars, 1918  
R1895 *subtilis* Giesbrecht, 1892  
R1896 *venusta* Philippi, 1843  
R1897 *Pseudolubbockia* G O Sars, 1909  
R1898 *dilatata* G O Sars, 1909  
R1899 Sapphirinidae  
R1900 *Copilia* Dana, 1849  
R1901 *vitrea* Haeckel, 1864  
R1902 *Corina* Giesbrecht, 1891  
R1903 *granulosa* Giesbrecht, 1891  
R1904 *Sapphirina* J V Thompson, 1829  
R1905 *angusta* Dana, 1849  
R1906 *iris* Dana, 1849  
R1907 *nigromaculata* Claus, 1863  
R1908 *opalina* Dana, 1849  
R1909 *ovatlanceolata* Dana, 1849  
R1910 *sali* Farran, 1929  
R1911 Clausidiidae  
R1912 *Conchylurus* Bocquet & Stock, 1957  
R1913 *cardii* Gooding, 1957  
R1914 *cardii tapetis* Bocquet & Stock, 1958 See Hamond (1973b).  
R1915 *solenis* Bocquet & Stock, 1957  
R1916 *Giardella* Canu, 1888  
R1917 *callianassae* Canu, 1888 See Stock (1973a).  
R1918 *thompsoni* (A Scott, 1906) See Stock (1973a).  
R1919 *Hemicyclops* Boeck, 1873  
R1920 *aberdonensis* (T Scott & A Scott, 1892)  
R1921 *cylindraceus* (Pelseneer, 1929)  
R1922 *purpureus* Boeck, 1873  
R1923 *Hersiliodes* Canu, 1888  
R1924 *latericia* (Grube, 1869) See Holmes (1986).  
R1925 *Hippomolgus* G O Sars, 1917  
R1926 *furcifer* G O Sars, 1917  
R1927 *Leptinogaster* Pelseneer, 1929  
R1928 *histrion* (Pelseneer, 1929)  
R1929 *pholadis* Pelseneer, 1929  
R1930 *Pseudopsyllus* T Scott, 1902  
R1931 *elongatus* T Scott, 1902  
R1932 Clausiidae Reviewed by O'Reilly (1995a).  
R1933 *Clausia* Claparède, 1863  
R1934 *lubbocki* Claparède, 1863 See Hamond (1973b).  
R1935 *uniseta* Bocquet & Stock, 1960 See Hamond (1973b).  
R1936 *Megaclausia* O'Reilly, 1995  
R1937 *mirabilis* O'Reilly, 1995  
R1938 *Mesnilia* Canu, 1898  
R1939 *cluthae* (T Scott & A Scott, 1896)  
R1940 *martinensis* Canu, 1898  
R1941 *Pseudoclausia* Bocquet & Stock, 1960  
R1942 *longiseta* Bocquet & Stock, 1960  
R1943 *Rhodinicola* Levinsen, 1878  
R1944 *elongata* Levinsen, 1878  
R1945 Synaptiphilidae  
R1946 *Presynaptiphilus* Bocquet & Stock, 1960  
R1947 *acrocnidae* Bocquet & Stock, 1960  
R1948 *Synaptiphilus* Canu & Cuénot, 1892  
R1949 *cantacuzenei* Bocquet & Stock, 1957  
R1950 *luteus* Canu & Cuénot, 1892 See Humes (1980).  
R1951 *tridens* (T Scott & A Scott, 1893) See Gotto (1984).  
R1952 Entobiidae  
R1953 *Entobius* Dogiel, 1908  
R1954 *hamondi* Gotto, 1966  
R1955 Catiniidae  
R1956 *Catinia* Bocquet & Stock, 1957  
R1957 *plana* Bocquet & Stock, 1957  
R1958 *Myzomolgus* Bocquet & Stock, 1957  
R1959 *stupendus* Bocquet & Stock, 1957  
R1960 Eunicicolidae  
R1961 *Eunicicola* Kurz, 1877  
R1962 *clausii* Kurz, 1877  
R1963 *insolens* (T Scott & A Scott, 1898)  
R1964 Nereicolidae See O'Reilly (1995b) in Mackie *et al.* (1995).  
R1965 *Nereicola* Keferstein, 1863  
R1966 *ovata* Keferstein, 1863  
R1967 *Selioides* Levinsen, 1878  
R1968 *bocqueti* Carton, 1963  
R1969 *bolbroei* Levinsen, 1878  
R1970 *Sigecheres* Bresciani, 1964  
R1971 *brittae* Bresciani, 1964  
R1972 Mytilicolidae

|       |   |   |
|-------|---|---|
| R1973 | <i>Mytilicola</i> Steuer, 1902                          |   |
| R1974 | <i>intestinalis</i> Steuer, 1902                        |   |
| R1975 | <i>orientalis</i> Mori, 1935                            |   |
| R1976 | <i>Trochicola</i> Dollfus, 1914                         |   |
| R1977 | <i>entericus</i> Dollfus, 1914                          |   |
| R1978 | Nucellicolidae  |   |
| R1979 | <i>Nucellicola</i> Lamb, Boxshall, Mill & Grahame, 1996 |   |
| R1980 | <i>holmanae</i> Lamb, Boxshall, Mill & Grahame, 1996    |   |
| R1981 | Anthessiidae  |   |
| R1982 | <i>Anthessius</i> Della Valle, 1880                     |   |
| R1983 | <i>arenicolus</i> (Brady, 1872)                         |   |
| R1984 | <i>leptostylis</i> (G O Sars, 1916)                     |   |
| R1985 | <i>teissieri</i> Bocquet & Stock, 1958                  |   |
| R1986 | <i>Rhinomolgus</i> G O Sars, 1918                       |   |
| R1987 | <i>anomalus</i> G O Sars, 1918                          |   |
| R1988 | Mycolidae   |   |
| R1989 | <i>Mycicola</i> Wright, 1885                            |   |
| R1990 | <i>ostreae</i> Hoshina & Sugiura, 1953                  |   |
| R1991 | Corycaeidae   |   |
| R1992 | <i>Corycaeus</i> Dana, 1849                             |   |
| R1993 | <i>anglicus</i> Lubbock, 1855                           |   |
| R1994 | <i>clausi</i> Dahl, 1894                                |   |
| R1995 | <i>fiaccus</i> Giesbrecht, 1891                         |   |
| R1996 | <i>furcifer</i> Claus, 1863                             |   |
| R1997 | <i>giesbrechti</i> Dahl, 1894                           |   |
| R1998 | <i>speciosus</i> Dana, 1849                             |   |
| R1999 | <i>venustus</i> Dana, 1849                              |   |
| R2000 | <i>Corycella</i> Farran, 1911                           | One doubtful and unconfirmed record from the area.                          |
| R2001 | <i>rostrata</i> (Claus, 1863)                           |   |
| R2002 | Bomolochidae  |   |
| R2003 | <i>Bomolochus</i> von Nordmann, 1832                    |   |
| R2004 | <i>bellones</i> Burmeister, 1835                        |   |
| R2005 | <i>soleae</i> Claus, 1864                               |   |
| R2006 | <i>Holobomolochus</i> Vervoort, 1969                    |   |
| R2007 | <i>confusus</i> (Stock, 1953)                           |   |
| R2008 | Taeniacanthidae   |   |
| R2009 | <i>Taeniacanthus</i> Sumpf, 1871                        |   |
| R2010 | <i>laqueus</i> (Leigh-Sharpe, 1935)                     |   |
| R2011 | <i>lucipetus</i> (Holmes, 1985)                         |   |
| R2012 | <i>onosi</i> (T Scott, 1902)                            |   |
| R2013 | <i>wilsoni</i> A Scott, 1929                            |   |
| R2014 | <i>zeugopteri</i> (T Scott, 1902)                       |   |
| R2015 | Chondracanthidae  |   |
| R2016 | <i>Acanthochondria</i> Oakley, 1927                     |   |
| R2017 | <i>clavata</i> (Bassett-Smith, 1896)                    |   |
| R2018 | <i>cornuta</i> (O F Müller, 1776)                       | Synonym: <i>Chondracanthus depressus</i> T.Scott, 1905.                     |
| R2019 | <i>limandae</i> (Kröyer, 1863)                          |   |
| R2020 | <i>soleae</i> (Kröyer, 1838)                            |   |
| R2021 | <i>Acanthochondrites</i> Oakley, 1930                   |   |
| R2022 | <i>annulatus</i> (Olsson, 1869)                         |   |
| R2023 | <i>Chondracanthus</i> Delaroche, 1811                   |   |
| R2024 | <i>lophii</i> Johnston, 1836                            |   |
| R2025 | <i>merlucii</i> (Holten, 1802)                          |   |
| R2026 | <i>neali</i> Leigh-Sharpe, 1930                         |   |
| R2027 | <i>nodosus</i> (O F Müller, 1776)                       |   |
| R2028 | <i>ornatus</i> T Scott, 1900                            |   |
| R2029 | <i>zei</i> Delaroche, 1811                              |   |
| R2030 | <i>Lermentoma</i> de Blainville, 1822                   |   |
| R2031 | <i>asellina</i> (Linnaeus, 1758)                        |   |
| R2032 | Splanchnotrophidae                                      |   |
| R2033 | <i>Lomanotricula</i> T Scott & A Scott, 1895            |   |
| R2034 | <i>insolens</i> T Scott & A Scott, 1895                 |   |
| R2035 | <i>Splanchnotrophus</i> Hancock & Norman, 1863          |   |
| R2036 | <i>brevipes</i> Hancock & Norman, 1863                  |   |
| R2037 | <i>gracilis</i> Hancock & Norman, 1863                  |   |
| R2038 | Antheacheridae  |   |
| R2039 | <i>Staurosoma</i> Will, 1844                            |   |
| R2040 | <i>parasiticum</i> Will, 1844                           |   |
| R2041 | Philichthyidae  |   |
| R2042 | <i>Leposiphilus</i> Hesse, 1866                         |   |
| R2043 | <i>labrei</i> Hesse, 1866                               |   |
| R2044 | <i>Philichthys</i> Steenstrup, 1862                     |   |
| R2045 | <i>xiphiae</i> Steenstrup, 1862                         |   |
| R2046 | Lamippidae  |   |
| R2047 | <i>Enalcyonium</i> Olsson, 1869                         |   |
| R2048 | <i>forbesi</i> (T Scott, 1901)                          |   |
| R2049 | <i>olssoni</i> (De Zulueta, 1908)                       |   |
| R2050 | <i>rubicundum</i> Olsson, 1869                          |   |
| R2051 | <i>Lamippe</i> Bruzelius, 1858                          |   |
| R2052 | <i>rubra</i> Bruzelius, 1858                            |   |
| R2053 | <i>Lamipella</i> Bouligand & Delamare Deboutville, 1959 |   |
| R2054 | <i>faurei</i> Bouligand & Delamare Deboutville, 1959    |   |
| R2055 | Mesoglicolidae  |   |
| R2056 | <i>Mesoglicola</i> Quidor, 1906                         |   |
| R2057 | <i>delagei</i> Quidor, 1906                             |   |
| R2058 | Incertae sedis  |   |
| R2059 | <i>Conchocheres</i> G O Sars, 1918                      |   |
| R2060 | <i>malleolatus</i> G O Sars, 1918                       |   |
| R2061 | <b>SIPHONOSTOMATOIDA</b>                                | Follows Kabata (1979); Gotto (1979). See also Gotto (1993), Kabata (1992b). |
| R2062 | Rataniidae  |   |

- R2063 *Ratania* Giesbrecht, 1891  
R2064 *atlantica* Farran, 1926  
R2065 *flava* Giesbrecht, 1891
- Asterocheridae  
R2066 *Acontiophorus* Brady, 1880  
R2067 *armatus* Brady, 1880  
R2068 *scutatus* (Brady & Robertson, 1873)  
R2069 *Asterocheres* Boeck, 1859  
R2070 *boeckii* (Brady, 1880)  
R2071 *echinicola* (Norman, 1868)  
R2072 *ellisi* Hamond, 1968 See Hamond (1973b).  
R2073 *latus* (Brady, 1880)  
R2074 *lilljeborgi* Thorell, 1859  
R2075 *parvus* Giesbrecht, 1897  
R2076 *renaudi* Canu, 1891  
R2077 *simulans* T Scott, 1894  
R2078 *siphonatus* (Thorell, 1859)  
R2079 *stimulans* Giesbrecht, 1897  
R2080 *suberitis* Giesbrecht, 1899  
R2081 *violaceus* (Claus, 1889)  
R2082 *Collocheres* Canu, 1893  
R2083 *elegans* A Scott, 1896  
R2084 *gracilicauda* (Brady, 1880)  
R2085 *gracilipes* Stock, 1966  
R2086 *Dermatomyzon* Claus, 1889  
R2087 *nigripes* (Brady & Robertson, 1876)  
R2088 *Mesocheres* Norman & T Scott, 1905  
R2089 *anglicus* Norman & T Scott, 1905  
R2090 *Rhynchomyzon* Giesbrecht, 1895  
R2091 *purpurocinctum* (T Scott, 1893)  
R2092 *Scottocheres* Giesbrecht, 1897  
R2093 *elongatus* (T Scott & A Scott, 1894)  
R2094 *Scottomyzon* Giesbrecht, 1897  
R2095 *gibberum* (T Scott & A Scott, 1894)  
R2096  
R2097 Artotrogidae  
R2098 *Artotrogus* Boeck, 1859  
R2099 *orbicularis* Boeck, 1859
- Dyspontidae  
R2100 *Bradypontius* Giesbrecht, 1895  
R2101 *magniceps* (Brady, 1880)  
R2102 *papillatus* (T Scott, 1888)  
R2103 *Cribrapontius* Giesbrecht, 1899  
R2104 *normani* (Brady & Robertson, 1876)  
R2105 *Cryptopontius* Giesbrecht, 1899  
R2106 *brevifurcatus* (Giesbrecht, 1895)  
R2107 *Dyspontius* Thorell, 1859  
R2108 *striatus* Thorell, 1859  
R2109 *Myzopontius* Giesbrecht, 1895  
R2110 *pungens* Giesbrecht, 1895  
R2111 *Neopontius* T Scott, 1898  
R2112 *angularis* T Scott, 1898
- Nanaspidae  
R2113 *Nanaspis* Humes & Cressey, 1959  
R2114 *ninae* Bresciani & Lützen, 1962
- Micropontidae  
R2115 *Micropontius* Gooding, 1957  
R2116 *ovoides* Gooding, 1957
- Cancerillidae  
R2117 *Cancerilla* Dalyell, 1851  
R2118 *tubulata* Dalyell, 1851  
R2119 *Microcancerilla*  
R2120 *coeruleocruceata* Norman & Brady, 1909 See Bossanyi & Bull (1971).  
R2121 *Parartotrogus* T Scott & A Scott, 1893  
R2122 *richardi* T Scott & A Scott, 1893
- Incertae sedis  
R2123 *Apodomyzon* Stock, 1970  
R2124 *brevicorne* Stock, 1970 Roscoff.  
R2125 *longicorne* Stock, 1970 Roscoff.
- Nicothoidae  
R2126 *Aspidoecia* Giard & Bonnier, 1889  
R2127 *normani* Giard & Bonnier, 1889  
R2128 *Choniosphaera* Connolly, 1929  
R2129 *maenadis* (Bloch & Gallien, 1933)  
R2130 *Choniosstoma* Hansen, 1886  
R2131 *hansenii* Giard & Bonnier, 1895 See Smaldon (1979).  
R2132 *mirabile* Hansen, 1887 See Smaldon (1979).  
R2133 *rotundatum* Stock, 1958 See Smaldon (1979).  
R2134 *Homoeoscelis* Hansen, 1897  
R2135 *mediterranea* Hansen, 1897  
R2136 *minuta* Hansen, 1897  
R2137 *Mysidion* Hansen, 1897  
R2138 *commune* Hansen, 1897  
R2139 *Nicothoe* Audouin & H Milne-Edwards, 1826  
R2140 *astaci* Audouin & H Milne-Edwards, 1826  
R2141 *Rhizorhina* Hansen, 1892  
R2142 *ampeliscae* Hansen, 1892  
R2143 *Sphaeronella* Salensky, 1868  
R2144 *amphiloichi* Hansen, 1897  
R2145 *atyli* Hansen, 1897  
R2146 *callisomae* T Scott, 1904  
R2147 *cluthae* T Scott, 1904  
R2148  
R2149  
R2150  
R2151  
R2152  
R2153
- See Gotto & McGrath (1980), Costello & Myers (1989).

|       |                        |                            |  |
|-------|------------------------|----------------------------|--|
| R2154 | <i>danica</i>          | Hansen, 1897               |  |
| R2155 | <i>devosae</i>         | Stock, 1960                |  |
| R2156 | <i>dispar</i>          | Hansen, 1897               |  |
| R2157 | <i>ecaudata</i>        | Stock, 1960                |  |
| R2158 | <i>frontalis</i>       | Hansen, 1897               |  |
| R2159 | <i>insignis</i>        | Hansen, 1897               |  |
| R2160 | <i>leuckartii</i>      | Salensky, 1868             | See Hamond (1973b).                                  |
| R2161 | <i>longipes</i>        | Hansen, 1897               |  |
| R2162 | <i>microcephala</i>    | Giard & Bonnier, 1893      |  |
| R2163 | <i>minuta</i>          | T Scott, 1904              | Synonym: <i>S. pikei</i> Green, 1958                 |
| R2164 | <i>monothrix</i>       | (Bowman & Kornicker, 1967) |  |
| R2165 | <i>paradoxa</i>        | Hansen, 1897               |  |
| R2166 | <i>pygmaea</i>         | T Scott, 1904              |  |
| R2167 | <i>rotundata</i>       | Hansen, 1923               |  |
| R2168 | <i>valida</i>          | T Scott, 1905              | See Hamond (1973b).                                  |
| R2169 | <i>vararensis</i>      | T Scott, 1905              |  |
| R2170 | <i>Sthenothocheres</i> | Hansen, 1897               |  |
| R2171 | <i>egregius</i>        | Hansen, 1897               |  |
| R2172 | Melinnacheridae        |                            |  |
| R2173 | <i>Melinnacheres</i>   | M Sars, 1870               |  |
| R2174 | <i>ergasiloides</i>    | M Sars, 1870               |  |
| R2175 | <i>steenstrupi</i>     | (Bresciani & Lützen, 1961) |  |
| R2176 | Phyllodicolidae        |                            |  |
| R2177 | <i>Cyclorhiza</i>      | Heegaard, 1942             |  |
| R2178 | <i>eteonicola</i>      | Heegaard, 1942             |  |
| R2179 | <i>megalova</i>        | Gotto & Leahy, 1988        |  |
| R2180 | Ventriculinidae        |                            |  |
| R2181 | <i>Endocheres</i>      | Bocquet & Stock, 1956      |  |
| R2182 | <i>obscurus</i>        | Bocquet & Stock, 1956      |  |
| R2183 | Herpyllobiidae         |                            |  |
| R2184 | <i>Eurysilenium</i>    | M Sars, 1870               |  |
| R2185 | <i>truncatum</i>       | M Sars, 1870               |  |
| R2186 | <i>Herpyllobius</i>    | Steenstrup & Lütken, 1861  |  |
| R2187 | <i>arcticus</i>        | Steenstrup & Lütken, 1861  |  |
| R2188 | <i>polynoes</i>        | (Krøyer, 1863)             |  |
| R2189 | <i>Phalusiella</i>     | Leigh-Sharpe, 1926         |  |
| R2190 | <i>psalliota</i>       | Leigh-Sharpe, 1926         |  |
| R2191 | <i>vera</i>            | Leigh-Sharpe, 1926         |  |
| R2192 | Xenocoelomatidae       |                            |  |
| R2193 | <i>Aphanodomus</i>     | C B Wilson, 1924           |  |
| R2194 | <i>terebellae</i>      | (Levinsen, 1878)           | See O'Reilly (1995b) in Mackie <i>et al.</i> (1995). |
| R2195 | <i>Xenocoeloma</i>     | Caulery & Mesnil, 1915     |  |
| R2196 | <i>alleni</i>          | (Brumpt, 1897)             |  |
| R2197 | Sponginticolidae       |                            |  |
| R2198 | <i>Sponginticola</i>   | Topsent, 1928              |  |
| R2199 | <i>uncifer</i>         | Topsent, 1928              | See Gotto (1979).                                    |
| R2200 | Chordeumiidae          |                            |  |
| R2201 | <i>Chordeumium</i>     | Stephensen, 1918           |  |
| R2202 | <i>obesum</i>          | (Jungersen, 1912)          |  |
| R2203 | <i>Parachordeumium</i> | Le Calvez, 1938            |  |
| R2204 | <i>amphiurae</i>       | (Hérouard, 1906)           |  |
| R2205 | <i>bocqueti</i>        | (Goudey-Perrière, 1979)    |  |
| R2206 | Caligidae              |                            |  |
| R2207 | <i>Caligus</i>         | O F Müller, 1785           |  |
| R2208 | <i>belones</i>         | Krøyer, 1863               |  |
| R2209 | <i>bonito</i>          | Wilson, 1905               |  |
| R2210 | <i>brevicaudatus</i>   | A Scott, 1901              |  |
| R2211 | <i>centrodonti</i>     | Baird, 1850                |  |
| R2212 | <i>coryphaenae</i>     | Steenstrup & Lütken, 1861  |  |
| R2213 | <i>curtus</i>          | O F Müller, 1785           |  |
| R2214 | <i>diaphanus</i>       | von Nordmann, 1832         |  |
| R2215 | <i>elongatus</i>       | von Nordmann, 1832         |  |
| R2216 | <i>gurnardi</i>        | Krøyer, 1863               |  |
| R2217 | <i>labracis</i>        | T Scott, 1902              |  |
| R2218 | <i>minimus</i>         | Otto, 1821                 |  |
| R2219 | <i>pelamydis</i>       | Krøyer, 1863               |  |
| R2220 | <i>zei</i>             | Norman & T Scott, 1906     |  |
| R2221 | <i>Lepeophtheirus</i>  | von Nordmann, 1832         |  |
| R2222 | <i>hippoglossi</i>     | (Krøyer, 1837)             |  |
| R2223 | <i>nordmanni</i>       | (H Milne-Edwards, 1840)    |  |
| R2224 | <i>pectoralis</i>      | (O F Müller, 1777)         |  |
| R2225 | <i>pollachius</i>      | Bassett-Smith, 1896        |  |
| R2226 | <i>salmonis</i>        | (Krøyer, 1838)             |  |
| R2227 | <i>sturionis</i>       | (Krøyer, 1838)             |  |
| R2228 | <i>thompsoni</i>       | Baird, 1850                |  |
| R2229 | <i>Pseudocaligus</i>   | A Scott, 1901              |  |
| R2230 | <i>brevipedis</i>      | (Bassett-Smith, 1896)      |  |
| R2231 | <i>Sciaenophilus</i>   | van Beneden, 1852          |  |
| R2232 | <i>tenuis</i>          | van Beneden, 1852          |  |
| R2233 | Euryphoridae           |                            |  |
| R2234 | <i>Euryphorus</i>      | H Milne-Edwards, 1840      |  |
| R2235 | <i>brachypterus</i>    | (Gerstaecker, 1853)        |  |
| R2236 | Trembiidae             |                            |  |
| R2237 | <i>Trembius</i>        | Krøyer, 1838               |  |
| R2238 | <i>caudatus</i>        | Krøyer, 1838               |  |
| R2239 | Pandaridae             |                            |  |
| R2240 | <i>Demoleus</i>        | Heller, 1865               |  |
| R2241 | <i>heptapus</i>        | (Otto, 1821)               |  |
| R2242 | <i>Dinemoura</i>       | Latreille, 1829            |  |
| R2243 | <i>producta</i>        | (O F Müller, 1785)         |  |
| R2244 | <i>Echthrogauleus</i>  | Steenstrup & Lütken, 1861  |  |

- R2245 *coleopratus* (Guérin-Méneville, 1837)  
R2246 *Pandarus* Leach, 1816  
R2247 *bicolor* Leach, 1816  
R2248 *Phyllothyreus* H Milne-Edwards, 1840  
R2249 *cornutus* (H Milne-Edwards, 1840)  
R2250 Pandaridae\_incerta\_sedis  
R2251 *Nogagus* Leach, 1816  
R2252 *ambiguus* T Scott, 1907  
R2253 *borealis* Steenstrup & Lutken, 1861  
R2254 Cecropidae  
R2255 *Cecrops* Leach, 1816  
R2256 *latreillii* Leach, 1816  
R2257 *Luetkenia* Claus, 1864  
R2258 *asterodermi* Claus, 1864  
R2259 *Orthagoriscicola* Poche, 1902  
R2260 *muricatus* (Kröyer, 1837)  
R2261 *Philorthagoriscus* Horst, 1897  
R2262 *serratus* (Kröyer, 1863)  
R2263 Dichelesthidae  
R2264 *Anthosoma* Leach, 1816  
R2265 *crassum* (Abildgaard, 1794)  
R2266 *Dichelesthium* Hermann, 1804  
R2267 *oblongum* (Abildgaard, 1794)  
R2268 Eudactylinidae  
R2269 *Eudactylina* van Beneden, 1853  
R2270 *acanthii* A Scott, 1901  
R2271 *acuta* van Beneden, 1853  
R2272 *insolens* T Scott & A Scott, 1913  
R2273 *minuta* T Scott, 1904  
R2274 *similis* T Scott, 1902  
R2275 *Eudactylinella* Wilson, 1932  
R2276 *alba* Wilson, 1932  
R2277 *Nemesis* Risso, 1826  
R2278 *lamna vermi* A Scott, 1929  
R2279 *robusta* (van Beneden, 1851)  
R2280 Kroyeriidae  
R2281 *Kroyeria* van Beneden, 1853  
R2282 *lineata* van Beneden, 1853  
R2283 Pseudocycnidae  
R2284 *Pseudocycnus* Heller, 1865  
R2285 *appendiculatus* Heller, 1865  
R2286 Hatschekiidae  
R2287 *Congericola* van Beneden, 1854  
R2288 *pallidus* van Beneden, 1854  
R2289 *Hatschekia* Poche, 1902  
R2290 *cluthae* (T Scott, 1902)  
R2291 *hippoglossi* (Guérin [1831])  
R2292 *labracis* (van Beneden, 1871)  
R2293 *mulli* (van Beneden, 1851)  
R2294 *pagellibogneravei* (Hesse, 1879)  
R2295 *pygmaea* T Scott & A Scott, 1913  
R2296 Lernanthropidae  
R2297 *Lernanthropus* de Blainville, 1822  
R2298 *gisleri* van Beneden, 1852  
R2299 *kroyeri* van Beneden, 1851  
R2300 Pennellidae  
R2301 *Haemobaphes* Steenstrup & Lütken, 1861  
R2302 *ambiguus* T Scott, 1900  
R2303 *cyclopterina* (O Fabricius, 1780)  
R2304 *Lernaeenicus* Le Sueur, 1824  
R2305 *encrasicoli* (Turton, 1807)  
R2306 *sprattae* (Sowerby, 1806)  
R2307 *Lernaeocera* de Blainville, 1822  
R2308 *branchialis* (Linnaeus, 1767)  
R2309 *lusci* (Bassett-Smith, 1896)  
R2310 *minuta* (T Scott, 1900)  
R2311 *Pennella* Oken, 1816  
R2312 *balaenoptera* Koren & Danielssen, 1877 See Bossanyi & Bull (1971).  
R2313 *filosa* (Linnaeus, 1758)  
R2314 Sphyridae  
R2315 *Lophoura* Kölliker, 1853  
R2316 *edwardsi* Kölliker, 1853  
R2317 *Sphyrion* Cuvier, 1830  
R2318 *lumpi* (Kröyer, 1845)  
R2319 *Tripaphylus* Richardi, 1878  
R2320 *musteli* (van Beneden, 1851)  
R2321 Lernaepodidae  
R2322 *Achtheres* von Nordmann, 1832  
R2323 *percarum* von Nordmann, 1832  
R2324 *Advena* Kabata, 1979  
R2325 *paradoxa* (van Beneden, 1851)  
R2326 *Albionella* Kabata, 1979  
R2327 *globosa* (Leigh-Sharpe, 1918)  
R2328 *Alella* Leigh-Sharpe, 1925  
R2329 *pagelli* (Kröyer, 1863)  
R2330 *Brachiella* Cuvier, 1830  
R2331 *thygni* Cuvier, 1830  
R2332 *Charopinus* Kröyer, 1863  
R2333 *dalmanni* (Retzius, 1829)  
R2334 *dubius* T Scott, 1900  
R2335 *Clavella* Oken, 1816

|       |   |  |
|-------|---|--|
| R2336 | <i>adunca</i> (Ström, 1762)                     | Synonym: <i>Lernaea uncinata</i> O.F.Muller, 1776.   |
| R2337 | <i>alata</i> Brian, 1906                        |  |
| R2338 | <i>stellata</i> (Kröyer, 1838)                  |  |
| R2339 | <i>Clavellisa</i> Wilson, 1915                  |  |
| R2340 | <i>emarginata</i> (Kröyer, 1837)                |  |
| R2341 | <i>scombri</i> (Kurz, 1877)                     |  |
| R2342 | <i>Clavellistes</i> Shiino, 1963                |  |
| R2343 | <i>lampri</i> (T Scott & A Scott, 1913)         |  |
| R2344 | <i>Clavellodes</i> Wilson, 1915                 |  |
| R2345 | <i>rugosa</i> (Kröyer, 1837)                    |  |
| R2346 | <i>Lernaeopoda</i> de Blainville, 1822          |  |
| R2347 | <i>bidiscalis</i> Kane, 1892                    |  |
| R2348 | <i>galei</i> Kröyer, 1837                       |  |
| R2349 | <i>Lernaeopodina</i> Wilson, 1915               |  |
| R2350 | <i>longimana</i> (Olsson, 1869)                 |  |
| R2351 | <i>Neobrachiella</i> Kabata, 1979               |  |
| R2352 | <i>bispinosa</i> (von Nordmann, 1832)           | Synonym: <i>Lernaeopoda obesa</i> Kroyer, 1837.  |
| R2353 | <i>chevreuxii</i> (van Beneden, 1891)           |  |
| R2354 | <i>impudica</i> (von Nordmann, 1832)            |  |
| R2355 | <i>insidiosa</i> (Heller, 1865)                 |  |
| R2356 | <i>merluccii</i> (Bassett-Smith, 1896)          |  |
| R2357 | <i>rostrata</i> (Kröyer, 1837)                  |  |
| R2358 | <i>triglae</i> (Claus, 1860)                    |  |
| R2359 | <i>Ommatokoita</i> Leigh-Sharpe, 1926           |  |
| R2360 | <i>elongata</i> (Grant, 1827)                   |  |
| R2361 | <i>Pseudocharopinus</i> Kabata, 1964            |  |
| R2362 | <i>bicaudatus</i> (Kröyer, 1837)                |  |
| R2363 | <i>malleus</i> (Rudolphi in von Nordmann, 1832) |  |
| R2364 | <i>Salmincola</i> Wilson, 1915                  |  |
| R2365 | <i>gordoni</i> Gurney, 1933                     |  |
| R2366 | <i>salmonaeus</i> (Linnaeus, 1758)              |  |
| R2367 | <i>thymalli</i> (Kessler, 1868)                 |  |
| R2368 | <i>Schistobrachia</i> Kabata, 1964              |  |
| R2369 | <i>ramosa</i> (Kröyer, 1863)                    |  |
| R2370 | <i>Vanbenedenia</i> Malm, 1860                  |  |
| R2371 | <i>kroeyeri</i> Malm, 1860                      |  |
| R2372 | <b>MONSTRILLOIDA</b>                            |  |
| R2373 | Monstrillidae                                   |  |
| R2374 | <i>Monstrilla</i> Dana, 1849                    |  |
| R2375 | <i>anglica</i> Lubbock, 1857                    |  |
| R2376 | <i>conjunctiva</i> Giesbrecht, 1902             | Synonym: <i>Monstrilla leucopsis</i> G.O.Sars, 1921.   |
| R2377 | <i>filogranarum</i> (Malaquin, 1896)            |  |
| R2378 | <i>gracilicauda</i> Giesbrecht, 1892            |  |
| R2379 | <i>grandis</i> Giesbrecht, 1891                 |  |
| R2380 | <i>helgolandica</i> Claus, 1863                 | Male is <i>Monstrilla sericornis</i> G.O.Sars, 1921.   |
| R2381 | <i>longicornis</i> I C Thompson, 1890           |  |
| R2382 | <i>longiremis</i> Giesbrecht, 1892              |  |
| R2383 | <i>minuta</i> Isaac, 1974                       |  |
| R2384 | <i>roscovita</i> (Malaquin, 1901)               |  |
| R2385 | <i>Monstrillopsis</i> G O Sars, 1921            |  |
| R2386 | <i>dubia</i> (T Scott, 1904)                    |  |
| R2387 | <i>gracilis</i> (Gurney, 1927)                  |  |
| R2388 | <i>sarsi</i> Isaac, 1974                        |  |
| R2389 | <i>Thaumaleus</i> Kröyer, 1849                  |  |
| R2390 | <i>claparedi</i> Giesbrecht, 1892               |  |
| R2391 | <i>longispinosus</i> (Bourne, 1890)             |  |
| R2392 | <i>malaquini</i> (Caullery & Mensil, 1914)      |  |
| R2393 | <i>pallidus</i> Isaac, 1974                     |  |
| R2394 | <i>reticulatus</i> Giesbrecht, 1892             |  |
| R2395 | <i>rigidus</i> (I C Thompson, 1888)             |  |
| R2396 | <i>similirostratus</i> Isaac, 1974              |  |
| R2397 | <i>striatus</i> Isaac, 1974                     |  |
| R2398 | <i>tenuis</i> Isaac, 1974                       |  |
| R2399 | <i>thompsoni</i> Giesbrecht, 1892               |  |
| R2400 | <i>zelandicus</i> T Scott, 1904                 |  |
| R2401 | <b>Copepoda incertae sedis</b>                  |  |
| R2402 | <i>Axinophilus</i> Bresciani & Ockelmann, 1966  |  |
| R2403 | <i>thyasirae</i> Bresciani & Ockelmann, 1966    | See Gotto (1979).  |
| R2404 | <i>Gomphopodarion</i> Humes, 1974               |  |
| R2405 | <i>byssocicum</i> Humes, 1974                   | See Humes (1980).  |
| R2406 | <i>Akessonia</i> Bresciani & Lützen, 1962       |  |
| R2407 | <i>occulta</i> Bresciani & Lützen, 1962         |  |
| R2408 | <i>Flabelliphilus</i> Bresciani & Lützen, 1962  |  |
| R2409 | <i>inersus</i> Bresciani & Lützen, 1962         |  |
| R2410 | <i>Gonophysema</i> Bresciani & Lützen, 1962     |  |
| R2411 | <i>gullmarensis</i> Bresciani & Lützen, 1962    |  |
| R2412 | <b>OSTRACODA</b>                                | Follows Bossanyi (1967), Neale (1970) and Whatley & Wall (1969), with further details from Athersuch, Horne & Whittaker (1989) which is the most useful work for this group. |
| R2413 | <b>MYODOCOPIDA</b>                              |  |
| R2414 | Cypridinidae                                    |  |
| R2415 | <i>Crossophorus</i> Brady, 1880                 |  |
| R2416 | <i>imperator</i> Brady, 1880                    |  |
| R2417 | Philomedidae                                    |  |
| R2418 | <i>Euphilomedes</i> Poulsen                     |  |
| R2419 | <i>interpuncta</i> (Baird, 1850)                | Synonym: <i>Philomedes interpuncta</i> (Baird, 1850)   |
| R2420 | <i>Philomedes</i> Liljeborg, 1853               |  |
| R2421 | <i>brenda</i> (Baird, 1850)                     | Synonym: <i>Cypridina globosa</i> Liljeborg, 1853; <i>P globosus</i> .   |
| R2422 | <i>liljeborgii</i> (G O Sars, 1865)             |  |
| R2423 | <i>macandrei</i> (Baird, 1848)                  |  |

- R2424 Cylindroleberididae  
R2425 *Cylindroleberis* Brady, 1867  
R2426 *mariae* (Baird, 1850)      Synonym: *Asterope norvegica* G O Sars, 1869  
R2427 *Parasterope* Poulsen  
R2428 *aberrata* (Skogsberg, 1920)  
R2429 *muelleri* (Skogsberg, 1920)      Synonym: *Cypridina teres* Norman 1861  
R2430 Sarsiellidae  
R2431 *Eusarsiella* Cohen & Kornicker, 1975  
R2432 *zostericola* (Cushman, 1906)      See Bamber (1987).  
R2433 *Sarsiella* Norman, 1869  
R2434 *capsula* Norman, 1869  
R2435 **HALOCYPRIDA**  
R2436 Polycopidae  
R2437 *Polycope* G O Sars, 1866  
R2438 *areolata* G O Sars, 1923  
R2439 *orbicularis* G O Sars, 1922  
R2440 *Polycopsis* G W Müller, 1894  
R2441 *compressa* (Brady & Robertson, 1869)  
R2442 Halocyprididae  
R2443 *Conchoecia* Dana  
R2444 *daphnoides* (Claus, 1890)  
R2445 *haddoni* Brady & Norman, 1896  
R2446 *hyalophyllum* Claus, 1890  
R2447 *imbricata* Brady, 1880  
R2448 *magna* Claus, 1874  
R2449 *spinirostris* Claus, 1874  
R2450 *lacerta* Brady & Norman, 1896  
R2451 *Microconchoecia* Claus  
R2452 *clausii* G O Sars, 1887  
R2453 **PLATYCOPIDA**  
R2454 Cytherellidae  
R2455 *Cytherella* Bosquet  
R2456 *abyssorum* G O Sars, 1865  
R2457 *serrulata* Brady & Norman, 1896  
R2458 **PODOCOPIDA**  
R2459 BAIRDIOIDEA  
R2460 Bairdiidae  
R2461 *Neonesidea* Maddocks, 1969  
R2462 *acanthigera* (Brady, 1889)  
R2463 *inflata* (Norman, 1862)  
R2464 Bythocyprididae  
R2465 *Anchistrocheles* Brady & Norman, 1889  
R2466 *acerosa* (Brady, 1868)  
R2467 *Bythocypris* Brady, 1880  
R2468 *bosquetiana* (Brady)  
R2469 *obtusata* (G O Sars)      See Williams (1969).  
R2470 *Heterocypris*  
R2471 *salina* (Brady)  
R2472 CYTHEROIDEA  
R2473 Bythocytheridae  
R2474 *Bythocythere* G O Sars, 1866  
R2475 *bradleyi* Athersuch, Horne & Whittaker, 1983      Previous records of *B. turgida* G O Sars, 1866 from British waters are now considered referable to *B. bradleyi* or *B. robinsoni*.  
R2476 *bradyi* G O Sars, 1926  
R2477 *intermedia* Elofson, 1938      Early records of *B. constricta* G O Sars, 1866 from British waters are now considered referable to *B. intermedia* or *B. zetlandica*. Synonym: *B. constricta* G.O. Sars, 1866 sensu Brady, 1868.  
R2478 *robinsoni* Athersuch, Horne & Whittaker, 1983      Previous records of *B. turgida* G O Sars, 1866 from British waters are now considered referable to *B. bradleyi* or *B. robinsoni*. Synonym: *B. turgida* G.O. Sars, 1866.  
R2479 *zetlandica* Athersuch, Horne & Whittaker, 1983      Formerly confused with *B. constricta* G O Sars, 1866.  
R2480 *Jonesia* Brady, 1866  
R2482 *acuminata* G O Sars, 1866      Synonym: *J. simplex* (Norman, 1865).  
R2483 *Pseudocythere* G O Sars, 1866  
R2484 *britannica* Horne, 1986  
R2485 *caudata* G O Sars, 1866  
R2486 *Sclerochilus* G O Sars, 1866  
R2487 *abbreviatus* Brady & Robertson, 1869  
R2488 *bradyi* Rudjakov, 1962  
R2489 *contortus* (Norman, 1861)  
R2490 *gewemuelleri* Dubowsky, 1939  
R2491 *hicksi* Athersuch & Horne, 1987  
R2492 *rudjakovi* Athersuch & Horne, 1987  
R2493 *schornikovii* Athersuch & Horne, 1987  
R2494 *truncatus* (Malcomson, 1886)  
R2495 *whatleyi* Athersuch & Horne, 1987  
R2496 Paracytherideidae  
R2497 *Paracytheridea* G W Müller, 1894  
R2498 *cuneiformis* (Brady, 1868)  
R2499 Cushmanideidae  
R2500 *Pontocythere* Dubowsky, 1939  
R2501 *elongata* (Brady, 1868)  
R2502 Cytheridae  
R2503 *Cythere* O F Müller, 1785  
R2504 *acuta* Baird, 1850  
R2505 *gibbosa* Brady & Robertson, 1889  
R2506 *iutea* O F Müller, 1785  
R2507 *Palmenella* Hirshmann, 1916  
R2508 *limicola* (Norman, 1865)



|       |                        |   |   |
|-------|------------------------|---|---|
| R2509 | Cytherideidae          |   |   |
| R2510 | <i>Cyprideis</i>       | Jones, 1857                                     |   |
| R2511 |                        | <i>torosa</i> Jones, 1857                       |   |
| R2513 | <i>Sarsicytheridea</i> | Athersuch, 1982                                 |   |
| R2514 |                        | <i>bradli</i> Norman, 1865                      | See Williams (1969). Synonyms: <i>S. papillosa</i> (Bosquet, 1852) sensu Brady, 1866; <i>S. bairdii</i> G.O. Sars, 1866. Synonym: <i>S. proxima</i> G.O. Sars, 1866.  |
| R2515 |                        | <i>punctillata</i> (Brady, 1865)                |   |
| R2516 | Krithidae              |   |   |
| R2517 | <i>Kritha</i>          | Brady, Crosskey & Robertson, 1874               |   |
| R2518 |                        | <i>praetexta</i> (G O Sars, 1866)               | An Eocene species <i>Cythere bartonensis</i> Jones, 1857 was considered to be a senior synonym of this species but has been shown by Khosla & Haskins (1980) to have a different hinge structure. Synonym: <i>K. bartonensis</i> (Jones, 1857) sensu Brady, 1868. |
| R2519 | Cuneocytheridae        |   |   |
| R2520 | <i>Cuneocythere</i>    | Lienenklaus, 1894                               |   |
| R2521 |                        | <i>semipunctata</i> (Brady, 1868)               |   |
| R2522 | Cytheruridae           |   |   |
| R2523 | <i>Cytheropteron</i>   | G O Sars, 1866                                  |   |
| R2524 |                        | <i>alatum</i> G O Sars, 1926                    | No reliable British records, a deep water species.  |
| R2525 |                        | <i>clathratum</i> (G O Sars)                    | No British records.   |
| R2526 |                        | <i>crassipinnatum</i> Brady & Norman            | No British records.   |
| R2527 |                        | <i>depressum</i> Brady & Norman, 1889           |   |
| R2528 |                        | <i>dorsocostatum</i> Whatley & Masson, 1980     | See Horne (1982a).  |
| R2529 |                        | <i>humile</i> Brady & Norman, 1889              | No British records.   |
| R2530 |                        | <i>inflatum</i> Brady                           | See Williams (1969). This species is not listed by Athersuch et al (1989).  |
| R2531 |                        | <i>inornatum</i> Brady & Robertson, 1872        |   |
| R2532 |                        | <i>latissimum</i> (Norman, 1865)                |   |
| R2533 |                        | <i>nodosum</i> Brady, 1868                      |   |
| R2534 |                        | <i>punctatum</i> (Brady)                        | No British records.   |
| R2535 |                        | <i>pyramidale</i> Brady, 1889                   | No British records.   |
| R2536 |                        | <i>subcircinatum</i> G O Sars, 1866             | British records refer to <i>C. depressum</i> ; <i>C. subcircinatum</i> of Brady, 1868 is not <i>C. subcircinatum</i> G O Sars, 1866.  |
| R2537 | <i>Cytherura</i>       | G O Sars, 1866                                  |   |
| R2538 |                        | <i>concentrica</i> Norman, Crosskey & Robertson |   |
| R2539 |                        | <i>gibba</i> (O F Müller, 1785)                 |   |
| R2540 |                        | <i>undata</i> G O Sars                          |   |
| R2541 | <i>Hemicytherura</i>   | Elofson, 1941                                   |   |
| R2542 |                        | <i>cellulosa</i> (Norman, 1865)                 |   |
| R2543 |                        | <i>clathrata</i> (G O Sars)                     |   |
| R2544 |                        | <i>hoskini</i> Horne, 1981                      |   |
| R2545 | <i>Microcytherura</i>  | G W Müller, 1894                                |   |
| R2546 |                        | <i>fulva</i> (Brady & Robertson)                |   |
| R2547 | <i>Semicytherura</i>   | Wagner, 1957                                    |   |
| R2548 |                        | <i>acuticostata</i> (G O Sars, 1866)            |   |
| R2549 |                        | <i>angulata</i> (Brady, 1868)                   |   |
| R2550 |                        | <i>cornuta</i> (Brady, 1868)                    |   |
| R2551 |                        | <i>nigrescens</i> (Baird, 1838)                 |   |
| R2552 |                        | <i>producta</i> (Brady, 1889)                   |   |
| R2553 |                        | <i>sella</i> (G O Sars, 1866)                   |   |
| R2554 |                        | <i>similis</i> (G O Sars)                       |   |
| R2555 |                        | <i>simplex</i> (Brady & Norman, 1889)           |   |
| R2556 |                        | <i>striata</i> (G O Sars, 1866)                 |   |
| R2557 |                        | <i>tela</i> Horne & Whittaker, 1980             |   |
| R2558 |                        | <i>undata</i> G O Sars, 1866                    |   |
| R2559 | Eucytheridae           |   |   |
| R2560 | <i>Eucythere</i>       | Brady, 1868                                     |   |
| R2561 |                        | <i>anglica</i> Brady, 1868                      |   |
| R2562 |                        | <i>argus</i> (G O Sars, 1866)                   |   |
| R2563 |                        | <i>declivis</i> (Norman, 1865)                  |   |
| R2564 |                        | <i>prava</i> Brady & Robertson, 1869            |   |
| R2565 | Hemicytheridae         |   |   |
| R2566 | <i>Aurila</i>          | Pokorny, 1955                                   |   |
| R2567 |                        | <i>arborescens</i> (Brady, 1865)                | See Athersuch (1980). Synonym: <i>A. woodwardi</i> Brady, 1868.   |
| R2568 |                        | <i>convexa</i> (Baird, 1850)                    |   |
| R2569 |                        | <i>woutersi</i> Horne, 1986                     |   |
| R2570 | <i>Cythereis</i>       | Jones, 1849                                     |   |
| R2571 |                        | <i>angulata</i> G O Sars, 1928                  | No British records.   |
| R2572 |                        | <i>fidicula</i> (Brady & Robertson, 1889)       |   |
| R2573 |                        | <i>finmarchica</i> (G O Sars, 1928)             | No British records.   |
| R2574 |                        | <i>navicula</i> (Norman)                        |   |
| R2575 | <i>Elofsonella</i>     | Pokorny, 1955                                   |   |
| R2576 |                        | <i>concinna</i> (Jones, 1857)                   |   |
| R2577 | <i>Hemicythere</i>     | G O Sars, 1925                                  |   |
| R2578 |                        | <i>crenulata</i> G O Sars, 1922                 |   |
| R2579 |                        | <i>emarginata</i> (G O Sars)                    | See Williams (1969). No confirmed British records.  |
| R2580 |                        | <i>oblonga</i> (Brady)                          |   |
| R2581 |                        | <i>villosa</i> (G O Sars, 1866)                 |   |
| R2582 | <i>Heterocythereis</i> | Elofson, 1941                                   |   |
| R2583 |                        | <i>albomaculata</i> (Baird, 1838)               |   |
| R2584 | <i>Muellerina</i>      | Bassiouni, 1965                                 |   |
| R2585 |                        | <i>abyssicola</i> (G O Sars, 1866)              |   |
| R2586 | <i>Procythereis</i>    | Skogsberg, 1928                                 |   |
| R2587 |                        | <i>marginata</i> (Norman)                       | See Neale (1970) regarding validity of this species.  |
| R2588 | <i>Urocythereis</i>    | Ruggieri, 1950                                  |   |
| R2589 |                        | <i>britannica</i> Athersuch, 1977               |   |
| R2590 | Leptocytheridae        |   |   |
| R2591 | <i>Callistocythere</i> | Ruggieri, 1953                                  |   |
| R2592 |                        | <i>badia</i> (Norman, 1862)                     |   |

|       |  |   |
|-------|--|---|
| R2593 | <i>littoralis</i> (Müller, 1894)             | In Britain this species has been invariably misidentified as <i>C. crispata</i> Brady, 1868, but this was shown to be a distinct species confined to the Mediterranean by Athersuch & Whittaker (1980). |
| R2594 | <i>murrayi</i> Whittaker, 1978               |   |
| R2595 | <i>Leptocythere</i> G O Sars, 1925           |   |
| R2596 | <i>baltica</i> Klie, 1929                    |   |
| R2597 | <i>castanea</i> (G O Sars, 1928)             |   |
| R2598 | <i>lacertosa</i> (Hirschmann, 1912)          | See Horne (1982b).  |
| R2599 | <i>macallana</i> (Brady & Robertson, 1869)   |   |
| R2600 | <i>pellucida</i> (Baird, 1850)               |   |
| R2601 | <i>porcellanea</i> (Brady & Robertson, 1869) |   |
| R2602 | <i>psammophila</i> Guillaume, 1976           | See Horne (1982b).  |
| R2603 | <i>tenera</i> (Brady, 1868)                  |   |
| R2604 | Loxoconchidae                                | Revised by Athersuch & Horne (1984).  |
| R2605 | <i>Bonnyannella</i> Athersuch, 1982          |   |
| R2606 | <i>robertsoni</i> (Brady, 1868)              |   |
| R2607 | <i>Elofsonia</i> Wagner, 1957                |   |
| R2608 | <i>baltica</i> (Hirschmann, 1909)            |   |
| R2609 | <i>pusilla</i> (Brady & Robertson, 1870)     |   |
| R2610 | <i>Hirschmannia</i> Elofson, 1941            |   |
| R2611 | <i>viridis</i> (O F Müller, 1785)            |   |
| R2612 | <i>Palmoconcha</i> Swain & Gilby, 1974       |   |
| R2613 | <i>laevata</i> (Norman, 1865)                | This species has commonly been referred to <i>Hirschmannia tamarindus</i> (Jones, 1857) but Horne & Kilenyi (1981) showed the two to be distinct.   |
| R2614 | <i>guttata</i> (Norman, 1865)                |   |
| R2615 | <i>Loxoconcha</i> G O Sars, 1866             |   |
| R2616 | <i>elliptica</i> Brady, 1868                 |   |
| R2617 | <i>fragilis</i> G O Sars                     |   |
| R2618 | <i>granulata</i> G O Sars                    |   |
| R2619 | <i>impressa</i> (Baird, 1850)                |   |
| R2620 | <i>multiflora</i> (Norman)                   |   |
| R2621 | <i>pusilla</i> Brady & Robertson, 1870       |   |
| R2622 | <i>rhomboidea</i> (Fischer, 1855)            | See Horne (1982a).  |
| R2623 | <i>Nannocythere</i> Schäfer, 1953            |   |
| R2624 | <i>pavo</i> (Malcomson, 1886)                |   |
| R2625 | <i>Saginatocythere</i> Athersuch, 1976       |   |
| R2626 | <i>multiflora</i> (Norman, 1865)             |   |
| R2627 | <i>Tuberoloxoconcha</i> Hartmann, 1954       |   |
| R2628 | <i>tuberosa</i> (Hartmann, 1954)             |   |
| R2629 | Neocytherideidae                             |   |
| R2630 | <i>Neocytherideis</i> Puri, 1952             |   |
| R2631 | <i>subulata</i> (Brady, 1868)                |   |
| R2632 | <i>Sahnicythere</i> Athersuch, 1982          |   |
| R2633 | <i>retroflexa</i> Klie, 1936                 |   |
| R2634 | Paradoxostomatidae                           |   |
| R2635 | <i>Aspidoconcha</i>                          |   |
| R2636 | <i>limnoriae</i> de Vos, 1953                |   |
| R2637 | <i>Cytherois</i> G W Müller, 1884            |   |
| R2638 | <i>fischeri</i> G O Sars, 1866               |   |
| R2639 | <i>pusilla</i> G O Sars, 1928                |   |
| R2640 | <i>stephanidesi</i> Klie, 1938               |   |
| R2641 | <i>vitrea</i> (G O Sars, 1866)               | At least one other species of <i>Cytherois</i> is known from British waters (presently undescribed).<br>Genus in need of revision, apparently at least four British species.                            |
| R2642 | <i>Paracytherois</i> G W Müller, 1894        |   |
| R2643 | <i>arcuata</i> (Brady)                       |   |
| R2644 | <i>flexuosa</i> (Brady, 1867)                |   |
| R2645 | <i>Paradoxostoma</i> Fischer, 1855           | Revised by Horne & Whittaker (1985).  |
| R2646 | <i>abbreviatum</i> G O Sars, 1866            |   |
| R2647 | <i>amygdaloides</i> (Brady, 1870)            |   |
| R2648 | <i>angliorum</i> Horne & Whittaker, 1985     |   |
| R2649 | <i>bradyi</i> G O Sars, 1928                 |   |
| R2650 | <i>ensiforme</i> Brady, 1868                 |   |
| R2651 | <i>fleetense</i> Horne & Whittaker, 1985     |   |
| R2652 | <i>hibernicum</i> Brady, 1868                |   |
| R2653 | <i>nealei</i> Horne & Whittaker, 1985        |   |
| R2654 | <i>normani</i> Brady, 1868                   |   |
| R2655 | <i>porlockense</i> Horne & Whittaker, 1985   |   |
| R2656 | <i>pulchellum</i> G O Sars, 1866             |   |
| R2657 | <i>robinhoodi</i> Horne & Whittaker, 1985    |   |
| R2658 | <i>samiense</i> Brady, 1868                  |   |
| R2659 | <i>tenuissimum</i> (Norman, 1869)            |   |
| R2660 | <i>trieri</i> Horne & Whittaker, 1985        |   |
| R2661 | <i>variabile</i> (Baird, 1835)               |   |
| R2662 | <i>Sphaeromicola</i>                         |   |
| R2663 | <i>dudichi</i> Klie, 1938                    |   |
| R2664 | Trachyleberididae                            |   |
| R2665 | <i>Acanthocythereis</i> Howe, 1963           |   |
| R2666 | <i>dunelmensis</i> (Norman, 1865)            |   |
| R2667 | <i>Carinocythereis</i> Ruggieri, 1956        |   |
| R2668 | <i>carinata</i> (Roemer, 1838)               | Synonym: <i>C. antiquata</i> Baird, 1850.   |
| R2669 | <i>whitei</i> (Baird, 1850)                  | Synonym: <i>C. aspera</i> Brady, 1865.  |
| R2670 | <i>Celtia</i> Neale, 1973                    |   |
| R2671 | <i>quadridentata</i> (Baird, 1850)           |   |
| R2672 | <i>Costa</i> Neviani, 1928                   |   |
| R2673 | <i>runcinata</i> (Baird, 1850)               |   |
| R2674 | <i>Hiltermannicythere</i> Bassiouni, 1970    |   |
| R2675 | <i>emaciata</i> (Brady, 1867)                |   |
| R2676 | <i>Pterygocythereis</i> Blake, 1933          |   |

R2677                *jonesi* (Baird, 1850)  
 R2678                *Robertsonites*  
 R2679                *tuberculata* G O Sars, 1922  
 R2680                Xestoleberididae  
 R2681                *Xestoleberis* G O Sars, 1866  
 R2682                *aurantia* (Baird, 1835)  
 R2683                *depressa* G O Sars, 1928  
 R2684                *labiata* Brady & Robertson, 1889  
 R2685                *nitida* (Liljeborg, 1853)  
 R2686                *rubens* Whittaker, 1978

In Britain only known from the type locality in The Fleet, Dorset. Reported from Atlantic coast of France as *X. aurantia* by de Vos (1957) and Yassini (1969).

R2687                METACOPINA  
 R2688                CYPRIDOIDEA  
 R2689                Cyprididae  
 R2691                *Cypridopsis* Brady, 1867  
 R2692                *aculeata* (Costa)  
 R2693                Macrocyprididae  
 R2694                *Macrocypris* Brady, 1868  
 R2695                *minna* (Baird, 1850)  
 R2696                Candonidae  
 R2697                *Paracypris* G O Sars, 1866  
 R2698                *polita* G O Sars, 1866  
 R2699                Pontocyprididae  
 R2700                *Argilloecia* G O Sars, 1866  
 R2701                *cylindrica* G O Sars, 1923  
 R2702                *propinqua* Brady  
 R2703                *Pontocypris* G O Sars, 1866  
 R2704                *acupunctata*  
 R2705                *frequens* (Müller)  
 R2706                *hispida* G O Sars  
 R2707                *mytiloides* (Norman, 1862)  
 R2708                *Propontocypris* Sylvester-Bradley, 1947  
 R2709                *pirifera* (G W Müller, 1894)  
 R2710                *trigonella* (G O Sars, 1866)

S1                **MALACOSTRACA**

S2                **PHYLLOCARIDA**

S3                **LEPTOSTRACA**

S4                Nebaliidae  
 S5                *Nebalia* Leach, 1814  
 S6                *bipes* (O Fabricius, 1780)  
 S7                *borealis* Dahl, 1985  
 S8                *herbstii* Leach, 1814  
 S9                *strausi* Risso, 1826  
 S10                *Sarsinebalia* Dahl, 1985  
 S11                *typhlops* (G O Sars, 1870)

Revised by Dahl (1985).

S12                **HOPLOCARIDA**

S13                **STOMATOPODA**

S14                UNIPELTATA  
 S15                SQUILLOIDEA  
 S16                Squillidae  
 S17                *Rissooides* Manning & Lewisohn, 1982  
 S18                *desmaresti* (Risso, 1816)  
 S19                LYSIOSQUILLOIDEA  
 S20                Nannosquillidae  
 S21                *Platysquilla* Manning, 1967  
 S22                *eusebia* (Risso, 1816)

Reference Mauchline (1984), Manning (1980).

S23                **EUMALACOSTRACA**

S24                **PERACARIDA**

S25                **MYSIDACEA**  
 S26                LOPHOGASTRIDA  
 S27                Lophogastridae  
 S28                *Lophogaster* M Sars, 1857  
 S29                *typicus* M Sars, 1857  
 S30                MYSIDA  
 S31                Mysidae  
 S32                Siriellinae  
 S33                *Siriella* Dana, 1850  
 S34                *armata* (H Milne-Edwards, 1837)  
 S35                *clausii* G O Sars, 1877  
 S36                *jaltensis* Czerniavski, 1868  
 S37                *jaltensis brooki* Norman, 1886  
 S38                *norvegica* G O Sars, 1869  
 S39                Gastrosaccinae  
 S40                *Gastrosaccus* Norman, 1868  
 S41                *lobatus* Nouvel, 1951  
 S42                *normani* G O Sars, 1877  
 S43                *sanctus* (van Beneden, 1861)  
 S44                *spinifer* (Goës, 1864)  
 S45                Mysinae  
 S46                Erythropini  
 S47                *Erythroops* G O Sars, 1869  
 S48                *elegans* (G O Sars, 1863)  
 S49                *erythrophthalmia* (Goës, 1864)  
 S50                *serrata* (G O Sars, 1864)  
 S51                *Anchialina* Norman & Scott, 1906  
 S52                *agilis* (G O Sars, 1877)  
 S53                *Parerythroops* G O Sars, 1869  
 S54                *obesa* (G O Sars, 1864)  
 S55                *Pseudomma* G O Sars, 1870

Reference Mauchline (1980), Makings (1977) and Tattersall & Tattersall (1951).

|      |                       |                         |  |
|------|-----------------------|-------------------------|--|
| S56  | <i>affine</i>         | G O Sars, 1870          |  |
| S57  | Leptomysini           |                         |  |
| S58  | <i>Leptomysis</i>     | G O Sars, 1869          |  |
| S59  | <i>gracilis</i>       | (G O Sars, 1864)        |  |
| S60  | <i>lingvura</i>       | (G O Sars, 1866)        |  |
| S61  | <i>mediterranea</i>   | G O Sars, 1877          |  |
| S62  | <i>Mysideis</i>       | G O Sars, 1869          |  |
| S63  | <i>insignis</i>       | (G O Sars, 1864)        |  |
| S64  | <i>Mysidopsis</i>     | G O Sars, 1864          |  |
| S65  | <i>angusta</i>        | G O Sars, 1864          |  |
| S66  | <i>didelphys</i>      | (Norman, 1863)          |  |
| S67  | <i>gibbosa</i>        | G O Sars, 1864          |  |
| S68  | Mysini                |                         |  |
| S69  | <i>Acanthomysis</i>   | Czerniavski, 1882       |  |
| S70  | <i>longicornis</i>    | (H Milne-Edwards, 1837) |  |
| S71  | <i>Hemimysis</i>      | G O Sars, 1869          |  |
| S72  | <i>lamornae</i>       | (Couch, 1856)           |  |
| S73  | <i>Mesopodopsis</i>   | Czerniavski, 1882       |  |
| S74  | <i>slabberi</i>       | (P J van Beneden, 1861) |  |
| S75  | <i>Neomysis</i>       | Czerniavski, 1882       |  |
| S76  | <i>integer</i>        | (Leach, 1814)           | Estuarine.   |
| S77  | <i>Paramysis</i>      | Czerniavski, 1882       |  |
| S78  | <i>arenosa</i>        | (G O Sars, 1877)        |  |
| S79  | <i>helleri</i>        | (G O Sars, 1877)        |  |
| S80  | <i>nouveli</i>        | Labat, 1953             |  |
| S81  | <i>Praunus</i>        | Leach, 1814             |  |
| S82  | <i>flexuosus</i>      | (O F Müller, 1776)      |  |
| S83  | <i>inermis</i>        | (Rathke, 1843)          |  |
| S84  | <i>neglectus</i>      | (G O Sars, 1869)        |  |
| S85  | <i>Schistomysis</i>   | Norman, 1892            |  |
| S86  | <i>kervillei</i>      | (G O Sars, 1885)        |  |
| S87  | <i>ornata</i>         | (G O Sars, 1864)        |  |
| S88  | <i>parkeri</i>        | Norman, 1892            |  |
| S89  | <i>spiritus</i>       | (Norman, 1860)          |  |
| S90  | Heteromysini          |                         |  |
| S91  | <i>Heteromysis</i>    | S I Smith, 1874         |  |
| S92  | <i>formosa</i>        | S I Smith, 1874         |  |
| S93  | <i>microps</i>        | (G O Sars, 1877)        |  |
| S94  | Mysidellinae          |                         |  |
| S95  | <i>Mysidella</i>      | G O Sars, 1872          |  |
| S96  | <i>typica</i>         | G O Sars, 1872          |  |
| S97  | <b>AMPHIPODA</b>      |                         |  |
| S98  | <b>GAMMARIDEA</b>     |                         | Classification follows Bousfield (1978, 1983) in Moore (1984a). Reference Lincoln (1979) and Costello et al. (1990). |
| S99  | <b>EUSIROIDEA</b>     |                         |  |
| S100 | Eusiridae             |                         |  |
| S101 | <i>Apherusa</i>       | A O Walker, 1891        |  |
| S102 | <i>bispinosa</i>      | (Bate, 1856)            | Synonyms: <i>Dexamine bispinosa</i> ; <i>Atylus bispinosa</i> Bate.  |
| S103 | <i>cirrus</i>         | (Bate, 1862)            | Synonyms: <i>Pherusa bicuspis</i> ; <i>Pherusa borealis</i> Boeck.   |
| S104 | <i>clevei</i>         | G O Sars, 1904          |  |
| S105 | <i>henneguyi</i>      | Chevreaux & Fage, 1925  |  |
| S106 | <i>jurinei</i>        | (H Milne-Edwards, 1830) |  |
| S107 | <i>ovalipes</i>       | Norman & T Scott, 1906  |  |
| S108 | <i>Eusirus</i>        | Kröyer, 1845            |  |
| S109 | <i>longipes</i>       | Boeck, 1861             |  |
| S110 | Calliopiidae          |                         |  |
| S111 | <i>Calliopi</i>       | Lilljeborg, 1865        |  |
| S112 | <i>laeviusculus</i>   | (Kröyer, 1838)          | Synonym: <i>C. rathkei</i> Zaddach   |
| S113 | Gammarellidae         |                         |  |
| S114 | <i>Gammarellus</i>    | Herbst, 1793            |  |
| S115 | <i>angulosus</i>      | (Rathke, 1843)          | Synonym: <i>Gammarellus carinatus</i> Rathke, 1837.  |
| S116 | <i>homari</i>         | (J C Fabricius, 1779)   | Synonym: <i>Amathilla homari</i> .   |
| S117 | <b>OEDICEROTOIDEA</b> |                         |  |
| S118 | Oedicerotidae         |                         |  |
| S119 | <i>Arrhis</i>         | Stebbing, 1906          |  |
| S120 | <i>phylonyx</i>       | (M Sars, 1858)          |  |
| S121 | <i>Halicreion</i>     | Boeck, 1871             |  |
| S122 | <i>aequicornis</i>    | (Norman, 1869)          |  |
| S123 | <i>Monoculodes</i>    | Stimpson, 1853          |  |
| S124 | <i>borealis</i>       | Boeck, 1871             |  |
| S125 | <i>carinatus</i>      | (Bate, 1856)            |  |
| S126 | <i>gibbosus</i>       | Chevreaux, 1888         | See Moore (1984b), Beare & Moore (1994).   |
| S127 | <i>packardi</i>       | Boeck, 1871             |  |
| S128 | <i>subnudus</i>       | Norman, 1889            |  |
| S129 | <i>tuberculatus</i>   | Boeck, 1871             |  |
| S130 | <i>Perioculodes</i>   | G O Sars, 1892          |  |
| S131 | <i>longimanus</i>     | (Bate & Westwood, 1868) |  |
| S132 | <i>Pontocrates</i>    | Boeck, 1871             |  |
| S133 | <i>altamarinus</i>    | (Bate & Westwood, 1862) |  |
| S134 | <i>arcticus</i>       | G O Sars, 1893          | See Moore & Beare (1993).  |
| S135 | <i>arenarius</i>      | (Bate, 1858)            | Synonym: <i>P norvegicus</i> Boeck.  |
| S136 | <i>Synchelidium</i>   | G O Sars, 1892          | Taxonomy of this genus is confused. See Enequist (1950) and Barnard (1977).  |
| S137 | <i>haplocheles</i>    | (Grube, 1864)           |  |
| S138 | <i>maculatum</i>      | Stebbing, 1906          |  |
| S139 | <i>Westwoodilla</i>   | Bate, 1862              |  |
| S140 | <i>caecula</i>        | (Bate, 1856)            | Synonym: <i>Halimedes parvimanus</i> .   |
| S141 | <i>rectirostris</i>   | (Della Valle, 1893)     | Recorded from Atlantic coast of France, and unconfirmed records from British Isles (Lincoln, 1979).                  |
| S142 | <b>LEUCOTHOIDEA</b>   |                         |  |

|      |                           |                           |  |
|------|---------------------------|---------------------------|--|
| S143 | Pleustidae                |                           | Revised by Barnard & Given (1960).   |
| S144 | <i>Parapleustes</i>       | Buchholz, 1874            |  |
| S145 | <i>assimilis</i>          | (G O Sars, 1882)          |  |
| S146 | <i>bicuspis</i>           | (Kröyer, 1838)            | Includes <i>Parapleustes monocuspis</i> (Sars). See Lincoln (1979). Synonym: <i>Neopleustes bicuspis</i> .   |
| S147 | <i>Pleusymtes</i>         | J L Barnard, 1969         |  |
| S148 | <i>glaber</i>             | (Boeck, 1861)             |  |
| S149 | <i>Stenopleustes</i>      | G O Sars, 1893            |  |
| S150 | <i>latipes</i>            | (M Sars, 1858)            | Synonym: <i>Parapleustes latipes</i> .   |
| S151 | <i>nodifera</i>           | (G O Sars, 1882)          |  |
| S152 | Amphilochoidea            |                           |  |
| S153 | <i>Amphilochooides</i>    | G O Sars, 1892            |  |
| S154 | <i>boeckii</i>            | G O Sars, 1892            |  |
| S155 | <i>serratipes</i>         | (Norman, 1869)            |  |
| S156 | <i>Amphilochochus</i>     | Bate, 1862                | See Enequist (1950).   |
| S157 | <i>brunneus</i>           | Della Valle, 1893         | Requires confirmation (Costello et al., 1990).   |
| S158 | <i>manudens</i>           | Bate, 1862                |  |
| S159 | <i>neapolitanus</i>       | Della Valle, 1893         |  |
| S160 | <i>spencebatei</i>        | (Stebbing, 1876)          |  |
| S161 | <i>tenuimanus</i>         | Boeck, 1871               |  |
| S162 | <i>Gitana</i>             | Boeck, 1871               |  |
| S163 | <i>abyssicola</i>         | G O Sars, 1892            | Firth of Forth record of Scott (1906) not confirmed by Lincoln (1979).   |
| S164 | <i>sarsi</i>              | Boeck, 1871               |  |
| S165 | <i>Gitanopsis</i>         | G O Sars, 1892            |  |
| S166 | <i>bispinosa</i>          | (Boeck, 1871)             |  |
| S167 | <i>inermis</i>            | (G O Sars, 1882)          |  |
| S168 | <i>Paramphilochooides</i> | Lincoln, 1979             |  |
| S169 | <i>intermedius</i>        | (T Scott, 1896)           |  |
| S170 | <i>odontonyx</i>          | (Boeck, 1871)             |  |
| S171 | Cyproidea                 |                           |  |
| S172 | <i>Peltocoxa</i>          | Catta, 1875               | Synonym: <i>Cyproidea brevisrostris</i> .  |
| S173 | <i>brevirostris</i>       | (T Scott & A Scott, 1893) | The closely related <i>Peltocoxa marioni</i> Catta, 1875 is considered by Lincoln (1979) to be restricted to the Mediterranean, although it is recorded from Roscoff by Toulmond & Truchot (1964). |
| S174 | <i>damnoniensis</i>       | (Stebbing, 1885)          |  |
| S175 | Leucothoidea              |                           |  |
| S176 | <i>Leucothoe</i>          | Leach, 1814               |  |
| S177 | <i>incisa</i>             | Robertson, 1892           | Revised by Myers & Costello (1986).  |
| S178 | <i>liljeborgi</i>         | Boeck, 1861               | Revised by Myers & Costello (1986).  |
| S179 | <i>procera</i>            | Bate, 1857                | See Myers & McGrath (1982a).   |
| S180 | <i>spinicarpa</i>         | (Abildgaard, 1789)        |  |
| S181 | Colomastigidae            |                           |  |
| S182 | <i>Colomastix</i>         | Grube, 1861               |  |
| S183 | <i>pusilla</i>            | (Grube, 1861)             | Synonym: <i>Exungia stilipes</i> Norman.   |
| S184 | Cressidae                 |                           |  |
| S185 | <i>Cressa</i>             | Boeck, 1871               |  |
| S186 | <i>dubia</i>              | (Bate, 1857)              |  |
| S187 | Stenothoidea              |                           |  |
| S188 | <i>Hardametopa</i>        | Barnard & Karaman, 1991   |  |
| S189 | <i>nasuta</i>             | (Boeck, 1871)             |  |
| S190 | <i>Metopa</i>             | Boeck, 1871               |  |
| S191 | <i>alderi</i>             | (Bate, 1857)              |  |
| S192 | <i>boeckii</i>            | G O Sars, 1892            | See Sheader (1983).  |
| S193 | <i>borealis</i>           | G O Sars, 1882            |  |
| S194 | <i>bruzelii</i>           | (Goës, 1866)              |  |
| S195 | <i>latimana</i>           | Hansen, 1887              |  |
| S196 | <i>norvegica</i>          | (Liljeborg, 1851)         |  |
| S197 | <i>palmata</i>            | G O Sars, 1892            | See Sheader (1983).  |
| S198 | <i>propinqua</i>          | G O Sars, 1892            |  |
| S199 | <i>pusilla</i>            | G O Sars, 1892            | See Sheader (1983).  |
| S200 | <i>robusta</i>            | G O Sars, 1892            |  |
| S201 | <i>solsbergi</i>          | Schneider, 1884           |  |
| S202 | <i>tenuimana</i>          | G O Sars, 1892            |  |
| S203 | <i>Parametopa</i>         | Chevreaux, 1901           |  |
| S204 | <i>kervillei</i>          | Chevreaux, 1901           |  |
| S205 | <i>Probolooides</i>       | Della Valle, 1893         |  |
| S206 | <i>gregaria</i>           | (G O Sars, 1892)          | Recorded from Le Havre (Chevreaux & Fage 1925).  |
| S207 | <i>Stenothoe</i>          | Dana, 1852                |  |
| S208 | <i>ascidiae</i>           | (Pirlot, 1933)            |  |
| S209 | <i>brevicornis</i>        | G O Sars, 1892            | See Sheader (1983).  |
| S210 | <i>crassicornis</i>       | A O Walker, 1896          |  |
| S211 | <i>elachistoides</i>      | Myers & McGrath, 1980     |  |
| S212 | <i>gallensis</i>          | A O Walker, 1904          | Synonym: <i>Stenothoe cattai</i> Stebbing 1906 (Krapp-Schickel 1976).  |
| S213 | <i>marina</i>             | (Bate, 1856)              |  |
| S214 | <i>monoculoides</i>       | (Montagu, 1815)           | Synonyms: <i>Montagua monoculoides</i> ; <i>S. brevicornis</i> .   |
| S215 | <i>setosa</i>             | Norman, 1900              |  |
| S216 | <i>tergestinum</i>        | (Nebeski, 1881)           |  |
| S217 | <i>valida</i>             | Dana, 1852                |  |
| S218 | <i>Stenula</i>            | J L Barnard, 1962         |  |
| S219 | <i>rubrovittata</i>       | (G O Sars, 1882)          | Synonyms: <i>Stenothoides latipes</i> ; <i>Amphithopsis latipes</i> Boeck.   |
| S220 | TALITROIDEA               |                           |  |
| S221 | Hyalidae                  |                           |  |
| S222 | <i>Hyale</i>              | Rathke, 1837              |  |
| S223 | <i>grimaldii</i>          | Chevreaux, 1891           | See McGrath (1984).  |
| S224 | <i>prevostii</i>          | (Milne Edwards)           | Synonym: <i>H. nilssoni</i> (Rathke, 1843).  |
| S225 | <i>perieri</i>            | (Lucas, 1846)             |  |
| S226 | <i>pontica</i>            | Rathke, 1837              | Synonym: <i>H. lubbockiana</i> (Bate)  |

- S227                   *stebbingi* Chevreux, 1888  
S228                   Talitridae  
S229                   *Macarorchestia* Stock, 1898  
S230                   *remyi roffensis* (Wildish, 1969)  
S231                   *Orchestia* Leach, 1814  
S232                   *aestuarensis* Wildish, 1987  
S233                   *cavimana* Heller, 1865  
  
S234                   *gammarellus* (Pallas, 1766)  
S235                   *mediterranea* Costa, 1857  
S236                   *Platorchestia* Bousfield, 1982  
S237                   *platensis* Kröyer, 1845  
S238                   *Pseudorchestoidea* Bousfield, 1982  
S239                   *brito* (Stebbing, 1891)  
S240                   *Talitrus* Latreille, 1802  
S241                   *saltator* (Montagu, 1808)  
S242                   *Talorchestia* Dana, 1852  
S243                   *deshayesii* (Audouin, 1826)  
S244                   PHOXOCEPHALOIDEA  
S245                   Urothoidea  
S246                   *Urothoe* Dana, 1852  
S247                   *brevicornis* Bate, 1862  
S248                   *elegans* (Bate, 1856)  
S249                   *marina* (Bate, 1857)  
S250                   *poseidonis* Reibisch, 1905  
S251                   *pulchella* (Costa, 1853)  
S252                   Phoxocephalidae  
S253                   *Harpinia* Boeck, 1876  
S254                   *antennaria* Meinert, 1890  
S255                   *crenulata* (Boeck, 1871)  
S256                   *laevis* G O Sars, 1891  
S257                   *pectinata* G O Sars, 1891  
S258                   *serrata* G O Sars, 1885  
S259                   *Leptophoxus* G O Sars, 1891  
S260                   *falcatus* (G O Sars, 1882)  
S261                   *Metaphoxus* Bonnier, 1896  
S262                   *pectinatus* (A O Walker, 1896)  
S263                   *simplex* (Bate, 1857)  
S264                   *Parametaphoxus* Gurjanova, 1977  
S265                   *fultoni* (T Scott, 1890)  
  
S266                   *Paraphoxus* G O Sars, 1891  
S267                   *oculatus* (G O Sars, 1879)  
S268                   *Phoxocephalus* Stebbing, 1888  
S269                   *holbolli* (Kröyer, 1842)  
S270                   LYSIANASSOIDEA  
S271                   Lysianassidae  
S272                   *Acidostoma* Lilljeborg, 1865  
S273                   *laticorne* G O Sars, 1890  
  
S274                   *nodiferum* Stephensen, 1923  
  
S275                   *obesum* (Bate & Westwood, 1861)  
S276                   *Ambasia* Boeck, 1871  
S277                   *atlantica* (H Milne-Edwards, 1830)  
S278                   *Anonyx* Kröyer, 1838  
S279                   *lilljeborgi* Boeck, 1871  
S280                   *sarsi* Steele & Brunel, 1968  
S281                   *Aristias* Boeck, 1871  
S282                   *neglectus* Hansen, 1887  
S283                   *Crybelocephalus* Tattersall, 1906  
S284                   *megalurus* Tattersall, 1906  
S285                   *Cyphocaris* Boeck, 1871  
S286                   *anonyx* Boeck, 1871  
S287                   *richardii* Chevreux, 1905  
S288                   *Euonyx* Norman, 1867  
S289                   *biscayensis* Chevreux, 1908  
S290                   *chelatus* Norman, 1867  
S291                   *talismani* Chevreux, 1919  
S292                   *Eurythenes* S I Smith, 1884  
S293                   *gryllus* (Lichtenstein, 1822)  
S294                   *obesum* (Chevreux, 1905)  
S295                   *Hippomedon* Boeck, 1871  
S296                   *denticulatus* (Bate, 1857)  
S297                   *propinquus* G O Sars, 1890  
S298                   *Ichnopus* Costa, 1853  
S299                   *spiniornis* Boeck, 1861  
S300                   *Lepidepcreum* Bate & Westwood, 1868  
S301                   *longicornis* (Bate & Westwood, 1861)  
S302                   *Lysianassa* H Milne-Edwards, 1830  
S303                   *ceratina* (A O Walker, 1889)  
  
S304                   *insperata* Lincoln, 1979  
S305                   *plumosa* Boeck, 1871  
S306                   *Menigrates* Boeck, 1871  
S307                   *obtusifrons* (Boeck, 1861)  
S308                   *Metacyphocaris* Tattersall, 1906  
S309                   *helgae* Tattersall, 1906  
S310                   *Nannonyx* G O Sars, 1890

See Wildish (1987).

This species is a recent arrival to Britain where it is expanding rapidly (Lincoln 1979).

Synonym: *O. littorea*  
Synonym: *O. laevis*

Synonym: *T. locusta*

Synonyms: *Orchestia/Orchestoidea deshayesii*.

Taxonomy of this family is confused (Lincoln, 1979).

Synonym: *H. neglecta* G.O. Sars

May be *Harpinia pectinata* Sars. (Lincoln, 1979).

See Sheader (1983).

Synonyms: *Metaphoxus fultoni* (T Scott, 1890);  
*Phoxocephalus fultonifultoni* (T Scott, 1890).

Recorded from Roscoff (Toulmond & Truchot, 1964) but Lincoln (1979) suggests the species is restricted to the Arctic basin.

See Costello et al. (1990). Synonyms: *A. sarsi* Lincoln, 1979; *A. obesum* G.O. Sars 1890 non (Bate & Westwood 1861) (Lincoln, 1979).  
non G.O. Sars 1890.

Synonym: *A. danielssenia* Boeck

Synonyms: *H. holbolli* Kroyer; *Anonyx denticulatus* Bate.  
See Sheader (1983).

Synonym: *L. carinatum* Bate

Synonyms: *L. longicornis* Lucas; *L. spinicornis* Costa;  
*Lysianax ceratinus* Walker.

Synonym: *L. septentrionalis* Della Valle

|      |  |  |
|------|--|--|
| S311 | <i>goesii</i> (Boeck, 1871)                    |  |
| S312 | <i>spinimanus</i> A O Walker, 1895             |  |
| S313 | <i>Normanion</i> Bonnier, 1893                 |  |
| S314 | <i>quadrimanus</i> (Bate & Westwood, 1868)     |  |
| S315 | <i>Opisa</i> Boeck, 1876                       |  |
| S316 | <i>eschrichtii</i> (Kröyer, 1842)              | One record only from Strangford Lough (Costello et al., 1990).                                       |
| S317 | <i>Orchomene</i> Boeck, 1871                   | See Olerod (1975) concerning synonymy of <i>Orchomenella</i> (Sars) and <i>Orchomenopsis</i> (Sars). |
| S318 | <i>abyssorum</i> Stebbing, 1888                |  |
| S319 | <i>crenata</i> (Chevreux & Fage, 1925)         | Recorded from Roscoff (Dauvin, 1983).  |
| S320 | <i>humilis</i> (Costa, 1853)                   | Synonym: <i>O. batei</i> G.O. Sars   |
| S321 | <i>nanus</i> (Kröyer, 1846)                    | Synonyms: <i>Orchomenella nana</i> ; <i>Tryphosa nana</i> .  |
| S322 | <i>similis</i> Chevreux, 1912                  | Recorded from French coast within area (Chevreux & Fage, 1925).                                      |
| S323 | <i>Parachevreuxiella</i> Andres, 1987          |  |
| S324 | <i>lobata</i> Andres, 1987                     |  |
| S325 | <i>Perrierella</i> Chevreux & Bouvier, 1892    |  |
| S326 | <i>audouiniana</i> (Bate, 1857)                |  |
| S327 | <i>Scopefocheirus</i> Bate, 1856               |  |
| S328 | <i>hopei</i> (Costa, 1851)                     | Synonyms: <i>Callisoma crenata</i> Bate; <i>Callisoma kroyeri</i> (Brüzelius).                       |
| S329 | <i>Socarnes</i> Boeck, 1871                    |  |
| S330 | <i>erythrophthalmus</i> Robertson, 1892        |  |
| S331 | <i>Socarnopsis</i> Chevreux, 1911              |  |
| S332 | <i>filicornis</i> (Heller, 1867)               | Synonym: <i>Socarnes crenulatus</i> (Chevreux, 1911).  |
| S333 | <i>Sophrosyne</i> Stebbing, 1888               |  |
| S334 | <i>robertsoni</i> Stebbing & Robertson, 1891   | See P.G. Moore (1983).   |
| S335 | <i>Tmetonyx</i> Stebbing, 1906                 | Requires reconsideration with <i>Typhosella</i> Bonnier (Lincoln, 1979).                             |
| S336 | <i>cicada</i> (O Fabricius, 1780)              | Synonyms: <i>Anonyx gulosus</i> Kröyer; <i>Hoplonyx cicada</i> .                                     |
| S337 | <i>similis</i> (G O Sars, 1891)                |  |
| S338 | <i>Trischizostoma</i> Boeck, 1861              |  |
| S339 | <i>nicaeense</i> (Costa, 1853)                 |  |
| S340 | <i>raschii</i> Esmarck & Boeck, 1861           |  |
| S341 | <i>Tryphosella</i> Bonnier, 1893               | Requires reconsideration with <i>Tmetonyx</i> Stebbing (Lincoln, 1979).                              |
| S342 | <i>horingi</i> (Boeck, 1871)                   | Synonym: <i>Tryphosa horingi</i> (Boeck, 1871).  |
| S343 | <i>nanoides</i> (Lilljeborg, 1865)             | Synonym: <i>Anonyx nanoides</i> .  |
| S344 | <i>sarsi</i> Bonnier, 1893                     | Synonym: <i>Tryphosa sarsi</i> .   |
| S345 | <i>Tryphosites</i> G O Sars, 1891              |  |
| S346 | <i>alleni</i> (Bate & Westwood, 1860)          |  |
| S347 | <i>longipes</i> (Bate & Westwood, 1861)        | Reference Costello et al. (1990).  |
| S348 | SYNOPIOIDEA                                    |  |
| S349 | Synopiidae                                     |  |
| S350 | <i>Austrosyrhoe</i> K H Barnard, 1925          |  |
| S351 | <i>fimbriatus</i> (Stebbing & Robertson, 1891) |  |
| S352 | <i>Bruzelia</i> Boeck, 1871                    | See P.G. Moore (1984a).  |
| S353 | <i>typica</i> Boeck, 1871                      |  |
| S354 | <i>Syrhoe</i> Goës, 1866                       |  |
| S355 | <i>affinis</i> Chevreux, 1908                  |  |
| S356 | <i>Tiron</i> Lilljeborg, 1865                  |  |
| S357 | <i>spiniferum</i> (Stimpson, 1853)             |  |
| S358 | Argissidae                                     |  |
| S359 | <i>Argissa</i> Boeck, 1871                     |  |
| S360 | <i>hamatipes</i> (Norman, 1869)                |  |
| S361 | STEGOCEPHALOIDEA                               |  |
| S362 | Stegocephalidae                                |  |
| S363 | <i>Andaniexis</i> Stebbing, 1906               |  |
| S364 | <i>abyssi</i> (Boeck, 1870)                    | A deep-water species, recorded off Rockall. See Costello et al. (1990).                              |
| S365 | <i>Euandania</i> Stebbing, 1899                |  |
| S366 | <i>gigantea</i> (Stebbing, 1883)               | A deep-water species, recorded off Rockall. See Costello et al. (1990).                              |
| S367 | <i>Stegocephaloides</i> G O Sars, 1891         |  |
| S368 | <i>christianiensis</i> (Boeck, 1871)           |  |
| S370 | <i>Acanthonotozoma</i> Boeck, 1876             | See P.G. Moore (1984b).  |
| S371 | <i>serratum</i> (O Fabricius, 1780)            |  |
| S372 | Epimeriidae                                    |  |
| S373 | <i>Epimeria</i> Costa, 1851                    |  |
| S374 | <i>cornigera</i> (Fabricius, 1779)             | Synonyms: <i>Acanthonotus testudo</i> Bate, 1862; <i>Acanthonotus owenii</i> Bate & Westwood, 1863.  |
| S375 | <i>loricata</i> G O Sars, 1878                 | Recorded deeper than 200m off north-east Shetlands (Lincoln, 1979).                                  |
| S376 | <i>tuberculata</i> G O Sars, 1893              |  |
| S377 | Iphimediidae                                   |  |
| S378 | <i>Iphimedia</i> Rathke, 1843                  | See Myers, McGrath & Costello (1987).  |
| S379 | <i>eblanae</i> Bate, 1857                      |  |
| S380 | <i>minuta</i> (G O Sars, 1882)                 | Synonym: <i>Panoploea minuta</i> .   |
| S381 | <i>nexa</i> Myers & McGrath, 1987              |  |
| S382 | <i>obesa</i> Rathke, 1843                      |  |
| S383 | <i>perplexa</i> Myers & Costello, 1987         |  |
| S384 | <i>spatula</i> Myers & McGrath, 1987           |  |
| S385 | <i>Odius</i> Lilljeborg, 1862                  |  |
| S386 | <i>carinatus</i> (Bate, 1862)                  |  |
| S387 | Lafystiidae                                    |  |
| S388 | <i>Lafystius</i> Kröyer, 1842                  |  |
| S389 | <i>sturionis</i> Kröyer, 1842                  |  |
| S390 | Phliantidae                                    |  |
| S391 | <i>Perionotus</i> Bate & Westwood, 1862        |  |
| S392 | <i>testudo</i> (Montagu, 1808)                 |  |

|      |   |   |
|------|---|---|
| S393 | LILJEBORGIOIDEA                                       |   |
| S394 | Liljeborgiidae  |   |
| S395 | <i>Liljeborgia</i> Bate, 1862                         |   |
| S396 | <i>kinahani</i> (Bate, 1862)                          |   |
| S397 | <i>pallida</i> (Bate, 1857)                           | Synonym: <i>L. brevicornis</i> Bruzelius  |
| S398 | <i>Listriella</i> J L Barnard, 1959                   | See Myers & McGrath (1983).   |
| S399 | <i>mollis</i> Myers & McGrath, 1983                   | Synonym: <i>L. dentipalma</i> Dauvin & Gentil, 1983.  |
| S400 | <i>picta</i> (Norman, 1889)                           | Recorded from the Channel Islands.  |
| S401 | <i>spinifera</i> Dauvin & Gentil, 1983                | Recorded from French coast within this area.  |
| S402 | <i>Sextonia</i> Chevreux, 1920                        |   |
| S403 | <i>longirostris</i> Chevreux, 1920                    | Recorded from Brittany (Chevreux & Fage, 1925).   |
| S404 | Pardaliscidae   |   |
| S405 | <i>Nicippe</i> Bruzelius, 1859                        |   |
| S406 | <i>tumida</i> Bruzelius, 1859                         |   |
| S407 | DEXAMINOIDEA  |   |
| S408 | Dexaminidae   |   |
| S409 | <i>Atylus</i> Leach, 1815                             |   |
| S410 | <i>falcatus</i> Metzger, 1871                         | Synonyms: <i>Paratylus uncinatus</i> (Sars); <i>Neotropis falcatus</i> ; <i>Nototropis falcatus</i> .                                 |
| S411 | <i>guttatus</i> (Costa, 1851)                         | Synonym: <i>Nototropis guttatus</i> ; <i>Acanthonotus guttatus</i> .  |
| S412 | <i>swammerdamei</i> (H Milne-Edwards, 1830)           | Synonyms: <i>Paratylus/Nototropis/Neotropis swammerdami</i> (note spelling).  |
| S413 | <i>vedlomensis</i> (Bate & Westwood, 1862)            | Synonyms: <i>Paratylus/Nototropis vedlomensis</i> .   |
| S414 | <i>Dexamine</i> Leach, 1814                           |   |
| S415 | <i>spinosa</i> (Montagu, 1813)                        |   |
| S416 | <i>thea</i> Boeck, 1861                               |   |
| S417 | <i>Guerneae</i> Chevreux, 1887                        |   |
| S418 | <i>coalita</i> (Norman, 1868)                         |   |
| S419 | <i>Tritaeta</i> Boeck, 1876                           |   |
| S420 | <i>gibbosa</i> (Bate, 1862)                           |   |
| S421 | AMPELISCOIDEA   |   |
| S422 | Ampeliscidae  |   |
| S423 | <i>Ampelisca</i> Krøyer, 1842                         | See Dauvin & Bellan-Santini (1988).   |
| S424 | <i>aequicornis</i> Bruzelius, 1859                    |   |
| S425 | <i>anomala</i> G O Sars, 1882                         | South Norway and Biscay.  |
| S426 | <i>armoricana</i> Bellan-Santini & Dauvin, 1981       | Recorded from French coast within the area.   |
| S427 | <i>brevicornis</i> (Costa, 1853)                      | Synonym: <i>A. bellianus</i>  |
| S428 | <i>dalmatina</i> G S Karaman, 1975                    |   |
| S429 | <i>diadema</i> (A Costa, 1853)                        | Synonym: <i>A. assimilis</i> Boeck, 1870.   |
| S430 | <i>eschrichtii</i> Krøyer, 1842                       |   |
| S431 | <i>gibba</i> G O Sars, 1882                           |   |
| S432 | <i>macrocephala</i> Liljeborg, 1852                   |   |
| S433 | <i>odontoplax</i> G O Sars, 1891                      | Norway, Shetland and Biscay.  |
| S434 | <i>provincialis</i> Bellan-Santini & Kaim-Malke, 1977 | Celtic Sea.   |
| S435 | <i>sarsi</i> Chevreux, 1887                           |   |
| S436 | <i>spinifer</i> Reid, 1951                            | Northern Brittany.  |
| S437 | <i>spinimana</i> Chevreux, 1900                       | Record from Dundrum Bay Erwin et al. (1983). As male <i>Ampelisca</i> are difficult to determine this record must remain doubtful.    |
| S438 | <i>spinipes</i> Boeck, 1861                           | Brittany.   |
| S439 | <i>spooneri</i> Dauvin & Bellan-Santini, 1982         | Recorded from the Clyde.  |
| S440 | <i>tenuicornis</i> Liljeborg, 1855                    |   |
| S441 | <i>toulemonti</i> Dauvin & Bellan-Santini, 1982       | Recorded from French coast within the area.   |
| S442 | <i>typica</i> (Bate, 1856)                            |   |
| S443 | <i>Byblis</i> Boeck, 1871                             |   |
| S444 | <i>erythrope</i> G O Sars, 1882                       | Recorded west of Valentia, Ireland (Norman, 1900).  |
| S445 | <i>gaimardii</i> (Krøyer, 1846)                       |   |
| S446 | <i>Haploops</i> Liljeborg, 1855                       | See Dauvin & Bellan-Santini (1990).   |
| S447 | <i>setosa</i> Boeck, 1871                             |   |
| S448 | <i>tubicola</i> Liljeborg, 1855                       |   |
| S449 | PONTOPOREIOIDEA                                       |   |
| S450 | Pontoporeiidae  |   |
| S451 | <i>Bathyporeia</i> Lindström, 1855                    |   |
| S452 | <i>elegans</i> Watkin, 1938                           |   |
| S453 | <i>gracilis</i> G O Sars, 1891                        |   |
| S454 | <i>guilliamsoniana</i> (Bate, 1856)                   |   |
| S455 | <i>nana</i> Toulmond, 1966                            |   |
| S456 | <i>pelagica</i> (Bate, 1856)                          |   |
| S457 | <i>pilosa</i> Lindström, 1855                         |   |
| S458 | <i>sarsi</i> Watkin, 1938                             |   |
| S459 | <i>tenuipes</i> Meinert, 1877                         |   |
| S460 | Haustoriidae  |   |
| S461 | <i>Haustorius</i> P L S Müller, 1775                  |   |
| S462 | <i>arenarius</i> (Slabber, 1769)                      |   |
| S463 | GAMMAROIDEA   | Also includes freshwater species. Bousfield (1977) reviewed the "Gammaridae" complex. This was only partly adopted by Lincoln (1979). |
| S464 | Gammaridae  |   |
| S465 | <i>Echinogammarus</i> Stebbing, 1899                  | <i>Chaetogammarus</i> Martynov, 1925; <i>Marinogammarus</i> Schellenberg, 1937.   |
| S466 | <i>marinus</i> (Leach, 1815)                          |   |
| S467 | <i>pirloti</i> (Sexton & Spooner, 1940)               |   |
| S468 | <i>stoerensis</i> (Reid, 1938)                        |   |
| S469 | <i>Eulimnogammarus</i> Bazikalova, 1945               | See Costello et al. (1990).   |
| S470 | <i>obtusatus</i> (Dahl, 1938)                         |   |
| S471 | <i>Gammarus</i> J C Fabricius, 1775                   |   |
| S472 | <i>chevreuxi</i> Sexton, 1913                         |   |
| S473 | <i>crnicornis</i> Stock, 1966                         |   |
| S474 | <i>duebeni</i> Liljeborg, 1852                        | Both brackish and freshwater subspecies in Ireland (Costello et al., 1990). Synonym: <i>G. fluviatilis</i> .                          |
| S475 | <i>finmarchicus</i> Dahl, 1938                        | Synonym: <i>Marinogammarus finmarchicus</i> .   |



|      |                        |                              |   |
|------|------------------------|------------------------------|---|
| S476 | <i>insensibilis</i>    | Stock, 1966                  |   |
| S477 | <i>lacustris</i>       | G O Sars, 1864               | Freshwater only but may contaminate estuarine samples.  |
| S478 | <i>locusta</i>         | (Linnaeus, 1758)             | Synonym: <i>G. campylops</i> Leach.   |
| S479 | <i>oceanicus</i>       | Segerstråle, 1947            |   |
| S480 | <i>pulex</i>           | (Linnaeus, 1758)             | Freshwater only but may contaminate estuarine samples.  |
| S481 | <i>salinus</i>         | Spooner, 1947                |   |
| S482 | <i>tigrinus</i>        | Sexton, 1939                 | Mainly freshwater.  |
| S483 | <i>zaddachi</i>        | Sexton, 1912                 |   |
| S484 | <i>Pectenogammarus</i> | Reid, 1940                   |   |
| S485 | <i>planicrurus</i>     | (Reid, 1940)                 | Synonym: <i>Echinogammarus planicrurus</i> .  |
| S486 | <b>MELPHIDIPPOIDEA</b> |                              |   |
| S487 | Melphidippidae         |                              |   |
| S488 | <i>Megaluropus</i>     | Hoek, 1889                   |   |
| S489 | <i>agilis</i>          | Hoek, 1889                   |   |
| S490 | <i>Melphidippa</i>     | Boeck, 1871                  |   |
| S491 | <i>goesi</i>           | Stebbing, 1899               |   |
| S492 | <i>Melphidippella</i>  | G O Sars, 1894               |   |
| S493 | <i>macra</i>           | (Norman, 1869)               |   |
| S494 | <b>HADZIOIDEA</b>      |                              |   |
| S495 | Melitidae              |                              |   |
| S496 | <i>Abludomelita</i>    | Karaman, 1981                |   |
| S497 | <i>gladiosa</i>        | (Bate, 1862)                 |   |
| S498 | <i>obtusata</i>        | (Montagu, 1813)              | Synonym: <i>Melita obtusata</i> .   |
| S499 | <i>Allomelita</i>      | Stock, 1984                  |   |
| S500 | <i>pellucida</i>       | (G O Sars, 1882)             | Synonym: <i>Melita pellucida</i> (G O Sars, 1882).  |
| S501 | <i>Ceradocus</i>       | Costa, 1853                  |   |
| S502 | <i>semiserratus</i>    | (Bate, 1862)                 | Synonym: <i>Maera semiserratus</i> .  |
| S503 | <i>Cheirocratus</i>    | Norman, 1867                 |   |
| S504 | <i>assimilis</i>       | (Liljeborg, 1852)            |   |
| S505 | <i>intermedius</i>     | G O Sars, 1894               |   |
| S506 | <i>sundevallii</i>     | (Rathke, 1843)               | Synonym: <i>Protomeia whitei</i> Bate.  |
| S507 | <i>Elasmopus</i>       | Costa, 1853                  |   |
| S508 | <i>rapax</i>           | Costa, 1853                  |   |
| S509 | <i>Eriopisa</i>        | Stebbing, 1890               |   |
| S510 | <i>elongata</i>        | (Bruzelius, 1859)            |   |
| S511 | <i>Eriopisella</i>     | Chevreur, 1920               |   |
| S512 | <i>pusilla</i>         | Chevreur, 1920               |   |
| S513 | <i>Gammarella</i>      | Bate, 1857                   |   |
| S514 | <i>fucicola</i>        | (Leach, 1814)                | Synonyms: <i>G. brevicaudata</i> Milne-Edwards; <i>Amphithoe/ Pherusa fucicola</i> .                                  |
| S515 | <i>Maera</i>           | Leach, 1814                  |   |
| S516 | <i>grossimana</i>      | (Montagu, 1808)              |   |
| S517 | <i>inaequipes</i>      | (A Costa, 1851)              |   |
| S518 | <i>loveni</i>          | (Bruzelius, 1859)            |   |
| S519 | <i>othonis</i>         | (H Milne-Edwards, 1830)      | Synonyms: <i>Gammarus/Megamoera longimanus</i> Leach; <i>Gammarus othonis</i> .                                       |
| S520 | <i>Maerella</i>        | Chevreur, 1911               |   |
| S521 | <i>tenuimana</i>       | (Bate, 1862)                 | Synonym: <i>Maera tenuimana</i> (Bate, 1862).   |
| S522 | <i>Melita</i>          | Leach, 1814                  |   |
| S523 | <i>dentata</i>         | (Kröyer, 1842)               |   |
| S524 | <i>hergensis</i>       | Reid, 1939                   |   |
| S525 | <i>palmata</i>         | (Montagu, 1804)              | Synonym: <i>Gammarus palmata</i> (Montagu, 1804).   |
| S526 | <b>COROPHIOIDEA</b>    |                              |   |
| S527 | Ampithoidae            |                              |   |
| S528 | <i>Amphitholina</i>    | Ruffo, 1953                  |   |
| S529 | <i>cuniculus</i>       | (Stebbing, 1874)             | Systematic position is uncertain (Myers, 1974).   |
| S530 | <i>Ampithoe</i>        | Leach, 1814                  |   |
| S531 | <i>gammaroides</i>     | (Bate, 1856)                 |   |
| S532 | <i>helleri</i>         | G Karaman, 1975              | Synonym: <i>Amphithoe (Pleonexes) neglecta</i> Lincoln, 1976.   |
| S533 | <i>ramondi</i>         | Audouin, 1826                | Synonym: <i>A. vaillanti</i> Lucas.   |
| S534 | <i>rubricata</i>       | (Montagu, 1808)              | Synonyms: <i>A. littorina</i> Bate & Westwood, 1863; <i>Gammarus punctatus</i> .                                      |
| S535 | <i>Sunamphitoe</i>     | Bate, 1856                   |   |
| S536 | <i>pelagica</i>        | (H Milne-Edwards, 1830)      |   |
| S537 | <b>Isaeidae</b>        |                              |   |
| S538 | <i>Gammaropsis</i>     | Liljeborg, 1855              |   |
| S539 | <i>cornuta</i>         | (Norman, 1869)               |   |
| S540 | <i>lobata</i>          | (Chevreur, 1920)             |   |
| S541 | <i>maculata</i>        | (Johnston, 1828)             | Synonyms: <i>Eurystheus erythrophthalmus</i> (Liljeborg); <i>Eurystheus maculatus</i> .                               |
| S542 | <i>nitida</i>          | (Stimpson, 1853)             | Synonym: <i>Podoceroopsis nitida</i> .  |
| S543 | <i>palmata</i>         | (Stebbing & Robertson, 1891) |   |
| S544 | <i>sophiae</i>         | (Boeck, 1861)                | Synonyms: <i>Podoceroopsis sophiae</i> Boeck; <i>Noenia tuberculosa</i> ; <i>Noenia undata</i> Bate & Westwood, 1863. |
| S545 | <i>Isaea</i>           | H Milne-Edwards, 1830        |   |
| S546 | <i>elmhirsti</i>       | Patience, 1909               |   |
| S547 | <i>montagui</i>        | H Milne-Edwards, 1830        |   |
| S548 | <i>Microtopus</i>      | Norman, 1867                 |   |
| S549 | <i>longimanus</i>      | Chevreur, 1887               |   |
| S550 | <i>maculatus</i>       | Norman, 1867                 |   |
| S551 | <i>Photis</i>          | Kröyer, 1842                 | See Myers & McGrath (1981).   |
| S552 | <i>longicaudata</i>    | (Bate & Westwood, 1862)      |   |
| S553 | <i>pollex</i>          | A O Walker, 1895             |   |
| S554 | <i>reinhardi</i>       | Kröyer, 1842                 |   |
| S555 | <i>tenuicornis</i>     | G O Sars, 1882               | No confirmed record.  |
| S556 | <i>Protomeia</i>       | Kröyer, 1842                 |   |
| S557 | <i>fasciata</i>        | Kröyer, 1842                 |   |
| S558 | <b>Ischyroceridae</b>  |                              |   |
| S559 | <i>Cerapus</i>         | Say, 1817                    | Revised by Barnard (1973).  |
| S560 | <i>crassicornis</i>    | (Bate, 1856)                 |   |

|      |                       |                              |   |
|------|-----------------------|------------------------------|---|
| S561 | <i>Ericthonius</i>    | H Milne-Edwards, 1830        | Revised by Myers & McGrath (1984).  |
| S562 | <i>difformis</i>      | H Milne-Edwards, 1830        |   |
| S563 | <i>fasciatus</i>      | (Stimpson, 1853)             |   |
| S564 | <i>punctatus</i>      | (Bate, 1857)                 | Frequently confused with <i>E. brasiliensis</i> (Dana, 1852).<br>Synonym: <i>Cerapus abditus</i> Templeton. |
| S565 | <i>rubricornis</i>    | (Stimpson, 1853)             | Synonym: <i>E. hunteri</i> Bate.  |
| S566 | <i>Ischyrocerus</i>   | Kröyer, 1838                 |   |
| S567 | <i>anguipes</i>       | Kröyer, 1838                 | Synonym: <i>I. minutus</i> Liljeborg.   |
| S568 | <i>Jassa</i>          | Leach, 1814                  |   |
| S569 | <i>falcata</i>        | (Montagu, 1808)              | Synonyms: <i>Podocerus dentex</i> Cerniavski; <i>Podocerus falcatus</i> ; <i>Cerapus falcatus</i> .         |
| S570 | <i>marmorata</i>      | S J Holmes, 1903             |   |
| S571 | <i>ocia</i>           | (Bate, 1862)                 |   |
| S572 | <i>pusilla</i>        | (G O Sars, 1894)             |   |
| S573 | <i>Microjassa</i>     | Stebbing, 1899               |   |
| S574 | <i>cumbrensis</i>     | (Stebbing & Robertson, 1891) | Synonym: <i>Podocerus cumbrensis</i> .  |
| S575 | <i>Parajassa</i>      | Stebbing, 1899               |   |
| S576 | <i>pelagica</i>       | (Leach, 1814)                | Synonyms: <i>Jassa pelagica</i> ; <i>Podocerus pelagica</i> .   |
| S577 | Aoridae               |                              |   |
| S578 | <i>Aora</i>           | Kröyer, 1845                 | See Myers & Costello (1984).  |
| S579 | <i>gracilis</i>       | (Bate, 1857)                 | Synonym: <i>A. typica</i> Kroyer in Lincoln, 1979.  |
| S580 | <i>spiniornis</i>     | Afonso, 1976                 |   |
| S581 | <i>Autonoe</i>        | Bruzelius, 1859              |   |
| S582 | <i>denticarpus</i>    | (Myers & McGrath, 1978)      |   |
| S583 | <i>longipes</i>       | (Liljeborg, 1852)            |   |
| S584 | <i>Lembos</i>         | Bate, 1857                   | Revised by Myers & McGrath (1978 and earlier papers).   |
| S585 | <i>websteri</i>       | Bate, 1857                   |   |
| S586 | <i>Leptocheirus</i>   | Zaddach, 1844                |   |
| S587 | <i>bispinosus</i>     | Norman, 1908                 |   |
| S588 | <i>hirsutimanus</i>   | (Bate, 1862)                 |   |
| S589 | <i>pectinatus</i>     | (Norman, 1869)               |   |
| S590 | <i>pilosus</i>        | Zaddach, 1844                |   |
| S591 | <i>tricristatus</i>   | (Chevreux, 1887)             | May be <i>Leptocheirus guttatus</i> (Grube) (see Lincoln, 1979).  |
| S592 | <i>Microdeutopus</i>  | Costa, 1853                  | Revised by Myers (1977 and earlier papers).   |
| S593 | <i>anomalus</i>       | (Rathke, 1843)               |   |
| S594 | <i>chelifer</i>       | (Bate, 1862)                 |   |
| S595 | <i>damnoniensis</i>   | (Bate, 1856)                 | This species has sometimes been recorded as <i>Microdeutopus anomalus</i> (Costello et al., 1990).          |
| S596 | <i>gryllotalpa</i>    | Costa, 1853                  |   |
| S597 | <i>stationis</i>      | Della Valle, 1893            |   |
| S598 | <i>versiculatus</i>   | (Bate, 1856)                 | Synonym: <i>Coremapus versiculatus</i> .  |
| S599 | <i>Uncinotarsus</i>   | L'Hardy & Truchot, 1964      |   |
| S600 | <i>pellucidus</i>     | L'Hardy & Truchot, 1964      |   |
| S601 | Cheluridae            |                              |   |
| S602 | <i>Chelura</i>        | Philippi, 1839               |   |
| S603 | <i>terebrans</i>      | Philippi, 1839               |   |
| S604 | Corophiidae           |                              | Revised by Barnard (1973) and Ingle (1969). Also includes freshwater species.                               |
| S605 | <i>Corophium</i>      | Latreille, 1806              |   |
| S606 | <i>acherusicum</i>    | (Costa, 1851)                |   |
| S607 | <i>acutum</i>         | Chevreux, 1908               |   |
| S608 | <i>affine</i>         | Bruzelius, 1859              |   |
| S609 | <i>arenarium</i>      | Crawford, 1937               |   |
| S610 | <i>bonnellii</i>      | (H Milne-Edwards, 1830)      |   |
| S611 | <i>crassicornis</i>   | Bruzelius, 1859              |   |
| S612 | <i>insidiosum</i>     | Crawford, 1937               |   |
| S613 | <i>lacustre</i>       | Vanhöffen, 1911              |   |
| S614 | <i>multisetosum</i>   | Stock, 1952                  |   |
| S615 | <i>sextonae</i>       | Crawford, 1937               |   |
| S616 | <i>volutator</i>      | (Pallas, 1766)               | Synonyms: <i>C. longicornis</i> Latreille; <i>C. grossipes</i> Linnaeus.                                    |
| S617 | <i>Siphonoecetes</i>  | Kröyer, 1845                 | Revised by Myers & McGrath (1979).  |
| S618 | <i>kroyeranus</i>     | Bate, 1856                   | Synonym: <i>S. colleti</i> Boeck.   |
| S619 | <i>striatus</i>       | Myers & McGrath, 1979        |   |
| S620 | <i>Unciola</i>        | Say, 1818                    |   |
| S621 | <i>crenatipalma</i>   | (Bate, 1862)                 |   |
| S622 | <i>planipes</i>       | Norman, 1867                 |   |
| S623 | Podoceridae           |                              |   |
| S624 | <i>Dulichia</i>       | Kröyer, 1845                 |   |
| S625 | <i>falcata</i>        | (Bate, 1857)                 |   |
| S626 | <i>tuberculata</i>    | Boeck, 1871                  |   |
| S627 | <i>Dyopedos</i>       | Bate, 1857                   |   |
| S628 | <i>monacanthus</i>    | (Metzger, 1875)              |   |
| S629 | <i>porrectus</i>      | (Bate, 1857)                 | Synonym: <i>Dulichia porrecta</i> .   |
| S630 | <i>Laetmatophilus</i> | Bruzelius, 1859              |   |
| S631 | <i>tuberculatus</i>   | Bruzelius, 1859              | Synonym: <i>L. armatus</i> (Norman, 1869).  |
| S632 | <i>Podocerus</i>      | Leach, 1814                  |   |
| S633 | <i>variegatus</i>     | Leach, 1814                  |   |
| S634 | <i>Xenodice</i>       | Boeck, 1871                  |   |
| S635 | <i>frauenfeldti</i>   | Boeck, 1871                  |   |
| S636 | CAPRELLIDEA           |                              | Reference Harrison (1944) and Costello et al. (1990).   |
| S637 | CAPRELLIDA            |                              |   |
| S638 | CAPRELLOIDEA          |                              |   |
| S639 | Caprellidae           |                              |   |
| S640 | <i>Caprella</i>       | Lamarck, 1801                |   |
| S641 | <i>acanthifera</i>    | Leach, 1814                  |   |
| S642 | <i>andreae</i>        | Mayer, 1890                  |   |
| S643 | <i>equilibra</i>      | Say, 1918                    | Synonym: <i>C. aequilibra</i> Bate.   |
| S644 | <i>erethizon</i>      | Mayer, 1901                  |   |
| S645 | <i>fretensis</i>      | Stebbing, 1878               |   |
| S646 | <i>linearis</i>       | (Linnaeus, 1767)             | Synonym: <i>C. lobata</i> Muller.   |
| S647 | <i>penantis</i>       | Leach, 1814                  | Synonym: <i>C. acutifrons</i> Latreille, 1816.  |

|      |                        |                              |  |
|------|------------------------|------------------------------|--|
| S648 | <i>septentrionalis</i> | Krøyer, 1838                 |  |
| S649 | <i>tuberculata</i>     | Bate & Westwood, 1866        |  |
| S650 | <i>Pariambus</i>       | Stebbing, 1888               |  |
| S651 | <i>typicus</i>         | (Krøyer, 1845)               | Synonym: <i>Podalirus typicus</i> .  |
| S652 | <i>Parvipalpus</i>     | Mayer, 1890                  |  |
| S653 | <i>capillaceus</i>     | (Chevreux, 1888)             |  |
| S654 | PHTISICOIDEA           |                              |  |
| S655 | Phtisicidae            |                              |  |
| S656 | <i>Phtisica</i>        | Slabber, 1769                |  |
| S657 | <i>marina</i>          | Slabber, 1769                | Synonyms: <i>Proto ventricosa</i> Muller; <i>Proto pedata</i> (Abildgaard).  |
| S658 | <i>Pseudoprotella</i>  | Mayer, 1890                  |  |
| S659 | <i>phasma</i>          | (Montagu, 1804)              | Synonym: <i>Protella phasma</i> .  |
| S660 | CYAMIDA                |                              |  |
| S661 | Cyamidae               |                              |  |
| S662 | <i>Cyamus</i>          | Latreille, 1796              |  |
| S663 | <i>boopis</i>          | Lütken, 1870                 |  |
| S664 | <i>catodontis</i>      | Margolis, 1954               | See Stock (1973b).   |
| S665 | <i>cefi</i>            | (Linnaeus, 1758)             |  |
| S666 | <i>erraticus</i>       | Roussel de Vauzème, 1834     |  |
| S667 | <i>gracilis</i>        | (Roussel de Vauzème, 1834)   |  |
| S668 | <i>ovalis</i>          | Roussel de Vauzème, 1834     |  |
| S669 | <i>Isocyamus</i>       | Gervais & van Beneden, 1859  |  |
| S670 | <i>delphinii</i>       | (Guérin-Méneville, 1836)     | Synonym: <i>Cyamus globicipitis</i> Lütken, 1870.  |
| S671 | <i>Platycyamus</i>     | Lütken, 1870                 |  |
| S672 | <i>thompsoni</i>       | (Gosse, 1855)                |  |
| S673 | <i>Scutocyamus</i>     | Lincoln & Hurley, 1974       |  |
| S674 | <i>parvus</i>          | Lincoln & Hurley, 1974       |  |
| S675 | HYPERIIDEA             |                              |  |
|      |                        |                              | Classification after Bowman & Gruner (1973). Reference Chevreux & Fage (1925), Myers (1977). Also advice Myers. See Vinogradov <i>et al.</i> (1982). |
| S676 | PHYSOSOMATA            |                              |  |
| S677 | SCINOIDEA              |                              |  |
| S678 | Mimonectidae           |                              |  |
| S679 | <i>Mimonectes</i>      | Bovallius, 1885              |  |
| S680 | <i>gaussi</i>          | (Woltereck, 1904)            |  |
| S681 | <i>loveni</i>          | Bovallius, 1885              |  |
| S682 | Scinidae               |                              |  |
| S683 | <i>Acanthoscina</i>    |                              |  |
| S684 | <i>acanthodes</i>      | (Stebbing, 1895)             |  |
| S685 | <i>Scina</i>           | Prestandrea, 1833            |  |
| S686 | <i>borealis</i>        | (G O Sars, 1890)             |  |
| S687 | <i>crassicornis</i>    | (J C Fabricius, 1775)        |  |
| S688 | <i>marginata</i>       | (Bovallius, 1885)            | Synonym: <i>S. lepisma</i> Chan, 1889.   |
| S689 | <i>oedicarpus</i>      | Stebbing, 1895               |  |
| S690 | <i>rattrayi</i>        | Stebbing, 1895               |  |
| S691 | <i>spinosa</i>         | Vosseler, 1901               | Synonym: <i>S. uniceps</i> Stebbing, 1895  |
| S692 | <i>submarginata</i>    | Tattersall, 1906             |  |
| S693 | <i>tullbergi</i>       | (Bovallius, 1885)            | Synonym: <i>S. pacifica</i> Stebbing, 1895.  |
| S694 | <i>vosseleri</i>       | Tattersall, 1906             |  |
| S695 | LANCEOLOIDEA           |                              |  |
| S696 | Lanceolidae            |                              |  |
| S697 | <i>Lanceola</i>        | Say, 1818                    |  |
| S698 | <i>borealis</i>        | Bate & Westwood, 1868        |  |
| S699 | <i>loveni</i>          | Bovallius, 1885              | Synonym: <i>L. aestiva</i> Stebbing, 1888.   |
| S700 | <i>pacifica</i>        | Stebbing, 1888               |  |
| S701 | <i>sayana</i>          | Bovallius, 1885              |  |
| S702 | <i>serrata</i>         | Bovallius, 1885              |  |
| S703 | PHYSOCEPHALATA         |                              |  |
| S704 | VIBILIOIDEA            |                              |  |
| S705 | Vibiliidae             |                              |  |
| S706 | <i>Vibilia</i>         | H Milne-Edwards, 1830        |  |
| S707 | <i>armata</i>          | Bovallius, 1887              |  |
| S708 | <i>borealis</i>        | Bate & Westwood, 1868        |  |
| S709 | <i>cultripes</i>       | Vosseler, 1901               |  |
| S710 | <i>gibbosa</i>         | Bovallius, 1887              |  |
| S711 | <i>jeangerardii</i>    | Lucas, 1849                  |  |
| S712 | <i>kroyeri</i>         | Bovallius, 1887              |  |
| S713 | <i>propinqua</i>       | Stebbing, 1888               |  |
| S714 | <i>pyripes</i>         | Bovallius, 1887              |  |
| S715 | <i>viatrix</i>         | Bovallius, 1887              |  |
| S716 | Cystisomatidae         |                              |  |
| S717 | <i>Cystisoma</i>       | Guérin-Méneville, 1842       |  |
| S718 | <i>fabricii</i>        | Stebbing, 1888               |  |
| S719 | <i>latipes</i>         | (Stephensen, 1918)           |  |
| S720 | <i>neptunus</i>        | Guérin-Méneville, 1842       | May be synonymous with <i>Cystisoma spinosum</i> .   |
| S721 | <i>pellucida</i>       | (Willemoës-Suhm, 1874)       | Synonym: <i>C. parkinsoni</i> Stebbing, 1888.  |
| S722 | <i>spinosum</i>        | (J C Fabricius, 1775)        |  |
| S723 | Paraphronimidae        |                              |  |
| S724 | <i>Paraphronima</i>    | Claus, 1879                  |  |
| S725 | <i>crassipes</i>       | Claus, 1879                  |  |
| S726 | <i>gracilis</i>        | Claus, 1879                  |  |
| S727 | PHRONIMOIDEA           |                              |  |
| S728 | Hyperidae              |                              |  |
| S729 | <i>Hyperia</i>         | Latreille in Desmarest, 1823 |  |
| S730 | <i>galba</i>           | (Montagu, 1813)              | Synonym: <i>H. latreille</i> Milne-Edwards   |
| S731 | <i>medusarum</i>       | (O F Müller, 1776)           |  |
| S732 | <i>spinigera</i>       | Bovallius, 1889              |  |
| S733 | <i>Hyperioides</i>     | Chevreux, 1900               |  |
| S734 | <i>longipes</i>        | Chevreux, 1900               |  |
| S735 | <i>Hyperoche</i>       | Bovallius, 1887              |  |

- S736 *medusarum* (Kröyer, 1838)  
 S737 *Lestrigonus* H Milne-Edwards, 1830  
 S738 *latissimus* (Bovallius, 1887)  
 S739 *Themisto* Guérin-Méneville, 1828  
 S740 *abyssorum* (Boeck, 1870)  
 S741 *compressa* Goës, 1865
- Synonym: *Hyperoche tauriformes* of Tattersall (1906, 1913).
- Synonym: *Parathemisto oblivia* (Kroyer).  
 Often confused with *Themisto gaudichaudii* (Guerin-Méneville 1825) an Antarctic species. See Costello et al. (1990).
- S742 Dairellidae  
 S743 *Dairella* Bovallius, 1887  
 S744 *latissima* Bovallius, 1887  
 S745 Phronimidae  
 S746 *Phronima* Latreille, 1802  
 S747 *atlantica* Guérin-Méneville, 1836  
 S748 *colletti* Bovallius, 1887  
 S749 *sedentaria* (Forskål, 1775)
- S750 *stebbingii* Vosseler, 1901  
 S751 Phrosinidae  
 S752 *Anchylomera* H Milne-Edwards, 1830  
 S753 *blossevillii* H Milne-Edwards, 1830  
 S754 *Phrosina* Risso, 1822  
 S755 *semilunata* Risso, 1822  
 S756 *Primno* Guérin-Méneville, 1836  
 S757 *evansi* Sheader, 1986
- S758 LYCAEOPSOIDEA  
 S759 Lycaeopsidae  
 S760 *Lycaeopsis* Claus, 1879  
 S761 *themistoides* Claus, 1879  
 S762 PLATYSCELOIDEA  
 S763 Pronoidae  
 S764 *Eupronoe* Claus, 1879  
 S765 *minuta* Claus, 1879  
 S766 *Paralycaea* Claus, 1879  
 S767 *gracilis* Claus, 1879  
 S768 Brachyscelidae  
 S769 *Brachyscelus* Bate, 1861  
 S770 *crusculum* Bate, 1861  
 S771 Tryphanidae  
 S772 *Tryphana* Boeck, 1870  
 S773 *malmi* Boeck, 1870  
 S774 Oxycephalidae  
 S775 *Glossocephalus* Bovallius, 1887  
 S776 *milneedwardsi* Bovallius, 1887  
 S777 Platyscelidae  
 S778 *Platyscelus* Bate, 1861  
 S779 *ovoides* (Risso, 1816)  
 S780 *serratulus* Stebbing, 1888  
 S781 *Tetrathyrus* Claus, 1879  
 S782 *forcipatus* Claus, 1879  
 S783 Parascelidae  
 S784 *Parascelus* Claus, 1879  
 S785 *typhoides* Claus, 1887  
 S786 INGOLFIELLIDEA  
 S787 Ingolfiellidae  
 S788 *Ingolfiella* Hansen, 1903  
 S789 *britannica* Spooner, 1960  
 S790 ISOPODA Reference Naylor (1972), Huwae (1977), Adema & Huwae (1982) & PMF.  
 S791 GNATHIIDEA  
 S792 Gnathiidae  
 S793 *Gnathia* Leach, 1814  
 S794 *dentata* G O Sars, 1871  
 S795 *maxillaris* (Montagu, 1804)  
 S796 *oxyuraea* (Liljeborg)  
 S797 *vorax* (Lucas)  
 S798 *Paragnathia* Omer-Cooper, 1916  
 S799 *formica* (Hesse, 1864)  
 S800 ANTHURIDEA  
 S801 Anthuridae  
 S802 *Anthura* Leach, 1814  
 S803 *gracilis* (Montagu, 1808)  
 S804 *Cyathura* Norman & Stebbing, 1886  
 S805 *carinata* (Kröyer, 1847)  
 S806 Paranthuridae  
 S807 *Leptanthura* G O Sars, 1897  
 S808 *tenuis* (G O Sars, 1872)  
 S809 *Paranthura* Bate & Westwood, 1868  
 S810 *costana* Bate & Westwood, 1868  
 S811 FLABELLIFERA  
 S812 Aegidae  
 S813 *Aega* Leach, 1815  
 S814 *bicarinata* Leach, 1815  
 S815 *monophthalma* Johnston, 1834  
 S816 *psora* (Linnaeus, 1758)  
 S817 *rosacea* (Risso, 1816)  
 S818 *stromi* Lütken, 1858  
 S819 *tridens* Leach, 1815  
 S820 *Rocinela* Leach, 1815  
 S821 *damnoniensis* Leach, 1815  
 S822 *dumerillii* (Lucas)
- Synonym: *B. mediterranea* (Claus, 1887).
- Revised by Poore (1980).  
 Norway 150-200m and off Portugal.

|      |   |   |
|------|---|---|
| S823 | Cymothoidae                                     |   |
| S824 | Anilocrinae                                     |   |
| S825 | <i>Anilocra</i> Leach, 1818                     |   |
| S826 | <i>frontalis</i> H Milne-Edwards, 1840          |   |
| S827 | <i>physodes</i> (Linnaeus)                      |   |
| S828 | <i>Nerocila</i> Leach, 1818                     |   |
| S829 | <i>maculata</i> H Milne-Edwards, 1840           |   |
| S830 | <i>neapolitana</i> Schiodte & Meinert, 1879     |   |
| S831 | <i>orbigny</i> (Guérin-Méneville)               | See O'Riordan (1982).   |
| S832 | Lironecinae                                     | Revised by Trilles (1976).  |
| S833 | <i>Irona</i> Schioedte & Meinert, 1884          |   |
| S834 | <i>nana</i> Schioedte & Meinert, 1884           |   |
| S835 | Limnoriidae                                     |   |
| S836 | <i>Limnoria</i> Leach, 1815                     |   |
| S837 | <i>Limnoria</i> ( <i>Limnoria</i> ) Leach, 1815 |   |
| S838 | <i>lignorum</i> (Rathke, 1799)                  |   |
| S839 | <i>quadripunctata</i> Holthuis, 1949            |   |
| S840 | <i>tripunctata</i> (Menzies, 1957)              |   |
| S841 | Cirolanidae                                     |   |
| S842 | Cirolaninae                                     |   |
| S843 | <i>Cirolana</i> Leach, 1818                     |   |
| S844 | <i>borealis</i> Liljeborg, 1851                 |   |
| S845 | <i>cranchii</i> Leach, 1818                     |   |
| S846 | <i>gallica</i> Hansen, 1905                     | Roscoff and Channel Islands (Naylor 1972).                              |
| S847 | <i>microphthalma</i> Hoek, 1882                 | See Jones (1979).   |
| S848 | <i>Conilera</i> Leach                           |   |
| S849 | <i>cylindracea</i> (Montagu, 1803)              |   |
| S850 | <i>Eurydice</i> Leach, 1815                     |   |
| S851 | <i>affinis</i> Hansen, 1905                     |   |
| S852 | <i>grimaldii</i> Dollfus, 1888                  |   |
| S853 | <i>inermis</i> Hansen, 1890                     |   |
| S854 | <i>pulchra</i> Leach, 1815                      |   |
| S855 | <i>spinigera</i> Hansen, 1890                   |   |
| S856 | <i>truncata</i> (Norman, 1868)                  |   |
| S857 | Sphaeromatidae                                  |   |
| S858 | <i>Campecopea</i> Leach, 1814                   |   |
| S859 | <i>hirsuta</i> (Montagu, 1804)                  |   |
| S860 | <i>Cymodoce</i> Leach, 1814                     | Requires revision (Naylor, 1972). See also Omer-Cooper & Rawson (1934). |
| S861 | <i>emarginata</i> (Leach, 1818)                 |   |
| S862 | <i>granulatum</i> (Milne-Edwards, 1840)         |   |
| S863 | <i>truncata</i> Leach, 1814                     |   |
| S864 | <i>Dynamene</i> Leach, 1814                     | Revised by Holdich (1970).  |
| S865 | <i>bidentata</i> (Adams, 1800)                  |   |
| S866 | <i>edwardsi</i> Lucas                           |   |
| S867 | <i>magnitorata</i> Holdich, 1968                |   |
| S868 | <i>Sphaeroma</i> Bosc, 1801                     |   |
| S869 | <i>hookeri</i> Leach, 1814                      |   |
| S870 | <i>monodi</i> Bocquet Hoestlandt & Levi, 1954   |   |
| S871 | <i>rugicauda</i> Leach, 1814                    |   |
| S872 | <i>serratum</i> (Fabricius, 1787)               |   |
| S873 | ASELLOTA  |   |
| S874 | ASELLOIDEA                                      |   |
| S875 | Asellidae                                       |   |
| S876 | <i>Asellus</i> Geoffroy St Hilaire, 1764        |   |
| S877 | <i>aquaticus</i> (Linnaeus, 1758)               |   |
| S878 | <i>Proasellus</i> Dudich, 1925                  |   |
| S879 | <i>cavaticus</i> (Leydig, 1871)                 |   |
| S880 | <i>hermallensis</i> (Arcangeli, 1938)           |   |
| S881 | <i>meridianus</i> (Racovitza, 1919)             |   |
| S882 | JANIROIDEA                                      |   |
| S883 | Janiridae                                       |   |
| S884 | <i>Jaera</i> Leach, 1813                        |   |
| S885 | <i>albifrons</i> Leach, 1814                    | Species aggregate. See Forsman (1949) and Bocquet (1950).               |
| S886 | <i>forsmani</i> Bocquet, 1953                   |   |
| S887 | <i>hopeana</i> Costa, 1853                      |   |
| S888 | <i>ischiostosa</i> Forsman, 1949                |   |
| S889 | <i>nordmanni</i> (Rathke, 1837)                 |   |
| S890 | <i>praehirsuta</i> Forsman, 1949                |   |
| S891 | <i>Janira</i> Leach, 1813                       |   |
| S892 | <i>maculosa</i> Leach, 1813                     |   |
| S893 | <i>Janiropsis</i> G O Sars, 1899                |   |
| S894 | <i>breviremis</i> G O Sars, 1899                |   |
| S895 | <i>Microcharon</i> Karaman, 1933                |   |
| S896 | <i>harrisi</i> Spooner, 1959                    |   |
| S897 | <i>teissieri</i> Levi                           | Roscoff.  |
| S898 | <i>Microjaera</i> Bocquet & Levi, 1955          |   |
| S899 | <i>anisopoda</i> Bocquet & Levi, 1955           |   |
| S900 | Munnidae  |   |
| S901 | <i>Munna</i> Kröyer, 1839                       |   |
| S902 | <i>armoricana</i> Carlton                       |   |
| S903 | <i>boeckii</i> Kröyer, 1839                     |   |
| S904 | <i>fabricii</i> Kröyer, 1846                    | nec <i>Munna fabricii</i> Sars.   |
| S905 | <i>kröyeri</i> Goodsir, 1842                    |   |
| S906 | <i>limicola</i> G O Sars, 1899                  |   |
| S907 | <i>minuta</i> Hansen, 1916                      |   |
| S908 | <i>petiti</i> Amar, 1948                        |   |
| S909 | Paramunnidae                                    |   |
| S910 | <i>Paramunna</i> G O Sars, 1866                 |   |
| S911 | <i>bilobata</i> G O Sars, 1897                  |   |

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|-------|---|---|
| S912  | Pleurogonidae                             |   |
| S913  | <i>Pleurogonium</i> G O Sars, 1863        |   |
| S914  | <i>inerme</i> G O Sars, 1883              | See Sars (1899).  |
| S915  | <i>rubicundum</i> G O Sars, 1897          |   |
| S916  | <i>spinosissimum</i> G O Sars, 1899       | See Sars (1899).  |
| S917  | Jaeropsidae                               |   |
| S918  | <i>Jaeropsis</i> Koehler, 1885            |   |
| S919  | <i>brevicornis</i> Koehler, 1885          |   |
| S920  | Desmosomatidae                            |   |
| S921  | <i>Desmosoma</i> G O Sars, 1863           |   |
| S922  | <i>filipes</i> Hult, 1942                 |   |
| S923  | <i>globiceps</i> (Meinert, 1890)          |   |
| S924  | Eurycopidae                               |   |
| S925  | <i>Eurycope</i> G O Sars, 1863            |   |
| S926  | <i>mutica</i> G O Sars, 1898              |   |
| S927  | <i>phallangium</i> G O Sars, 1863         |   |
| S928  | <i>pygmaea</i> G O Sars, 1869             | See Spooner (1959).                                     |
| S929  | Munnopsidae                               |   |
| S930  | <i>Pseudarachna</i> G O Sars, 1899        |   |
| S931  | <i>hirsuta</i> (G O Sars, 1863)           | See Sars (1899).  |
| S932  | VALVIFERA                                 |   |
| S933  | Idoteidae                                 |   |
| S934  | <i>Idotea</i> Fabricius, 1798             |   |
| S935  | <i>baltica</i> (Pallas, 1772)             |   |
| S936  | <i>chelipes</i> (Pallas, 1772)            |   |
| S937  | <i>emarginata</i> (Fabricius, 1793)       |   |
| S938  | <i>granulosa</i> Rathke, 1843             |   |
| S939  | <i>linearis</i> (Pennant, 1777)           |   |
| S940  | <i>metallica</i> Bosc, 1802               |   |
| S941  | <i>neglecta</i> G O Sars, 1897            |   |
| S942  | <i>pelagica</i> Leach, 1815               |   |
| S943  | <i>Synisoma</i> Collinge, 1917            |   |
| S944  | <i>acuminatum</i> (Leach, 1815)           |   |
| S945  | <i>lancifer</i> (Leach)                   |   |
| S946  | <i>Zenobiana</i> Stebbing, 1895           |   |
| S947  | <i>prismatica</i> (Risso, 1826)           |   |
| S948  | Arcturidae                                |   |
| S949  | <i>Arcturella</i> G O Sars, 1899          |   |
| S950  | <i>damnoniensis</i> (Stebbing, 1874)      |   |
| S951  | <i>dilatata</i> (G O Sars, 1882)          |   |
| S952  | <i>Astacilla</i> Cordiner, 1795           |   |
| S953  | <i>deshaysi</i> (Norman & Scott, 1906)    |   |
| S954  | <i>intermedia</i> (Goodsir, 1841)         |   |
| S955  | <i>longicornis</i> (Sowerby, 1806)        |   |
| S956  | EPICARIDEA                                | After Bourdon (1963).                                   |
| S957  | Hemioniscidae                             |   |
| S958  | <i>Hemioniscus</i> Buchholz, 1866         |   |
| S959  | <i>balani</i> (Bate, 1860)                |   |
| S960  | <i>Lepioniscus</i>                        |   |
| S961  | <i>anatiferae</i> Giard, 1887             | Roscoff (Bourdon, 1963).                                |
| S962  | Crinoniscidae                             |   |
| S963  | <i>Crinoniscus</i>                        |   |
| S964  | <i>equiptans</i> Perez, 1900              |   |
| S965  | Cabiropsidae                              |   |
| S966  | <i>Ancyroniscus</i>                       |   |
| S967  | <i>bonnieri</i> Caullery & Mesnil, 1919   |   |
| S968  | <i>Clypeoniscus</i> Giard & Bonnier, 1895 |   |
| S969  | <i>hanseni</i> Giard & Bonnier, 1895      |   |
| S970  | Liriopsidae                               |   |
| S971  | <i>Danalia</i>                            |   |
| S972  | <i>larvaeformis</i> (Giard, 1874)         |   |
| S973  | <i>Liriopsis</i> Schultze, 1859           |   |
| S974  | <i>pygmaea</i> (Rathke, 1842)             |   |
| S975  | Dajidae                                   |   |
| S976  | <i>Prodajus</i>                           |   |
| S977  | <i>lobiancoi</i> Bonnier, 1903            |   |
| S978  | <i>ostendensis</i> Gilson, 1909           |   |
| S979  | Phryxidae                                 |   |
| S980  | <i>Anisarthus</i>                         |   |
| S981  | <i>pelseneeri</i> Giard, 1907             |   |
| S982  | <i>Aspidophryxus</i> G O Sars, 1882       |   |
| S983  | <i>peltatus</i> G O Sars, 1898            | I.O.M. fauna.   |
| S984  | <i>Athelges</i> Hesse, 1861               | Requires revision (Naylor, 1972). See also Pike (1953). |
| S985  | <i>bilobus</i> G O Sars, 1899             |   |
| S986  | <i>lorifera</i> Hesse, 1876               |   |
| S987  | <i>paguri</i> (Rathke, 1843)              |   |
| S988  | <i>prideauxi</i> Giard & Bonnier, 1890    |   |
| S989  | <i>tenuicaudis</i> G O Sars, 1899         |   |
| S990  | <i>tenuicaudis</i> G O Sars, 1899         |   |
| S991  | <i>Hemiarthrus</i> Giard & Bonnier        |   |
| S992  | <i>abdominalis</i> (Kröyer, 1840)         |   |
| S993  | <i>Pliophryxus</i>                        |   |
| S994  | <i>philonika</i> (Giard & Bonnier)        | See Smaldon (1979).                                     |
| S995  | Bopyridae                                 | Reference Bourdon (1968).                               |
| S996  | <i>Bopyrina</i> Kossman, 1881             |   |
| S997  | <i>ocellata</i> (Czerniavski, 1868)       | Synonym: <i>B. giardi</i> Bonnier, 1900.                |
| S998  | <i>Bopyroides</i> Stimpson, 1864          |   |
| S999  | <i>cluthae</i> (T Scott, 1902)            |   |
| S1000 | <i>hippolytes</i> (Kröyer, 1838)          |   |
| S1001 | <i>Bopyrus</i> Latreille, 1802            |   |
| S1002 | <i>squillarum</i> Latreille, 1802         | Synonym: <i>B. fougerouxi</i> Giard & Bonnier, 1890.    |

|       |  |                                |   |
|-------|--|--------------------------------|---|
| S1003 | <i>Cancricepon</i>                             | Giard & Bonnier, 1887          |   |
| S1004 | <i>elegans</i>                                 | Giard & Bonnier, 1887          |   |
| S1005 | <i>pilula</i>                                  | Giard & Bonnier, 1887          |   |
| S1006 | <i>Gyge</i>                                    | Cornalia & Panceri, 1858       |   |
| S1007 | <i>branchialis</i>                             | Cornalia & Panceri, 1858       | <i>Gyge galathae</i> Bate & Westwood 1868 recorded from the Channel Islands is a probable synonym (Naylor, 1972). |
| S1008 | <i>Ione</i>                                    | Latreille, 1818                |   |
| S1009 | <i>thoracica</i>                               | (Montagu, 1808)                |   |
| S1010 | <i>Pleurocrypta</i>                            | Hesse, 1865                    |   |
| S1011 | <i>galathea</i>                                | Hesse, 1865                    | Synonym: <i>P. marginata</i> G.O. Sars, 1899.   |
| S1012 | <i>longibranchiata</i>                         | (Bate & Westwood, 1868)        |   |
| S1013 | <i>microbranchiata</i>                         | G O Sars, 1899                 | Synonym: <i>P. intermedia</i> Giard & Bonnier, 1890.  |
| S1014 | <i>piriformis</i>                              | Bourdon, 1968                  | Roscoff Bourdon (1980)  |
| S1015 | <i>porcellanae</i>                             | Hesse, 1876                    |   |
| S1016 | <i>strigosa</i>                                | Giard & Bonnier ex B'don, 1968 |   |
| S1017 | <i>Progebiophilus</i>                          | R Codreanu & M Codreanu, 1963  |   |
| S1018 | <i>euxinicus</i>                               | (Popov, 1929)                  | See McGrath & Atkins (1979).  |
| S1019 | <i>Pseudione</i>                               | Kossmann, 1881                 |   |
| S1020 | <i>affinis</i>                                 | (G O Sars, 1882)               |   |
| S1021 | <i>callianassae</i>                            | Kossmann, 1881                 |   |
| S1022 | <i>confusa</i>                                 | (Norman, 1886)                 |   |
| S1023 | <i>crenulata</i>                               | G O Sars, 1899                 | Synonym: <i>P. insignis</i> (Giard & Bonnier, 1890).  |
| S1024 | <i>hyndmanni</i>                               | (Bate & Westwood, 1868)        | Synonym: <i>P. proxima</i> Bonnier, 1900.   |
| S1025 | <i>Scyracepon</i>                              | Tattersall, 1905               |   |
| S1026 | <i>tuberculosa</i>                             | Tattersall, 1905               |   |
| S1027 | <i>Urobopyrus</i>                              | Richardson, 1904               |   |
| S1028 | <i>processae</i>                               | Richardson, 1904               | Roscoff (Bourdon, 1968) and see Smaldon (1979).   |
| S1029 | <i>Urocryptella</i>                            | R Codreanu & M Codreanu, 1963  |   |
| S1030 | <i>diogeni</i>                                 | (Popov, 1929)                  |   |
| S1031 | Entoniscidae                                   |                                |   |
| S1032 | <i>Cancrion</i>                                |                                |   |
| S1033 | <i>floridus</i>                                | Giard & Bonnier, 1886          |   |
| S1034 | <i>miser</i>                                   | Giard & Bonnier, 1886          |   |
| S1035 | <i>pilipedi</i>                                | Veillet & Bourdon              |   |
| S1036 | <i>Entoniscus</i>                              |                                |   |
| S1037 | <i>muelleri</i>                                | Giard & Bonnier, 1886          |   |
| S1038 | <i>Etionella</i>                               | Miyashita, 1941                |   |
| S1039 | <i>monensis</i>                                | Hartnoll, 1960                 |   |
| S1040 | <i>Pinnotherion</i>                            | Giard & Bonnier, 1889          |   |
| S1041 | <i>vermiforme</i>                              | Giard & Bonnier, 1889          |   |
| S1042 | <i>Portunion</i>                               | Giard & Bonnier, 1886          |   |
| S1043 | <i>kossmanni</i>                               | (Giard & Bonnier, 1886)        |   |
| S1044 | <i>maenadis</i>                                | (Giard, 1886)                  |   |
| S1045 | <i>moniezi</i>                                 | (Giard, 1878)                  |   |
| S1046 | <i>pusillus</i>                                | Perez, 1931                    |   |
| S1047 | <i>salvatoris</i>                              | (Kossmann, 1881)               |   |
| S1048 | <i>Priapion</i>                                |                                |   |
| S1049 | <i>fraissei</i>                                | Giard & Bonnier, 1887          | See Goudswaard (1981).  |
| S1050 | ONISCIDEA                                      |                                | Mostly terrestrial. Species included here occur in supralittoral and coastal areas.                               |
| S1051 | LIGIAMORPHA                                    |                                |   |
| S1052 | DIPLOCHETA                                     |                                |   |
| S1053 | Ligiidae                                       |                                |   |
| S1054 | <i>Ligia</i>                                   | Fabricius, 1798                |   |
| S1055 | <i>exotica</i>                                 | Roux, 1828                     |   |
| S1056 | <i>oceanica</i>                                | (Linnaeus, 1767)               |   |
| S1057 | SYNOCHETA                                      |                                |   |
| S1058 | TRICHONISCOIDEA                                |                                |   |
| S1059 | Trichoniscidae                                 |                                | Classification follows Vandel (1960, 1962).   |
| S1060 | Trichoniscinae                                 |                                |   |
| S1061 | <i>Metatrachoniscoides</i>                     | Vandel, 1943                   |   |
| S1062 | <i>celticus</i>                                | Oliver & Trew, 1981            |   |
| S1063 | <i>Miktoniscus</i>                             | Kesselyak, 1930                |   |
| S1064 | <i>patiencei</i>                               | Vandel, 1946                   | See Oliver & Sutton (1982).   |
| S1065 | <i>Trachoniscoides</i>                         | G O Sars, 1899                 |   |
| S1066 | <i>saeroensis</i>                              | Lohmander, 1923                | See Oliver & Trew (1981).   |
| S1067 | <i>Trichoniscus</i>                            | Brandt, 1833                   |   |
| S1068 | <i>albidus</i>                                 | Budde-Lund                     |   |
| S1069 | <i>pusillus</i>                                | Brandt, 1833                   |   |
| S1070 | <i>pygmaeus</i>                                | G O Sars, 1898                 | See Oliver & Trew (1981).   |
| S1071 | <i>roseus</i>                                  | (Koch)                         |   |
| S1072 | <i>viridus</i>                                 | Koch                           |   |
| S1073 | Haplophthalminae                               |                                |   |
| S1074 | <i>Haplophthalmus</i>                          | Schobl, 1861                   |   |
| S1075 | <i>mengei</i>                                  | (Zaddach, 1844)                | See Oliver & Trew (1981).   |
| S1076 | CRINOCHEA                                      |                                |   |
| S1077 | ONISCOIDEA                                     |                                |   |
| S1078 | Halophilosciidae                               |                                |   |
| S1079 | <i>Halophiloscia</i>                           | Verhoeff, 1908                 |   |
| S1080 | <i>Halophiloscia</i> ( <i>Stenophiloscia</i> ) | Verhoeff, 1908                 |   |
| S1081 | <i>couchi</i>                                  | (Kinahan, 1858)                |   |
| S1082 | <i>zosteriae</i>                               | Verhoeff, 1928                 | See Harding et al. (1980).  |
| S1083 | Philosciidae                                   |                                |   |
| S1084 | <i>Philoscia</i>                               | Latreille, 1804                |   |
| S1085 | <i>couchi</i>                                  | Kinahan, 1858                  |   |
| S1086 | <i>muscorum</i>                                | (Scopoli, 1763)                |   |
| S1087 | Oniscidae                                      |                                |   |
| S1088 | <i>Oniscus</i>                                 | Linnaeus, 1758                 |   |
| S1089 | <i>asellus</i>                                 | Linnaeus, 1758                 |   |
| S1090 | ARMADILLOIDEA                                  |                                |   |
| S1091 | Porcellionidae                                 |                                |   |

|       |  |   |
|-------|--|---|
| S1092 | <i>Porcellio</i> Latreille, 1804             |   |
| S1093 | <i>scaber</i> Latreille, 1804                |   |
| S1094 | Armadillidiidae                              |   |
| S1095 | Armadillidiinae                              |   |
| S1096 | <i>Armadillidium</i> Brandt, 1833            |   |
| S1097 | <i>album</i> Dollfus, 1887                   |   |
| S1098 | <i>vulgare</i> (Latreille, 1804)             |   |
| S1099 | <b>TANAIDACEA</b>                            | Down to 1,000m around British Isles and Atlantic coast of France. References: Holdich & Jones (1983); Bird & Holdich (1984); Holdich & Bird (1986) and Sieg (1986a, b). |
| S1100 | <b>TANAIDOMORPHA</b>                         |   |
| S1101 | <b>TANAOIDEA</b>                             |   |
| S1102 | Tanaidae                                     | Revised by Sieg (1980).   |
| S1103 | <i>Parasinelobus</i> Sieg, 1980              |   |
| S1104 | <i>chevreuxi</i> (Dollfus, 1898)             |   |
| S1105 | <i>Tanais</i> Latreille, 1831                |   |
| S1106 | <i>dulongii</i> (Audouin, 1826)              | Synonym: <i>T. cavolinii</i> Milne-Edwards, 1840.   |
| S1107 | <i>Zeuxo</i>                                 |   |
| S1108 | <i>holdichii</i> Bamber, 1990                | From Biscay coast, France.  |
| S1109 | <b>PARATANOIDEA</b>                          |   |
| S1110 | Paratanaidae                                 |   |
| S1111 | <i>Heterotanais</i> G O Sars, 1882           |   |
| S1112 | <i>oerstedii</i> (Krøyer, 1842)              |   |
| S1113 | <i>Leptochelia</i> Dana, 1849                |   |
| S1114 | <i>dubia</i> (Krøyer, 1842)                  | Synonym: <i>L. savignyi</i> Krøyer, 1842.   |
| S1115 | Anarthruridae                                | Leptognathiidae.  |
| S1116 | Akanthophoreinae                             |   |
| S1117 | <i>Araphura</i> Bird & Holdich, 1984         |   |
| S1118 | <i>brevimana</i> (Liljeborg, 1864)           |   |
| S1119 | <i>filiformis</i> (Liljeborg, 1864)          |   |
| S1120 | <i>Collettea</i>                             |   |
| S1121 | <i>cylindrata</i> (G O Sars, 1882)           | Shallower than 1,000 m on Hebridean slope.  |
| S1122 | <i>Haplocope</i> G O Sars, 1882              |   |
| S1123 | <i>angusta</i> G O Sars, 1882                |   |
| S1124 | <i>Leptoganthiopsis</i> Holdich & Bird, 1986 |   |
| S1125 | <i>attenuata</i> Holdich & Bird, 1986        |   |
| S1126 | <i>Subulella</i> Holdich & Bird, 1986        |   |
| S1127 | <i>scotti</i> Holdich & Bird, 1986           |   |
| S1128 | <i>Tanaella</i> Norman & Stebbing, 1886      |   |
| S1129 | <i>unguicillata</i> Norman & Stebbing, 1886  |   |
| S1130 | Leptognathiinae                              |   |
| S1131 | <i>Leptognathia</i> G O Sars, 1882           |   |
| S1132 | <i>breviremis</i> (Liljeborg, 1864)          |   |
| S1133 | <i>gracilis</i> (Krøyer, 1842)               |   |
| S1134 | <i>manca</i> G O Sars, 1882                  |   |
| S1135 | <i>paramanca</i> Lang, 1958                  | Of doubtful position in this genus.   |
| S1136 | <i>rigida</i> (Bate & Westwood, 1868)        | <i>Species indeterminata</i> (Holdich & Jones 1983).  |
| S1137 | <i>Akanthophoreus</i> Sieg, 1986             | Synonym: <i>Leptognathia</i> .  |
| S1138 | <i>gracilis</i> (Krøyer, 1842)               |   |
| S1139 | <i>Pseudoparatanais</i> Sieg, 1973           |   |
| S1140 | <i>batei</i> (G O Sars, 1882)                |   |
| S1141 | <i>Tanaopsis</i> G O Sars, 1896              |   |
| S1142 | <i>graciloides</i> (Liljeborg, 1864)         |   |
| S1143 | Anarthrurinae                                |   |
| S1144 | Agathotanaini                                |   |
| S1145 | <i>Agathotanais</i> Hansen, 1913             |   |
| S1146 | <i>ingolffi</i> Hansen, 1913                 |   |
| S1147 | Anarthrurini                                 |   |
| S1148 | <i>Anarthrura</i> G O Sars, 1882             |   |
| S1149 | <i>simplex</i> G O Sars, 1882                |   |
| S1150 | Typhlotanaidae                               |   |
| S1151 | <i>Typhlotanais</i> G O Sars, 1882           |   |
| S1152 | <i>aequiremis</i> (Liljeborg, 1864)          |   |
| S1153 | <i>brevicomis</i> (Liljeborg, 1864)          |   |
| S1154 | <i>microcheles</i> G O Sars, 1882            |   |
| S1155 | <i>proctagon</i> Tattersall, 1904            | Shallower than 1,000m on Hebridean slope.   |
| S1156 | <i>pulcher</i> Hansen, 1913                  |   |
| S1157 | <i>tenuicornis</i> G O Sars, 1882            |   |
| S1158 | <i>tenuimanus</i> (Liljeborg, 1864)          | Shallower than 1,000m on Hebridean slope.   |
| S1159 | Pseudotanaidae                               |   |
| S1160 | Pseudotanainae                               |   |
| S1161 | <i>Pseudotanais</i> G O Sars, 1882           |   |
| S1162 | <i>forcipatus</i> (Liljeborg, 1864)          |   |
| S1163 | <i>jonesi</i> Sieg, 1977                     |   |
| S1164 | <i>mediterraneus</i> G O Sars, 1882          | From Biscay coast, France.  |
| S1165 | <i>similis</i> Sieg, 1973                    | From Biscay coast, France.  |
| S1166 | Nototanaidae                                 |   |
| S1167 | <i>Tanaissus</i> Norman & Scott, 1906        |   |
| S1168 | <i>elongatus</i> Jones & Holdich, 1983       |   |
| S1169 | <i>liljeborgi</i> Stebbing, 1891             |   |
| S1170 | <b>APSEUDOMORPHA</b>                         |   |
| S1171 | <b>APSEUDOIDEA</b>                           |   |
| S1172 | Apseudidae                                   |   |
| S1173 | <i>Apseudes</i> Leach, 1814                  |   |
| S1174 | <i>grossimanus</i> Norman & Stebbing, 1886   |   |
| S1175 | <i>iatreillii</i> (Milne-Edwards, 1828)      |   |
| S1176 | <i>spinus</i> (M Sars, 1858)                 |   |
| S1177 | <i>talpa</i> (Montagu, 1808)                 |   |
| S1178 | <i>Calozodion</i>                            |   |
| S1179 | <i>dollfusi</i> Gutu, 1989                   | Off Jersey.   |
| S1180 | Sphyrapidae                                  |   |



|       |  |   |
|-------|--|---|
| S1181 | <i>Sphyrapus</i> Norman & Stebbing, 1886       |   |
| S1182 | <i>malleolus</i> Norman & Stebbing, 1886       | Normally a deep-water species but has been recorded south of Rockall at 196 m.        |
| S1183 | <b>CUMACEA</b> After Jones (1976).             |   |
| S1184 | Bodotriidae                                    |   |
| S1185 | Vaunthompsoniinae                              |   |
| S1186 | <i>Cumopsis</i> G O Sars, 1878                 |   |
| S1187 | <i>fagei</i> Bacescu, 1958                     |   |
| S1188 | <i>goodsiri</i> (van Beneden, 1861)            |   |
| S1189 | <i>longipes</i> (Dohrn, 1869)                  | Status uncertain (N.S. Jones 1976).   |
| S1190 | <i>Vaunthompsonia</i> Bate, 1858               |   |
| S1191 | <i>cristata</i> Bate, 1858                     |   |
| S1192 | Bodotriinae                                    |   |
| S1193 | <i>Bodotria</i> Goodsir, 1843                  | Reviewed by Le Loeff & Intes (1977).  |
| S1194 | <i>arenosa arenosa</i> (Goodsir, 1842)         |   |
| S1195 | <i>armoricana</i> Le Loeff & Intes, 1977       | Concarneau (Le Loeff & Intes, 1977).  |
| S1196 | <i>pulchella</i> (G O Sars, 1879)              |   |
| S1197 | <i>scorpioides</i> (Montagu, 1804)             |   |
| S1198 | <i>Eocuma</i> Marcusen, 1894                   |   |
| S1199 | <i>dollfusi</i> Calman, 1907                   |   |
| S1200 | <i>Iphinoe</i> Bate, 1856                      |   |
| S1201 | <i>serrata</i> Norman, 1867                    |   |
| S1202 | <i>tenella</i> G O Sars, 1878                  |   |
| S1203 | <i>trispinosa</i> (Goodsir, 1843)              |   |
| S1204 | Leuconiidae                                    |   |
| S1205 | <i>Eudorella</i> Norman, 1867                  |   |
| S1206 | <i>emarginata</i> (Kroeyer, 1846)              |   |
| S1207 | <i>species A</i> (Bate, 1856)                  |   |
| S1208 | <i>truncatula</i> (Bate, 1856)                 |   |
| S1209 | <i>Eudorellopsis</i> G O Sars, 1883            |   |
| S1210 | <i>deformis</i> (Kroeyer, 1846)                |   |
| S1211 | <i>Leucon</i> Krøyer, 1846                     |   |
| S1212 | <i>acutirostris</i> G O Sars, 1864             | North Sea 110m (N.S. Jones, pers. comm.)  |
| S1213 | <i>nasica</i> (Krøyer, 1841)                   |   |
| S1214 | Nannastacidae                                  |   |
| S1215 | <i>Campylaspis</i> G O Sars, 1865              |   |
| S1216 | <i>costata</i> G O Sars, 1865                  |   |
| S1217 | <i>glabra</i> G O Sars, 1879                   |   |
| S1218 | <i>legendrei</i> Fage, 1951                    |   |
| S1219 | <i>macrophthalma</i> G O Sars, 1879            | English Channel & North Sea (N.S. Jones, pers.comm.).                                 |
| S1220 | <i>rubicunda</i> (Liljeborg, 1855)             |   |
| S1221 | <i>sulcata</i> G O Sars, 1870                  |   |
| S1222 | <i>verrucosa</i> G O Sars, 1865                |   |
| S1223 | <i>Cumella</i> G O Sars, 1865                  |   |
| S1224 | <i>pygmaea</i> G O Sars, 1865                  |   |
| S1225 | <i>Nannastacus</i> Bate, 1865                  |   |
| S1226 | <i>brevicaudatus</i> Calman, 1904              |   |
| S1227 | <i>longirostris</i> G O Sars, 1879             | Concarneau (Fage, 1951).  |
| S1228 | <i>unguiculatus</i> (Bate, 1859)               |   |
| S1229 | <i>Procampylaspis</i> Bonnier, 1896            |   |
| S1230 | <i>armata</i> Bonnier, 1896                    |   |
| S1231 | Pseudocumatidae                                |   |
| S1232 | <i>Petalosarsia</i> Stebbing, 1893             |   |
| S1233 | <i>declivis</i> (G O Sars, 1865)               |   |
| S1234 | <i>Pseudocuma</i> G O Sars, 1865               |   |
| S1235 | <i>gilsoni</i> Bacescu, 1950                   | May be synonymous with <i>P longicornis</i> (N.S. Jones, 1976).                       |
| S1236 | <i>longicornis</i> (Bate, 1858)                | May be synonymous with <i>P gilsoni</i> (N.S. Jones, 1976).                           |
| S1237 | <i>similis</i> G O Sars, 1900                  |   |
| S1238 | Lampropidae                                    |   |
| S1239 | <i>Hemilamprops</i> G O Sars, 1883             |   |
| S1240 | <i>rosea</i> (Norman, 1863)                    |   |
| S1241 | <i>uniplicata</i> G O Sars, 1871               | Unconfirmed record from Loch Fyne, W.Scotland of Brook & Scott (1886); Calman (1905). |
| S1242 | <i>Lamprops</i> G O Sars, 1863                 |   |
| S1243 | <i>fasciata</i> G O Sars, 1863                 |   |
| S1244 | Diastylidae                                    |   |
| S1245 | <i>Brachydiastylis</i> Stebbing, 1912          |   |
| S1246 | <i>resima</i> (Kroeyer, 1846)                  |   |
| S1247 | <i>Diastylis</i> Say, 1818                     |   |
| S1248 | <i>bradyi</i> Norman, 1879                     |   |
| S1249 | <i>cornuta</i> (Boeck, 1864)                   |   |
| S1250 | <i>echinata</i> Bate, 1865                     | North Sea 110m (N.S. Jones, pers.comm.).  |
| S1251 | <i>laevis</i> Norman, 1869                     |   |
| S1252 | <i>lucifera</i> (Kroeyer, 1841)                |   |
| S1253 | <i>rathkei typica</i> (Krøyer, 1841)           |   |
| S1254 | <i>rugosa</i> G O Sars, 1865                   |   |
| S1255 | <i>tumida</i> (Liljeborg, 1855)                |   |
| S1256 | <i>Diastylodes</i> G O Sars, 1900              |   |
| S1257 | <i>biplicata</i> (G O Sars, 1865)              |   |
| S1258 | <i>serrata</i> (G O Sars, 1865)                |   |
| S1259 | <i>Leptostylis</i> G O Sars, 1869              |   |
| S1260 | <i>ampullacea</i> (Liljeborg, 1855)            |   |
| S1261 | <i>villosa</i> G O Sars, 1869                  |   |
| S1262 | <b>EUCARIDA</b>                                |   |
| S1263 | <b>EUPHAUSIACEA</b>                            | Reference Mauchline (1984).   |
| S1264 | Euphausiidae                                   |   |
| S1265 | <i>Meganyctiphanes</i> Holt & Tattersall, 1905 |   |
| S1266 | <i>norvegica</i> (M Sars, 1857)                |   |
| S1267 | <i>Nyctiphanes</i> G O Sars, 1883              |   |
| S1268 | <i>couchi</i> (Bell, 1853)                     |   |
| S1269 | <i>Stylocheiron</i> G O Sars, 1883             |   |

- S1270 *longicorne* G O Sars, 1883  
S1271 *maximum* Hansen, 1908  
S1272 *Thysanoessa* Brandt, 1851  
S1273 *inermis* (Krøyer, 1846)  
S1274 *longicaudata* (Krøyer, 1846)  
S1275 *raschi* (M Sars, 1864)
- DECAPODA**  
**DENDROBRANCHIATA**
- S1278 **PENAEOIDEA**  
S1279 Solenoceridae  
S1280 *Solenocera* Lucas, 1849  
S1281 *membranacea* (Risso, 1816)      Synonym: *S. siphonocera* Philippi, 1840.  
S1282 Penaeidae  
S1283 *Penaeus* Fabricius, 1798  
S1284 *kerathurus* (Forskål, 1775)      Synonym: *P. trisulcatus* Leach.  
S1285 **SERGESTOIDEA**  
S1286 Sergestidae  
S1287 *Sergestes* H Milne-Edwards, 1830  
S1288 *arcticus* Krøyer, 1855  
S1289 *mollis* S I Smith, 1884  
S1290 *Sergia* Ortmann, 1893  
S1291 *robustus* (S I Smith, 1882)
- S1292 **PLEOCYEMATA**  
S1293 **CARIDEA**  
S1294 **ATYOIDEA**  
S1295 Oplophoridae  
S1296 *Acanthephyra* A Milne-Edwards, 1881  
S1297 *pelagica* (Risso, 1816)  
S1298 *purpurea* A Milne-Edwards, 1881  
S1299 *Systellaspis* Bate, 1888  
S1300 *debilis* (A Milne-Edwards, 1881)  
S1301 **Atyidae**  
S1302 *Atyaephyra* de Brito Capello, 1867  
S1303 *desmaresti* (Millet, 1831)  
S1304 **PASIPHAEOIDEA**  
S1305 Pasiphaeidae  
S1306 *Pasiphaea* Savigny, 1816  
S1307 *multidentata* Esmark, 1866  
S1308 *sivado* (Risso, 1816)  
S1309 *tarda* Krøyer, 1845  
S1310 **PALAEMONOIDEA**  
S1311 Palaemonidae  
S1312 Palaemoninae  
S1313 *Leander* Desmarest, 1849  
S1314 *tenuicornis* (Say)  
S1315 *Palaemon* Weber, 1795  
S1316 *adpersus* Rathke, 1837      Synonym: *P. squilla* Linnaeus, 1758.  
S1317 *elegans* Rathke, 1837  
S1318 *longirostris* H Milne-Edwards, 1837  
S1319 *serratus* (Pennant, 1777)  
S1320 *Palaemonetes* Heller, 1869  
S1321 *varians* (Leach, 1814)  
S1322 **Pontoniinae**  
S1323 *Periclimenes* Costa, 1844  
S1324 *sagittifer* (Norman, 1861)      Roscoff (Bourdon, 1965).  
S1325 *Typton* Costa, 1844  
S1326 *spongicola* Costa, 1844
- S1327 **ALPHEOIDEA**  
S1328 Alpheidae  
S1329 *Alpheus* Fabricius, 1798  
S1330 *glaber* (Olivi, 1792)  
S1331 *macrocheles* (Hailstone, 1835)  
S1332 *Athanas* Leach, 1814  
S1333 *nitescens* (Leach, 1814)  
S1334 Hippolytidae  
S1335 *Bythocaris* G O Sars, 1870  
S1336 *payeri* (Heller, 1875)  
S1337 *Caridion* Goës, 1863  
S1338 *gordoni* (Bate, 1858)  
S1339 *steveni* Lebour, 1930  
S1340 *Cryptocheles* G O Sars, 1870  
S1341 *pygmaea* G O Sars  
S1342 *Eualus* Thalwitz, 1892  
S1343 *gaimardii* (H Milne-Edwards, 1837)  
S1344 *occultus* (Lebour, 1936)  
S1345 *pusiolus* (Krøyer, 1841)  
S1346 *Hippolyte* Leach, 1814  
S1347 *hunti* (Gosse, 1877)      Synonym: *H. prideauxiana* Leach, 1817.  
S1348 *inermis* Leach, 1815  
S1349 *longirostris* (Czerniavski, 1868)  
S1350 *varians* Leach, 1814  
S1351 *Lebbeus* White, 1847  
S1352 *polaris* (Sabine, 1824)  
S1353 *Lysmata* Risso, 1816  
S1354 *seticaudata* (Risso, 1816)  
S1355 *Spirontocaris* Bate, 1888

|       |  |  |
|-------|--|--|
| S1356 | <i>lilljeborgi</i> (Danielssen, 1859)                |  |
| S1357 | <i>phippi</i> (Krøyer)                               |  |
| S1358 | <i>spinus</i> (Sowerby, 1805)                        |  |
| S1359 | <i>Thoralus</i> Holthuis, 1947                       |  |
| S1360 | <i>cranchii</i> (Leach, 1817)                        |  |
| S1361 | Processidae  | Reviewed by Al-Adhub & Williamson (1975).  |
| S1362 | <i>Processa</i> Leach, 1815                          |  |
| S1363 | <i>canaliculata</i> Leach, 1815                      |  |
| S1364 | <i>edulis crassipes</i> Nouvel & Holthuis, 1957      | Roscoff (Bourdon, 1965).   |
| S1365 | <i>elegantula</i> Nouvel & Holthuis, 1957            |  |
| S1366 | <i>modica modica</i> Wilson & Rochanaburanon, 1979   |  |
| S1367 | <i>nouveli holthuisi</i> Al-Adhub & Williamson, 1975 |  |
| S1368 | <i>parva</i> Holthuis, 1951                          | See Smaldon (1979).  |
| S1369 | PANDALOIDEA  |  |
| S1370 | Pandalidae   |  |
| S1371 | <i>Dichelopandalus</i> Caullery, 1896                |  |
| S1372 | <i>bonnierii</i> Caullery, 1896                      |  |
| S1373 | <i>Pandalina</i> Calman, 1899                        |  |
| S1374 | <i>brevirostris</i> (Rathke, 1837)                   |  |
| S1375 | <i>Pandalus</i> Leach, 1815                          |  |
| S1376 | <i>borealis</i> Krøyer, 1838                         |  |
| S1377 | <i>montagui</i> Leach, 1814                          |  |
| S1378 | <i>propinquus</i> G O Sars, 1870                     |  |
| S1379 | CRANGONOIDEA   |  |
| S1380 | Crangonidae  |  |
| S1381 | <i>Aegaeon</i> Agassiz, 1846                         |  |
| S1382 | <i>lacazei</i> (Gourret, 1887)                       |  |
| S1383 | <i>Crangon</i> Fabricius, 1798                       |  |
| S1384 | <i>allmanni</i> Kinahan, 1857                        | See Smaldon <i>et al</i> (1993) for comments on spelling.  |
| S1385 | <i>crangon</i> (Linnaeus, 1758)                      |  |
| S1386 | <i>bispinosus neglecta</i> (Hailstone, 1835)         |  |
| S1387 | <i>echinulatus</i> (M Sars, 1861)                    |  |
| S1388 | <i>fasciatus</i> (Risso, 1816)                       |  |
| S1389 | <i>sculptus</i> (Bell, 1847)                         |  |
| S1390 | <i>trispinosus</i> (Hailstone, 1835)                 |  |
| S1391 | <i>Pontophilus</i> Leach, 1817                       | <i>Philoceras</i> (Stebbing, 1900) in part.  |
| S1392 | <i>norvegicus</i> (M Sars, 1861)                     |  |
| S1393 | <i>spinus</i> (Leach, 1815)                          |  |
| S1394 | <i>Sabinea</i> Owen in Ross, 1835                    |  |
| S1395 | <i>sarsi</i> Smith, 1879                             | Record of <i>Sabinea septemcarinata</i> (Sabine, 1824) is probably <i>S. sarsi</i> Smith (Hansen, 1916). |
| S1396 | ASTACIDEA  |  |
| S1397 | NEPHROPOIDEA   |  |
| S1398 | Nephropidae  |  |
| S1399 | <i>Homarus</i> Weber, 1795                           |  |
| S1400 | <i>gammarus</i> (Linnaeus, 1758)                     |  |
| S1401 | <i>Nephrops</i> Leach, 1814                          |  |
| S1402 | <i>norvegicus</i> (Linnaeus, 1758)                   |  |
| S1403 | THALASSINIDEA  |  |
| S1404 | THALASSINOIDEA                                       |  |
| S1405 | Axiidae  |  |
| S1406 | <i>Axius</i> Leach, 1815                             |  |
| S1407 | <i>stirhynchus</i> Leach, 1815                       |  |
| S1408 | <i>Calocaris</i> Bell, 1846                          |  |
| S1409 | <i>macandreae</i> Bell, 1846                         |  |
| S1410 | Laomediidae  |  |
| S1411 | <i>Jaxea</i> Nardo, 1847                             |  |
| S1412 | <i>nocturna</i> Nardo, 1847                          |  |
| S1413 | Callianassidae                                       |  |
| S1414 | <i>Callianassa</i> Leach, 1814                       |  |
| S1415 | <i>subterranea</i> (Montagu, 1808)                   |  |
| S1416 | <i>tyrrhena</i> (Petagna, 1792)                      | Roscoff (Bourdon, 1965). Synonym: <i>C. laticauda</i> Otto.  |
| S1417 | Upogebiidae  |  |
| S1418 | <i>Upogebia</i> Leach, 1814                          |  |
| S1419 | <i>deltaura</i> (Leach, 1815)                        |  |
| S1420 | <i>pusilla</i> (Petagna, 1792)                       | Roscoff (Bourdon, 1980). Synonym: <i>U. littoralis</i> Risso.  |
| S1421 | <i>stellata</i> (Montagu, 1808)                      |  |
| S1422 | PALINURA   |  |
| S1423 | ERYONOIDEA   |  |
| S1424 | Polychelidae   |  |
| S1425 | <i>Polycheles</i> Heller, 1862                       |  |
| S1426 | <i>granulatus</i> Faxon, 1893                        |  |
| S1427 | PALINUROIDEA   |  |
| S1428 | Palinuridae  |  |
| S1429 | <i>Palinurus</i> Weber, 1795                         |  |
| S1430 | <i>elephas</i> (Fabricius, 1787)                     |  |
| S1431 | <i>mauritanicus</i> Gruvel, 1911                     |  |
| S1432 | Scyllaridae  |  |
| S1433 | <i>Scyllarus</i> Fabricius, 1775                     |  |
| S1434 | <i>arctus</i> (Linnaeus, 1758)                       |  |
| S1435 | ANOMURA  |  |
| S1436 | PAGUROIDEA   | Reviewed by Ingle (1985).  |
| S1437 | Lithodidae   |  |
| S1438 | <i>Lithodes</i> Latreille, 1805                      |  |
| S1439 | <i>maia</i> (Linnaeus, 1758)                         |  |
| S1440 | Diogenidae   | Moved to Paguroidea by Ingle (1985) from Coenobitidae of Bowman & Abele (1982).                          |
| S1441 | <i>Clibanarius</i> Dana, 1852                        |  |
| S1442 | <i>erythropus</i> (Latreille, 1818)                  |  |
| S1443 | <i>Diogenes</i> Dana, 1852                           |  |
| S1444 | <i>pugilator pugilator</i> (Roux, 1829)              |  |

- S1445 Paguridae  
S1446 *Anapagurus* Henderson, 1887  
S1447 *chiroacanthus* (Liljeborg, 1856)  
S1448 *hyndmanni* (Bell, 1845)  
S1449 *laevis* (Bell, 1845)  
S1450 *Cestopagurus* Bouvier, 1897  
S1451 *timidus* (Roux, 1830)  
S1452 *Nematopagurus* A Milne-Edwards & Bouvier, 1892  
S1453 *longicornis* A Milne-Edwards & Bouvier, 1892  
S1454 *Pagurus* Fabricius, 1775  
S1455 *alatus* Fabricius, 1775  
S1456 *anachoretus* Risso, 1826  
S1457 *bernhardus* (Linnaeus, 1758)  
S1458 *carneus* Pocock, 1889  
S1459 *chevreuxi* (Bouvier, 1896) Roscoff (Bourdon, 1965).  
S1460 *cuanensis* Bell, 1845  
S1461 *forbesii* Bell, 1845 Synonym: *P. sculptimanus* Lucas, 1846.  
S1462 *prideaux* Leach, 1815  
S1463 *pubescens* Kröyer, 1838  
S1464 *pubescentulus* (A Milne-Edwards & Bouvier, 1892)  
S1465 Parapaguridae  
S1466 *Parapagurus* Smith, 1879  
S1467 *pilosimanus pilosimanus* Smith, 1879  
S1468 GALATHEOIDEA  
S1469 Galatheidae  
S1470 *Galathea* Fabricius, 1793 Reviewed by de Saint Laurent (1971).  
S1471 *dispersa* Bate, 1859  
S1472 *intermedia* Liljeborg, 1851  
S1473 *machadoi* Barrois, 1888 Occurs on depth limit and southern limit of area.  
S1474 *nexa* Embleton, 1834  
S1475 *squamifera* Leach, 1814  
S1476 *strigosa* (Linnaeus, 1767)  
S1477 *Munida* Leach, 1820 Reviewed by Rice & de Saint Laurent (1986).  
S1478 *rugosa* (Fabricius, 1775)  
S1479 *sarsi* Huus, 1935 Found in deeper water with *Munida rugosa*.  
S1480 Porcellanidae  
S1481 *Pisidia* Leach, 1820  
S1482 *longicornis* (Linnaeus, 1767) Synonym: *Porcella longicornis* (Pennant, 1777).  
S1483 *Porcellana* Lamarck, 1801  
S1484 *platycheles* (Pennant, 1777)  
S1485 BRACHYURA Reference Ingle (1980, 1983), Clark (1986).  
S1486 DROMIOIDEA  
S1487 DROMIACEA  
S1488 Dromiidae  
S1489 *Dromia* Weber, 1795  
S1490 *personata* (Linnaeus, 1758)  
S1491 ARCHAEOBACHYURA  
S1492 TYMOLOIDEA  
S1493 Cymonomidae  
S1494 *Cymonomus* A Milne-Edwards, 1880  
S1495 *granulatus* (Thompson, 1873) Deep-water species recorded on limits of area.  
S1496 HOMOLOIDEA  
S1497 Homolidae  
S1498 *Paromola* Wood-Mason & Alcock, 1891  
S1499 *cuvieri* (Risso, 1916)  
S1500 OXYSTOMATA  
S1501 LEUCOSIOIDEA  
S1502 Leucosiidae  
S1503 Eballiinae  
S1504 *Eballia* Leach, 1817  
S1505 *cranchii* Leach, 1817  
S1506 *granulosa* H Milne-Edwards, 1837  
S1507 *nux* A Milne-Edwards, 1883  
S1508 *tuberosa* (Pennant, 1777)  
S1509 *tumefacta* (Montagu, 1808)  
S1510 OXYRHYNCHA  
S1511 MAJOIDEA  
S1512 Majidae  
S1513 Majinae  
S1514 *Maja* Lamarck, 1801  
S1515 *quinado* (Herbst, 1788)  
S1516 Oregoniinae  
S1517 *Hyas* Leach, 1814  
S1518 *araneus* (Linnaeus, 1758)  
S1519 *coarctatus* Leach, 1815  
S1520 Inachinae  
S1521 *Achaeus* Leach, 1817  
S1522 *cranchii* Leach, 1817  
S1523 *Dorhynchus* Thompson, 1873  
S1524 *thomsoni* Thomson, 1873 A deep-water species, recorded on limits of this area.  
S1525 *Inachus* Weber, 1795  
S1526 *dorsettensis* (Pennant, 1777)  
S1527 *leptochirus* Leach, 1817  
S1528 *phalangium* (Fabricius, 1775) Synonym: *I. dorynchus* Leach, 1815.  
S1529 *Macropodia* Leach, 1814  
S1530 *deflexa* Forest, 1978  
S1531 *linaresi* Forest & Z Alvarez, 1964  
S1532 *rostrata* (Linnaeus, 1761)  
S1533 *tenuirostris* (Leach, 1814) Synonym: *M. longirostris* Fabricius, 1775.  
S1534 Pisinae  
S1535 *Eurynome* Leach, 1814

|       |                        |                               |   |
|-------|------------------------|-------------------------------|---|
| S1536 | <i>aspera</i>          | (Pennant, 1777)               |   |
| S1537 | <i>spinosa</i>         | Hallstone, 1835               |   |
| S1538 | <i>Pisa</i>            | Leach, 1814                   |   |
| S1539 | <i>armata</i>          | (Latreille, 1803)             |   |
| S1540 | <i>tetraodon</i>       | (Pennant, 1777)               |   |
| S1541 | <i>Rochinia</i>        | A Milne-Edwards, 1878         |   |
| S1542 | <i>carpenteri</i>      | (Thomson, 1873)               | A deep-water species, recorded on limits of the area.   |
| S1543 | PARTHENOPOIDEA         |                               |   |
| S1544 | Parthenopidae          |                               |   |
| S1545 | Parthenopinae          |                               |   |
| S1546 | <i>Parthenope</i>      | Weber, 1795                   |   |
| S1547 | <i>massena</i>         | (Roux, 1830)                  |   |
| S1548 | CANCRIDEA              |                               |   |
| S1549 | CANCROIDEA             |                               |   |
| S1550 | Corystidae             |                               |   |
| S1551 | <i>Corystes</i>        | Bosc, 1802                    |   |
| S1552 | <i>cassivelaunus</i>   | (Pennant, 1777)               |   |
| S1553 | Atelecyclidae          |                               |   |
| S1554 | <i>Atelecyclus</i>     | Leach, 1814                   |   |
| S1555 | <i>rotundatus</i>      | (Olivi, 1792)                 |   |
| S1556 | <i>undecimdentatus</i> | (Herbst, 1783)                |   |
| S1557 | Thiidae                |                               |   |
| S1558 | <i>Thia</i>            | Leach, 1815                   |   |
| S1559 | <i>scutellata</i>      | (Fabricius, 1793)             | Synonym: <i>T. potua</i> Leach in Brehaut, 1973.  |
| S1560 | Pirimelidae            |                               |   |
| S1561 | <i>Pirimela</i>        | Leach, 1816                   |   |
| S1562 | <i>denticulata</i>     | (Montagu, 1808)               |   |
| S1563 | Cancridae              |                               |   |
| S1564 | <i>Cancer</i>          | Linnaeus, 1758                |   |
| S1565 | <i>bellianus</i>       | Johnston, 1861                |   |
| S1566 | <i>pagurus</i>         | Linnaeus, 1758                |   |
| S1567 | BRACHYRHYNCHA          |                               |   |
| S1568 | PORTUNOIDEA            |                               |   |
| S1569 | Portunidae             |                               |   |
| S1570 | Portuninae             |                               |   |
| S1571 | <i>Callinectes</i>     | Stimpson, 1860                |   |
| S1572 | <i>sapidus</i>         | Rathbun, 1896                 |   |
| S1573 | Polybiinae             |                               |   |
| S1574 | <i>Bathynectes</i>     | Stimpson, 1870                |   |
| S1575 | <i>longipes</i>        | (Risso, 1816)                 |   |
| S1576 | <i>maravigna</i>       | (Prestandrea, 1839)           |   |
| S1577 | <i>Liocarcinus</i>     | Stimpson, 1870                | Synonyms: <i>Macropipus</i> Prestandrea, 1833 in part; <i>Portunus</i> Fabricius, 1798 in part. |
| S1578 | <i>arcuatus</i>        | (Leach, 1814)                 |   |
| S1579 | <i>corrugatus</i>      | (Pennant, 1777)               |   |
| S1580 | <i>depurator</i>       | (Linnaeus, 1758)              |   |
| S1581 | <i>holsatus</i>        | (Fabricius, 1798)             |   |
| S1582 | <i>marmoreus</i>       | (Leach, 1814)                 |   |
| S1584 | <i>pusillus</i>        | (Leach, 1815)                 |   |
| S1585 | <i>zariquieyi</i>      | (Gordon, 1968)                |   |
| S1586 | <i>Macropipus</i>      | Prestandrea, 1833             |   |
| S1587 | <i>tuberculatus</i>    | (Roux, 1830)                  |   |
| S1588 | <i>Necora</i>          | Holthuis, 1987                |   |
| S1589 | <i>puber</i>           | (Linnaeus, 1767)              | Synonym: <i>Liocarcinus puber</i> .   |
| S1590 | <i>Polybius</i>        | Leach, 1820                   |   |
| S1591 | <i>henslowii</i>       | Leach, 1820                   |   |
| S1592 | Carcininae             |                               |   |
| S1593 | <i>Carcinus</i>        | Leach, 1814                   |   |
| S1594 | <i>maenas</i>          | (Linnaeus, 1758)              |   |
| S1595 | <i>Portumnus</i>       | Leach, 1814                   |   |
| S1596 | <i>latipes</i>         | (Pennant, 1777)               |   |
| S1597 | <i>Xaiva</i>           | MacLeay, 1838                 |   |
| S1598 | <i>biguttata</i>       | (Risso, 1816)                 |   |
| S1599 | Geryonidae             |                               |   |
| S1600 | <i>Geryon</i>          | Kröyer, 1837                  |   |
| S1601 | <i>trispinosus</i>     | (Herbst, 1803)                | Synonym: <i>Geryon tridens</i> of previous authors. Reference Manning & Holthuis, 1989.         |
| S1602 | XANTHOIDEA             |                               |   |
| S1603 | Goneplacidae           |                               |   |
| S1604 | Goneplacinae           |                               |   |
| S1605 | <i>Goneplax</i>        | Leach, 1814                   |   |
| S1606 | <i>rhomboides</i>      | (Linnaeus, 1758)              |   |
| S1607 | Xanthidae              |                               |   |
| S1608 | <i>Monodaeus</i>       | Guinot, 1967                  |   |
| S1609 | <i>couchi</i>          | (Couch, 1851)                 |   |
| S1610 | <i>Neopanope</i>       | A Milne-Edwards, 1880         |   |
| S1611 | <i>sayi</i>            | (S I Smith, 1869)             |   |
| S1612 | <i>Pilumnoides</i>     | H Milne-Edwards & Lucas, 1843 |   |
| S1613 | <i>inglei</i>          | Guinot & Macpherson, 1987     | See Ingle (1980) for British records. Synonym: <i>P. perlatius</i> (Poeppig, 1836).             |
| S1614 | <i>Pilumnus</i>        | Leach, 1815                   |   |
| S1615 | <i>hirtellus</i>       | (Linnaeus, 1761)              |   |
| S1616 | <i>Rhithropanopeus</i> | Rathbun, 1898                 |   |
| S1617 | <i>harnsii</i>         | (Gould, 1841)                 |   |
| S1618 | <i>Xantho</i>          | Leach, 1814                   |   |
| S1619 | <i>incisus</i>         | Leach, 1814                   |   |
| S1620 | <i>pilipes</i>         | A Milne-Edwards, 1867         |   |
| S1621 | GRAPSIDOIDEA           |                               |   |
| S1622 | Grapsidae              |                               |   |
| S1623 | Grapsinae              |                               |   |
| S1624 | <i>Pachygrapsus</i>    | Randall, 1839                 |   |

|       |                                       |   |
|-------|---------------------------------------|---|
| S1625 | <i>marmoratus</i> (Fabricius, 1787)   |   |
| S1626 | <i>Planes</i> Bowdich, 1825           |   |
| S1627 | <i>minutus</i> (Linnaeus, 1758)       |   |
| S1628 | Varuninae                             |   |
| S1629 | <i>Brachynotus</i> De Haan, 1833      |   |
| S1630 | <i>sexdentatus</i> (Risso, 1826)      |   |
| S1631 | <i>Eriocheir</i> De Haan, 1835        |   |
| S1632 | <i>sinensis</i> H Milne-Edwards, 1854 | A river dwelling species which may occur in brackish water (Clark, 1986). |
| S1633 | PINNOTHEROIDEA                        |   |
| S1634 | Pinnotheridae                         |   |
| S1635 | Pinnotherinae                         |   |
| S1636 | <i>Pinnotheres</i> Bosc, 1802         |   |
| S1637 | <i>pinnotheres</i> (Linnaeus, 1758)   |   |
| S1638 | <i>pisum</i> (Linnaeus, 1767)         |   |
| S1639 | Asthenognathinae                      |   |
| S1640 | <i>Asthenognathus</i> Stimpson, 1858  |   |
| S1641 | <i>atlanticus</i> Monod, 1933         | Synonym: <i>Tritodynamia atlantica</i> (Monod 1932).                      |

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# **TARDIGRADA**

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# TARDIGRADA

## INTRODUCTION

The phylum Tardigrada contains some 400 species of small multicellular animals, between 50-1200µ long, which occur most commonly in the surface water of mosses, liverworts and some angiosperms. Marine forms are few, and occur mainly in the interstitial water between sand grains, though *Echiniscoides sigismundi* has been recorded at various times on the alga *Enteromorpha*, in the mantle cavity of mussels and on barnacles. Tardigrades move with a characteristic lumbering gait on account of which they have been popularly described as “water bears”. Morgan & King (1976) describe the British species of tardigrade and there are more recent descriptions and illustrations of some species in Elliott *et al.* (1990). Morgan and Lampard (1986) list many of the Scottish species and a key to all British marine species is provided by Morgan & O'Reilly (1989).

## CLASSIFICATION

### Phylum TARDIGRADA

#### Class HETEROTARDIGRADA

##### Order ARTHROTARDIGRADA

Family Batillipedidae ..... V4

Family Halechiniscidae ..... V15

Family Stygarctidae ..... V18

##### Order ECHINISCOIDEA

Family Echiniscoididae ..... V22

#### Class EUTARDIGRADA

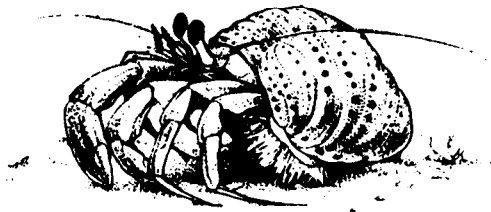
Family Macrobiotidae ..... V26

### Phylum TARDIGRADA

|     |  |  |
|-----|--|--|
| V1  | <b>TARDIGRADA</b>                              |  |
| V2  | <b>HETEROTARDIGRADA</b>                        |  |
| V3  | ARTHROTARDIGRADA                               |  |
| V4  | Batillipedidae                                 |  |
| V5  | <i>Batillipes</i> Richters, 1909               | See Pollock (1971).  |
| V6  | <i>acaudatus</i> Pollock, 1971                 |  |
| V7  | <i>bullacaudatus</i> McGinty & Higgins, 1968   |  |
| V8  | <i>littoralis</i> Renaud-Debyser, 1959         |  |
| V9  | <i>mirus</i> Richters, 1909                    |  |
| V10 | <i>pennaki</i> Marcus, 1946                    |  |
| V11 | <i>phreaticus</i> Renaud-Debyser, 1959         |  |
| V12 | <i>tubernatis</i> Pollock, 1971                |  |
| V13 | <i>Orzeliscus</i> du Bois-Reymond Marcus, 1952 |  |
| V14 | <i>belopus</i> du Bois-Reymond Marcus, 1952    |  |
| V15 | Halechiniscidae                                |  |
| V16 | <i>Halechiniscus</i> Richters, 1908            |  |
| V17 | <i>perfectus</i> Schulz, 1955                  |  |
| V18 | Stygarctidae                                   |  |
| V19 | <i>Megastygarctides</i> McKirdy et al., 1976   |  |
| V20 | <i>seteloso</i> Morgan & O'Reilly, 1989        | See Morgan & O'Reilly (1989).  |
| V21 | <b>ECHINISCOIDEA</b>                           |  |
| V22 | Echiniscoididae                                |  |
| V23 | <i>Echiniscoides</i> Schultze, 1865            |  |
| V24 | <i>sigismundi</i> (Schultze, 1865)             | Found in the mantle cavity of <i>Mytilus edulis</i> (Green, 1950) and in the crevices of the plates of <i>Semibalanus balanoides</i> (Crisp & Hobart, 1954). |
| V25 | <b>EUTARDIGRADA</b>                            |  |
| V26 | Macrobiotidae                                  |  |
| V27 | <i>Dactylobiotus</i>                           |  |
| V28 | <i>dispar</i> (Murray, 1907)                   |  |
| V29 | <i>Hypsibius</i> Thulin, 1911                  |  |
| V30 | <i>dujardini</i> (Doyere, 1840)                |  |
| V31 | <i>oberhaeuseri</i> (Doyere, 1840)             |  |
| V32 | <i>Isohypsibius</i> Thulin, 1928               |  |
| V33 | <i>prosostomus</i> Thulin, 1928                |  |
| V34 | <i>Macrobiotus</i> Schultze, 1834              |  |
| V35 | <i>hufelandi</i> Schultze, 1834                |  |

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# MOLLUSCA

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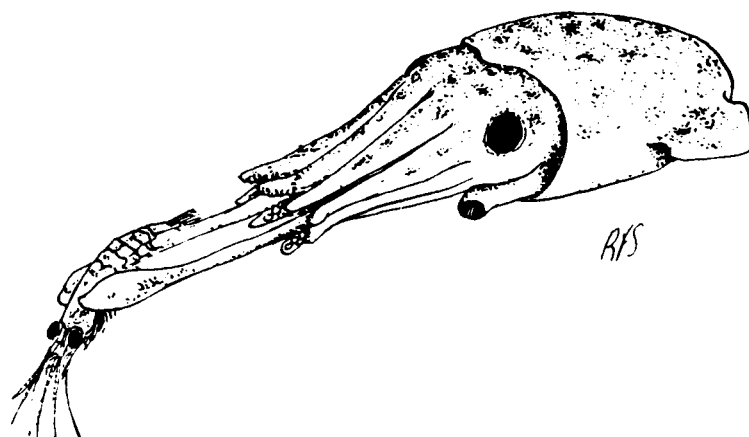
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## MOLLUSCA

## INTRODUCTION

The present list is based on the *Checklist of British marine Mollusca* by Smith & Heppell (1991). That *Checklist* included all species of Mollusca recorded from the area of Admiralty Chart 2, which extends from latitude 47°30'N to 62°40'N and from longitude 02°40'E to 15°00'W. Deep-water species were included and, in addition, those species known from within 1° of that area and which thus potentially occur within it were also noted. The geographical coverage of the *Species Directory* is similar, within the 200 m isobath, but excludes the Faeroe Islands and extends further east. No attempt has been made to adjust the list of shallow-water species in accordance with this discrepancy as the actual difference is negligible.

In the present list almost all the deep-water species and those not so far reported from within the area have been excluded. Numerous additions have been made to the list of species as a result of new information published since 1990 or, in some cases, before that date but previously overlooked, and a number of errors of date and authorship in the *Checklist* have been corrected. Major taxonomic changes have been made to the Trochacea (following Hickman & McLean, 1990) and Pectinidae (following Wagner, 1991), and much other recent taxonomic and nomenclatural revision has been incorporated. References are given to the relevant publications, but most of the taxonomic notes and sources given by Smith & Heppell are not repeated here. We have not included in the present list the very many additional deep-water species reported from the area since the publication of the *Checklist*, but an updated supplement to it is in preparation.

We have taken a middle road between conservative and revolutionary taxonomy as the names and relationships of many species are still in a state of flux. Traditional classification, especially of the gastropods, has been drastically affected by new discoveries and new methodologies such as cladistics. For example, the recent revision of the Conacea by Taylor *et al.* (1993) reassigns to the Conidae some of the genera here included in the Turridae, but we have provisionally maintained the *Checklist* order until the new phylogeny has become generally accepted. Taxonomic changes made for nomenclatural reasons may be contested, if stability of a well-established name is affected, or if the reasons for the change are subsequently shown to be ill-founded. As an example, *Bathyarca grenophia* (Risso) was substituted for *B. pectunculoides* (Scacchi) by Smith & Heppell in their *Checklist* but more recent research has proved *B. grenophia* to be the deep-water species *B. philippiana* instead. Salas & Gofas (1996) have applied to the International Commission on Zoological Nomenclature (ICZN) for conservation of the more familiar names by suppression of the misused name *B. grenophia*, and we have anticipated a favourable ruling by the Commission by reverting to *B. pectunculoides* in the present list. For the taxonomy of the Littorinidae we have followed the major and seemingly definitive revision by Reid (1989). In his more recent monograph, Reid (1996) substituted *Littorina fabalis* Turton and *L. compressa* Jeffreys for the two well-established names, *L. mariae* Sacchi & Rastelli and *L. nigrolineata* auctt. non Gray respectively. It is too early yet to know whether this action, contrary to stability of nomenclature, will be followed or whether, at least for *L. mariae*, a case will be made to the ICZN for conservation.

The catalogue of Mediterranean Mollusca by Sabelli *et al.* (1990-92) was published before Smith & Heppell (1991) but not seen by the authors until the *Checklist* was in print. Where the taxonomy differs between the two works, we have investigated the reasons for the discrepancies and have in many cases emended this list accordingly. In those cases where the authorship, date or generic placement given here is different, however, it does not necessarily mean that the corresponding data in Sabelli *et al.* is incorrect. Much synonymy is subjective, as is the determination of rank as generic or subgeneric. The taxonomy used in the two volumes on *European Seashells* by Poppe & Goto (1991, 1993) is conservative, but has provided some additional synonymy. Although the latest monograph of deep-water Atlantic gastropods by Bouchet & Warén (1993) mostly affects species not included here, we have taken into account their systematic revisions at family and genus levels.

A few species which have been omitted from this edition of the *Species Directory* must be mentioned briefly. *Pseudamnicola confusa* (Frauenfeld, 1863) may occur in brackish water but is considered here to be essentially a non-marine species. A number of exotic species have been accidentally introduced but at present their status is uncertain. They include the Japanese muricid *Rapana venosa* (Valenciennes, 1846) in the North Sea; the South American mytilid *Aulacomya atra* (Molina, 1782) in the Moray Firth; the western Atlantic dreissenid *Mytilopsis leucophaeata* (Conrad, 1831) in Cardiff docks; and the New Zealand oyster *Tilostrea lutaria* (Hutton, 1873) in the Menai Straits. It remains to be seen whether any of these will become established in our seas.

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**CLASSIFICATION****Phylum MOLLUSCA****Class CAUDOFOVEATA****Order CHAETODERMATIDA**Family **Limifossoridae** ..... W4Family **Chaetodermatidae** ..... W7**Class SOLENOGASTRES****Order PHOLIDOSKEPIA**Family **Dondersiidae** ..... W14Family **Lepidomeniidae** ..... W19Family **Macellomeniidae** ..... W24**Order NEOMENIAMORPHA**Family **Neomeniidae** ..... W28**Order CAVIBELONIA**Family **Pararrhopaliidae** ..... W33Family **Rhopalomeniidae** ..... W38Family **Simrothiellidae** ..... W41**Class POLYPLACOPHORA****Order NEOLORICATA**Family **Leptochitonidae** ..... W48Subfamily **Leptochitoninae** ..... W49Family **Hanleyidae** ..... W62Family **Ischnochitonidae** ..... W67Subfamily **Ischnochitoninae** ..... W68Subfamily **Callochitoninae** ..... W73Subfamily **Lepidochitoninae** ..... W76Family **Acanthochitonidae** ..... W83Subfamily **Acanthochitoninae** ..... W84**Class GASTROPODA****Subclass PROSOBRANCHIA****Order ARCHAEOGASTROPODA****Superfamily PLEUROTOMARIACEA**Family **Scissurellidae** ..... W92**Superfamily HALIOTIDACEA**Family **Haliotidae** ..... W96**Superfamily FISSURELLACEA**Family **Fissurellidae** ..... W101Subfamily **Emarginulinae** ..... W102Subfamily **Diodorinae** ..... W113**Superfamily TROCHACEA**Family **Turbinidae** ..... W129Subfamily **Moelleriinae** ..... W130Subfamily **Tricoliinae** ..... W136Family **Trochidae** ..... W140Subfamily **Eucyclinae** ..... W141Subfamily **Margaritinae** ..... W147Subfamily **Trochinae** ..... W156Subfamily **Calliostomatinae** ..... W178Subfamily **Solariellinae** ..... W186Subfamily **Trochaclidinae** ..... W191Family **Skeneidae** ..... W194Family **Pendromidae** ..... W205**Order PATELLOGASTROPODA****Superfamily PATELLACEA**Family **Lottiidae** ..... W221Family **Patellidae** ..... W225Subfamily **Patellinae** ..... W226Family **Lepetidae** ..... W235Family **Propilidiidae** ..... W240**Order COCCULINIFORMIA**

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|             |                                |      |
|-------------|--------------------------------|------|
| Superfamily | <b>LEPETELLACEA</b>            |      |
| Family      | <b>Lepetellidae</b> .....      | W245 |
| Family      | <b>Osteopeltidae</b> .....     | W248 |
| Order       | <b>NERITIMORPHA</b>            |      |
| Superfamily | <b>NERITACEA</b>               |      |
| Family      | <b>Neritidae</b> .....         | W253 |
| Order       | <b>MESOGASTROPODA</b>          |      |
| Superfamily | <b>CERITHIACEA</b>             |      |
| Family      | <b>Cerithiidae</b> .....       | W258 |
| Subfamily   | <b>Bittiinae</b> .....         | W259 |
| Family      | <b>Turritellidae</b> .....     | W266 |
| Subfamily   | <b>Turritellinae</b> .....     | W267 |
| Family      | <b>Cerithiopsidae</b> .....    | W271 |
| Superfamily | <b>LITTORINACEA</b>            |      |
| Family      | <b>Littorinidae</b> .....      | W283 |
| Subfamily   | <b>Lacuninae</b> .....         | W284 |
| Subfamily   | <b>Littorininae</b> .....      | W293 |
| Family      | <b>Skeneopsidae</b> .....      | W310 |
| Superfamily | <b>CINGULOPSACEA</b>           |      |
| Family      | <b>Cingulopsidae</b> .....     | W315 |
| Superfamily | <b>RISSOACEA</b>               |      |
| Family      | <b>Barleeidae</b> .....        | W320 |
| Subfamily   | <b>Barleeinae</b> .....        | W321 |
| Family      | <b>Rissoidae</b> .....         | W324 |
| Subfamily   | <b>Rissoinae</b> .....         | W325 |
| Family      | <b>Hydrobiidae</b> .....       | W381 |
| Subfamily   | <b>Hydrobiinae</b> .....       | W382 |
| Subfamily   | <b>Cochliopinae</b> .....      | W388 |
| Subfamily   | <b>Tateinae</b> .....          | W391 |
| Family      | <b>Truncatellidae</b> .....    | W394 |
| Subfamily   | <b>Truncatellinae</b> .....    | W395 |
| Family      | <b>Assimineidae</b> .....      | W399 |
| Subfamily   | <b>Assimineinae</b> .....      | W400 |
| Subfamily   | <b>Omphalotropidinae</b> ..... | W403 |
| Family      | <b>Iravadiidae</b> .....       | W406 |
| Family      | <b>Caecidae</b> .....          | W411 |
| Family      | <b>Tornidae</b> .....          | W419 |
| Family      | <b>Adeorbidae</b> .....        | W422 |
| Superfamily | <b>STROMBACEA</b>              |      |
| Family      | <b>Aporrhaidae</b> .....       | W428 |
| Superfamily | <b>CALYPTRAEACEA</b>           |      |
| Family      | <b>Calyptraeidae</b> .....     | W433 |
| Family      | <b>Capulidae</b> .....         | W440 |
| Superfamily | <b>CYPRAEACEA</b>              |      |
| Family      | <b>Ovulidae</b> .....          | W450 |
| Subfamily   | <b>Ovulinae</b> .....          | W451 |
| Superfamily | <b>LAMELLARIACEA</b>           |      |
| Family      | <b>Triviidae</b> .....         | W455 |
| Subfamily   | <b>Triviinae</b> .....         | W456 |
| Subfamily   | <b>Eratoinae</b> .....         | W462 |
| Family      | <b>Lamellariidae</b> .....     | W466 |
| Family      | <b>Velutinidae</b> .....       | W475 |
| Superfamily | <b>NATICACEA</b>               |      |
| Family      | <b>Naticidae</b> .....         | W482 |
| Subfamily   | <b>Naticinae</b> .....         | W483 |
| Subfamily   | <b>Polinicinae</b> .....       | W487 |
| Subfamily   | <b>Ampullospirinae</b> .....   | W497 |
| Superfamily | <b>TONNACEA</b>                |      |
| Family      | <b>Cassidae</b> .....          | W501 |
| Family      | <b>Ranellidae</b> .....        | W508 |

|                                       |       |
|---------------------------------------|-------|
| Subfamily <b>Ranellinae</b> .....     | W509  |
| Subfamily <b>Cymatiinae</b> .....     | W514  |
| Superfamily <b>CARINARIACEA</b>       |       |
| Family <b>Carinariidae</b> .....      | W521  |
| Family <b>Pterotracheidae</b> .....   | W525  |
| Superfamily <b>TRIPHORACEA</b>        |       |
| Family <b>Triphoridae</b> .....       | W529  |
| Subfamily <b>Triphorinae</b> .....    | W530  |
| Subfamily <b>Metaxiinae</b> .....     | W537  |
| Superfamily <b>EPITONIACEA</b>        |       |
| Family <b>Epitoniidae</b> .....       | W541  |
| Subfamily <b>Epitoniinae</b> .....    | W542  |
| Family <b>Janthinidae</b> .....       | W581  |
| Family <b>Aclididae</b> .....         | W587  |
| Superfamily <b>EULIMACEA</b>          |       |
| Family <b>Eulimidae</b> .....         | W599  |
| Order <b>NEOGASTROPODA</b>            |       |
| Superfamily <b>MURICACEA</b>          |       |
| Family <b>Muricidae</b> .....         | W672  |
| Subfamily <b>Muricinae</b> .....      | W673  |
| Subfamily <b>Ocenebrinae</b> .....    | W682  |
| Family <b>Turbinellidae</b> .....     | W697  |
| Subfamily <b>Vasinae</b> .....        | W698  |
| Family <b>Buccinidae</b> .....        | W702  |
| Subfamily <b>Buccininae</b> .....     | W703  |
| Subfamily <b>Volutopsiinae</b> .....  | W736  |
| Subfamily <b>Eburninae</b> .....      | W739  |
| Subfamily <b>Nassariinae</b> .....    | W742  |
| Family <b>Volutomitridae</b> .....    | W757  |
| Superfamily <b>CONACEA</b>            |       |
| Family <b>Turridae</b> .....          | W771  |
| Subfamily <b>Drillinae</b> .....      | W772  |
| Subfamily <b>Cochlespirinae</b> ..... | W779  |
| Subfamily <b>Borsoniinae</b> .....    | W788  |
| Subfamily <b>Mangeliinae</b> .....    | W794  |
| Subfamily <b>Daphnellinae</b> .....   | W826  |
| Order <b>HETEROSTROPHA</b>            |       |
| Superfamily <b>VALVATACEA</b>         |       |
| Family <b>Cornirostridae</b> .....    | W880  |
| Superfamily <b>ARCHITECTONICACEA</b>  |       |
| Family <b>Omalaxidae</b> .....        | W884  |
| Superfamily <b>RISSEOELLACEA</b>      |       |
| Family <b>Rissoellidae</b> .....      | W888  |
| Family <b>Cimidae</b> .....           | W895  |
| Superfamily <b>OMALOGYRACEA</b>       |       |
| Family <b>Omalogyridae</b> .....      | W899  |
| Superfamily <b>PYRAMIDELLACEA</b>     |       |
| Family <b>Pyramidellidae</b> .....    | W906  |
| Subfamily <b>Odostomiinae</b> .....   | W907  |
| Subfamily <b>Turbonillinae</b> .....  | W968  |
| Subfamily <b>Eulimellinae</b> .....   | W989  |
| Family <b>Ebalidae</b> .....          | W995  |
| Family <b>Tjaernoecidae</b> .....     | W998  |
| Subclass <b>OPISTHOBRANCHIA</b>       |       |
| Order <b>CEPHALASPIDEA</b>            |       |
| Superfamily <b>ACTEONACEA</b>         |       |
| Family <b>Acteonidae</b> .....        | W1004 |
| Superfamily <b>PHILINACEA</b>         |       |
| Family <b>Scaphandridae</b> .....     | W1016 |
| Family <b>Cylichnidae</b> .....       | W1024 |

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|--------------------------------------|-------|
| Family <b>Philinidae</b> .....       | W1035 |
| Superfamily <b>DIAPHANACEA</b>       |       |
| Family <b>Diaphanidae</b> .....      | W1053 |
| Superfamily <b>BULLACEA</b>          |       |
| Family <b>Haminoeidae</b> .....      | W1065 |
| Subfamily <b>Haminoeinae</b> .....   | W1066 |
| Superfamily <b>RETUSACEA</b>         |       |
| Family <b>Retusidae</b> .....        | W1073 |
| Superfamily <b>RUNCINACEA</b>        |       |
| Family <b>Runcinidae</b> .....       | W1091 |
| Subfamily <b>Runcininae</b> .....    | W1092 |
| Order <b>ACOCHLIDIOIDEA</b>          |       |
| Superfamily <b>HEDYLOPSACEA</b>      |       |
| Family <b>Hedylopsidae</b> .....     | W1098 |
| Family <b>Microhedyliidae</b> .....  | W1103 |
| Superfamily <b>PHILINOGLOSSACEA</b>  |       |
| Family <b>Philinoglossidae</b> ..... | W1108 |
| Order <b>SACOGLOSSA</b>              |       |
| Superfamily <b>ELYSIACEA</b>         |       |
| Family <b>Elysiidae</b> .....        | W1115 |
| Family <b>Stiligeridae</b> .....     | W1119 |
| Family <b>Alderiidae</b> .....       | W1125 |
| Family <b>Hermaeidae</b> .....       | W1128 |
| Family <b>Limapontiidae</b> .....    | W1133 |
| Order <b>ANASPIDEA</b>               |       |
| Superfamily <b>APLYSIACEA</b>        |       |
| Family <b>Akeridae</b> .....         | W1140 |
| Family <b>Aplysiidae</b> .....       | W1143 |
| Subfamily <b>Aplysiinae</b> .....    | W1144 |
| Order <b>NOTASPIDEA</b>              |       |
| Superfamily <b>PLEUROBRANCHACEA</b>  |       |
| Family <b>Pleurobranchidae</b> ..... | W1155 |
| Order <b>THECOSOMATA</b>             |       |
| Superfamily <b>LIMACINACEA</b>       |       |
| Family <b>Limacinidae</b> .....      | W1165 |
| Family <b>Cavoliniidae</b> .....     | W1176 |
| Subfamily <b>Cavoliniinae</b> .....  | W1177 |
| Subfamily <b>Clioinae</b> .....      | W1183 |
| Subfamily <b>Cuvierininae</b> .....  | W1190 |
| Superfamily <b>PERACLACEA</b>        |       |
| Family <b>Peraclidae</b> .....       | W1194 |
| Family <b>Cymbuliidae</b> .....      | W1200 |
| Subfamily <b>Cymbuliinae</b> .....   | W1201 |
| Order <b>GYMNOSOMATA</b>             |       |
| Superfamily <b>CLIONACEA</b>         |       |
| Family <b>Pneumodermatidae</b> ..... | W1206 |
| Family <b>Notobranchaeidae</b> ..... | W1221 |
| Family <b>Cliopsidae</b> .....       | W1225 |
| Family <b>Clionidae</b> .....        | W1228 |
| Family <b>Thliptodontidae</b> .....  | W1233 |
| Order <b>NUDIBRANCHIA</b>            |       |
| Superfamily <b>DENDRONOTACEA</b>     |       |
| Family <b>Tritoniidae</b> .....      | W1245 |
| Family <b>Lomanotidae</b> .....      | W1255 |
| Family <b>Scyllaeidae</b> .....      | W1259 |
| Family <b>Hancockiidae</b> .....     | W1262 |
| Family <b>Dendronotidae</b> .....    | W1265 |
| Family <b>Dotidae</b> .....          | W1269 |
| Family <b>Embletoniidae</b> .....    | W1290 |
| Superfamily <b>ONCHIDORIDACEA</b>    |       |

|                                     |       |
|-------------------------------------|-------|
| Family <b>Corambidae</b> .....      | W1294 |
| Family <b>Goniodorididae</b> .....  | W1299 |
| Family <b>Okeniidae</b> .....       | W1305 |
| Subfamily <b>Okeniinae</b> .....    | W1306 |
| Subfamily <b>Anculinae</b> .....    | W1313 |
| Family <b>Onchidorididae</b> .....  | W1319 |
| Superfamily <b>POLYCERACEA</b>      |       |
| Family <b>Triophidae</b> .....      | W1338 |
| Subfamily <b>Triophinae</b> .....   | W1339 |
| Family <b>Aegiretidae</b> .....     | W1344 |
| Family <b>Polyceridae</b> .....     | W1347 |
| Superfamily <b>DORIDACEA</b>        |       |
| Family <b>Chromodorididae</b> ..... | W1361 |
| Family <b>Aldisidae</b> .....       | W1364 |
| Family <b>Rostangidae</b> .....     | W1367 |
| Family <b>Dorididae</b> .....       | W1370 |
| Family <b>Archidorididae</b> .....  | W1374 |
| Family <b>Discodorididae</b> .....  | W1379 |
| Family <b>Kentrodorididae</b> ..... | W1384 |
| Superfamily <b>ARMINACEA</b>        |       |
| Family <b>Arminidae</b> .....       | W1398 |
| Superfamily <b>HEROACEA</b>         |       |
| Family <b>Madrellidae</b> .....     | W1402 |
| Family <b>Janolidae</b> .....       | W1405 |
| Family <b>Heroidae</b> .....        | W1411 |
| Superfamily <b>AEOLIDIACEA</b>      |       |
| Family <b>Flabellinidae</b> .....   | W1415 |
| Family <b>Tergipedidae</b> .....    | W1426 |
| Family <b>Eubbranchidae</b> .....   | W1444 |
| Family <b>Cumanotidae</b> .....     | W1453 |
| Family <b>Fionidae</b> .....        | W1456 |
| Family <b>Calmidae</b> .....        | W1459 |
| Family <b>Pseudovermidae</b> .....  | W1462 |
| Family <b>Facelinidae</b> .....     | W1466 |
| Family <b>Favorinidae</b> .....     | W1476 |
| Family <b>Aeolidiidae</b> .....     | W1482 |
| Subclass <b>PULMONATA</b>           |       |
| Order <b>SYSTELLOMMATOPHORA</b>     |       |
| Superfamily <b>ONCHIDIACEA</b>      |       |
| Family <b>Onchidiidae</b> .....     | W1497 |
| Superfamily <b>OTINACEA</b>         |       |
| Family <b>Otinidae</b> .....        | W1500 |
| Order <b>ACTOPHILA</b>              |       |
| Superfamily <b>ELLOBIACEA</b>       |       |
| Family <b>Ellobiidae</b> .....      | W1505 |
| Subfamily <b>Ellobiinae</b> .....   | W1506 |
| Subfamily <b>Pythiinae</b> .....    | W1509 |
| Class <b>SCAPHOPODA</b>             |       |
| Order <b>DENTALIIDA</b>             |       |
| Family <b>Dentaliidae</b> .....     | W1515 |
| Order <b>GADILIDA</b>               |       |
| Family <b>Gadilidae</b> .....       | W1551 |
| Class <b>PELECYPODA</b>             |       |
| Order <b>NUCULOIDA</b>              |       |
| Superfamily <b>NUCULACEA</b>        |       |
| Family <b>Nuculidae</b> .....       | W1563 |
| Subfamily <b>Nuculinae</b> .....    | W1564 |
| Subfamily <b>Nuculominae</b> .....  | W1573 |
| Superfamily <b>NUCULANACEA</b>      |       |
| Family <b>Nuculanidae</b> .....     | W1587 |

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|---------------------------------------|-------|
| Subfamily <i>Nuculaninae</i> .....    | W1588 |
| Subfamily <i>Ledellinae</i> .....     | W1596 |
| Family <i>Sareptidae</i> .....        | W1608 |
| Subfamily <i>Yoldiellinae</i> .....   | W1615 |
| Family <i>Phaseolidae</i> .....       | W1650 |
| Order <b>ARCOIDA</b>                  |       |
| Superfamily <b>ARCACEA</b>            |       |
| Family <i>Arcidae</i> .....           | W1658 |
| Subfamily <i>Arcinae</i> .....        | W1659 |
| Subfamily <i>Anadarinae</i> .....     | W1665 |
| Family <i>Noetiidae</i> .....         | W1672 |
| Subfamily <i>Striarcinae</i> .....    | W1673 |
| Superfamily <b>LIMOPSACEA</b>         |       |
| Family <i>Glycymerididae</i> .....    | W1686 |
| Order <b>MYTILOIDA</b>                |       |
| Superfamily <b>MYTILACEA</b>          |       |
| Family <i>Mytilidae</i> .....         | W1691 |
| Subfamily <i>Mytilinae</i> .....      | W1692 |
| Subfamily <i>Modiolinae</i> .....     | W1697 |
| Subfamily <i>Dacrydiinae</i> .....    | W1709 |
| Subfamily <i>Crenellinae</i> .....    | W1713 |
| Order <b>PTERIOIDA</b>                |       |
| Superfamily <b>PTERIACEA</b>          |       |
| Family <i>Pteriidae</i> .....         | W1727 |
| Superfamily <b>PINNACEA</b>           |       |
| Family <i>Pinnidae</i> .....          | W1731 |
| Order <b>LIMOIDA</b>                  |       |
| Superfamily <b>LIMACEA</b>            |       |
| Family <i>Limidae</i> .....           | W1736 |
| Order <b>OSTREOIDA</b>                |       |
| Suborder <b>OSTREINA</b>              |       |
| Superfamily <b>OSTREACEA</b>          |       |
| Family <i>Ostreidae</i> .....         | W1754 |
| Subfamily <i>Ostreinae</i> .....      | W1755 |
| Subfamily <i>Crassostreinae</i> ..... | W1759 |
| Family <i>Gryphaeidae</i> .....       | W1763 |
| Subfamily <i>Pycnodonteinae</i> ..... | W1764 |
| Suborder <b>PECTININA</b>             |       |
| Superfamily <b>PECTINACEA</b>         |       |
| Family <i>Pectinidae</i> .....        | W1768 |
| Family <i>Propeamussiidae</i> .....   | W1792 |
| Superfamily <b>ANOMIACEA</b>          |       |
| Family <i>Anomiidae</i> .....         | W1805 |
| Order <b>VENEROIDA</b>                |       |
| Superfamily <b>LUCINACEA</b>          |       |
| Family <i>Lucinidae</i> .....         | W1817 |
| Subfamily <i>Lucininae</i> .....      | W1818 |
| Subfamily <i>Myrteinae</i> .....      | W1825 |
| Subfamily <i>Divaricellinae</i> ..... | W1830 |
| Family <i>Thyasiridae</i> .....       | W1833 |
| Subfamily <i>Thyasirinae</i> .....    | W1834 |
| Family <i>Ungulinidae</i> .....       | W1861 |
| Superfamily <b>GALEOMMATACEA</b>      |       |
| Family <i>Galeommatidae</i> .....     | W1867 |
| Subfamily <i>Kelliinae</i> .....      | W1872 |
| Subfamily <i>Lasaeinae</i> .....      | W1878 |
| Family <i>Leptonidae</i> .....        | W1884 |
| Family <i>Montacutidae</i> .....      | W1888 |
| Subfamily <i>Montacutinae</i> .....   | W1889 |
| Subfamily <i>Mysellinae</i> .....     | W1904 |



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| Subfamily <b>Oorbitellinae</b> .....  | W1909 |
| Superfamily <b>CYAMIACEA</b>          |       |
| Family <b>Neoleptonidae</b> .....     | W1914 |
| Superfamily <b>ASTARTACEA</b>         |       |
| Family <b>Astartidae</b> .....        | W1921 |
| Superfamily <b>CARDIACEA</b>          |       |
| Family <b>Cardiidae</b> .....         | W1938 |
| Subfamily <b>Cardiinae</b> .....      | W1939 |
| Subfamily <b>Laevicardiinae</b> ..... | W1956 |
| Superfamily <b>MACTRACEA</b>          |       |
| Family <b>Mactridae</b> .....         | W1967 |
| Subfamily <b>Mactrinae</b> .....      | W1968 |
| Subfamily <b>Lutrariinae</b> .....    | W1981 |
| Superfamily <b>MESODESMATACEA</b>     |       |
| Family <b>Mesodesmatidae</b> .....    | W1987 |
| Superfamily <b>SOLENACEA</b>          |       |
| Family <b>Solenidae</b> .....         | W1991 |
| Family <b>Pharidae</b> .....          | W1995 |
| Superfamily <b>TELLINACEA</b>         |       |
| Family <b>Tellinidae</b> .....        | W2008 |
| Subfamily <b>Tellininae</b> .....     | W2009 |
| Subfamily <b>Macominae</b> .....      | W2026 |
| Family <b>Donacidae</b> .....         | W2036 |
| Family <b>Psammobiidae</b> .....      | W2042 |
| Subfamily <b>Psammobiinae</b> .....   | W2043 |
| Subfamily <b>Solecurtinae</b> .....   | W2052 |
| Family <b>Semelidae</b> .....         | W2057 |
| Superfamily <b>ARCTICACEA</b>         |       |
| Family <b>Arcticidae</b> .....        | W2070 |
| Family <b>Trapeziidae</b> .....       | W2075 |
| Superfamily <b>GLOSSACEA</b>          |       |
| Family <b>Glossidae</b> .....         | W2079 |
| Superfamily <b>VENERACEA</b>          |       |
| Family <b>Veneridae</b> .....         | W2086 |
| Subfamily <b>Venerinae</b> .....      | W2087 |
| Subfamily <b>Gafrariinae</b> .....    | W2092 |
| Subfamily <b>Chioninae</b> .....      | W2096 |
| Subfamily <b>Pitarinae</b> .....      | W2105 |
| Subfamily <b>Tapetinae</b> .....      | W2109 |
| Subfamily <b>Dosiniinae</b> .....     | W2125 |
| Family <b>Turtoniidae</b> .....       | W2131 |
| Family <b>Petricolidae</b> .....      | W2134 |
| Order <b>MYOIDA</b>                   |       |
| Suborder <b>MYINA</b>                 |       |
| Superfamily <b>MYACEA</b>             |       |
| Family <b>Myidae</b> .....            | W2142 |
| Subfamily <b>Myinae</b> .....         | W2143 |
| Subfamily <b>Spheniinae</b> .....     | W2150 |
| Family <b>Corbulidae</b> .....        | W2153 |
| Subfamily <b>Corbulinae</b> .....     | W2154 |
| Superfamily <b>GASTROCHAENACEA</b>    |       |
| Family <b>Gastrochaenidae</b> .....   | W2159 |
| Superfamily <b>HIATELLACEA</b>        |       |
| Family <b>Hiatellidae</b> .....       | W2164 |
| Suborder <b>PHOLADINA</b>             |       |
| Superfamily <b>PHOLADACEA</b>         |       |
| Family <b>Pholadidae</b> .....        | W2174 |
| Subfamily <b>Pholadinae</b> .....     | W2175 |
| Subfamily <b>Martesiinae</b> .....    | W2186 |
| Family <b>Xylophagaidae</b> .....     | W2193 |

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|---|-------|
| Family <b>Teredinidae</b> .....         | W2197 |
| Subfamily <b>Teredininae</b> .....      | W2198 |
| Subfamily <b>Bankiinae</b> .....        | W2211 |
| Order <b>PHOLADOMYOIDA</b>              |       |
| Superfamily <b>THRACIACEA</b>           |       |
| Family <b>Thraciidae</b> .....          | W2226 |
| Family <b>Periplomatidae</b> .....      | W2236 |
| Superfamily <b>PANDORACEA</b>           |       |
| Family <b>Lyonsiidae</b> .....          | W2242 |
| Family <b>Pandoridae</b> .....          | W2248 |
| Superfamily <b>POROMYACEA</b>           |       |
| Family <b>Poromyidae</b> .....          | W2254 |
| Superfamily <b>CUSPIDARIACEA</b>        |       |
| Family <b>Cuspidariidae</b> .....       | W2276 |
| Class <b>CEPHALOPODA</b>                |       |
| Order <b>SEPIOIDEA</b>                  |       |
| Family <b>Spirulidae</b> .....          | W2300 |
| Family <b>Sepiidae</b> .....            | W2303 |
| Family <b>Sepiolidae</b> .....          | W2309 |
| Subfamily <b>Rossiinae</b> .....        | W2310 |
| Subfamily <b>Heteroteuthinae</b> .....  | W2318 |
| Subfamily <b>Sepiolinae</b> .....       | W2321 |
| Order <b>TEUTHOIDEA</b>                 |       |
| Suborder <b>MYOPSIDA</b>                |       |
| Family <b>Loliginidae</b> .....         | W2335 |
| Suborder <b>OEGOPSIDA</b>               |       |
| Family <b>Octopoteuthidae</b> .....     | W2342 |
| Family <b>Onychoteuthidae</b> .....     | W2345 |
| Family <b>Gonatidae</b> .....           | W2348 |
| Family <b>Architeuthidae</b> .....      | W2351 |
| Family <b>Histioteuthidae</b> .....     | W2354 |
| Family <b>Bathyteuthidae</b> .....      | W2357 |
| Family <b>Brachioteuthidae</b> .....    | W2360 |
| Family <b>Ommastrephidae</b> .....      | W2365 |
| Subfamily <b>Illicinae</b> .....        | W2366 |
| Subfamily <b>Todarodinae</b> .....      | W2371 |
| Subfamily <b>Ommastrephinae</b> .....   | W2374 |
| Family <b>Thysanoteuthidae</b> .....    | W2377 |
| Family <b>Cranchiidae</b> .....         | W2383 |
| Subfamily <b>Taoniinae</b> .....        | W2384 |
| Order <b>OCTOPODA</b>                   |       |
| Family <b>Octopodidae</b> .....         | W2392 |
| Subfamily <b>Octopodinae</b> .....      | W2393 |
| Subfamily <b>Eledoninae</b> .....       | W2396 |
| Subfamily <b>Bathypolypodinae</b> ..... | W2399 |
| Family <b>Alloposidae</b> .....         | W2405 |

Phylum MOLLUSCA

|     |   |  |
|-----|---|--|
| W1  | <b>MOLLUSCA</b>                                     |  |
| W2  | <b>CAUDOFOVEATA</b>                                 |  |
| W3  | <b>CHAETODERMATIDA</b>                              |  |
| W4  | Limifossoridae                                      |  |
| W5  | <i>Scutopus</i> Salvini-Plawen, 1968                |  |
| W6  | <i>ventrolineatus</i> Salvini-Plawen, 1968          |  |
| W7  | Chaetodermatidae                                    |  |
| W8  | <i>Chaetoderma</i> Lovén, 1844                      |  |
| W9  | <i>nitidulum</i> Lovén, 1844                        |  |
| W10 | <i>Falcidens</i> Salvini-Plawen, 1968               |  |
| W11 | <i>crossotus</i> Salvini-Plawen, 1968               |  |
| W12 | <b>SOLENOGASTRES</b>                                |  |
| W13 | <b>PHOLIDOSKEPIA</b>                                |  |
| W14 | Dondersiidae  |  |
| W15 | <i>Micromenia</i> Leloup, 1948                      |  |
| W16 | <i>fodiens</i> (Schwabl, 1955)                      | Not yet confirmed in this area. See Caudwell <i>et al.</i> (1995).   |
| W17 | <i>Nematomenia</i> Simroth, 1893                    |  |
| W18 | <i>banyulensis</i> (Pruvot, 1890)                   |  |
| W19 | Lepidomeniidae                                      |  |
| W20 | <i>Lepidomenia</i> Kowalevsky, 1883                 |  |
| W21 | <i>sp.</i>  | Synonym: <i>L. hystrix</i> Boaden, 1966 non <i>L. hystrix</i> Marion & Kowalevsky in P Fischer, 1885. See Heppell (1990).  |
| W22 | <i>Tegulaherpia</i> Salvini-Plawen, 1983            |  |
| W23 | <i>celtica</i> (Caudwell, Jones & Killeen, 1995)    |  |
| W24 | Macellomeniidae                                     |  |
| W25 | <i>Macellomenia</i> Simroth, 1893                   |  |
| W26 | <i>cf. palifera</i> (Pruvot, 1890)                  | A southern species with records from the Irish Sea; see Caudwell <i>et al.</i> (1995).   |
| W27 | <b>NEOMENIAMORPHA</b>                               |  |
| W28 | Neomeniidae   |  |
| W29 | <i>Neomenia</i> Tullberg, 1875                      |  |
| W30 | <i>carinata</i> Tullberg, 1875                      |  |
| W31 | <i>dalyelli</i> (Koren & Danielssen, 1877)          |  |
| W32 | <b>CAVIBELONIA</b>                                  |  |
| W33 | Pararrhopaliidae                                    |  |
| W34 | <i>Eleutheromenia</i> Salvini-Plawen, 1967          |  |
| W35 | <i>sierra</i> (Pruvot, 1890)                        | A southern species with records from the Irish Sea; see Caudwell <i>et al.</i> (1995). Synonyms: <i>Paramenia sierra</i> ; <i>Pruvotina sierra</i> .                                   |
| W36 | <i>Pruvotina</i> Cockerell, 1903                    |  |
| W37 | <i>sp.</i>  | See Caudwell <i>et al.</i> (1995).   |
| W38 | Rhopalomeniidae                                     |  |
| W39 | <i>Rhopalomenia</i> Simroth, 1893                   |  |
| W40 | <i>aglaopheniae</i> (Kowalevsky & Marion, 1887)     | Synonym: <i>Proneomenia aglaopheniae</i> .   |
| W41 | Simrothiellidae                                     |  |
| W42 | <i>Simrothiella</i> Pilsbry, 1898                   |  |
| W43 | <i>margaritacea</i> (Koren & Danielssen, 1877)      | A northern species.  |
| W44 | <i>Biserramenia</i> Salvini-Plawen, 1967            |  |
| W45 | <i>psammobionta</i> Salvini-Plawen, 1967            | Southern/western distribution.   |
| W46 | <b>POLYPLACOPHORA</b>                               | See Kaas & Belle (1985a,1985b); Jones & Baxter (1987).   |
| W47 | <b>NEOLORICATA</b>                                  |  |
| W48 | Leptochitonidae                                     |  |
| W49 | Leptochitoninae                                     |  |
| W50 | <i>Leptochiton</i> J E Gray, 1847                   | Perhaps a subgenus of <i>Lepidopleurus</i> ; see Dell'Angelo & Palazzi (1989).   |
| W51 | <i>Leptochiton (Leptochiton)</i> J E Gray, 1847     |  |
| W53 | <i>asellus</i> (Gmelin, 1791)                       | Synonym: <i>Lepidopleurus asellus</i> .  |
| W54 | <i>cancellatus</i> (G B Sowerby II, 1840)           | Synonym: <i>Lepidopleurus cancellatus</i> .  |
| W55 | <i>gascognensis</i> Kaas & Belle, 1985              |  |
| W56 | <i>leloupi</i> Kaas, 1979                           | Southern/western distribution.   |
| W58 | <i>scabridus</i> (Jeffreys, 1880)                   | Synonym: <i>Lepidopleurus scabridus</i> .  |
| W59 | <i>tenuis</i> Kaas, 1979                            | Southern/western distribution.   |
| W60 | <i>Lepidopleurus</i> Risso, 1826                    |  |
| W61 | <i>cajetanus</i> (Poli, 1791)                       | Southern/western distribution.   |
| W62 | Hanleyidae  |  |
| W63 | <i>Hanleya</i> J E Gray, 1857                       |  |
| W65 | <i>hanleyi</i> (Bean in Thorpe, 1844)               |  |
| W66 | <i>nagelfar</i> (Lovén, 1846)                       | A northern species usually in deep water. See Kaas & Belle (1985a) and Warén & Klitgaard (1991) for discussion of its taxonomic status. Synonym: <i>H. abyssorum</i> (G O Sars, 1878). |
| W67 | Ischnochitonidae                                    |  |
| W68 | Ischnochitoninae                                    |  |
| W69 | <i>Ischnochiton</i> J E Gray, 1847                  |  |
| W70 | <i>Ischnochiton (Stenosemus)</i> Middendorff, 1847  |  |
| W71 | <i>albus</i> (Linnaeus, 1767)                       |  |
| W72 | <i>exaratus</i> (G O Sars, 1878)                    | A northern species.  |
| W73 | Callochitoninae                                     |  |
| W74 | <i>Callochiton</i> J E Gray, 1847                   |  |
| W75 | <i>septemvalvis</i> (Montagu, 1803)                 | Synonym: <i>C. achatinus</i> Brown, 1827.  |
| W76 | Lepidochitoninae                                    |  |
| W77 | <i>Lepidochitona</i> J E Gray, 1821                 |  |
| W78 | <i>Lepidochitona (Lepidochitona)</i> J E Gray, 1821 |  |
| W79 | <i>cinerea</i> (Linnaeus, 1767)                     |  |
| W80 | <i>Tonicella</i> Carpenter, 1873                    |  |
| W81 | <i>marmorea</i> (O Fabricius, 1780)                 |  |
| W82 | <i>rubra</i> (Linnaeus, 1767)                       |  |
| W83 | Acanthochitonidae                                   |  |

|      |   |   |
|------|---|---|
| W84  | Acanthochitoninae   |   |
| W85  | <i>Acanthochitona</i> J E Gray, 1821                            |   |
| W86  | <i>crinita</i> (Pennant, 1777)                                  | Synonyms: <i>A. discrepans</i> Brown, 1827; <i>A. gracilis</i> Jeffreys, 1859.  |
| W87  | <i>fascicularis</i> (Linnaeus, 1767)                            | Synonym: <i>A. communis</i> Risso, 1826.  |
| W88  | <b>GASTROPODA</b>   |   |
| W89  | <b>PROSOBRANCHIA</b>  | See Fretter & Graham (1994) for discussion of current classification.   |
| W90  | <b>ARCHAEOGASTROPODA</b>  | See Hickman (1988).   |
| W91  | PLEUROTOMARIACEA  |   |
| W92  | Scissurellidae  |   |
| W93  | <i>Anatoma</i> Woodward, 1859                                   |   |
| W94  | <i>crispata</i> (Fleming, 1828)                                 | Synonym: <i>Scissurella crispata</i> Fleming, 1828.   |
| W95  | HALIOTIDACEA  |   |
| W96  | Haliotidae  |   |
| W97  | <i>Haliotis</i> Linnaeus, 1758                                  |   |
| W98  | <i>Haliotis (Sulculus)</i> H & A Adams, 1854                    |   |
| W99  | <i>tuberculata</i> Linnaeus, 1758                               | Southern/western distribution.  |
| W100 | FISSURELLACEA   |   |
| W101 | Fissurellidae   |   |
| W102 | Emarginulinae   |   |
| W103 | <i>Emarginula</i> Lamarck, 1801                                 |   |
| W104 | <i>Emarginula (Emarginula)</i> Lamarck, 1801                    |   |
| W105 | <i>crassa</i> J Sowerby, 1813                                   |   |
| W106 | <i>fissura</i> (Linnaeus, 1758)                                 | Synonym: <i>E. reticulata</i> Sowerby, 1813.  |
| W107 | <i>rosea</i> Bell, 1824   | Synonym: <i>E. conica</i> Schumacher, 1817 non Lamarck, 1801.   |
| W110 | <i>Puncturella</i> Lowe, 1827                                   |   |
| W111 | <i>Puncturella (Puncturella)</i> Lowe, 1827                     |   |
| W112 | <i>noachina</i> (Linnaeus, 1771)                                |   |
| W113 | Diodorinae  |   |
| W114 | <i>Diodora</i> J E Gray, 1821                                   |   |
| W115 | <i>Diodora (Diodora)</i> J E Gray, 1821                         |   |
| W116 | <i>graeca</i> (Linnaeus, 1758)                                  | Synonym: <i>D. apertura</i> Montagu, 1803.  |
| W128 | TROCHACEA   | Classification largely follows Hickman & McLean (1990).   |
| W129 | Turbinidae  |   |
| W130 | Moelleriinae  |   |
| W134 | <i>Moelleria</i> Jeffreys, 1865                                 |   |
| W135 | <i>costulata</i> (Møller, 1842)                                 |   |
| W136 | Tricoliinae   |   |
| W137 | <i>Tricolia</i> Risso, 1826                                     |   |
| W138 | <i>Tricolia (Tricolia)</i> Risso, 1826                          |   |
| W139 | <i>pullus</i> (Linnaeus, 1758)                                  |   |
| W140 | Trochidae   |   |
| W141 | Eucyclinae  |   |
| W142 | <i>Calliotropis</i> Seguenza, 1903                              |   |
| W143 | <i>ottoi</i> (Philippi, 1844)                                   | Synonym: <i>Lischkeia ottoi</i> .   |
| W145 | <i>Danilia</i> Brusina, 1865                                    |   |
| W146 | <i>otaviana</i> (Cantraine, 1835)                               | Synonyms: <i>Danilia tinei</i> (Calcara, 1839); <i>Olivia otaviana</i> .  |
| W147 | Margaritinae  |   |
| W148 | <i>Margarites</i> J E Gray, 1847                                |   |
| W149 | <i>Margarites (Margarites)</i> J E Gray, 1847                   |   |
| W150 | <i>helicinus</i> (Phipps, 1774)                                 |   |
| W151 | <i>olivaceus</i> (Brown, 1827)                                  | Synonyms: <i>M. argentatus</i> Gould, 1841; <i>M. glauca</i> Møller, 1842.  |
| W152 | <i>striatus</i> (Leach, 1819)                                   | Synonyms: <i>M. groenlandicus</i> auctt. non (Gmelin, 1791); <i>M. undulatus</i> G.B. Sowerby I, 1838.                              |
| W153 | <i>striatus var. laevior</i> (Jeffreys, 1865)                   |   |
| W156 | Trochinae   |   |
| W157 | <i>Gibbula</i> Risso, 1826                                      |   |
| W158 | <i>Gibbula (Gibbula)</i> Risso, 1826                            |   |
| W159 | <i>magus</i> (Linnaeus, 1758)                                   |   |
| W160 | <i>Gibbula (Colliculus)</i> Monterosato, 1888                   |   |
| W161 | <i>tumida</i> (Montagu, 1803)                                   |   |
| W162 | <i>Gibbula (Steromphala)</i> J E Gray, 1847                     |   |
| W163 | <i>cineraria</i> (Linnaeus, 1758)                               |   |
| W164 | <i>pennanti</i> (Philippi, 1846)                                | Southern and western distribution; littoral.  |
| W165 | <i>umbilicalis</i> (da Costa, 1778)                             | Littoral.   |
| W167 | <i>Jujubinus</i> Monterosato, 1884                              |   |
| W168 | <i>Jujubinus (Jujubinus)</i> Monterosato, 1884                  |   |
| W170 | <i>exasperatus</i> (Pennant, 1777)                              | Synonym: <i>Cantharidus exasperatus</i> .   |
| W171 | <i>Jujubinus (Clelandella)</i> Winckworth, 1932                 |   |
| W172 | <i>miliaris</i> (Brocchi, 1814)                                 | Synonyms: <i>Cantharidus clelandi</i> (W Wood, 1828); <i>Clelandella clelandi</i> , <i>Clelandella millegrana</i> (Philippi, 1836). |
| W173 | <i>Jujubinus (Mirulinus)</i> Monterosato, 1917                  |   |
| W174 | <i>montagui</i> (W Wood, 1828)                                  | Synonym: <i>Cantharidus montagui</i> .  |
| W175 | <i>striatus</i> (Linnaeus, 1758)                                | Synonym: <i>Cantharidus striatus</i> .  |
| W176 | <i>Osiinus</i> Philippi, 1847                                   |   |
| W177 | <i>lineatus</i> (da Costa, 1778)                                | Synonym: <i>Monodonta lineata</i>   |
| W178 | Calliostomatinae  |   |
| W179 | <i>Calliostoma</i> Swainson, 1840                               |   |
| W180 | <i>Calliostoma (Calliostoma)</i> Swainson, 1840                 |   |
| W181 | <i>formosum</i> (McAndrew & Forbes, 1847)                       | Synonym: <i>C. occidentale</i> auctt. non (Mighels & Adams, 1842).  |
| W182 | <i>zizyphinum</i> (Linnaeus, 1758)                              |   |
| W183 | <i>zizyphinum var. lyonsii</i> (Leach in Forbes & Hanley, 1850) |   |
| W184 | <i>Calliostoma (Ampullotrochus)</i> Monterosato, 1890           |   |
| W185 | <i>granulatum</i> (Born, 1778)                                  | Synonym: <i>C. papillosum</i> da Costa, 1778.   |
| W186 | Solariellinae   |   |
| W187 | <i>Solariella</i> S V Wood, 1842                                | See Høisæter (1986).  |
| W188 | <i>Solariella (Solariella)</i> S V Wood, 1842                   |   |
| W189 | <i>amabilis</i> (Jeffreys, 1865)                                | Synonym: <i>S. affinis</i> (Friele, 1877). The fossil <i>S. cincta</i>  |

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|------|---|--|
| W190 | <i>obscura</i> (Couthouy, 1838)                 | (Philippi, 1836) is not identical to the recent species, according to Warén (1993).<br>A northern species. Synonyms: <i>S. albula</i> (Gould, 1861); <i>S. bella</i> Verkrüzen, 1875.  |
| W191 | Trochacridinae                                  |  |
| W192 | <i>Trochacris</i> Thiele, 1912                  |  |
| W193 | <i>islandica</i> Warén, 1989                    | A northern species.  |
| W194 | Skeneidae                                       | See Warén (1992).  |
| W195 | <i>Skenea</i> Fleming, 1825                     |  |
| W196 | <i>Skenea (Skenea)</i> Fleming, 1825            |  |
| W197 | <i>ossiansarsii</i> Warén, 1991                 | Synonyms: <i>Cyclostrema laevigatum</i> G O Sars, 1878 non Friele, 1876; <i>Skenea laevigata</i> auctt.  |
| W198 | <i>serpulooides</i> (Montagu, 1808)             |  |
| W199 | <i>trochooides</i> (Friele, 1876)               | Synonym: <i>S. laevigata</i> (Friele, 1876).   |
| W200 | <i>Cirsonella</i> Angas, 1877                   | Warén (1992) synonymized <i>Tharsiella</i> with the Australian genus <i>Cirsonella</i> .<br>Synonym: <i>Tharsiella romettensis</i> .   |
| W201 | <i>romettensis</i> (Granata Grillo, 1877)       |  |
| W202 | <i>Dikoleps</i> Høisæter, 1968                  |  |
| W203 | <i>cutleriana</i> (Clark, 1849)                 | Synonym: <i>Skenea cutleriana</i> .  |
| W204 | <i>pusilla</i> (Jeffreys, 1847)                 | Synonym: <i>Skenea nitens</i> .  |
| W205 | Pendromidae                                     |  |
| W206 | <i>Rugulina</i> Palazzi, 1988                   | As <i>Trachysma</i> Jeffreys, 1874 is based on larval shells of the trichotropid species <i>Torellia vestita</i> , that name is invalid.<br>Synonyms: <i>Trachysma delicatum</i> G O Sars, 1878 non Philippi, 1844; <i>T. expansum</i> G O Sars, 1878; <i>T. sarsianum</i> Thiele, 1912. See Warén (1991).   |
| W207 | <i>fragilis</i> (G O Sars, 1878)                |  |
| W219 | <b>PATELLOGASTROPODA</b>                        |  |
| W220 | <b>PATELLACEA</b>                               |  |
| W221 | Lottiidae                                       | Acmaeidae auctt. See Lindberg (1986).<br>Retained in <i>Acmaea</i> by Høisæter (1986).   |
| W222 | <i>Tectura</i> J E Gray, 1847                   |  |
| W223 | <i>testudinalis</i> (O F Müller, 1776)          | Littoral. Synonyms: <i>Acmaea tessulata</i> (O F Müller, 1776), <i>Acmaea testudinalis</i> , <i>Collisella testudinalis</i> .<br>Synonyms: <i>Acmaea virginea</i> ; <i>Collisella virginea</i> .   |
| W224 | <i>virginea</i> (O F Müller, 1776)              |  |
| W225 | Patellidae                                      |  |
| W226 | Patellinae                                      |  |
| W227 | <i>Patella</i> Linnaeus, 1758                   |  |
| W228 | <i>Patella (Patella)</i> Linnaeus, 1758         |  |
| W229 | <i>depressa</i> Pennant, 1777                   | Southern/western distribution; littoral. Synonym: <i>P. intermedia</i> Knapp in Murray, 1857.<br>Littoral. <i>Patella ulyssiponensis</i> is now widely used, following Christiaens (1973), who considered <i>P. aspera</i> to be a subspecies. Synonyms: <i>P. aspera</i> (Röding, 1798); <i>P. athletica</i> (Bean in Thorpe, 1844).<br>Littoral. |
| W230 | <i>ulyssiponensis</i> Gmelin, 1791              |  |
| W231 | <i>vulgata</i> Linnaeus, 1758                   |  |
| W232 | <i>Helcion</i> Montfort, 1810                   |  |
| W233 | <i>Helcion (Ansates)</i> G B Sowerby II, 1839   |  |
| W234 | <i>pellucidum</i> (Linnaeus, 1758)              | Littoral. Synonyms: <i>Patina pellucida</i> ; <i>Patina laevis</i> (Pennant, 1777); <i>Helcion laevis</i> .  |
| W235 | Lepetidae                                       |  |
| W236 | <i>Lepeta</i> J E Gray, 1847                    |  |
| W237 | <i>caeca</i> (O F Müller, 1776)                 |  |
| W238 | <i>Iothia</i> J E Gray in M E Gray, 1850        | Although <i>Iothia</i> Forbes, 1849 appears to have been a typographical error for <i>Lottia</i> , the name was adopted by Gray in 1850 for a separate genus and is now used in that sense.<br>Synonym: <i>Lepeta fulva</i> .<br>Some authors include this in the Lepetidae.   |
| W239 | <i>fulva</i> (O F Müller, 1776)                 |  |
| W240 | Propilidiidae                                   |  |
| W241 | <i>Propilidium</i> Forbes & Hanley, 1849        |  |
| W242 | <i>exiguum</i> (Thompson, 1844)                 | Synonym: <i>P. ancyloide</i> (Forbes, 1840) non J de C Sowerby, 1824.  |
| W243 | <b>COCCULINIFORMIA</b>                          |  |
| W244 | <b>LEPETELLACEA</b>                             | Classification of Lepetellacea and Cocculinacea follows Haszprunar (1988).   |
| W245 | Lepetellidae                                    |  |
| W246 | <i>Lepetella</i> Verrill, 1880                  |  |
| W247 | <i>laterocompressa</i> (Rayneval & Ponzi, 1854) |  |
| W248 | Osteopeltidae                                   |  |
| W249 | <i>Osteopelta</i> Marshall, 1987                | Associated with whale bones.   |
| W250 | <i>ceticola</i> Warén, 1989                     |  |
| W251 | <b>NERITIMORPHA</b>                             |  |
| W252 | <b>NERITACEA</b>                                |  |
| W253 | Neritidae                                       |  |
| W254 | <i>Theodoxus</i> Montfort, 1810                 |  |
| W255 | <i>fluviatilis</i> (Linnaeus, 1758)             | A brackish-water species.  |
| W256 | <b>MESOGASTROPODA</b>                           |  |
| W257 | <b>CERITHIACEA</b>                              |  |
| W258 | Cerithiidae                                     |  |
| W259 | Bittinae  |  |
| W260 | <i>Bittium</i> J E Gray, 1847                   | See Verduin (1982b) for taxonomy of <i>Bittium</i> . Ponder & Warén (1988) included Bittiidae in the subfamily Cerithiinae.  |
| W261 | <i>Bittium (Bittium)</i> J E Gray, 1847         |  |
| W262 | <i>jadertinum</i> (Brusina, 1865)               |  |
| W263 | <i>reticulatum</i> (da Costa, 1778)             |  |
| W264 | <i>scabrum</i> (Olivi, 1792)                    |  |
| W265 | <i>lacteum</i> (Jeffreys, 1867)                 | <i>B. lacteum</i> var. <i>simplex</i> (Jeffreys, 1867) is the only subspecies found in the area.   |
| W266 | Turritellidae                                   |  |
| W267 | Turritellinae                                   |  |
| W268 | <i>Turritella</i> Lamarck, 1799                 |  |
| W269 | <i>Turritella (Turritella)</i> Lamarck, 1799    |  |
| W270 | <i>communis</i> Risso, 1826                     |  |

- W271 Cerithiopsidae  
W272 *Cerithiopsis* Forbes & Hanley, 1851  
W273 *barleii* Jeffreys, 1867  
W274 *pulchella* Jeffreys, 1858  
W275 *tubercularis* (Montagu, 1803)  
W276 *Cerithiella* Verrill, 1882  
W277 *metula* (Lovén, 1846)  
  
W278 *Eumetula* Thiele, 1912  
W279 *arctica* (Morch, 1857)  
W280 *Krachia* Baluk, 1975  
W281 *cossmanni* (Dautzenberg & Fischer, 1896)  
W282 LITTORINACEA  
W283 Littorinidae  
W284 Lacuninae  
W285 *Lacuna* Turton, 1827  
W286 *Lacuna* (*Lacuna*) Turton, 1827  
W287 *crassior* (Montagu, 1803)  
W288 *crassior* var. *glacialis* Møller, 1842  
W289 *pallidula* (da Costa, 1778)  
W290 *parva* (da Costa, 1778)  
W291 *Lacuna* (*Epheria*) J E Gray, 1847  
W292 *vincta* (Montagu, 1803)  
W293 Littorininae  
W294 *Littorina* Férussac, 1822  
W295 *Littorina* (*Littorina*) Férussac, 1822  
W296 *littorea* (Linnaeus, 1758)  
W297 *Littorina* (*Neritrema*) Recluz, 1869  
W298 *arcana* Ellis, 1978  
W299 *mariae* Sacchi & Rastelli, 1966  
W300 *neglecta* Bean in Thorpe, 1844  
W301 *nigrolineata* J E Gray, 1839  
W302 *obtusata* (Linnaeus, 1758)  
W303 *obtusata* var. *aestuarii* Jeffreys, 1865  
W304 *obtusata* var. *palliat*a Say, 1822  
W305 *saxatilis* (Olivi, 1792)  
W306 *saxatilis* *tenebrosa* (Montagu, 1803)  
W307 *saxatilis* var. *rudis* (Maton, 1797)  
W308 *Melarhaphé* Menke, 1828  
W309 *neritoides* (Linnaeus, 1758)  
W310 Skeneopsidae  
W311 *Skeneopsis* Iredale, 1915  
W312 *planorbis* (O Fabricius, 1780)  
W313 *planorbis* var. *trochiformis* (Jeffreys, 1867)  
W314 CINGULOPSACEA  
W315 Cingulopsidae  
W316 *Eatonina* Thiele, 1912  
W317 *Eatonina* (*Coriandria*) Tomlin, 1917  
W318 *fulgida* (J Adams, 1797)  
W319 RISSOACEA  
W320 Barleeidae  
W321 Barleeinae  
W322 *Barleeia* Clark, 1853  
W323 *unifasciata* (Montagu, 1803)  
W324 Rissoidae  
W325 Rissoinae  
W326 *Rissoa* Desmarest, 1814  
W327 *guerinii* Recluz, 1843  
W328 *interrupta* (J Adams, 1800)  
W329 *labiosa* (Montagu, 1803)  
W330 *lilacina* Recluz, 1843  
W331 *lilacina* *porifera* Lovén, 1846  
W332 *lilacina* *rufilabrum* Alder, 1844  
W333 *membranacea* (J Adams, 1800)  
W334 *parva* (da Costa, 1778)  
W335 *Alvania* Risso, 1826  
W336 *Alvania* (*Alvania*) Risso, 1826  
W337 *abyssicola* (Forbes in Forbes & Hanley, 1850)  
W338 *beanii* (Hanley in Thorpe, 1844)  
W339 *beanii* *calathus* (Hanley, 1850)  
W340 *cancellata* (da Costa, 1778)  
W341 *cimicoides* (Forbes, 1844)  
W342 *jeffreysi* (Waller, 1864)  
W343 *lactea* (Michaud, 1830)  
W344 *punctura* (Montagu, 1803)  
W345 *subsoluta* (Aradas, 1847)  
W346 *testae* (Aradas & Maggiore, 1844)  
W347 *Alvania* (*Crisilla*) Monterosato, 1917  
W348 *semistriata* (Montagu, 1808)  
W349 *Alvania* (*Galeodina*) Monterosato, 1884  
W350 *carinata* (da Costa, 1778)  
W353 *Boreocingula* Golikov & Kussakin, 1974

Synonym: *C. jeffreysi* (Watson, 1885).

Synonyms: *C. amblytera* auct. non Watson, 1880; *C. danielsenii* (Friele, 1877); *C. gracilis* (Jeffreys, 1885) non Lamarck, 1804; *C. macrocephala* Dautzenberg & Fischer, 1897; *C. procera* (Jeffreys, 1877) non Kiener, 1842.

Synonym: *E. costulata* Møller, 1842 non Borson, 1825.

Synonym: *Cerithiella cossmanni*.

According to Reid (1989); some changes have been made in Reid's subsequent publications.

A northern form.  
Littoral.

Littoral.

Littoral.

Littoral. Synonym: *Littorina fabalis* Turton, 1825.  
Status unresolved. See Fioroni & Reid (1994). Littoral.

Littoral.

Littoral. Synonym: *L. littoralis* Linnaeus, 1758.

Littoral.

A northern littoral species.

Littoral.

Status uncertain. Littoral. See Janson & Ward (1985).

Littoral.

Littoral. Synonym: *Littorina neritoides*.

Littoral. Synonyms: *Cingulopsis fulgida*; *Coriandria fulgida*.  
See Ponder (1988b).

Littoral. Synonym: *B. rubra* J Adams, 1797.

Synonym: *Apicularia guerinii*.  
Synonyms: *R. parva* var. *interrupta*; *Pusillina interrupta*;  
*Turboella interrupta*.  
Not a synonym of *R. membranacea*. See Munksgaard (1990).

Littoral. For a full discussion of this species, its variability and distinction from *R. labiosa*, see Verduin (1982a).  
Synonym: *Rissostomia membranacea*.  
Synonyms: *Pusillina parva*; *Turboella parva*.

Synonym: *Actonia abyssicola*.  
Synonyms: *A. reticulata* J Adams, 1797 non Solander, 1766;  
*Turbona beani*.

Synonym: *Turbona calathus*.

Synonyms: *Acinopsis cancellata*; *Rissoa crenulata*.

Synonyms: *Acinulus cimicoides*; *Turbona cimicoides*.

Synonym: *Alvinia jeffreysi*.

Littoral. Synonym: *Massotia lactea*.

Synonym: *Alvinia punctura*; *Arsenia punctura*.

Synonyms: *Actonia subsoluta*; *Turbona subsoluta*.

Synonyms: *Cingula semistriata*; *Setia semistriata*.

Synonyms: *Galeodina carinata*; *Rissoa striatula* non Linnaeus, 1758.

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| W354 | <i>castanea</i> (Møller, 1842)                      | Synonyms: <i>Cingula castanea</i> ; <i>Rissoa castanea</i> .   |
| W355 | <i>globulus</i> (Møller, 1842)                      | Synonyms: <i>Cingula globularis</i> Hanley in Thorpe, 1844; <i>Cingula globulus</i> ; <i>Putilla globularis</i> ; <i>Putilla globulus</i> .  |
| W356 | <i>Cingula</i> Fleming, 1818                        |  |
| W357 | <i>Cingula (Cingula)</i> Fleming, 1818              |  |
| W358 | <i>cingillus</i> (Montagu, 1803)                    | Littoral. The identity of <i>Turbo trifasciatus</i> J Adams, 1800, which is often regarded as a synonym of this species, is unresolved. See Heppell (1995).  |
| W359 | <i>Manzonina</i> Brusina, 1870                      |  |
| W360 | <i>Manzonina (Manzonina)</i> Brusina, 1870          |  |
| W361 | <i>crassa</i> (Kanmacher in G Adams, 1798)          | Synonyms: <i>Alvania costata</i> (J Adams, 1797) non <i>Turbo costatus</i> Salis-Marschlins, 1793; <i>Alvania crassa</i> .   |
| W362 | <i>Manzonina (Alvinia)</i> Monterosato, 1884        |  |
| W363 | <i>zetlandica</i> (Montagu, 1815)                   | Synonyms: <i>Alvania zetlandica</i> ; <i>Flemellia zetlandica</i> ; <i>Taramellia zetlandica</i> .   |
| W364 | <i>Obtusella</i> Cossmann, 1921                     |  |
| W365 | <i>intersecta</i> (S V Wood, 1857)                  | Synonyms: <i>Obtusella alderi</i> (Jeffreys, 1858); <i>Putilla alderi</i> ; <i>Putilla cantrainei</i> Nordsieck, 1972; <i>Putilla obtusa</i> (Cantraine, 1842) non Brown, 1827; <i>Rissoa soluta</i> Forbes & Hanley, 1850 non Philippi, 1844; ? <i>Setia inflata</i> Fretter & Patil, 1961 non Monterosato, 1884. |
| W366 | <i>Onoba</i> H & A Adams, 1852                      |  |
| W367 | <i>Onoba (Onoba)</i> H & A Adams, 1852              |  |
| W368 | <i>aculeus</i> (Gould, 1841)                        | Synonyms: <i>Rissoa arctica</i> (Lovén, 1846); <i>Onoba proxima</i> (auctt. non Forbes & Hanley, 1850); <i>Rissoa saxatilis</i> (Møller, 1842).  |
| W371 | <i>semicostata</i> (Montagu, 1803)                  | Synonym: <i>Cingula semicostata</i> .  |
| W372 | <i>Pseudosetia</i> Monterosato, 1884                |  |
| W373 | <i>turgida</i> (Jeffreys, 1870)                     | Synonyms: <i>Cingula turgida</i> ; <i>Putilla turgida</i> ; <i>Rissoa turgida</i> .  |
| W374 | <i>Pusillina</i> Monterosato, 1884                  |  |
| W375 | <i>Pusillina (Pusillina)</i> Monterosato, 1884      |  |
| W376 | <i>inconspicua</i> (Alder, 1844)                    | Synonyms: <i>Rissoa inconspicua</i> ; <i>Turboella inconspicua</i> .   |
| W377 | <i>sarsi</i> (Lovén, 1846)                          | Synonyms: <i>P albella</i> Lovén, 1846 non Alder, 1844; <i>Rissoa albella</i> ; <i>Rissoa sarsi</i> ; <i>Turboella albella</i> ; <i>Turboella sarsi</i> .  |
| W379 | <i>Setia</i> H & A Adams, 1852                      |  |
| W380 | <i>pulcherrima</i> (Jeffreys, 1848)                 | A southern species. Synonyms: <i>Cingula pulcherrima</i> ; <i>Cingula inflata</i> auctt.; <i>Putilla inflata</i> auctt. non <i>Setia inflata</i> Monterosato, 1884 non <i>Setia inflata</i> Fretter & Patil, 1961.   |
| W381 | Hydrobiidae   |  |
| W382 | Hydrobiinae   |  |
| W383 | <i>Hydrobia</i> Hartmann, 1821                      |  |
| W384 | <i>neglecta</i> (Muus, 1963)                        | A brackish-water species. Synonym: ? <i>Hydrobia acuta</i> (Draparnaud, 1805).   |
| W385 | <i>ulvae</i> (Pennant, 1777)                        | Littoral.  |
| W386 | <i>Ventrosia</i> Radoman, 1977                      | The status of this generic name is unresolved. See Kabat & Hershler (1993).  |
| W387 | <i>ventrosa</i> (Montagu, 1803)                     | A brackish-water species. Synonyms: ? <i>Hydrobia totteni</i> auctt. non Morrison, 1954; <i>Hydrobia ventrosa</i> .  |
| W388 | Cochliopinae  |  |
| W389 | <i>Heleobia</i> Stimpson, 1865                      |  |
| W390 | <i>stagnorum</i> (Gmelin, 1791)                     | A brackish-water species. Synonyms: <i>Hydrobia stagnorum</i> ; <i>Semisalsa stagnorum</i> .   |
| W391 | Tateinae  |  |
| W392 | <i>Potamopyrgus</i> Stimpson, 1865                  |  |
| W393 | <i>antipodarum</i> (J E Gray, 1843)                 | A brackish-water species accidentally introduced into Europe from New Zealand. See Ponder (1988a). Synonym: <i>P jenkinsii</i> (E A Smith, 1889).  |
| W394 | Truncatellidae                                      |  |
| W395 | Truncatellinae                                      |  |
| W396 | <i>Truncatella</i> Risso, 1826                      |  |
| W397 | <i>Truncatella (Truncatella)</i> Risso, 1826        |  |
| W398 | <i>subcylindrica</i> (Linnaeus, 1767)               | A southern species; littoral. Synonyms: <i>T montagui</i> Lowe, 1829; <i>Acmea subcylindrica</i> .   |
| W399 | Assimineidae  |  |
| W400 | Assimineinae  |  |
| W401 | <i>Assiminea</i> Fleming, 1828                      |  |
| W402 | <i>grayana</i> Fleming, 1828                        | A southern brackish-water species.   |
| W403 | Omphalotropidinae                                   |  |
| W404 | <i>Paludinella</i> L Pfeiffer, 1841                 |  |
| W405 | <i>litorina</i> (delle Chiaje, 1828)                | A southern species; littoral.  |
| W406 | Iravadiidae   | See Ponder (1984).   |
| W407 | <i>Ceratia</i> H & A Adams, 1852                    |  |
| W408 | <i>proxima</i> (Forbes & Hanley, 1850)              | Synonyms: <i>Cingula proxima</i> ; <i>Hyala proxima</i> ; <i>Rissoa striatula</i> Jeffreys, 1847 non da Costa, 1778.   |
| W409 | <i>Hyala</i> H & A Adams, 1852                      |  |
| W410 | <i>vitrea</i> (Montagu, 1803)                       | Synonym: <i>Cingula vitrea</i> .   |
| W411 | Caecidae  | See Aartsen (1977).  |
| W412 | <i>Caecum</i> Fleming, 1813                         |  |
| W413 | <i>Caecum (Caecum)</i> Fleming, 1813                |  |
| W414 | <i>imporatum</i> (Kanmacher in G Adams, 1798)       | Synonym: <i>C. trachea</i> Montagu, 1803.  |
| W415 | <i>Caecum (Brochina)</i> J E Gray, 1857             |  |
| W416 | <i>armoricum</i> de Folin, 1869                     | A southern species. Synonyms: <i>C. tenue</i> Milaschewich, 1912; <i>Brochina [sic] tenue</i> . See Hoeksema & Segers (1993).  |
| W417 | <i>clarkii</i> Carpenter, 1858                      | A southern species.  |
| W418 | <i>glabrum</i> (Montagu, 1803)                      |  |
| W419 | Tornidae  |  |
| W420 | <i>Tornus</i> Turton & Kingston in Carrington, 1830 |  |
| W421 | <i>subcarinatus</i> (Montagu, 1803)                 |  |
| W422 | Adeorbidae  |  |
| W423 | <i>Circulus</i> Jeffreys, 1865                      |  |

- W424 *striatus* (Philippi, 1836)
- W427 STROMBACEA
- W428 Aporrhaidae
- W429 *Aporrhais* da Costa, 1778
- W430 *pespelecani* (Linnaeus, 1758)
- W431 *serresianus* (Michaud, 1828)
- W432 CALYPTRAEACEA
- W433 Calyptraeidae
- W434 *Calyptraea* Lamarck, 1799
- W435 *Calyptraea (Calyptraea)* Lamarck, 1799
- W436 *chinensis* (Linnaeus, 1758)
- W437 *Crepidula* Lamarck, 1799
- W438 *Crepidula (Crepidula)* Lamarck, 1799
- W439 *fornicata* (Linnaeus, 1758)
- W440 Capulidae
- W441 *Capulus* Montfort, 1810
- W442 *Capulus (Capulus)* Montfort, 1810
- W443 *ungaricus* (Linnaeus, 1758)
- W444 *Trichotropis* Broderip & Sowerby, 1829
- W445 *Trichotropis (Ariadnaria)* Habe, 1961
- W446 *borealis* Broderip & Sowerby, 1829
- W449 CYPRAEACEA
- W450 Ovulidae
- W451 Ovulinae
- W452 *Simnia* Risso, 1826
- W453 *patula* (Pennant, 1777)
- W454 LAMELLARIACEA
- W455 Triviidae See Cate (1979).
- W456 Triviinae
- W457 *Trivia* J E Gray in Broderip, 1837
- W458 *Trivia (Trivia)* J E Gray in Broderip, 1837
- W459 *arctica* (Pulteney, 1799)
- W460 *mollerati* Locard, 1894
- W461 *monacha* (da Costa, 1778)
- W462 Eratoinae
- W463 *Erato* Risso, 1826
- W464 *Erato (Erato)* Risso, 1826
- W465 *voluta* (Montagu, 1803)
- W466 Lamellariidae
- W467 *Lamellaria* Montagu, 1815
- W468 *Lamellaria (Lamellaria)* Montagu, 1815
- W469 *latens* (O F Müller, 1776)
- W470 *perspicua* (Linnaeus, 1758)
- W471 *Lamellaria (Marseniella)* Bergh, 1886
- W472 *borealis* Bergh, 1853
- W473 *Calyptocochia* Bouchet & Warén, 1993
- W474 *pellucida* (Verrill, 1880)
- W475 Velutinidae
- W476 *Velutina* Fleming, 1820
- W477 *Velutina (Velutina)* Fleming, 1820
- W478 *plicatilis* (O F Müller, 1776)
- W479 *undata* Brown in Smith, 1839
- W480 *velutina* (O F Müller, 1776)
- W481 NATICACEA
- W482 Naticidae See Kabat (1991).
- W483 Naticinae
- W484 *Cryptonatica* Dall, 1892
- W485 *affinis* (Gmelin, 1791)
- W486 *operculata* (Jeffreys, 1885)
- W487 Polinicinae
- W488 *Polinices* Montfort, 1810
- W489 *fuscus* (de Blainville, 1825)
- W490 *montagui* (Forbes, 1838)
- W491 *pulchellus* (Risso, 1826)
- W492 *Euspira* Agassiz in J Sowerby, 1837
- W493 *catena* (da Costa, 1778)
- W494 *pallida* (Broderip & Sowerby, 1829)
- W495 *Bulbus* Brown in Smith, 1839
- W496 *fragilis* (Leach, 1819)
- W497 Ampullospirinae
- W498 *Amauropsis* Morch, 1857
- W499 *islandicus* (Gmelin, 1791)
- W500 TONNACEA
- W501 Cassidae
- W502 *Galeodea* Link, 1807
- W503 *Galeodea (Galeodea)* Link, 1807
- W504 *echinophora* (Linnaeus, 1758)
- W505 *rugosa* (Linnaeus, 1771)
- W508 Ranellidae
- W509 Ranellinae
- W510 *Ranella* Lamarck, 1816
- W511 *olearium* (Linnaeus, 1758)
- W512 *Charonia* Gistel, 1848
- A southern species.  
Synonym: *Trivia europaea* (Montagu, 1808).
- A northern species.
- Synonyms: *Natica clausa* Broderip & Sowerby, 1829;  
*Tectonatica clausa*.  
Synonym: *Natica operculata*.
- Synonyms: *Euspira fusca*; *Lunatia fusca*; *Natica fusca*.  
Synonyms: *Euspira montagui*; *Lunatia montagui*; *Natica montagui*.  
Synonyms: *P. nitidus* auctt. non Donovan, 1804; *P. nanus* auctt. non Møller, 1842; *P. polianus* (delle Chiaje, 1827); *Euspira poliana*; *Lunatia alderi* (Forbes, 1838); *Lunatia poliana*; *Lunatia pulchella*; *Natica alderi*; *Natica intermedia* Philippi, 1836 non Deshayes, 1832.
- Synonyms: *Lunatia catena*; *Natica catena*; *Polinices catena*.  
Synonyms: *Lunatia pallida*; *Natica pallida*; *Polinices pallidus*.
- A northern species. Synonyms: *B. flavus* Gould, 1840; *B. smithii* Brown in Smith, 1839.
- A southern species. Synonym: *Cassidaria echinophora*.  
A southern species. Synonyms: *G. tyrrhena* (Gmelin, 1791); *Cassidaria tyrrhena*.  
Cymatidae.
- A southern species.



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| W513 | <i>lampas</i> (Linnaeus, 1758)                   | A southern species.  |
| W514 | Cymatiinae                                       |  |
| W515 | <i>Cymatium</i> Röding, 1798                     |  |
| W516 | <i>Cymatium (Cabestana)</i> Röding, 1798         |  |
| W517 | <i>cutaceum</i> (Linnaeus, 1767)                 | A southern species. Synonym: <i>Cabestana cutacea</i> .  |
| W518 | <i>Cymatium (Septa)</i> Perry, 1810              |  |
| W519 | <i>corrugatum</i> Lamarck, 1816                  |  |
| W520 | CARINARIACEA                                     | All species are pelagic.   |
| W521 | Carinariidae                                     |  |
| W522 | <i>Carinaria</i> Lamarck, 1801                   |  |
| W523 | <i>challengeri</i> Bonnevie, 1920                |  |
| W524 | <i>lamarckii</i> de Blainville, 1817             | Synonym: <i>C. mediterranea</i> (de Blainville, 1824).   |
| W525 | Pterotracheidae                                  |  |
| W526 | <i>Pterotrachea</i> Forsskål in Niebuhr, 1775    |  |
| W527 | <i>scutata</i> Gegenbaur, 1855                   |  |
| W528 | TRIPHORACEA                                      | See Bouchet (1985).  |
| W529 | Triphoridae                                      |  |
| W530 | Triphorinae                                      |  |
| W531 | <i>Cheirodonta</i> Marshall, 1983                |  |
| W532 | <i>pallescens</i> (Jeffreys, 1867)               | A southern species. Synonym: <i>Triphora pallescens</i> .  |
| W533 | <i>Marshallora</i> Bouchet, 1985                 |  |
| W534 | <i>adversa</i> (Montagu, 1803)                   | Synonyms: <i>Triphora adversa</i> ; <i>Triphora perversa</i> auctt. non <i>Trochus perversus</i> Linnaeus, 1758.   |
| W535 | <i>Similiphora</i> Bouchet, 1985                 |  |
| W536 | <i>similior</i> (Bouchet & Guillemot, 1978)      | Synonym: <i>Triphora similior</i> .  |
| W537 | Metaxiinae                                       |  |
| W538 | <i>Metaxia</i> Monterosato, 1884                 |  |
| W539 | <i>metaxa</i> (delle Chiaje, 1828)               | Synonyms: <i>Cerithiopsis metaxae</i> ([error]); <i>Cerithiopsis metaxa</i> .  |
| W540 | EPITONIACEA                                      |  |
| W541 | Epitoniidae                                      | See Bouchet & Warén (1986).  |
| W542 | Epitoniinae                                      |  |
| W543 | <i>Epitonium</i> Röding, 1798                    |  |
| W546 | <i>Epitonium (Boreoscala)</i> Kobelt, 1902       |  |
| W547 | <i>greenlandicum</i> (Perry, 1811)               | A northern species.  |
| W548 | <i>Epitonium (Clathrus)</i> Oken, 1815           | [non-binominal]  |
| W549 | <i>clathrus</i> (Linnaeus, 1758)                 | Synonym: <i>Clathrus clathrus</i> .  |
| W550 | <i>Epitonium (Gyroscala)</i> Boury, 1887         |  |
| W551 | <i>lamellosum</i> (Lamarck, 1822)                | Synonyms: <i>E. commutatum</i> (Monterosato, 1877); <i>Cirsotrema commutatum</i> .   |
| W552 | <i>Epitonium (Fuscoscala)</i> Monterosato, 1890  |  |
| W553 | <i>trevelyanum</i> (Johnston, 1841)              | Synonym: <i>Clathrus trevelyanus</i> (Johnston, 1841).   |
| W554 | <i>turtonis</i> (Turton, 1819)                   | Synonym: <i>Clathrus turtonis</i> .  |
| W555 | <i>Epitonium (Hyaloscala)</i> Boury, 1890        |  |
| W556 | <i>clathratulum</i> (Kanmacher in G Adams, 1798) | Synonym: <i>Clathrus clathratulus</i> .  |
| W558 | <i>Epitonium (Minutiscalia)</i> Boury, 1909      |  |
| W559 | <i>nanum</i> (Jeffreys, 1884)                    |  |
| W581 | Janthinidae                                      |  |
| W582 | <i>Janthina</i> Röding, 1798                     |  |
| W583 | <i>exigua</i> Lamarck, 1816                      | A southern species.  |
| W584 | <i>globosa</i> Swainson, 1822                    | A southern species. Synonym: <i>J. prolongata</i> (de Blainville, 1822).   |
| W585 | <i>janthina</i> (Linnaeus, 1758)                 |  |
| W586 | <i>pallida</i> Thompson, 1841                    | A southern species.  |
| W587 | Aclididae  |  |
| W588 | <i>Aclis</i> Lovén, 1846                         |  |
| W589 | <i>Aclis (Aclis)</i> Lovén, 1846                 |  |
| W590 | <i>ascaris</i> (Turton, 1819)                    |  |
| W591 | <i>minor</i> (Brown, 1827)                       | Synonym: <i>A. supranitida</i> S V Wood, 1842.   |
| W592 | <i>sarsi</i> (Dautzenberg & Fischer, 1912)       | Synonym: <i>A. walleri</i> auctt. non Jeffreys, 1867.  |
| W593 | <i>walleri</i> Jeffreys, 1867                    | Synonyms: <i>A. exigua</i> (G O Sars, 1878); ? <i>Aclis nisoides</i> (Brugnone, 1873).   |
| W594 | <i>Aclis (Pherusina)</i> Norman, 1888            |  |
| W595 | <i>gulsonae</i> (Clark, 1850)                    | Synonym: <i>Pherusina gulsonae</i> .   |
| W596 | <i>Graphis</i> Jeffreys, 1867                    |  |
| W597 | <i>albida</i> (Kanmacher in G Adams, 1798)       |  |
| W598 | EULIMACEA  |  |
| W599 | Eulimidae  | See Bouchet & Warén (1986). Includes Stiliferidae.   |
| W600 | <i>Crinophtheiros</i> Bouchet & Warén, 1986      |  |
| W601 | <i>collinsi</i> (Sykes, 1903)                    | Synonyms: <i>Balcis collinsi</i> ; <i>Eulima collinsi</i> ; <i>Eulima philippi</i> var. <i>monterosatoi</i> Marshall, 1901 non Monterosato, 1890; <i>Vitreolina collinsi</i> . |
| W602 | <i>Eulima</i> Risso, 1826                        |  |
| W603 | <i>bilineata</i> Alder, 1848                     | Synonyms: <i>E. trifasciata</i> (auctt. non J Adams, 1800); <i>Leiostraca bilineata</i> ; <i>Strombiformis bilineatus</i> .  |
| W604 | <i>glabra</i> (da Costa, 1778)                   | Synonyms: <i>Leiostraca subulata</i> (Donovan, 1802); <i>Strombiformis glaber</i> ; ? <i>Turbo laevis</i> Pennant, 1777.   |
| W605 | <i>Bathycrinicola</i> Bouchet & Warén, 1986      |  |
| W606 | <i>curta</i> (Warén, 1972)                       | A northern species.  |
| W615 | <i>Enteroxenos</i> Bonnevie, 1902                |  |
| W616 | <i>ostergreni</i> Bonnevie, 1902                 | Synonym: <i>E. oestergreni</i> ([error]).  |
| W620 | <i>Fuscapedex</i> Warén, 1981                    |  |
| W623 | <i>talismani</i> Bouchet & Warén, 1986           |  |
| W626 | <i>Haliella</i> Monterosato, 1878                |  |
| W627 | <i>stenostoma</i> (Jeffreys, 1858)               | Synonym: <i>Eulima stenostoma</i> .  |
| W630 | <i>Hemiaclis</i> G O Sars, 1878                  |  |
| W631 | <i>obtusa</i> Bouchet & Warén, 1986              |  |
| W632 | <i>ventrosa</i> G O Sars, 1878                   | Synonyms: <i>Hemiaclis glabra</i> G O Sars, 1878; <i>Aclis ventrosa</i> .  |
| W633 | <i>Melanella</i> Bowdich, 1822                   |  |
| W634 | <i>alba</i> (da Costa, 1778)                     | Synonyms: <i>Balcis alba</i> ; <i>Eulima polita</i> auctt. non Linnaeus,   |

- W636 *compactilis* (Sykes, 1903)  
 W638 *frielei* (Jordan, 1895)  
 W642 *lubrica* (Monterosato, 1890)  
 W656 *Pelseneeria* Kohler & Vaney, 1908  
 W657 *stylifera* (Turton, 1825)  
 W658 *Polygireulima* Sacco, 1892  
 W659 *monterosatoi* (Monterosato, 1890)  
 W660 *polita* (Linnaeus, 1758)  
 W665 *Vitreolina* Monterosato, 1884  
 W666 *curva* (Monterosato, 1874)  
 W667 *dautzenbergi* (Pallary, 1900)  
 W668 *petitiana* (Brusina, 1869)  
 W669 *philippi* (Rayneval & Ponzi, 1854)  
 W670 **NEOGASTROPODA**  
 W671 **MURICACEA**  
 W672 **Muricidae**  
 W673 **Muricinae**  
 W674 *Trophon* Montfort, 1810  
 W675 *barvicensis* (Johnston, 1825)  
 W676 *clathratus* (Linnaeus, 1767)  
 W677 *clavatus* (G O Sars, 1878)  
 W678 *fabricii* (Møller, 1842)  
 W679 *muricatus* (Montagu, 1803)  
 W680 *truncatus* (Ström, 1768)  
 W682 **Ocenebrinae**  
 W684 *Ocenebra* J E Gray, 1847  
 W685 *erinacea* (Linnaeus, 1758)  
 W686 *Nucella* Röding, 1798  
 W687 *lapillus* (Linnaeus, 1758)  
 W688 *Ocenebrina* Jousseau, 1880  
 W689 *aciculata* (Lamarck, 1822)  
 W690 *Urosalpinx* Stimpson, 1865  
 W691 *cinerea* (Say, 1822)  
 W697 **Turbinellidae**  
 W698 **Vasinae**  
 W699 *Metzgeria* Norman, 1879  
 W700 *alba* (Jeffreys in Thomson, 1873 )  
 W702 **Buccinidae**  
 W703 **Buccininae**  
 W704 *Buccinum* Linnaeus, 1758  
 W706 *humphreysianum* Bennett, 1824  
 W707 *oblitum* Sykes, 1911  
 W708 *undatum* Linnaeus, 1758  
 W711 *Beringius* Dall, 1887  
 W712 *turtoni* (Bean, 1834)  
 W713 *Colus* Röding, 1798  
 W714 *Colus* (*Colus*) Röding, 1798  
 W715 *gracilis* (da Costa, 1778)  
 W716 *islandicus* (Mohr, 1786)  
 W717 *jeffreysianus* (P Fischer, 1868)  
 W718 *Colus* (*Siphonorbis*) Morch, 1869  
 W719 *sabini* (J E Gray, 1824)  
 W724 *Mohnia* Friele in Kobelt, 1878  
 W725 *mohni* (Friele, 1877)  
 W726 *Neptunea* Röding, 1798  
 W727 *antiqua* (Linnaeus, 1758)  
 W733 *Turrisipho* Dautzenberg & Fischer, 1911  
 1758; *Strombiformis albus*.  
 Synonyms: *Balcis compactilis*; *Eulima compactilis*; *Eulima ephamilla* Marshall, 1901 non Watson, 1875.  
 Synonyms: *Balcis frielei*; *Eulima anceps* Marshall 1911; *Balcis anceps*.  
 Synonyms: *Balcis lubrica*; *Eulima intermedia* auctt. non Cantraine, 1835; *Balcis intermedia*.  
 Synonyms: *Balcis distorta* var. *gracilis* Forbes & Hanley, 1850 non *Eulima gracilis* C B Adams, 1850; *Eulima distorta* var. *gracilis*; *Balcis monterosatoi*; *Eulima monterosatoi*; *Eulima philippi* var. *gracilis*; *Eulima philippi* var. *monterosatoi*.  
 Synonyms: *Balcis sinuosa* (Scacchi, 1836); *Eulima sinuosa*; *Eulima pernula* (Monterosato, 1890); *Eulima polita*; *Melanella intermedia* (Cantraine, 1835).  
 Synonyms: *Balcis curva*; *Balcis distorta* var. *tumidosa* Marshall, 1890; *Eulima curva*; *Eulima distorta* var. *tumidosa*.  
 Synonyms: *Balcis petitiana*; *Eulima petitiana*.  
 Synonyms: *Balcis devians* (Monterosato, 1884); *Balcis distorta* auctt. non *Melania distorta* Deshayes in DeFrance, 1823; *Eulima distorta*; *Eulima incurva* auctt. non *Eulima incurva* Bucquoy, Dautzenberg & Dollfus, 1882; *Eulima philippi*.  
*Boreotrophon*, *Nipponitrophon* and *Trophonopsis* are treated here as synonyms of *Trophon*.  
 Synonym: *Trophonopsis barvicensis*.  
 Synonyms: *T gunneri* (Lovén, 1846); *Boreotrophon clathratus*; *Trophonopsis clathratus*.  
 A northern species. Synonym: *Trophonopsis clavatus*.  
 A northern species. Synonyms: *T craticulatus* (O Fabricius, 1780) non Linnaeus, 1758; *Nipponitrophon fabricii*.  
 Synonym: *Trophonopsis muricatus*.  
 Synonyms: *Boreotrophon truncatus*; *Trophonopsis truncatus*.  
 See Kool (1993).  
 Littoral.  
 Synonyms: *M. albella* Dunker & Metzger, 1874; *M. pusilla* G O Sars, 1878.  
 Synonym: *B. striatum* (Jeffreys in Thomson, 1873 non O F Müller, 1774).  
 Synonyms: *B. cyaneum* Bruguière, 1792; *B. glaciale* Linnaeus, 1761; *B. hydrophanum* Hancock, 1846; *B. parvulum* Kobelt, 1876. These, and some other named deep-water forms, have been accepted by some authors as separate species; as their status is unresolved, they are provisionally treated here as synonyms of *B. undatum*.  
 Synonyms: *B. ossiania* Friele, 1879; *B. ossiani* [error].  
 Synonym: *Sipho turgidulus* var. *minor* Thorson, 1944.  
 Synonyms: *C. attenuatus* Jeffreys, 1877 non Philippi, 1847; *C. howsei* Marshall, 1902; *C. propinquus* Alder, 1848 non Goldfuss, 1844; *C. torrus* Locard, 1897; ? *Colus pygmaeus* auctt. non Gould, 1841; *Colus tortuosus attenuatus* non Reeve, 1855; *Fusus consimilis* Marshall, 1902; *Parvisipho pupoides* (Locard, 1897).  
 Synonyms: *C. turgidulus hanseni* (Friele, 1879) non Friele, 1877; *C. ebur* (Morch, 1869); *C. hirsutus* (Jeffreys, 1883); *C. togatus* (Morch, 1869); *Siphonorbis ebur*; *Siphonorbis togatus*.  
 Synonyms: *M. concinnus* Jeffreys, 1883; *Colus concinnus*.  
 Synonym: *N. contraria* auctt. non Linnaeus, 1771.

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| W734 | <i>dalli</i> (Friele in Tryon, 1881)                     | A northern species. Synonyms: <i>Colus dalli</i> ; <i>Sipho dalli</i> .   |
| W735 | <i>fenestratus</i> (Turton, 1834)                        | Synonyms: <i>Colus fenestratus</i> ; <i>Siphonorbis ecaudis</i> (Locard, 1897); <i>Siphonorbis fenestratus</i> ; <i>Siphonorbis fusiformis</i> (Broderip, 1830) non <i>Buccinum fusiforme</i> Borson, 1820; <i>Siphonorbis peregre</i> [sic Nordsieck] (Locard, 1897)                     |
| W736 | Volutopsiinae  |   |
| W737 | <i>Volutopsius</i> Morch, 1857                           |   |
| W738 | <i>norvegicus</i> (Gmelin, 1791)                         | Synonym: <i>V. norvegicus</i> [error].  |
| W739 | Eburninae  |   |
| W740 | <i>Chauvetia</i> Monterosato, 1884                       |   |
| W741 | <i>brunnea</i> (Donovan, 1804)                           | A southern species. Synonym: <i>C. minima</i> Montagu, 1803 non Berkenhout, 1795.   |
| W742 | Nassariinae  |   |
| W743 | <i>Hinia</i> J E Gray, 1847                              |   |
| W744 | <i>Hinia (Hinia)</i> J E Gray, 1847                      |   |
| W745 | <i>reticulata</i> (Linnaeus, 1758)                       | Synonym: <i>Nassarius reticulatus</i> .   |
| W746 | <i>Hinia (Hima)</i> Leach, 1852                          |   |
| W747 | <i>incrassata</i> (Ström, 1768)                          | Synonym: <i>Nassarius incrassatus</i> .   |
| W748 | <i>pygmaea</i> (Lamarck, 1822)                           | Synonyms: <i>H. varicosa</i> Turton, 1825; <i>Nassarius pygmaeus</i> .  |
| W757 | Volutomitridae   |   |
| W758 | <i>Volutomitra</i> H & A Adams, 1853                     |   |
| W759 | <i>groenlandica</i> (Møller, 1842)                       |   |
| W770 | CONACEA  |   |
| W771 | Turridae   |   |
| W772 | Drilliinae   |   |
| W775 | <i>Haedropleura</i> Bucquoy, Dautzenberg & Dollfus, 1883 |   |
| W776 | <i>septangularis</i> (Montagu, 1803)                     | Synonym: <i>Bellaspira septangularis</i> .  |
| W779 | Cochlespirinae   |   |
| W780 | <i>Bathybela</i> Kobelt, 1905                            |   |
| W781 | <i>nudator</i> (Locard, 1897)                            |   |
| W788 | Borsoniinae  |   |
| W792 | <i>Typhlomangelia</i> G O Sars, 1878                     |   |
| W793 | <i>nivalis</i> (Lovén, 1846)                             |   |
| W794 | Mangeliinae  |   |
| W795 | <i>Mangelia</i> Risso, 1826                              |   |
| W796 | <i>Mangelia (Mangelia)</i> Risso, 1826                   |   |
| W797 | <i>attenuata</i> (Montagu, 1803)                         | Synonym: <i>M. striolata</i> Risso, 1826.   |
| W798 | <i>brachystoma</i> (Philippi, 1844)                      |   |
| W800 | <i>Mangelia (Bela)</i> J E Gray, 1847                    |   |
| W801 | <i>nebula</i> (Montagu, 1803)                            | Synonyms: <i>M. costulata</i> Risso, 1826; <i>Bela nebula</i> .   |
| W802 | <i>powisiana</i> (Dautzenberg, 1887)                     | Synonyms: <i>M. laevigata</i> ; <i>Bela laevigata</i> (Philippi, 1836) non J de C Sowerby, 1823; <i>Bela powisiana</i> .  |
| W803 | <i>Mangelia (Cytharella)</i> Monterosato, 1875           |   |
| W804 | <i>coarctata</i> (Forbes, 1840)                          | Synonyms: <i>Cytharella coarctata</i> ; <i>Cytharella costata</i> (Donovan, 1803) non <i>Murex costatus</i> Pennant, 1777. Synonyms: <i>Mangelia derelicta</i> (Reeve, 1846); <i>Cythara rugulosa (derelicta [error])</i> ; <i>Cytharella rugulosa</i> .                                  |
| W805 | <i>rugulosa</i> (Philippi, 1844)                         |   |
| W806 | <i>Mangelia (Smithiella)</i> Monterosato, 1890           |   |
| W807 | <i>smithii</i> (Forbes, 1840)                            | Synonyms: <i>M. costulata</i> de Blainville, 1829 non Risso, 1826; <i>M. striolata</i> Scacchi, 1836 non Risso, 1826; <i>M. wareni</i> Piani, 1980; <i>Cytharella smithii</i> .   |
| W812 | <i>Oenopota</i> Morch, 1852                              |   |
| W819 | <i>rufa</i> (Montagu, 1803)                              | Synonym: <i>Lora rufa</i> .   |
| W823 | <i>trevelliana</i> (Turton, 1834)                        | Synonym: <i>Lora trevelliana</i> .  |
| W824 | <i>turricula</i> (Montagu, 1803)                         | Synonyms: <i>Lora turricula</i> ; <i>Propebela turricula</i> .  |
| W826 | Daphnellinae   |   |
| W827 | <i>Cenodagreutes</i> E H Smith, 1967                     |   |
| W828 | <i>aethus</i> E H Smith, 1967                            |   |
| W829 | <i>coccyginus</i> E H Smith, 1967                        |   |
| W830 | <i>Comarmondia</i> Monterosato, 1884                     |   |
| W831 | <i>gracilis</i> (Montagu, 1803)                          |   |
| W858 | <i>Raphitoma</i> Bellardi, 1847                          |   |
| W859 | <i>Raphitoma (Raphitoma)</i> Bellardi, 1847              |   |
| W860 | <i>echinata</i> (Brocchi, 1814)                          | Synonyms: <i>R. asperrima</i> ; <i>Philbertia asperrima</i> (Brown, 1827); <i>Philbertia reticulata</i> (Renier, 1804) [ICZN suppressed].   |
| W861 | <i>linearis</i> (Montagu, 1803)                          | Synonym: <i>Philbertia linearis</i> .   |
| W862 | <i>purpurea</i> (Montagu, 1803)                          | Synonyms: <i>R. servaini</i> ; <i>Philbertia purpurea</i> ; <i>Philbertia servaini</i> (Locard, 1891).  |
| W863 | <i>Raphitoma (Leufroyia)</i> Monterosato, 1884           |   |
| W864 | <i>boothii</i> (Brown in J Smith, 1839)                  | Synonyms: <i>R. leufroyi</i> ; ? <i>Cenodagreutes aethus</i> E H Smith, 1967; ? <i>Cenodagreutes coccyginus</i> E H Smith, 1967; <i>Philbertia leufroyi</i> auctt. non Michaud, 1828.   |
| W867 | <i>Teretia</i> Norman, 1888                              |   |
| W868 | <i>anceps</i> (Eichwald, 1830)                           | Synonyms: <i>T. teres</i> Reeve, 1844; <i>Philbertia anceps</i> .   |
| W869 | <i>Thesbia</i> Jeffreys, 1867                            |   |
| W870 | <i>nana</i> (Lovén, 1846)                                |   |
| W878 | HETEROSTROPHA  |   |
| W879 | VALVATACEA   |   |
| W880 | Cornirostridae   |   |
| W881 | <i>Noerrevangia</i> Warén & Schander, 1993               |   |
| W882 | <i>fragilis</i> Warén & Schander, 1993                   | A northern species. See Warén <i>et al.</i> (1993).   |
| W883 | ARCHITECTONICACEA  |   |
| W884 | Omalaxidae   |   |
| W885 | <i>Omalaxis</i> Deshayes, 1832                           |   |
| W886 | <i>supranitidus</i> (S V Wood, 1842)                     |   |
| W887 | RISSOELLACEA   | Graham (1988) retained the Rissoellidae and Omalogyridae within the Rissoacea, even though it had long been suspected that they had opisthobranch affinities. With the removal of the Omalogyridae to a separate superfamily by Ponder & Warén (1988) only the Rissoellidae remain in the |

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|      |  | Rissoellacea.  |
| W888 | Rissoellidae   |  |
| W889 | <i>Rissoella</i> J E Gray, 1847                                      |  |
| W890 | <i>Rissoella (Rissoella)</i> J E Gray, 1847                          |  |
| W891 | <i>diaphana</i> (Alder, 1848)  | Littoral.  |
| W892 | <i>Rissoella (Jeffreysina)</i> Thiele, 1925                          |  |
| W893 | <i>globularis</i> (Forbes & Hanley, 1852)                            | Littoral.  |
| W894 | <i>opalina</i> (Jeffreys, 1848)                                      | Littoral.  |
| W895 | Cimidae  |  |
| W896 | <i>Cima</i> Chaster, 1896  |  |
| W897 | <i>minima</i> (Jeffreys, 1858)                                       |  |
| W898 | OMALOGYRACEA   |  |
| W899 | Omalogyridae   |  |
| W900 | <i>Omalogyra</i> Jeffreys, 1860                                      |  |
| W901 | <i>atomus</i> (Philippi, 1841)                                       |  |
| W903 | <i>Ammonicerina</i> O G Costa, 1861                                  |  |
| W904 | <i>rota</i> (Forbes & Hanley, 1850)                                  | Synonym: <i>A. fischeriana</i> Monterosato, 1869.  |
| W905 | PYRAMIDELLACEA   |  |
| W906 | Pyramidellidae   |  |
| W907 | Odostomiinae   |  |
| W908 | <i>Odostomia</i> Fleming, 1813                                       |  |
| W909 | <i>acuta</i> Jeffreys, 1848  |  |
| W910 | <i>acuta</i> var. <i>umbilicaris</i> (Malm, 1863)                    | A southern form.   |
| W911 | <i>angusta</i> Jeffreys, 1867  |  |
| W912 | <i>glabrata</i> Forbes & Hanley, 1850                                | A southern species. Synonym: <i>O. megerlei</i> (Locard, 1886).  |
| W913 | <i>plicata</i> (Montagu, 1803)                                       |  |
| W914 | <i>striolata</i> Forbes & Hanley, 1850                               |  |
| W915 | <i>turrita</i> Hanley, 1844  |  |
| W916 | <i>unidentata</i> (Montagu, 1803)                                    |  |
| W917 | <i>unidentata</i> var. <i>albella</i> (Lovén, 1846)                  |  |
| W918 | <i>unidentata</i> var. <i>turgida</i> G O Sars, 1878                 | A northern form.   |
| W919 | <i>Brachystomia</i> Monterosato, 1884                                |  |
| W920 | <i>carozzai</i> (Aartsen, 1987)                                      | Synonyms: <i>B. albella</i> auctt. non Lovén, 1846; <i>Odostomia albella</i> ; <i>Odostomia carozzai</i> .   |
| W921 | <i>electa</i> (Jeffreys, 1883)                                       | Synonyms: <i>Menestho electa</i> ; <i>Odostomia electa</i> .   |
| W922 | <i>eulimoides</i> (Hanley, 1844)                                     | Synonyms: ? <i>Odostomia ambigua</i> (Maton & Rackett, 1807); <i>Odostomia eulimoides</i> ; <i>Odostomia pallida</i> (Montagu, 1803).  |
| W923 | <i>eulimoides</i> var. <i>alba</i> (Jeffreys, 1848)                  |  |
| W924 | <i>lukisii</i> (Jeffreys, 1859)                                      | Synonym: <i>Odostomia lukisii</i> .  |
| W925 | <i>scalaris</i> (Macgillivray, 1843)                                 | Synonyms: <i>B. rissoides</i> Hanley, 1844; <i>Odostomia rissoides</i> ; <i>Odostomia scalaris</i> non Philippi, 1836.   |
| W926 | <i>scalaris</i> var. <i>nitida</i> Alder, 1844                       |  |
| W928 | <i>Chrysallida</i> Carpenter, 1857                                   | See Linden & Eikenboom (1992).   |
| W929 | <i>Chrysallida (Besla)</i> Dall & Bartsch, 1904                      |  |
| W930 | <i>sarsi</i> Nordsieck, 1972   |  |
| W931 | <i>Chrysallida (Parthenina)</i> Bucquoy, Dautzenberg & Dollfus, 1883 |  |
| W932 | <i>clathrata</i> (Jeffreys, 1848)                                    |  |
| W933 | <i>decussata</i> (Montagu, 1803)                                     |  |
| W934 | <i>eximia</i> (Jeffreys, 1849)                                       |  |
| W935 | <i>indistincta</i> (Montagu, 1808)                                   |  |
| W936 | <i>intermixta</i> (Monterosato, 1884)                                |  |
| W937 | <i>interstincta</i> (J Adams, 1797)                                  | Neotype designated by Warén (1991). Synonyms: <i>C. obtusa</i> (Brown, 1827); <i>C. suturalis</i> auctt. non Philippi, 1844.   |
| W938 | <i>sigmoidea</i> (Monterosato, 1880)                                 | A southern species, French coasts only. Synonym: <i>Turbonilla sigmoidea</i> .   |
| W939 | <i>simulans</i> (Chaster, 1898)                                      | A southern species.  |
| W940 | <i>terebellum</i> (Philippi, 1844)                                   | A southern species.  |
| W943 | <i>Folinella</i> Dall & Bartsch, 1904                                |  |
| W944 | <i>excavata</i> (Philippi, 1836)                                     | Synonyms: <i>Chrysallida excavata</i> (Philippi, 1836); <i>Ividella excavata</i> (Philippi, 1836).   |
| W945 | <i>Jordaniella</i> Chaster, 1898                                     |  |
| W946 | <i>nivosa</i> (Montagu, 1803)  | Synonyms: <i>Odostomia nivosa</i> .  |
| W947 | <i>truncatula</i> (Jeffreys, 1850)                                   | Synonyms: <i>Menestho truncatula</i> ; <i>Odostomia truncatula</i> .   |
| W948 | <i>Liostomia</i> G O Sars, 1874                                      |  |
| W949 | <i>afzelli</i> Warén, 1991   |  |
| W950 | <i>clavula</i> (Lovén, 1846)   | Synonym: <i>L. clavula</i> auctt. non Lovén, 1846.<br>Synonyms: <i>Liostomia brugnonesi</i> ([error]); <i>Liostomia brugnonesi</i> (Monterosato, 1874); <i>Liostomia pistillus</i> ([sic] Brugnonesi, 1873 non J Adams, 1862); <i>Menestho clavula</i> (Lovén, 1846); <i>Odostomia clavula</i> (Lovén, 1846); <i>Odostomia pistillus</i> . |
| W951 | <i>Megastomia</i> Monterosato, 1884                                  |  |
| W952 | <i>conoidea</i> (Brocchi, 1814)                                      | Synonym: <i>Odostomia conoidea</i> .   |
| W954 | <i>conspicua</i> (Alder, 1850)                                       | Synonym: <i>Odostomia conspicua</i> .  |
| W955 | <i>Noemiamea</i> Folin, 1886   |  |
| W956 | <i>dolioliformis</i> (Jeffreys, 1848)                                | Synonym: <i>Menestho dolioliformis</i> .   |
| W957 | <i>Ondina</i> Folin, 1870  |  |
| W958 | <i>coarctata</i> (G O Sars, 1878)                                    | A northern species. Synonym: <i>Menestho coarctata</i> .   |
| W959 | <i>diaphana</i> (Jeffreys, 1848)                                     | Synonyms: <i>O. perezii</i> (Dautzenberg & Fischer, 1925); <i>Evalea diaphana</i> ; <i>Liostoma oblongula</i> (Marshall, 1895); <i>Menestho oblongula</i> ; <i>Odostomia oblongula</i> ; <i>Odostomia perezii</i> .  |
| W960 | <i>divisa</i> (J Adams, 1797)  | Synonyms: <i>O. insculpta</i> Montagu, 1808; <i>Evalea divisa</i> ; <i>Menestho divisa</i> ; <i>Odostomia insculpta</i> (Montagu, 1808).   |
| W961 | <i>normani</i> (Friele, 1886)  | A northern species. Synonyms: <i>Menestho normani</i> ; <i>Odostomia normani</i> ; <i>Odostomia normanni</i> [error]; <i>Toledonia normani</i> .   |
| W962 | <i>obliqua</i> (Alder, 1844)   | Synonyms: <i>Evalea obliqua</i> (Alder, 1844); <i>Menestho obliqua</i> (Alder, 1844).  |
| W963 | <i>warreni</i> (Thompson, 1845)                                      | Synonyms: <i>Evalea warreni</i> (Thompson, 1845); <i>Menestho warreni</i> (Thompson, 1845).  |
| W964 | <i>Partulida</i> Schaufuss, 1869                                     |  |
| W965 | <i>pellucida</i> (Dillwyn, 1817)                                     | Synonyms: <i>P. spiralis</i> (Montagu, 1803) non Poiret, 1801;   |

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| W966  | <i>Tragula</i> Monterosato, 1884                                | <i>Chrysallida spiralis</i> .  |
| W967  | <i>fenestrata</i> (Jeffreys, 1848)                              | Synonym: <i>Chrysallida fenestrata</i> ; <i>Turbonilla fenestrata</i> .  |
| W968  | Turbonillinae   |  |
| W969  | <i>Turbonilla</i> Risso, 1826                                   |  |
| W970  | <i>Turbonilla</i> ( <i>Turbonilla</i> ) Risso, 1826             |  |
| W971  | <i>lactea</i> (Linnaeus, 1758)                                  | Synonym: <i>T elegantissima</i> Montagu, 1803.   |
| W972  | <i>Turbonilla</i> ( <i>Cylindriturbonilla</i> ) Nordsieck, 1972 | See Aartsen (1981) for discussion of the name <i>Turbonilla acuta</i> Donovan and a definition of the sense in which it is used here. Synonym: ? <i>T verticalis</i> Marshall, 1900.   |
| W973  | <i>acuta</i> (Donovan, 1804)                                    |  |
| W974  | <i>Turbonilla</i> ( <i>Cyrtoturbonilla</i> ) Nordsieck, 1972    |  |
| W975  | <i>pumila</i> Seguenza, 1876                                    | See Corgan & Aartsen (1993). Synonyms: <i>T innovata</i> Monterosato, 1884; <i>T pusilla</i> (Jeffreys, 1867) non Philippi, 1844.  |
| W976  | <i>pusilla</i> (Philippi, 1844)                                 | A southern species. Synonym: <i>Odostomia pusilla</i> .  |
| W977  | <i>Turbonilla</i> ( <i>Dunkeria</i> ) Carpenter, 1857           | Synonym: <i>T scalaris</i> Philippi, 1836 non Spix in Wagner, 1827.  |
| W978  | <i>jeffreysii</i> (Jeffreys, 1848)                              |  |
| W979  | <i>rufescens</i> (Forbes, 1846)                                 |  |
| W980  | <i>Turbonilla</i> ( <i>Graciliturbonilla</i> ) Nordsieck, 1972  | Synonym: <i>T gracilis</i> Philippi, 1844 non Brocchi, 1814.   |
| W981  | <i>delicata</i> (Monterosato, 1874)                             |  |
| W984  | <i>Turbonilla</i> ( <i>Pyrgiscus</i> ) Philippi, 1841           | Synonyms: <i>T fulvocincta</i> (Thompson, 1840); <i>T interrupta</i> auctt. non Totten, 1835; <i>T rufa</i> (Philippi, 1836). Possibly a synonym of <i>Turbonilla crenata</i> .  |
| W985  | <i>crenata</i> (Brown, 1827)                                    |  |
| W986  | <i>formosa</i> (Jeffreys, 1848)                                 |  |
| W987  | <i>Turbonilla</i> ( <i>Striarcana</i> ) Laws, 1937              | A southern species.  |
| W988  | <i>multilirata</i> (Monterosato, 1875)                          |  |
| W989  | Eulimellinae  |  |
| W990  | <i>Eulimella</i> Forbes & McAndrew, 1846                        | Synonym: <i>E. acicula</i> Philippi, 1836.   |
| W991  | <i>Eulimella</i> ( <i>Eulimella</i> ) Forbes & McAndrew, 1846   | Synonym: <i>E. macandrei</i> Forbes, 1844.   |
| W992  | <i>laevis</i> (Brown, 1827)                                     | Synonym: <i>E. gracilis</i> Jeffreys, 1847.  |
| W993  | <i>scillae</i> (Scacchi, 1835)                                  | See Warén (1994).  |
| W994  | <i>ventricosa</i> (Forbes, 1844)                                |  |
| W995  | Ebalidae  |  |
| W996  | <i>Ebala</i> J E Gray, 1847                                     |  |
| W997  | <i>nitidissima</i> (Montagu, 1803)                              | Synonyms: <i>Anisocycla nitidissima</i> (Montagu, 1803); <i>Eulimella nitidissima</i> (Montagu, 1803). See Warén (1991).   |
| W998  | Tjaernoidea   |  |
| W999  | <i>Tjaernoëia</i> Warén & Bouchet, 1988                         |  |
| W1000 | <i>exquisita</i> (Jeffreys, 1883)                               | Synonyms: <i>T monterosati</i> Warén & Bouchet, 1988 non G Grillo, 1877; <i>Adeorbis exquisitus</i> ; <i>Adeorbis imperspicuus</i> Chaster, 1895; <i>Cyclostrema millepunctata</i> [sic] Chaster, 1893 non Friele, 1886; <i>Daronia exquisita</i> ; <i>Skenea exquisita</i> ; <i>Skenea millipunctata</i> auctt.; <i>Tomus imperspicuus</i> . Synonyms: <i>Adeorbis unisulcatus</i> ; <i>Daronia unisulcata</i> ; <i>Tomus unisulcatus</i> . |
| W1001 | <i>unisulcata</i> (Chaster, 1897)                               |  |
| W1002 | <b>CEPHALASPIDEA</b>  |  |
| W1003 | <b>ACTEONACEA</b>   |  |
| W1004 | Acteonidae  |  |
| W1005 | <i>Acteon</i> Montfort, 1810                                    |  |
| W1006 | <i>tomatilis</i> (Linnaeus, 1758)                               |  |
| W1015 | <b>PHILINACEA</b>   |  |
| W1016 | Scaphandridae   |  |
| W1017 | <i>Scaphander</i> Montfort, 1810                                |  |
| W1018 | <i>Scaphander</i> ( <i>Scaphander</i> ) Montfort, 1810          |  |
| W1019 | <i>lignarius</i> (Linnaeus, 1758)                               |  |
| W1021 | <i>Roxania</i> J E Gray, 1847                                   |  |
| W1023 | <i>utriculus</i> (Brocchi, 1814)                                |  |
| W1024 | Cylichnidae   |  |
| W1025 | <i>Cylichna</i> Lovén, 1846                                     |  |
| W1026 | <i>Cylichna</i> ( <i>Cylichna</i> ) Lovén, 1846                 |  |
| W1028 | <i>cylindracea</i> (Pennant, 1777)                              |  |
| W1035 | Philinidae  |  |
| W1036 | <i>Philine</i> Ascanius, 1772                                   |  |
| W1037 | <i>Philine</i> ( <i>Philine</i> ) Ascanius, 1772                |  |
| W1038 | <i>aperta</i> (Linnaeus, 1767)                                  |  |
| W1039 | <i>catena</i> (Montagu, 1803)                                   |  |
| W1040 | <i>finmarchica</i> M Sars, 1858                                 | Synonym: <i>P cingulata</i> (G O Sars, 1878).  |
| W1041 | <i>intricata</i> Monterosato, 1884                              | A southern species, French coasts only. See Linden (1994).   |
| W1042 | <i>lima</i> (Brown, 1827)                                       |  |
| W1043 | <i>punctata</i> (J Adams, 1800)                                 | Synonyms: <i>P. alata</i> ; <i>Colpodaspis punctata</i> ; <i>Ossiania alata</i> (Forbes 1844)  |
| W1044 | <i>quadrata</i> (S V Wood, 1839)                                |  |
| W1045 | <i>scabra</i> (O F Müller, 1784)                                |  |
| W1046 | <i>striatula</i> Monterosato, 1874                              | A southern species.  |
| W1047 | <i>Philine</i> ( <i>Laona</i> ) A Adams, 1865                   |  |
| W1048 | <i>pruinosa</i> (Clark, 1827)                                   |  |
| W1049 | <i>Philine</i> ( <i>Philinorbis</i> ) Habe, 1950                |  |
| W1050 | <i>angulata</i> (Jeffreys, 1867)                                | Synonyms: <i>Ossiania angulata</i> ; <i>Philinorbis angulatus</i> .  |
| W1051 | <i>denticulata</i> (J Adams, 1800)                              | Synonyms: <i>P nitida</i> Jeffreys, 1867; <i>P sinuata</i> Stimpson, 1850; <i>Philinorbis sinuatus</i> .   |
| W1052 | <b>DIAPHANACEA</b>  |  |
| W1053 | Diaphanidae   |  |
| W1054 | <i>Diaphana</i> Brown, 1827                                     |  |
| W1055 | <i>Diaphana</i> ( <i>Diaphana</i> ) Brown, 1827                 |  |
| W1057 | <i>expansa</i> (Jeffreys, 1865)                                 |  |
| W1059 | <i>minuta</i> Brown, 1827                                       | Synonyms: <i>D. debilis</i> (Gould, 1840); <i>D. globosa</i> (Lovén, 1846); <i>D. hiemalis</i> (Couthouy, 1839); <i>D. hyalina</i> (Turton, 1843); <i>D. tomliniana</i> (Marshall, 1912); <i>D. vitrea</i> (M Sars, 1870); <i>Utriculus tomlinianus</i> ; <i>Utriculus vitreus</i> .   |

- W1060 *Colpodaspis* M Sars, 1870  
W1061 *pusilla* M Sars, 1870  
W1062 *Rhinodiaphana* Lemche, 1967  
W1063 *ventricosa* (Jeffreys, 1865)  
W1064 BULLACEA  
W1065 Haminoeidae  
W1066 Haminoeinae  
W1067 *Haminoea* Turton & Kingston in Carrington, 1830  
W1068 *hydatis* (Linnaeus, 1758) A southern/Lusitanian species. Synonym: *H. elegans* Leach, 1852.  
W1069 *navicula* (da Costa, 1778)  
W1072 RETUSACEA  
W1073 Retusidae  
W1074 *Retusa* Brown, 1827  
W1075 *Retusa* (*Retusa*) Brown, 1827  
W1077 *obtusa* (Montagu, 1803)  
W1078 *obtusa* var. *lajonkaireana* (Basterot, 1825)  
W1079 *obtusa* var. *turrita* Møller, 1842  
W1080 *truncatula* (Bruguière, 1792)  
W1081 *truncatula* var. *mammillata* (Philippi, 1836) Synonyms: *Mamilloretusa mammillata*; *Mamilloretusa mamillata* [error].  
W1082 *Retusa* (*Cylichnina*) Monterosato, 1884  
W1083 *umbilicata* (Montagu, 1803) Synonym: *Cylichnina subcylindrica* (Brown, 1827).  
W1084 *umbilicata* var. *nitidula* (Montagu, 1803) Synonyms: *Cylichnina nitidula* (Lovén, 1846); *Cylichnina nitidula*.  
W1088 *Rhizorus* Montfort, 1810  
W1089 *acuminatus* (Bruguière, 1792) Synonym: *Volvulella acuminata*.  
W1090 RUNCINACEA  
W1091 Runcinidae  
W1092 Runcininae  
W1093 *Runcina* Forbes in Forbes & Hanley, 1851  
W1094 *coronata* (Quatrefages, 1844)  
W1095 *ferruginea* Kress, 1977 A southern species.  
W1096 ACOCHLIDIOIDEA Disagreement as to whether the Philinoglossidae should be here or in the Philinacea. This follows Rankin (1979), the most recent assessment of the classification of this Order.  
W1097 HEDYLOPSACEA  
W1098 Hedylopsidae  
W1099 *Hedylopsis* Thiele, 1931  
W1100 *brambelli* Swedmark, 1968  
W1101 *loricata* Swedmark, 1968 A southern/Lusitanian species.  
W1102 *spiculifera* (Kowalevsky, 1901) Synonym: *H. suecica* Odhner, 1937.  
W1103 Microhedyllidae  
W1104 *Microhedylla* Hertling, 1930  
W1105 *glandulifera* (Kowalevsky, 1901) Synonyms: *M. lactea* Hertling, 1930; *Stellaspina glandulifera*.  
W1106 *milaschewitschii* (Kowalevsky, 1901) A southern species.  
W1107 PHILINOGLOSSACEA  
W1108 Philinoglossidae  
W1109 *Philinoglossa* Hertling, 1932  
W1110 *heigolandica* Hertling, 1932  
W1111 *praelongata* Salvini-Plawen, 1973  
W1112 *remanei* Marcus & Marcus, 1958  
W1113 SACOGLOSSA  
W1114 ELYSIACEA  
W1115 Elysiidae  
W1116 *Elysia* Risso, 1818  
W1117 *Elysia* (*Elysia*) Risso, 1818  
W1118 *viridis* (Montagu, 1804)  
W1119 Stiligeridae  
W1120 *Stiliger* Ehrenberg, 1831  
W1121 *bellulus* (Orbigny, 1837) Synonym: *Calliopaea bellula*.  
W1122 *oophaga* (Lemche, 1974) Synonyms: possibly synonymous with *Stiliger bellulus*; *Calliopaea oophaga*.  
W1123 *Placida* Trinchese, 1879  
W1124 *dendritica* (Alder & Hancock, 1843) Synonym: *Hermaea dendritica*.  
W1125 Alderiidae  
W1126 *Alderia* Allman, 1845  
W1127 *modesta* (Lovén, 1844) A brackish-water littoral species.  
W1128 Hermaeidae  
W1129 *Hermaea* Lovén, 1844  
W1130 *bifida* (Montagu, 1815)  
W1131 *Hermaeopsis* A Costa, 1869  
W1132 *variopicta* A Costa, 1869 Synonym: *Hermaea variopicta*.  
W1133 Limapontiidae  
W1134 *Limapontia* Johnston, 1836  
W1135 *capitata* (O F Müller, 1774) Littoral.  
W1136 *depressa* Alder & Hancock, 1862 A brackish-water littoral species.  
W1137 *senestra* (Quatrefages, 1844) Littoral. Synonyms: *Cenia cocksii* Alder & Hancock, 1855; *Acteonia cocksii*; *Acteonia senestra*.  
W1138 ANASPIDEA  
W1139 APLYSIACEA  
W1140 Akeridae  
W1141 *Akera* O F Müller, 1776  
W1142 *bullata* O F Müller, 1776  
W1143 Aplysiidae  
W1144 Aplysiinae  
W1145 *Aplysia* Linnaeus, 1767 See Bebbington (1995).  
W1146 *Aplysia* (*Aplysia*) Linnaeus, 1767  
W1147 *depilans* Gmelin, 1791 A southern species.  
W1148 *Aplysia* (*Varria*) Eales, 1960

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| W1149 | <i>fasciata</i> Poiret, 1789               | A southern species.  |
| W1150 | <i>Aplysia (Pruvotaplysia)</i> Engel, 1936 |  |
| W1151 | <i>parvula</i> Morch, 1863                 | A southern species.  |
| W1152 | <i>punctata</i> Cuvier, 1803               |  |
| W1153 | <b>NOTASPIDEA</b>                          |  |
| W1154 | <b>PLEUROBRANCHACEA</b>                    |  |
| W1155 | <b>Pleurobranchidae</b>                    |  |
| W1156 | <i>Pleurobranchus</i> Cuvier, 1804         |  |
| W1157 | <i>membranaceus</i> (Montagu, 1815)        |  |
| W1158 | <i>Berthella</i> de Blainville, 1824       | Littoral.  |
| W1159 | <i>plumula</i> (Montagu, 1803)             | A southern species; littoral.  |
| W1160 | <i>sideralis</i> Lovén, 1846               |  |
| W1161 | <i>Berthellina</i> Gardiner, 1936          |  |
| W1162 | <i>citrina</i> (Rüppell & Leuckart, 1828)  | A southern species, littoral. It seems unlikely that the British species is <i>B. citrina</i> as this is a Red Sea species. Synonym: <i>B. engeli</i> Gardiner, 1936. All species are pelagic. |
| W1163 | <b>THECOSOMATA</b>                         |  |
| W1164 | <b>LIMACINACEA</b>                         |  |
| W1165 | <b>Limacinidae</b>                         |  |
| W1166 | <i>Limacina</i> Bosc, 1817                 |  |
| W1167 | <i>Limacina (Limacina)</i> Bosc, 1817      |  |
| W1168 | <i>helicina</i> (Phipps, 1774)             | A northern species. Synonym: <i>Spiratella helicina</i> .  |
| W1169 | <i>retroversa</i> (Fleming, 1823)          | Synonym: <i>Spiratella retroversa</i> .  |
| W1170 | <i>Limacina (Munthea)</i> Spoel, 1967      |  |
| W1171 | <i>bulimoides</i> (Orbigny, 1836)          | A southern species. Synonym: <i>Spiratella bulimoides</i> .  |
| W1172 | <i>Limacina (Thilea)</i> Strebel, 1908     |  |
| W1173 | <i>helicoides</i> Jeffreys, 1877           | Synonym: <i>Spiratella helicoides</i> .  |
| W1174 | <i>inflata</i> (Orbigny, 1836)             | Synonyms: <i>Spiratella inflata</i> ; <i>Spiratella rostralis</i> (Eydoux & Souleyet, 1840).   |
| W1175 | <i>lesueurii</i> (Orbigny, 1836)           | Synonym: <i>Spiratella ventricosa</i> (Eydoux & Souleyet, 1840).   |
| W1176 | <b>Cavoliniidae</b>                        |  |
| W1177 | <b>Cavoliniinae</b>                        |  |
| W1178 | <i>Cavolinia</i> Abildgaard, 1791          |  |
| W1179 | <i>inflexa</i> (Lesueur, 1813)             |  |
| W1180 | <i>tridentata</i> (Forsskål, 1775)         |  |
| W1181 | <i>Diacria</i> J E Gray, 1840              |  |
| W1182 | <i>trispinosa</i> (de Blainville, 1821)    |  |
| W1183 | <b>Clioinae</b>                            |  |
| W1184 | <i>Clio</i> Linnaeus, 1767                 |  |
| W1185 | <i>andreae</i> (Boas, 1886)                | Synonym: <i>C. polita</i> Pelseneer, 1888.   |
| W1186 | <i>cuspidata</i> (Bosc, 1802)              |  |
| W1187 | <i>pyramidata</i> Linnaeus, 1767           |  |
| W1188 | <i>Styliola</i> J E Gray, 1850             |  |
| W1189 | <i>subula</i> (Quoy & Gaimard, 1827)       |  |
| W1190 | <b>Cuvierininae</b>                        |  |
| W1191 | <i>Cuvierina</i> Boas, 1886                |  |
| W1192 | <i>columnella</i> (Rang, 1827)             |  |
| W1193 | <b>PERACLACEA</b>                          |  |
| W1194 | <b>Peraclidae</b>                          |  |
| W1195 | <i>Peraclis</i> Forbes, 1844               |  |
| W1196 | <i>bispinosa</i> Pelseneer, 1888           | Synonym: <i>Peraclis bispinosa</i> .   |
| W1197 | <i>moluccensis</i> Tesch, 1913             | Synonym: <i>Peraclis moluccensis</i> .   |
| W1198 | <i>reticulata</i> (Orbigny, 1836)          | Synonym: <i>Peraclis reticulata</i> .  |
| W1199 | <i>triacantha</i> (Fischer, 1882)          | Synonym: <i>Peraclis triacantha</i> .  |
| W1200 | <b>Cymbuliidae</b>                         |  |
| W1201 | <b>Cymbuliinae</b>                         |  |
| W1202 | <i>Cymbulia</i> Péron & Lesueur, 1810      |  |
| W1203 | <i>peronii</i> de Blainville, 1818         | Synonym: <i>C. proboscidea</i> Oken, 1815 [non- binominal].  |
| W1204 | <b>GYMNOSOMATA</b>                         | All species are pelagic.   |
| W1205 | <b>CLIONACEA</b>                           |  |
| W1206 | <b>Pneumodermatidae</b>                    |  |
| W1207 | <i>Pneumoderma</i> Roissy, 1805            |  |
| W1208 | <i>mediterraneum</i> (Beneden, 1838)       |  |
| W1209 | <i>Crucibranchaea</i> Pruvot-Fol, 1942     |  |
| W1210 | <i>macrochira</i> Meisenheimer, 1905       | Synonym: <i>Pneumodermopsis macrochira</i> .   |
| W1211 | <i>michaelsarsi</i> (Bonnevie, 1914)       | Synonym: <i>Pneumodermopsis michaelsarsi</i> .   |
| W1212 | <i>Pneumodermopsis</i> Keferstein, 1862    |  |
| W1213 | <i>canephora</i> Pruvot-Fol, 1924          | A southern species.  |
| W1214 | <i>ciliata</i> (Gegenbaur, 1855)           |  |
| W1215 | <i>oligocotyla</i> Massy, 1917             |  |
| W1216 | <i>paucidens</i> (Boas, 1886)              |  |
| W1217 | <i>pupula</i> Pruvot-Fol, 1926             | A southern species.  |
| W1218 | <i>teschi</i> Spoel, 1973                  |  |
| W1219 | <i>Schizobrachium</i> Meisenheimer, 1903   |  |
| W1220 | <i>polycotylum</i> Meisenheimer, 1903      | A southern species.  |
| W1221 | <b>Notobranchaeidae</b>                    |  |
| W1222 | <i>Schleschia</i> Strand, 1932             |  |
| W1223 | <i>hjortii</i> (Bonnevie, 1914)            | A southern species. Synonyms: <i>Microdonta hjorti</i> ; <i>Notobranchaea hjorti</i> .   |
| W1224 | <i>tetrabranchiata</i> (Bonnevie, 1914)    | Synonyms: <i>Microdonta tetrabranchiata</i> ; <i>Notobranchaea tetrabranchiata</i> .   |
| W1225 | <b>Cliopsidae</b>                          |  |
| W1226 | <i>Cliopsis</i> Troschel, 1854             |  |
| W1227 | <i>krohni</i> Troschel, 1854               |  |
| W1228 | <b>Clionidae</b>                           |  |
| W1229 | <i>Clione</i> Pallas, 1774                 |  |
| W1230 | <i>limacina</i> (Phipps, 1774)             |  |
| W1231 | <i>Paraclione</i> Tesch, 1903              |  |
| W1232 | <i>longicaudata</i> (Souleyet, 1852)       | A southern species.  |
| W1233 | <b>Thliptodontidae</b>                     |  |
| W1234 | <i>Thliptodon</i> Boas, 1886               |  |

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| W1235 | <i>antarcticus</i>         | Meisenheimer, 1906            | A southern species.  |
| W1236 | <i>diaphanus</i>           | (Meisenheimer, 1902)          | A southern species.  |
| W1237 | <i>gegenbauri</i>          | Boas, 1886                    | A southern species.  |
| W1238 | <i>Cephalobranchia</i>     | Bonnevie, 1914                |  |
| W1239 | <i>bonnevii</i>            | Massy, 1917                   | A southern species.  |
| W1240 | <i>macrochaeta</i>         | Bonnevie, 1914                |  |
| W1241 | <i>Massya</i>              | Pruvot-Fol, 1924              |  |
| W1242 | <i>longicirrata</i>        | (Massy, 1917)                 |  |
| W1243 | <b>NUDIBRANCHIA</b>        |                               |  |
| W1244 | <b>DENDRONOTACEA</b>       |                               |  |
| W1245 | Tritoniidae                |                               |  |
| W1246 | <i>Tritonia</i>            | Cuvier, 1797                  |  |
| W1247 | <i>Tritonia (Tritonia)</i> | Cuvier, 1797                  |  |
| W1250 | <i>homborgii</i>           | Cuvier, 1803                  |  |
| W1251 | <i>lineata</i>             | Alder & Hancock, 1848         |  |
| W1252 | <i>manicata</i>            | Deshayes, 1853                | A southern species.  |
| W1253 | <i>nielsodhneri</i>        | Marcus, 1983                  | A southern and western species occurring north to Co Donegal associated with the sea-fan <i>Eunicella verrucosa</i> .<br>Synonym: <i>Duvaucelia odhneri</i> (Tardy, 1963) non <i>Tritonia odhneri</i> Marcus 1959.   |
| W1254 | <i>plebeia</i>             | Johnston, 1828                |  |
| W1255 | Lomanotidae                |                               |  |
| W1256 | <i>Lomanotus</i>           | Verany, 1844                  |  |
| W1257 | <i>genei</i>               | Verany, 1846                  |  |
| W1258 | <i>marmoratus</i>          | (Alder & Hancock, 1845)       | This may represent more than one species (BEP). Synonym: <i>L. flavidus</i> Alder & Hancock, 1845.   |
| W1259 | Scyllaeidae                |                               |  |
| W1260 | <i>Scyllaea</i>            | Linnaeus, 1758                |  |
| W1261 | <i>pelagica</i>            | Linnaeus, 1758                | Pelagic, associated with hydroids on Gulf-weed, <i>Sargassum muticum</i> .   |
| W1262 | Hancockiidae               |                               |  |
| W1263 | <i>Hancockia</i>           | Gosse, 1877                   |  |
| W1264 | <i>uncinata</i>            | (Hesse, 1872)                 | A southern species, north to Co Donegal.   |
| W1265 | Dendronotidae              |                               |  |
| W1266 | <i>Dendronotus</i>         | Alder & Hancock, 1845         |  |
| W1267 | <i>frondosus</i>           | (Ascanius, 1774)              | This may represent more than one species, see Just & Edmonds, (1985). Synonyms: <i>D. arborescens</i> O F Müller, 1776; <i>D. felinus</i> Alder & Hancock, 1842.   |
| W1268 | <i>robustus</i>            | Verrill, 1870                 | A northern species, not recorded from the British Isles.   |
| W1269 | Dotiidae                   |                               |  |
| W1270 | <i>Doto</i>                | Oken, 1815                    |  |
| W1272 | <i>coronata</i>            | (Gmelin, 1791)                |  |
| W1273 | <i>crassicomis</i>         | M Sars, 1870                  | A northern species.  |
| W1274 | <i>cuspidata</i>           | Alder & Hancock, 1862         |  |
| W1275 | <i>dunnei</i>              | Lemche, 1976                  |  |
| W1276 | <i>eireana</i>             | Lemche, 1976                  |  |
| W1277 | <i>fragilis</i>            | (Forbes, 1838)                |  |
| W1278 | <i>hydrallmaniae</i>       | Morrow, Thorpe & Picton, 1992 | See Morrow <i>et al.</i> (1992).   |
| W1279 | <i>hystrix</i>             | Picton & Brown, 1981          |  |
| W1280 | <i>koenneckeri</i>         | Lemche, 1976                  |  |
| W1281 | <i>lemchei</i>             | Ortea & Urgorri, 1978         |  |
| W1282 | <i>maculata</i>            | (Montagu, 1804)               |  |
| W1283 | <i>millbayana</i>          | Lemche, 1976                  |  |
| W1284 | <i>nigra</i>               | Eliot, 1910                   | Not recognized since the original description.   |
| W1285 | <i>onusta</i>              | Hesse, 1872                   |  |
| W1286 | <i>papillifera</i>         | Eliot, 1910                   | Not recognized since the original description.   |
| W1287 | <i>pinnatifida</i>         | (Montagu, 1804)               |  |
| W1288 | <i>sarsiae</i>             | Morrow, Thorpe & Picton, 1992 | See Morrow <i>et al.</i> (1992).   |
| W1289 | <i>tuberculata</i>         | Lemche, 1976                  |  |
| W1290 | Embletoniidae              |                               |  |
| W1291 | <i>Embletonia</i>          | Alder & Hancock, 1851         |  |
| W1292 | <i>pulchra</i>             | (Alder & Hancock, 1844)       | Synonym: <i>Embletonia pallida</i> (Alder & Hancock, 1854).  |
| W1293 | <b>ONCHIDORIDACEA</b>      |                               |  |
| W1294 | Corambidae                 |                               |  |
| W1295 | <i>Corambe</i>             | Bergh, 1869                   | See Swennen & Decker (1995).   |
| W1296 | <i>obscura</i>             | (Verrill, 1870)               | A West Atlantic species, introduced into our area. Synonyms: <i>C. batava</i> Kerbert, 1886; <i>C. sargassicola</i> Bergh, 1871; <i>Corambella baratariae</i> Harry, 1953; <i>Corambella carambola</i> Marcus, 1955; <i>Corambella depressa</i> Balch, 1899; <i>Doridella batava</i> ; <i>Doridella burchi</i> Marcus & Marcus, 1967; <i>Doridella obscura</i> . |
| W1297 | <i>Neocorambe</i>          | Swennen & Dekker, 1995        |  |
| W1298 | <i>testudinaria</i>        | (H Fischer, 1889)             | A southern species. Synonym: <i>Corambe testudinaria</i> .   |
| W1299 | Goniodorididae             |                               |  |
| W1300 | <i>Goniodoris</i>          | Forbes & Goodsir, 1839        |  |
| W1301 | <i>castanea</i>            | Alder & Hancock, 1845         |  |
| W1302 | <i>nodosa</i>              | (Montagu, 1808)               |  |
| W1305 | Okeniidae                  |                               |  |
| W1306 | Okeniinae                  |                               |  |
| W1307 | <i>Okenia</i>              | Menke, 1830                   |  |
| W1308 | <i>aspersa</i>             | (Alder & Hancock, 1845)       | Synonyms: ? <i>Okenia quadricornis</i> (Montagu, 1813); <i>Idaliella quadricornis</i> .<br>Synonym: <i>O. cirrigera</i> (Philippi, 1844).  |
| W1309 | <i>elegans</i>             | (Leuckart, 1828)              |  |
| W1310 | <i>leachii</i>             | (Alder & Hancock, 1854)       |  |
| W1311 | <i>pulchella</i>           | (Alder & Hancock, 1854)       | Possibly synonymous with <i>O. aspersa</i> .   |
| W1312 | <i>quadricornis</i>        | (Montagu, 1813)               | Possibly synonymous with <i>O. aspersa</i> .   |
| W1313 | Anculinae                  |                               |  |
| W1314 | <i>Ancula</i>              | Lovén, 1846                   |  |
| W1315 | <i>gibbosa</i>             | (Risso, 1818)                 | Synonym: <i>A. cristata</i> Alder, 1841.   |



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| W1316 | <i>Trapania</i> Pruvot-Fol, 1931                   |  |
| W1317 | <i>maculata</i> Haefelfinger, 1960                 | A southern species, recorded from the Channel coast of England and SW Wales.   |
| W1318 | <i>pallida</i> Kress, 1968                         | A southern species, with records from the Irish Sea and Sound of Mull.   |
| W1319 | Onchidorididae                                     |  |
| W1320 | <i>Onchidoris</i> de Blainville, 1816              |  |
| W1321 | <i>Onchidoris (Onchidoris)</i> de Blainville, 1816 |  |
| W1322 | <i>bilamellata</i> (Linnaeus, 1767)                | Synonym: <i>O. fusca</i> O F Müller, 1776.   |
| W1323 | <i>depressa</i> (Alder & Hancock, 1842)            |  |
| W1324 | <i>inconspicua</i> (Alder & Hancock, 1851)         |  |
| W1325 | <i>muricata</i> (O F Müller, 1776)                 |  |
| W1326 | <i>oblonga</i> (Alder & Hancock, 1845)             |  |
| W1327 | <i>pusilla</i> (Alder & Hancock, 1845)             |  |
| W1328 | <i>sparsa</i> (Alder & Hancock, 1846)              |  |
| W1329 | <i>Diaphorodoris</i> Iredale & O'Donoghue, 1923    |  |
| W1330 | <i>luteocincta</i> (M Sars, 1870)                  | Synonym: <i>Onchidoris luteocincta</i> .   |
| W1331 | <i>luteocincta</i> var. <i>alba</i> Portmann, 1960 | Probably a distinct species. Reported from Plymouth area and not uncommon in Brittany.   |
| W1332 | <i>Acanthodoris</i> J E Gray, 1850                 |  |
| W1333 | <i>pilosa</i> (Abildgaard in O F Müller, 1789)     | Synonym: <i>A. subquadrata</i> Alder & Hancock, 1845.  |
| W1334 | <i>Adalaria</i> Bergh, 1878                        |  |
| W1335 | <i>loveni</i> (Alder & Hancock, 1862)              | All British records considered doubtful. Type locality possibly mistaken (Bantry Bay, SW Ireland). Presently only known with certainty from Scandinavia.           |
| W1336 | <i>proxima</i> (Alder & Hancock, 1854)             |  |
| W1337 | POLYCERACEA  |  |
| W1338 | Triophidae   |  |
| W1339 | Triophinae   |  |
| W1340 | <i>Crimora</i> Alder & Hancock, 1862               |  |
| W1341 | <i>papillata</i> Alder & Hancock, 1862             |  |
| W1344 | Aegiretidae  |  |
| W1345 | <i>Aegires</i> Lovén, 1844                         |  |
| W1346 | <i>punctilucens</i> (Orbigny, 1837)                |  |
| W1347 | Polyceridae  |  |
| W1348 | <i>Polycera</i> Cuvier, 1817                       |  |
| W1349 | <i>faeroensis</i> Lemche, 1929                     |  |
| W1350 | <i>quadrilineata</i> (O F Müller, 1776)            | Synonym: <i>Thecacera capitata</i> Alder & Hancock, 1854.  |
| W1351 | <i>Greilada</i> Bergh, 1894                        |  |
| W1352 | <i>elegans</i> Bergh, 1894                         | A southern species, north to Co Donegal.   |
| W1353 | <i>Limacia</i> O F Müller, 1781                    |  |
| W1354 | <i>clavigera</i> (O F Müller, 1776)                |  |
| W1355 | <i>Palio</i> J E Gray, 1857                        |  |
| W1356 | <i>dubia</i> (M Sars, 1829)                        | Synonym: <i>Polycera dubia</i> .   |
| W1357 | <i>nothus</i> (Johnston, 1838)                     | Synonyms: <i>Polycera nothus</i> ; <i>Thecacera virescens</i> Forbes & Hanley, 1851.   |
| W1358 | <i>Thecacera</i> Fleming, 1828                     |  |
| W1359 | <i>pennigera</i> (Montagu, 1813)                   | A southern species, north to Co Antrim.  |
| W1360 | DORIDACEA  |  |
| W1361 | Chromodorididae                                    |  |
| W1362 | <i>Cadlina</i> Bergh, 1878                         |  |
| W1363 | <i>laevis</i> (Linnaeus, 1767)                     | Possibly a northern, predominantly littoral form and a southern sublittoral form.  |
| W1364 | Aldisidae  |  |
| W1365 | <i>Aldisa</i> Bergh, 1878                          |  |
| W1366 | <i>zettlandica</i> (Alder & Hancock, 1854)         |  |
| W1367 | Rostangidae  |  |
| W1368 | <i>Rostanga</i> Bergh, 1879                        |  |
| W1369 | <i>rubra</i> (Risso, 1818)                         | Synonym: <i>R. rufescens</i> Iredale & O'Donoghue, 1939.   |
| W1370 | Dorididae  |  |
| W1371 | <i>Doris</i> Linnaeus, 1758                        |  |
| W1372 | <i>sticta</i> (Iredale & O'Donoghue, 1923)         | A southern species, north to Co Donegal. Synonyms: <i>D. maculata</i> (Garstang, 1895 non Montagu, 1804); <i>Doridigitata sticta</i> ; <i>Homoiodoris sticta</i> . |
| W1373 | <i>verrucosa</i> Linnaeus, 1758                    | A southern species. Synonym: <i>Doridigitata derelicta</i> (P Fischer, 1867).  |
| W1374 | Archidorididae                                     |  |
| W1375 | <i>Archidoris</i> Bergh, 1878                      |  |
| W1376 | <i>pseudoargus</i> (Rapp, 1827)                    | Non <i>Doris tuberculata</i> Müller, 1778. Synonyms: <i>A. britannica</i> Johnston, 1838; <i>Doris tuberculata</i> (Cuvier, 1804).                                 |
| W1377 | <i>Atagema</i> J E Gray, 1850                      |  |
| W1378 | <i>gibba</i> Pruvot-Fol, 1951                      | A southern species, only Cornwall and Scilly Isles.  |
| W1379 | Discodorididae                                     |  |
| W1380 | <i>Discodoris</i> Bergh, 1877                      |  |
| W1381 | <i>millegrana</i> (Alder & Hancock, 1854)          | Synonym: <i>Aporodoris millegrana</i> .  |
| W1382 | <i>Geitodoris</i> Bergh, 1891                      |  |
| W1383 | <i>planata</i> (Alder & Hancock, 1846)             | See Cervera et al. (1985) for generic placement. Synonyms: <i>Anisodoris stellifera</i> auctt. non Vayssièrre, 1904; <i>Discodoris planata</i> .                   |
| W1384 | Kentrodorididae                                    |  |
| W1385 | <i>Jorunna</i> Bergh, 1876                         |  |
| W1386 | <i>tomentosa</i> (Cuvier, 1804)                    | Synonyms: <i>J. lemchei</i> Marcus, 1976; <i>J. luisae</i> Marcus, 1976.   |
| W1394 | ARMINACEA  |  |
| W1398 | Aminidae   |  |
| W1399 | <i>Armina</i> Rafinesque, 1814                     |  |
| W1400 | <i>loveni</i> (Bergh, 1860)                        |  |
| W1401 | HEROACEA   |  |
| W1402 | Madrellidae  |  |
| W1403 | <i>Madrella</i> Alder & Hancock, 1864              |  |
| W1404 | <i>aurantiaca</i> Vayssièrre, 1903                 | A southern species, French coasts only.  |

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| W1405 | Janolidae   |  |  |
| W1406 | <i>Janolus</i> Bergh, 1884                            |  |  |
| W1407 | <i>cristatus</i> (delle Chiaje, 1841)                 | Synonym: <i>Antiopella cristata</i> .  |  |
| W1408 | <i>hyalinus</i> (Alder & Hancock, 1854)               | Synonym: <i>Antiopella hyalina</i> .   |  |
| W1409 | <i>Proctonotus</i> Alder, 1844                        |  |  |
| W1410 | <i>mucroniferus</i> (Alder & Hancock, 1844)           | Synonym: <i>Zephyrina mucronifera</i> .  |  |
| W1411 | Heroidae  |  |  |
| W1412 | <i>Hero</i> Alder & Hancock, 1855                     |  |  |
| W1413 | <i>formosa</i> (Lovén, 1841)                          |  |  |
| W1414 | AEOLIDIACEA   |  |  |
| W1415 | Flabellinidae   |  |  |
| W1416 | <i>Coryphella browni</i> J E Gray in M E Gray, 1850   | Synonym: <i>Flabellina browni</i> .  |  |
| W1417 | Picton, 1980  | Synonyms: <i>C. smaragdina</i> Alder & Hancock, 1851;  |  |
| W1418 | <i>gracilis</i> (Alder & Hancock, 1844)               | <i>Coryphella verrucosa smaragdina</i> ; <i>Flabellina gracilis</i> .  |  |
| W1419 | <i>lineata</i> (Lovén, 1846)                          | Synonym: <i>Flabellina lineata</i> .   |  |
| W1420 | <i>nobilis</i> Verrill, 1880                          | A northern species. Synonym: <i>Flabellina nobilis</i> .   |  |
| W1421 | <i>salmonacea</i> (Couthouy, 1839)                    | Synonym: <i>Flabellina salmonacea</i> .  |  |
| W1422 | <i>verrucosa</i> (M Sars, 1829)                       | Synonyms: <i>C. rufibranchialis</i> Johnston, 1832; <i>Flabellina verrucosa</i> .  |  |
| W1423 | <i>Flabellina</i> Voigt, 1834                         |  |  |
| W1424 | <i>pedata</i> (Montagu, 1815)                         | Synonym: <i>Coryphella pedata</i> .  |  |
| W1425 | <i>pellucida</i> (Alder & Hancock, 1843)              | Synonym: <i>Coryphella pellucida</i> .   |  |
| W1426 | Tergipedidae  |  |  |
| W1427 | <i>Tergipes</i> Cuvier, 1805                          |  |  |
| W1428 | <i>tergipes</i> (Forsskål, 1775)                      |  |  |
| W1429 | <i>Catriona</i> Winckworth, 1941                      |  |  |
| W1430 | <i>gymnota</i> (Couthouy, 1838)                       | Synonym: <i>Cuthona aurantia</i> (Alder & Hancock, 1842).  |  |
| W1431 | <i>Cuthona</i> Alder & Hancock, 1855                  |  |  |
| W1433 | <i>amoena</i> (Alder & Hancock, 1845)                 | Synonym: <i>C. plumula</i> Lemche, 1936.   |  |
| W1434 | <i>caerulea</i> (Montagu, 1804)                       |  |  |
| W1435 | <i>concinna</i> (Alder & Hancock, 1843)               |  |  |
| W1436 | <i>foliata</i> (Forbes & Goodsir, 1839)               |  |  |
| W1437 | <i>genovae</i> (O'Donoghue, 1926)                     | A southern species. Only British records from Lough Hyne, Co Cork, Salt Lake, Co Galway and Mulroy Bay, Co Donegal.            |  |
| W1438 | <i>nana</i> (Alder & Hancock, 1842)                   | Synonym: <i>Precuthona peachii</i> (Alder & Hancock, 1848).  |  |
| W1439 | <i>pustulata</i> (Alder & Hancock, 1854)              |  |  |
| W1440 | <i>rubescens</i> Picton & Brown, 1978                 |  |  |
| W1441 | <i>viridis</i> (Forbes, 1840)                         |  |  |
| W1442 | <i>Tenellia</i> A Costa, 1866                         |  |  |
| W1443 | <i>adspersa</i> (Nordmann, 1844)                      | A brackish-water species. Synonym: <i>T pallida</i> Thompson & Brown, 1976 non Alder & Hancock, 1842.                          |  |
| W1444 | Eubbranchidae   |  |  |
| W1445 | <i>Eubbranchus</i> Forbes, 1838                       |  |  |
| W1446 | <i>doriae</i> (Trinchese, 1874)                       |  |  |
| W1447 | <i>exiguus</i> (Alder & Hancock, 1848)                |  |  |
| W1448 | <i>farrani</i> (Alder & Hancock, 1844)                |  |  |
| W1449 | <i>pallidus</i> (Alder & Hancock, 1842)               |  |  |
| W1450 | <i>tricolor</i> Forbes, 1838                          | Synonyms: <i>E. viridula</i> (Bergh, 1874); <i>Egalvina viridula</i> (Bergh, 1874).  |  |
| W1451 | <i>vittatus</i> (Alder & Hancock, 1842)               | Synonym: <i>E. cingulatus</i> Alder & Hancock, 1847.   |  |
| W1452 | sp.   | Synonym: <i>Eubbranchus vittatus</i> Brown & Picton, 1979 non Alder & Hancock, 1842.   |  |
| W1453 | Cumanotidae   |  |  |
| W1454 | <i>Cumanotus</i> Odhner, 1907                         |  |  |
| W1455 | <i>beaumonti</i> (Eliot, 1906)                        |  |  |
| W1456 | Fionidae  |  |  |
| W1457 | <i>Fiona</i> Alder & Hancock in Forbes & Hanley, 1851 |  |  |
| W1458 | <i>pinnata</i> (Eschscholtz, 1831)                    | Pelagic, associated with goose barnacles and Siphonophores. Rarely cast up on British shores.                                  |  |
| W1459 | Calmidae  |  |  |
| W1460 | <i>Calma</i> Alder & Hancock, 1855                    |  |  |
| W1461 | <i>glaucoides</i> (Alder & Hancock, 1854)             | A southern species.  |  |
| W1462 | Pseudovermidae  |  |  |
| W1463 | <i>Pseudovermis</i> Periaslavzeff, 1891               |  |  |
| W1464 | <i>boadeni</i> Salvini-Plawen & Sterrer, 1968         |  |  |
| W1465 | <i>papillifera</i> Kowalevsky, 1901                   | A southern species.  |  |
| W1466 | Facelinidae   |  |  |
| W1467 | <i>Facelina</i> Alder & Hancock, 1855                 |  |  |
| W1468 | <i>annulicornis</i> (Chamisso & Eysenhardt, 1821)     | Synonym: <i>F coronata</i> (Forbes & Goodsir, 1839).   |  |
| W1469 | <i>auriculata</i> (O F Müller, 1776)                  | Synonyms: <i>F curta</i> (Alder & Hancock, 1843); <i>F drummondii</i> (Alder & Hancock, 1848); <i>F gigas</i> (A Costa, 1866). |  |
| W1470 | <i>bostoniensis</i> (Couthouy, 1838)                  | A southern species. Only British record from Lough Hyne, Co Cork.  |  |
| W1471 | <i>dubia</i> Pruvot-Fol, 1949                         |  |  |
| W1472 | <i>Caloria</i> Trinchese, 1888                        |  |  |
| W1473 | <i>elegans</i> (Alder & Hancock, 1845)                | A southern species, north to Co Donegal. Synonym: <i>C. maculata</i> (Trinchese, 1888).  |  |
| W1474 | <i>Pruvotfolia</i> Tardy, 1969                        |  |  |
| W1475 | <i>pselliotes</i> (Labbe, 1923)                       | A southern species, French coasts only. Synonym: <i>Facelina pselliotes</i> .  |  |
| W1476 | Favorinidae   |  |  |
| W1477 | <i>Favorinus</i> J E Gray, 1850                       |  |  |
| W1478 | <i>bianus</i> Lemche & Thompson, 1974                 |  |  |
| W1479 | <i>branchialis</i> (Rathke, 1806)                     |  |  |
| W1480 | <i>Dicata</i> Schmekel, 1967                          |  |  |
| W1481 | <i>odhneri</i> Schmekel, 1967                         | A southern species. Only British record from Lough Hyne, Co Cork.  |  |
| W1482 | Aeolidiidae   |  |  |
| W1483 | <i>Aeolidia</i> Cuvier, 1798                          |  |  |

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| W1484 | <i>papillosa</i> (Linnaeus, 1761)                  |  |
| W1485 | <i>Aeolidiella</i> Bergh, 1867                     |  |
| W1486 | <i>alderi</i> (Cocks, 1852)                        | A southern species, north to Co Donegal. Synonym: <i>Eolida soemmerringii</i> auct. [ICZN suppressed].   |
| W1487 | <i>glauca</i> (Alder & Hancock, 1845)              |  |
| W1488 | <i>sanguinea</i> (Norman, 1877)                    | A southern species, mostly found on the west coasts of Ireland with recent records from W Scotland and the Irish Sea.  |
| W1491 | <i>Cerberilla</i> Bergh, 1873                      |  |
| W1492 | <i>bernadetti</i> Tardy, 1965                      |  |
| W1493 | <b>PULMONATA</b>                                   | A southern species, French coasts only. See Nordsieck (1993).  |
| W1494 | <b>SYSTEMLOMMATOPHORA</b>                          |  |
| W1495 | OTINACEA   |  |
| W1496 | ONCHIDIACEA  |  |
| W1497 | Onchidiidae  |  |
| W1498 | <i>Onchidella</i> J E Gray, 1850                   |  |
| W1499 | <i>celtica</i> (Cuvier, 1817)                      | Littoral.  |
| W1500 | Otinidae   |  |
| W1501 | <i>Otina</i> J E Gray, 1847                        |  |
| W1502 | <i>ovata</i> (Brown, 1827)                         | Littoral.  |
| W1503 | <b>ACTOPHILA</b>                                   |  |
| W1504 | ELLOBIACEA   |  |
| W1505 | Ellobiidae   |  |
| W1506 | Ellobiinae   |  |
| W1507 | <i>Auriculinea</i> Tausch, 1886                    |  |
| W1508 | <i>bidentata</i> (Montagu, 1808)                   | Synonyms: <i>Auriculella bidentata</i> ; <i>Leuconia bidentata</i> ; <i>Leucophytia bidentata</i> .  |
| W1509 | Pythiinae  |  |
| W1510 | <i>Ovatella</i> Bivona-Bernardi, 1832              |  |
| W1511 | <i>myosotis</i> (Draparnaud, 1801)                 | Littoral. Synonym: <i>Phytia myosotis</i> .  |
| W1512 | <i>myosotis</i> var. <i>ringens</i> (Turton, 1819) | Littoral.  |
| W1513 | <b>SCAPHOPODA</b>                                  | See Steiner (1992).  |
| W1514 | <b>DENTALIIDA</b>                                  |  |
| W1515 | Dentaliidae  |  |
| W1516 | <i>Antalis</i> H & A Adams, 1854                   |  |
| W1519 | <i>entalis</i> (Linnaeus, 1758)                    | Synonym: <i>Dentalium entalis</i> .  |
| W1522 | <i>vulgaris</i> (da Costa, 1778)                   | A southern species. Synonym: <i>Dentalium vulgare</i> .  |
| W1530 | <b>GADILIDA</b>                                    |  |
| W1551 | Gadilidae  |  |
| W1552 | <i>Gadila</i> J E Gray, 1847                       |  |
| W1553 | <i>olivii</i> (Scacchi, 1835)                      | Synonym: <i>Cadulus olivii</i> .   |
| W1554 | <i>subfusiformis</i> (M Sars, 1850)                | Synonyms: <i>G. jeffreysii</i> ; <i>Cadulus jeffreysii</i> (Monterosato, 1875); <i>Cadulus subfusiformis</i> .   |
| W1560 | <b>PELECYPODA</b>                                  | Bivalvia.  |
| W1561 | <b>NUCULOIDA</b>                                   |  |
| W1562 | NUCULACEA  |  |
| W1563 | Nuculidae  |  |
| W1564 | Nuculinae  |  |
| W1565 | <i>Nucula</i> Lamarck, 1799                        |  |
| W1566 | <i>Nucula</i> ( <i>Nucula</i> ) Lamarck, 1799      |  |
| W1568 | <i>hanleyi</i> Winckworth, 1931                    |  |
| W1569 | <i>nitidosa</i> Winckworth, 1930                   | Synonyms: <i>N. moorei</i> (Winckworth, 1931); <i>N. turgida</i> (Leckenby & Marshall, 1875 non Gould, 1846).  |
| W1570 | <i>nucleus</i> (Linnaeus, 1758)                    |  |
| W1571 | <i>sulcata</i> Bronn, 1831                         |  |
| W1573 | Nuculominae  |  |
| W1574 | <i>Nuculoma</i> Cossman, 1907                      |  |
| W1577 | <i>tenuis</i> (Montagu, 1808)                      | Synonyms: <i>Nucula tenuis</i> ; <i>Lionucula tenuis</i> .   |
| W1586 | <b>NUCULANACEA</b>                                 |  |
| W1587 | Nuculanidae  |  |
| W1588 | Nuculaninae  |  |
| W1589 | <i>Nuculana</i> Link, 1807                         |  |
| W1590 | <i>Nuculana</i> ( <i>Nuculana</i> ) Link, 1807     |  |
| W1591 | <i>pernula</i> (O F Müller, 1779)                  | Subfossils found occasionally.   |
| W1592 | <i>Jupiteria</i> Bellardi, 1875                    |  |
| W1595 | <i>minuta</i> (O F Müller, 1776)                   | Synonym: <i>Nuculana minuta</i> .  |
| W1596 | Ledellinae   |  |
| W1597 | <i>Ledella</i> Verrill & Bush, 1897                |  |
| W1601 | <i>pustulosa marshalli</i> Allen & Hannah, 1989    |  |
| W1608 | Sareptidae   |  |
| W1615 | Yoldiellinae                                       |  |
| W1616 | <i>Yoldiella</i> Verrill & Bush, 1897              |  |
| W1620 | <i>frigida</i> (Torell, 1859)                      | A northern species. Synonyms: <i>Y iris</i> Verrill & Bush, 1897; <i>Portlandia frigida</i> ; <i>Yoldia frigida</i> .  |
| W1621 | <i>inflata</i> Verrill & Bush, 1897                |  |
| W1624 | <i>lenticula</i> (Møller, 1842)                    | Synonym: <i>Yoldia lenticula</i> .   |
| W1625 | <i>lucida</i> (Lovén, 1846)                        | Synonyms: <i>Portlandia lucida</i> ; <i>Yoldia lucida</i> .  |
| W1626 | <i>nana</i> M Sars, 1865                           | See Warén (1989c). Synonyms: <i>Y fraterna</i> (Verrill & Bush, 1898 as <i>Yoldia</i> ); <i>Y inconspicua</i> (Verrill & Bush, 1898). Synonyms: <i>Y tomlini</i> Winckworth, 1932 as <i>Yoldia</i> ; <i>Portlandia philippiana</i> . |
| W1627 | <i>philippiana</i> (Nyst, 1844)                    |  |
| W1633 | <i>Portlandia</i> Morch, 1857                      |  |
| W1634 | <i>arctica</i> (J E Gray, 1824)                    | A northern species. Synonym: <i>Yoldia arctica</i> .   |
| W1650 | Phaseolidae  |  |
| W1651 | <i>Phaseolus</i> Monterosato, 1875                 |  |
| W1656 | <b>ARCOIDA</b>                                     |  |
| W1657 | ARCACEA  |  |
| W1658 | Arcidae  |  |
| W1659 | Arcinae  |  |
| W1660 | <i>Arca</i> Linnaeus, 1758                         |  |
| W1661 | <i>Arca</i> ( <i>Arca</i> ) Linnaeus, 1758         |  |

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| W1662 | <i>tetragona</i> Poli, 1795                                      |  |
| W1663 | <i>Bentharca</i> Verrill & Bush, 1898                            |  |
| W1664 | <i>nodulosa</i> (O F Müller, 1776)                               | Synonyms: <i>Acar nodulosa</i> ; <i>Arca nodulosa</i> ; <i>Barbatia nodulosa</i> .   |
| W1665 | Anadarinae   |  |
| W1666 | <i>Bathyarca</i> Kobelt, 1891                                    |  |
| W1669 | <i>pectunculoides</i> (Scacchi, 1834)                            | Synonym: <i>Arca pectunculoides</i> .  |
| W1672 | Noetiidae  |  |
| W1673 | Striarcinae  |  |
| W1674 | <i>Striarca</i> Conrad, 1862                                     |  |
| W1675 | <i>Striarca (Galactella)</i> Cossmann in Cossmann & Peyrot, 1912 |  |
| W1676 | <i>lactea</i> (Linnaeus, 1758)                                   | A southern species. Synonyms: <i>Arca lactea</i> ; <i>Arcopsis lactea</i> .  |
| W1677 | LIMOPSACEA   |  |
| W1686 | Glycymerididae   |  |
| W1687 | <i>Glycymeris</i> da Costa, 1778                                 |  |
| W1688 | <i>glycymeris</i> (Linnaeus, 1758)                               |  |
| W1689 | MYTILOIDA  |  |
| W1690 | MYTILACEA  |  |
| W1691 | Mytilidae  |  |
| W1692 | Mytilinae  |  |
| W1693 | <i>Mytilus</i> Linnaeus, 1758                                    |  |
| W1694 | <i>Mytilus (Mytilus)</i> Linnaeus, 1758                          |  |
| W1695 | <i>edulis</i> Linnaeus, 1758                                     | Littoral.  |
| W1696 | <i>galloprovincialis</i> Lamarck, 1819                           | Littoral.  |
| W1697 | Modiolinae   |  |
| W1698 | <i>Modiolus</i> Lamarck, 1799                                    |  |
| W1699 | <i>Modiolus (Modiolus)</i> Lamarck, 1799                         |  |
| W1700 | <i>adriaticus</i> (Lamarck, 1819)                                |  |
| W1701 | <i>barbatus</i> (Linnaeus, 1758)                                 | A southern species; littoral.  |
| W1702 | <i>modiolus</i> (Linnaeus, 1758)                                 |  |
| W1703 | <i>Adipicola</i> Dautzenberg, 1927                               |  |
| W1704 | <i>simpsoni</i> (Marshall, 1900)                                 | Synonyms: <i>Adula simpsoni</i> ; <i>Idas simpsoni</i> ; <i>Idasola simpsoni</i> .   |
| W1707 | <i>Modiolula</i> Sacco in Bellardi & Sacco, 1898                 |  |
| W1708 | <i>phaseolina</i> (Philippi, 1844)                               | Synonym: <i>Modiolus phaseolinus</i> .   |
| W1709 | Dacrydiinae  |  |
| W1710 | <i>Dacrydium</i> Torell, 1859                                    |  |
| W1712 | <i>vitreum</i> (Møller, 1842)                                    |  |
| W1713 | Crenellinae  |  |
| W1714 | <i>Crenella</i> Brown, 1827                                      |  |
| W1715 | <i>decussata</i> (Montagu, 1808)                                 |  |
| W1716 | <i>pellucida</i> (Jeffreys, 1859)                                | Generic placement uncertain.   |
| W1717 | <i>Modiolarca</i> J E Gray in Dieffenbach, 1843                  |  |
| W1718 | <i>tumida</i> (Hanley, 1843)                                     | Synonyms: <i>Musculus marmoratus</i> (Forbes, 1838); <i>Musculus marmoratus</i> (Forbes, 1838) non Schröter 1803; ? <i>Musculus subpictus</i> (Cantraine, 1835). |
| W1719 | <i>Musculus</i> Röding, 1798                                     |  |
| W1720 | <i>costulatus</i> (Risso, 1826)                                  |  |
| W1721 | <i>discors</i> (Linnaeus, 1767)                                  |  |
| W1722 | <i>niger</i> (J E Gray, 1824)                                    |  |
| W1723 | <i>Rhomboidella</i> Monterosato, 1884                            |  |
| W1724 | <i>prideaux</i> (Leach, 1815)                                    | Synonyms: <i>Crenella prideauxi</i> [error]; <i>Solamen prideauxi</i> .  |
| W1725 | PTERIOIDA  |  |
| W1726 | PTERIACEA  |  |
| W1727 | Pteriidae  |  |
| W1728 | <i>Pteria</i> Scopoli, 1777                                      |  |
| W1729 | <i>hirundo</i> (Linnaeus, 1758)                                  | A southern species.  |
| W1730 | PINNACEA   |  |
| W1731 | Pinnidae   |  |
| W1732 | <i>Atrina</i> J E Gray, 1842                                     |  |
| W1733 | <i>fragilis</i> (Pennant, 1777)                                  | Synonym: <i>Pinna fragilis</i> .   |
| W1734 | LIMOIDA  |  |
| W1735 | LIMACEA  |  |
| W1736 | Limidae  |  |
| W1739 | <i>Limaria</i> Link, 1807  |  |
| W1740 | <i>Limaria (Limaria)</i> Link, 1807                              |  |
| W1741 | <i>hians</i> (Gmelin, 1791)                                      | Synonyms: <i>Lima hians</i> ; <i>Mantellum hians</i> .   |
| W1742 | <i>Limaria (Limatulella)</i> Sacco, 1898                         |  |
| W1743 | <i>loscombi</i> (G B Sowerby I, 1823)                            | Synonyms: <i>Lima loscombi</i> ; <i>Limea loscombi</i> .   |
| W1744 | <i>Limatula</i> S V Wood, 1839                                   |  |
| W1745 | <i>gwyni</i> (Sykes, 1903)                                       | Synonyms: <i>Lima elliptica</i> (Jeffreys, 1864) non Whiteaves; <i>Lima gwyni</i> .  |
| W1746 | <i>subauriculata</i> (Montagu, 1808)                             | Synonym: <i>Lima subauriculata</i> .   |
| W1747 | <i>subovata</i> (Jeffreys, 1876)                                 | Synonym: <i>Lima subovata</i> .  |
| W1748 | <i>sulcata</i> (Brown, 1827)                                     | Synonym: <i>Lima sulcata</i> .   |
| W1749 | <i>Limea</i> Bronn, 1831   |  |
| W1750 | <i>Limea (Notolimea)</i> Iredale, 1924                           |  |
| W1751 | <i>sarsii</i> (Lovén, 1846)                                      | Synonyms: ? <i>Limea crassa</i> Forbes, 1843; <i>Lima sarsii</i> ; <i>Notolimea crassa</i> ; <i>Notolimea sarsii</i> .   |
| W1752 | OSTREOIDA  |  |
| W1753 | OSTREACEA  |  |
| W1754 | Ostreidae  |  |
| W1755 | Ostreinae  |  |
| W1756 | <i>Ostrea</i> Linnaeus, 1758                                     |  |
| W1757 | <i>Ostrea (Ostrea)</i> Linnaeus, 1758                            |  |
| W1758 | <i>edulis</i> Linnaeus, 1758                                     |  |
| W1759 | Crassostreinae   |  |
| W1760 | <i>Crassostrea</i> Sacco, 1897                                   |  |
| W1761 | <i>gigas</i> (Thunberg, 1793)                                    | Synonym: <i>C. angulata</i> Lamarck, 1819.   |
| W1762 | <i>virginica</i> (Gmelin, 1791)                                  | A southern species.  |

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|-------|--|--|
| W1763 | Gryphaeidae  |  |
| W1764 | Pycnodonteinae   |  |
| W1765 | <i>Neopycnodonte</i> Stenzel, 1971                       |  |
| W1766 | <i>cochlear</i> (Poli, 1795)                             | A southern species. Synonyms: <i>Hyotissa cochlear</i> , <i>Pycnodonte cochlear</i> .  |
| W1767 | PECTINACEA   |  |
| W1768 | Pectinidae   | See Wagner (1991).   |
| W1769 | <i>Pecten</i> O F Müller, 1776                           |  |
| W1770 | <i>Pecten</i> ( <i>Pecten</i> ) O F Müller, 1776         |  |
| W1771 | <i>maximus</i> (Linnaeus, 1758)                          |  |
| W1772 | <i>Aequipecten</i> Fischer, 1886                         |  |
| W1773 | <i>opercularis</i> (Linnaeus, 1758)                      | Synonym: <i>Chlamys opercularis</i> .  |
| W1774 | <i>Chlamys</i> Röding, 1798                              |  |
| W1775 | <i>Chlamys</i> ( <i>Chlamys</i> ) Röding, 1798           |  |
| W1776 | <i>distorta</i> (da Costa, 1778)                         | Synonyms: <i>Hinnites multistriata</i> (Poli, 1795); <i>C. pusio</i> auctt. non Linnaeus, 1758; <i>Hinnites distortus</i> .<br>A northern species.   |
| W1777 | <i>islandica</i> (O F Müller, 1776)                      |  |
| W1778 | <i>subsulcata</i> (Locard, 1898)                         |  |
| W1779 | <i>varia</i> (Linnaeus, 1758)                            |  |
| W1780 | <i>varia</i> var. <i>nivea</i> (Macgillivray, 1825)      | Synonym: <i>C. nivea</i> Macgillivray, 1825.   |
| W1781 | <i>Delectopecten</i> Stewart, 1930                       |  |
| W1783 | <i>vitreus</i> var. <i>abyssorum</i> (M Sars, 1868)      | Synonym: <i>Chlamys abyssorum</i> .  |
| W1784 | <i>Palliolium</i> Monterosato, 1884                      |  |
| W1785 | <i>striatum</i> (O F Müller, 1776)                       | Synonyms: <i>P. furtivum</i> (Lovén, 1846); <i>Camptonectes striatus</i> ; <i>Chlamys furtiva</i> ; <i>Chlamys striata</i> .<br>Synonyms: <i>Camptonectes tigrinus</i> ; <i>Camptonectes tigrinus</i> [error]; <i>Camptonectes triradiatus</i> (Müller 1776); <i>Chlamys tigrina</i> . |
| W1786 | <i>tigerinum</i> (O F Müller, 1776)                      |  |
| W1787 | <i>Peplum</i>  |  |
| W1788 | <i>clavatum</i> (Poli, 1795)                             | Synonym: <i>Pseudamussium clavatum</i> .   |
| W1789 | <i>Pseudamussium</i> Morch, 1853                         |  |
| W1791 | <i>septemradiatum</i> (O F Müller, 1776)                 |  |
| W1792 | Propeamussiidae  |  |
| W1793 | <i>Propeamussium</i> de Gregorio, 1884                   |  |
| W1794 | <i>lucidum</i> (Jeffreys in Thomson, 1873)               |  |
| W1795 | <i>Cyclopecten</i> Verrill, 1897                         |  |
| W1796 | <i>Cyclopecten</i> ( <i>Arctinula</i> ) Thiele, 1934     |  |
| W1797 | <i>greenlandicus</i> (G B Sowerby II, 1842)              | Synonyms: <i>Arctinula greenlandica</i> ; <i>Chlamys groenlandica</i> [error]; <i>Palliolium greenlandicum</i> ; <i>Pecten greenlandicus</i> ; <i>Delectopecten greenlandicus</i> .  |
| W1798 | <i>Hyalopecten</i> Verrill, 1897                         |  |
| W1801 | <i>parvulinus</i> (Locard, 1897)                         | Synonym: <i>Palliolium parvulinum</i> .  |
| W1802 | <i>Similipecten</i> Winckworth, 1932                     |  |
| W1803 | <i>similis</i> (Laskey, 1811)                            | Synonyms: <i>Delectopecten similis</i> ; <i>Chlamys similis</i> ; <i>Palliolium simile</i> .   |
| W1804 | ANOMIACEA  |  |
| W1805 | Anomiidae  |  |
| W1806 | <i>Anomia</i> Linnaeus, 1758                             |  |
| W1807 | <i>ephippium</i> Linnaeus, 1758                          |  |
| W1808 | <i>Heteranomia</i> Winckworth, 1922                      |  |
| W1809 | <i>squamula</i> (Linnaeus, 1758)                         | Synonym: <i>Pododesmus squamula</i> .  |
| W1810 | <i>Isonomia</i> Dautzenberg & Fischer, 1897              |  |
| W1811 | <i>alberti</i> (Dautzenberg & Fischer, 1896)             | A southern species.  |
| W1812 | <i>Pododesmus</i> Philippi, 1837                         |  |
| W1813 | <i>Pododesmus</i> ( <i>Monia</i> ) J E Gray, 1850        |  |
| W1814 | <i>patelliformis</i> (Linnaeus, 1761)                    | Synonyms: <i>Monia squama</i> (Gmelin, 1791); <i>Monia patelliformis</i> ; <i>Monia squama</i> (Gmelin 1791).  |
| W1815 | VENEROIDA  |  |
| W1816 | LUCINACEA  |  |
| W1817 | Lucinidae  |  |
| W1818 | Lucininae  |  |
| W1819 | <i>Codakia</i> Scopoli, 1777                             |  |
| W1820 | <i>Codakia</i> ( <i>Ctena</i> ) Morch, 1861              |  |
| W1821 | <i>decussata</i> (O G Costa, 1829)                       | A southern species. Synonym: <i>Ctena decussata</i> .  |
| W1822 | <i>Loripes</i> Poli, 1791                                |  |
| W1823 | <i>Loripes</i> ( <i>Loripes</i> ) Poli, 1791             |  |
| W1824 | <i>lucinalis</i> (Lamarck, 1818)                         | A southern species.  |
| W1825 | Myrteinae  |  |
| W1826 | <i>Myrtea</i> Turton, 1822                               |  |
| W1827 | <i>spinifera</i> (Montagu, 1803)                         |  |
| W1828 | <i>Lucinoma</i> Dall, 1901                               |  |
| W1829 | <i>borealis</i> (Linnaeus, 1767)                         |  |
| W1830 | Divaricellinae   |  |
| W1831 | <i>Lucinella</i> Monterosato, 1883                       |  |
| W1832 | <i>divaricata</i> (Linnaeus, 1758)                       | A southern species. Synonym: <i>Divaricella divaricata</i> (Linnaeus, 1758).   |
| W1833 | Thyasiridae  |  |
| W1834 | Thyasirinae  |  |
| W1835 | <i>Thyasira</i> Lamarck, 1818                            |  |
| W1836 | <i>Thyasira</i> ( <i>Thyasira</i> ) Lamarck, 1818        |  |
| W1837 | <i>flexuosa</i> (Montagu, 1803)                          |  |
| W1838 | <i>gouldi</i> (Philippi, 1845)                           |  |
| W1840 | <i>obsoleta</i> (Verrill & Bush, 1898)                   | Synonyms: <i>T. croulinensis</i> (Jeffreys, 1864) non Jeffreys, 1847; <i>Axinus croulinensis</i> .   |
| W1843 | <i>Thyasira</i> ( <i>Axinulus</i> ) Verrill & Bush, 1898 |  |
| W1845 | <i>croulinensis</i> (Jeffreys, 1847)                     | Synonym: <i>Axinulus croulinensis</i> (Jeffreys, 1847).  |
| W1847 | <i>subtrigona</i> (Jeffreys, 1858)                       | Generic placement uncertain. Synonyms: <i>Axinulus subtrigonus</i> ; <i>Kellia subtrigona</i> .  |
| W1850 | <i>Thyasira</i> ( <i>Mendicula</i> ) Iredale, 1924       |  |
| W1851 | <i>ferruginea</i> (Locard, 1886)                         |  |
| W1852 | <i>pygmaea</i> (Verrill & Bush, 1898)                    |  |

- W1853 *Thyasira (Parathyasira)* Iredale, 1930  
W1854 *equalis* (Verrill & Bush, 1898)
- Ungulinidae  
W1862 *Diplodonta* Bronn, 1831  
W1863 *Diplodonta (Diplodonta)* Bronn, 1831  
W1864 *rotundata* (Montagu, 1803) A southern species.  
W1865 *rotundata* var. *eddystonia* (Marshall, 1895)
- GALEOMMATACEA  
Galeommatidae  
W1868 *Galeomma* Turton, 1825  
W1869 *Galeomma (Galeomma)* Turton, 1825  
W1870 *turtoni* G B Sowerby I in Turton, 1825 A southern species.
- Kelliinae  
W1872 *Kellia* Turton, 1822  
W1873 *cycladea* S V Wood in J de C Sowerby, 1844 Possibly only subfossil within the area. Synonyms: *Axinulus cycladinus* [error]; *Axinulus cycladius* [error]; *Thyasira cycladia*.  
W1874
- W1875 *suborbicularis* (Montagu, 1803)  
W1876 *Pseudopythina* P Fischer, 1878  
W1877 *macandrewi* (P Fischer, 1867) Littoral. Synonym: *P. setosa* auctt. non Dunker in Grube, 1864.
- Lasaeinae  
W1878 *Lasaea* Brown, 1827  
W1879 *adansoni* (Gmelin, 1791) Littoral. Synonym: *L. rubra* Montagu, 1803.  
W1880  
W1881 *Semierycina* Cossmann in Cossman & Peyrot, 1911  
W1882 *nitida* (Turton, 1822) Synonyms: *Erycina nitida*; *Hemilepton nitidum*; *Lepton nitidum*.
- Leptonidae  
W1884 *Lepton* Turton, 1822  
W1885 *squamosum* (Montagu, 1803) A southern species, commensal with the crustacean *Upogebia*.  
W1887
- Montacutidae  
Montacutinae  
W1888 *Montacuta* Turton, 1822  
W1889 *donacina* S V Wood, 1851  
W1890 *substriata* (Montagu, 1808) Commensal with the echinoids *Spatangus* and *Echinocardium*.  
W1891  
W1892
- W1895 *Decipula* Friele, 1876  
W1896 *tenella* (Lovén, 1846) Synonyms: *D. ovata* Friele, 1876; *Montacuta tenella*; *Tellimya tenella*.
- W1897 *Devonia* Winckworth, 1930  
W1898 *perrieri* (Malard, 1904) Commensal with the holothurian *Leptosynapta*.  
W1899 *Mancikellia* Dall, 1899  
W1900 *pumila* (J C Sowerby, 1846) Synonyms: *Kellia pumila*; *Montacuta pumila*.  
W1901 *Tellimya* Brown, 1827  
W1902 *ferruginosa* (Montagu, 1808) Commensal with the echinoid *Echinocardium*. Synonyms: *T. nivea* (G O Sars, 1878); *Montacuta nivea*; *Montacuta ferruginosa*.
- W1903 *phascolionis* (Dautzenberg & Fischer, 1925) A southern species. Synonyms: *Montacuta phascolionis*; *Phascoliophila phascolionis*.
- Mysellinae  
W1904 *Mysella* Angas, 1877  
W1905 *bidentata* (Montagu, 1803)  
W1906 *dawsoni* (Jeffreys, 1864) Synonyms: *Altenaeum dawsoni*; *Montacuta dawsoni*.  
W1907 *tumidula* (Jeffreys, 1866)
- Orobitellinae  
W1908 *Epilepton* Dall, 1899  
W1909 *clarkiae* (Clark, 1852) Synonym: *Potidoma clarkae*.  
W1910 *subtrigonum* (Fischer in Folin & Perrier, 1875) A southern species, French coasts only, commensal with the polychaete *Polyodontes maxillosus*. Synonyms: *Lepton subtrigonum*; *Potidoma subtrigonum*.  
W1911  
W1912
- W1913 CYAMIACEA  
W1914 Neoleptonidae  
W1915 *Neolepton* Monterosato, 1875  
W1916 *obliquatum* (Chaster, 1897)  
W1917 *sulcatulum* (Jeffreys, 1859)  
W1918 *Arculus* Monterosato, 1909  
W1919 *sykesi* (Chaster, 1895)
- ASTARTACEA  
Astartidae  
W1920 *Astarte* J Sowerby, 1816  
W1921 *Astarte (Astarte)* J Sowerby, 1816  
W1922 *crebricostata* Forbes, 1847 A northern species.  
W1923 *sulcata* (da Costa, 1778)  
W1924 *Digitaria* S V Wood, 1853  
W1925 *digitaria* (Linnaeus, 1758) A southern species.  
W1926 *Goodallia* Turton, 1822  
W1927 *triangularis* (Montagu, 1803) Synonym: *Astarte triangularis*.  
W1928 *Tridonta* Schumacher, 1817  
W1929 *Tridonta (Tridonta)* Schumacher, 1817  
W1930 *borealis* Schumacher, 1817 Synonym: *Astarte borealis*.  
W1931 *elliptica* (Brown, 1827) Synonym: *Astarte elliptica*.  
W1932 *Tridonta (Nicania)* Leach, 1819  
W1933 *montagui* (Dillwyn, 1817) Synonym: *Astarte montagui*.  
W1934  
W1935
- W1936 CARDIACEA  
W1937 Cardiidae  
W1938 Cardiinae  
W1939 *Acanthocardia* J E Gray, 1851  
W1940 *Acanthocardia (Acanthocardia)* J E Gray, 1851  
W1941 *aculeata* (Linnaeus, 1758) A southern species.  
W1942 *echinata* (Linnaeus, 1758)  
W1943

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|-------|---|---|
| W1944 | <i>paucicostata</i> (G B Sowerby II, 1834)          | A southern species. Synonym: <i>Sphaerocardium paucicostatum</i> .  |
| W1945 | <i>Acanthocardia (Rudicardium) Coen</i> , 1915      |   |
| W1946 | <i>tuberculata</i> (Linnaeus, 1758)                 | A southern species.   |
| W1947 | <i>Parvicardium</i> Monterosato, 1884               |   |
| W1949 | <i>exiguum</i> (Gmelin, 1791)                       | Synonym: <i>Cerastoderma exiguum</i> (Gmelin, 1791).  |
| W1950 | <i>minimum</i> (Philippi, 1836)                     | Synonym: <i>Cerastoderma minimum</i> .  |
| W1951 | <i>ovale</i> (G B Sowerby II, 1840)                 | Synonym: <i>Cerastoderma ovale</i> .  |
| W1952 | <i>scabrum</i> (Philippi, 1844)                     | Synonym: <i>Cerastoderma scabrum</i> .  |
| W1953 | <i>Plagiocardium</i> Cossmann, 1886                 |   |
| W1954 | <i>Plagiocardium (Papillicardium) Sacco</i> , 1899  |   |
| W1955 | <i>papillosum</i> (Poli, 1795)                      | A southern species. Synonyms: <i>Papillicardium papillosum</i> ; <i>Parvicardium papillosum</i> .             |
| W1956 | Laevicardiinae                                      |   |
| W1957 | <i>Laevicardium</i> Swainson, 1840                  |   |
| W1958 | <i>Laevicardium (Laevicardium) Swainson</i> , 1840  |   |
| W1959 | <i>crassum</i> (Gmelin, 1791)                       |   |
| W1960 | <i>Cerastoderma</i> Poli, 1795                      |   |
| W1961 | <i>edule</i> (Linnaeus, 1758)                       | Littoral. Synonym: <i>Cardium edule</i> .   |
| W1962 | <i>glaucum</i> (Poiret, 1789)                       | A brackish-water littoral species. Synonyms: <i>Cardium lamarckii</i> (Reeve, 1845); <i>Cardium glaucum</i> . |
| W1963 | <i>Clinocardium</i> Keen, 1936                      |   |
| W1964 | <i>Clinocardium (Ciliatocardium) Kafanov</i> , 1974 |   |
| W1965 | <i>ciliatum</i> (O Fabricius, 1780)                 | A northern species. Synonym: <i>Ciliatocardium ciliatum</i> .   |
| W1966 | MACTRACEA   |   |
| W1967 | Mactridae   |   |
| W1968 | Mactrinae   |   |
| W1969 | <i>Mactra</i> Linnaeus, 1767                        |   |
| W1970 | <i>Mactra (Mactra) Linnaeus</i> , 1767              |   |
| W1971 | <i>glauca</i> Born, 1778                            | A southern species.   |
| W1972 | <i>stultorum</i> (Linnaeus, 1758)                   | Synonym: <i>M. corallina</i> Linnaeus, 1758.  |
| W1973 | <i>Spisula</i> J E Gray, 1837                       |   |
| W1974 | <i>Spisula (Spisula) J E Gray</i> , 1837            |   |
| W1975 | <i>elliptica</i> (Brown, 1827)                      |   |
| W1976 | <i>ovalis</i> (J Sowerby, 1817)                     |   |
| W1977 | <i>solida</i> (Linnaeus, 1758)                      |   |
| W1978 | <i>subtruncata</i> (da Costa, 1778)                 |   |
| W1979 | <i>Spisula (Hemimactra) Swainson</i> , 1840         |   |
| W1980 | <i>solidissima</i> (Dillwyn, 1817)                  |   |
| W1981 | Lutrariinae   |   |
| W1982 | <i>Lutraria</i> Lamarck, 1799                       |   |
| W1983 | <i>angustior</i> Philippi, 1844                     |   |
| W1984 | <i>lutraria</i> (Linnaeus, 1758)                    |   |
| W1985 | <i>magna</i> (da Costa, 1778)                       | A southern species.   |
| W1986 | MESODESMATACEA                                      |   |
| W1987 | Mesodesmatidae                                      |   |
| W1988 | <i>Donacilla</i> Philippi, 1836                     |   |
| W1989 | <i>cornea</i> (Poli, 1795)                          | A southern species.   |
| W1990 | SOLENACEA   |   |
| W1991 | Solenidae   |   |
| W1992 | <i>Solen</i> Linnaeus, 1758                         |   |
| W1993 | <i>Solen (Solen) Linnaeus</i> , 1758                |   |
| W1994 | <i>marginatus</i> Pulteney, 1799                    | Synonym: <i>S. vagina</i> (auctt. non Linnaeus, 1758).  |
| W1995 | Pharidae  |   |
| W1996 | <i>Ensis</i> Schumacher, 1817                       |   |
| W1997 | <i>americanus</i> (Gould in Binney, 1870)           | Synonym: <i>E. directus</i> auctt. non Conrad, 1843.  |
| W1998 | <i>arcuatus</i> (Jeffreys, 1865)                    |   |
| W1999 | <i>ensis</i> (Linnaeus, 1758)                       |   |
| W2000 | <i>magnus</i> Schumacher, 1817                      | A northern species.   |
| W2001 | <i>siliqua</i> (Linnaeus, 1758)                     |   |
| W2002 | <i>siliqua var. minor</i> (Chenu, 1843)             |   |
| W2003 | <i>Pharus</i> J E Gray, 1840                        |   |
| W2004 | <i>legumen</i> (Linnaeus, 1758)                     |   |
| W2005 | <i>Phaxas</i> Leach, 1852                           |   |
| W2006 | <i>pellucidus</i> (Pennant, 1777)                   | Synonym: <i>Cultellus pellucidus</i> .  |
| W2007 | TELLINACEA  |   |
| W2008 | Tellinidae  |   |
| W2009 | Tellininae  |   |
| W2010 | <i>Angulus</i> Megerle von Muhlfeld, 1811           |   |
| W2011 | <i>squalidus</i> (Pulteney, 1799)                   | Synonyms: <i>Tellina incarnata</i> auctt. non (Linnaeus, 1758); <i>Tellina squalida</i> .                     |
| W2012 | <i>tenuis</i> (da Costa, 1778)                      | Synonym: <i>Tellina tenuis</i> .  |
| W2013 | <i>Arcopagia</i> Brown, 1827                        |   |
| W2014 | <i>Arcopagia (Arcopagia) Brown</i> , 1827           |   |
| W2015 | <i>crassa</i> (Pennant, 1777)                       | Synonym: <i>Tellina crassa</i> .  |
| W2016 | <i>Arcopella</i> Thiele, 1934                       |   |
| W2017 | <i>balaustina</i> (Linnaeus, 1758)                  | Synonyms: <i>Arcopagia balaustina</i> ; <i>Tellina balaustina</i> ; <i>Tellina britannica</i> Tomlin, 1934.   |
| W2018 | <i>Fabulina</i> J E Gray, 1851                      |   |
| W2019 | <i>fabula</i> (Gmelin, 1791)                        | Synonym: <i>Tellina fabula</i> .  |
| W2020 | <i>Moerella</i> P Fischer, 1887                     |   |
| W2021 | <i>donacina</i> (Linnaeus, 1758)                    | Synonym: <i>Tellina donacina</i> .  |
| W2022 | <i>jeffreysi</i> Johnston, 1931                     |   |
| W2023 | <i>pygmaea</i> (Lovén, 1846)                        | Synonyms: <i>Tellina pusilla</i> (Philippi, 1836 non Gmelin, 1791); <i>Tellina pygmaea</i> .                  |
| W2024 | <i>Quadrans</i> Bertin, 1878                        |   |
| W2025 | <i>serratus</i> (Brocchi, 1814)                     | A southern species, recorded from Brittany only.  |
| W2026 | Macominae   |   |
| W2027 | <i>Macoma</i> Leach, 1819                           |   |
| W2028 | <i>Macoma (Macoma) Leach</i> , 1819                 |   |
| W2029 | <i>balthica</i> (Linnaeus, 1758)                    | A brackish-water littoral species.  |

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|-------|---|---|
| W2030 | <i>calcareo</i> (Gmelin, 1791)                  |   |
| W2031 | <i>loveni</i> Jensen, 1905                      | A northern species.   |
| W2032 | <i>moesta</i> Deshayes, 1854                    | A northern species.   |
| W2033 | <i>torelli</i> Jensen, 1905                     | A northern species.   |
| W2034 | <i>Gastrana</i> Schumacher, 1817                |   |
| W2035 | <i>fragilis</i> (Linnaeus, 1758)                |   |
| W2036 | Donacidae                                       |   |
| W2037 | <i>Donax</i> Linnaeus, 1758                     |   |
| W2038 | <i>Donax (Capsella)</i> J E Gray, 1851          |   |
| W2039 | <i>variegatus</i> (Gmelin, 1791)                | A southern species; littoral.   |
| W2040 | <i>Donax (Cuneus)</i> da Costa, 1778            |   |
| W2041 | <i>vittatus</i> (da Costa, 1778)                | A southern species; littoral.   |
| W2042 | Psammobiidae                                    |   |
| W2043 | Psammobiinae                                    |   |
| W2044 | <i>Gari</i> Schumacher, 1817                    |   |
| W2045 | <i>Gari (Gobraeus)</i> Brown, 1844              |   |
| W2046 | <i>depressa</i> (Pennant, 1777)                 |   |
| W2047 | <i>Gari (Psammobella)</i> J E Gray, 1851        |   |
| W2048 | <i>costulata</i> (Turton, 1822)                 |   |
| W2049 | <i>tellinella</i> (Lamarck, 1818)               |   |
| W2050 | <i>Gari (Psammobia)</i> Lamarck, 1818           |   |
| W2051 | <i>fervensis</i> (Gmelin, 1791)                 |   |
| W2052 | Solecurtinae                                    |   |
| W2053 | <i>Solecurtus</i> de Blainville, 1824           |   |
| W2054 | <i>scopula</i> (Turton, 1822)                   |   |
| W2055 | <i>Azorinus</i> Recluz, 1869                    |   |
| W2056 | <i>chamasolen</i> (da Costa, 1778)              | Synonyms: <i>A. antiquatus</i> (Pulteney, 1799); <i>Solecurtus antiquatus</i> ; <i>Solecurtus chamasolen</i> .  |
| W2057 | Semelidae                                       |   |
| W2058 | <i>Abra</i> Lamarck, 1818                       |   |
| W2059 | <i>alba</i> (W Wood, 1802)                      |   |
| W2060 | <i>longicallus</i> (Scacchi, 1834)              |   |
| W2061 | <i>nitida</i> (O F Müller, 1776)                |   |
| W2062 | <i>prismatica</i> (Montagu, 1808)               |   |
| W2064 | <i>tenuis</i> (Montagu, 1803)                   |   |
| W2065 | <i>Ervilia</i> Turton, 1822                     |   |
| W2066 | <i>castanea</i> (Montagu, 1803)                 |   |
| W2067 | <i>Scrobicularia</i> Schumacher, 1816           |   |
| W2068 | <i>plana</i> (da Costa, 1778)                   |   |
| W2069 | ARCTICACEA                                      |   |
| W2070 | Arcticidae                                      |   |
| W2071 | <i>Arctica</i> Schumacher, 1817                 |   |
| W2072 | <i>islandica</i> (Linnaeus, 1767)               |   |
| W2075 | Trapeziidae                                     |   |
| W2076 | <i>Coralliophaga</i> de Blainville, 1824        |   |
| W2077 | <i>lithophagella</i> (Lamarck, 1819)            | A southern species.   |
| W2078 | GLOSSACEA                                       |   |
| W2079 | Glossidae                                       |   |
| W2080 | <i>Glossus</i> Poli, 1795                       |   |
| W2081 | <i>humanus</i> (Linnaeus, 1758)                 |   |
| W2085 | VENERACEA                                       |   |
| W2086 | Veneridae                                       |   |
| W2087 | Venerinae                                       |   |
| W2088 | <i>Venus</i> Linnaeus, 1758                     |   |
| W2089 | <i>verrucosa</i> Linnaeus, 1758                 |   |
| W2090 | <i>Circomphalus</i> Morch, 1853                 |   |
| W2091 | <i>casina</i> (Linnaeus, 1758)                  | Synonym: <i>Venus casina</i> .  |
| W2092 | Gafrariinae                                     |   |
| W2093 | <i>Gouldia</i> C B Adams, 1847                  |   |
| W2094 | <i>Gouldia (Gouldia)</i> C B Adams, 1847        |   |
| W2095 | <i>minima</i> (Montagu, 1803)                   | Synonym: <i>Gafrarium minimum</i> .   |
| W2096 | Chioninae                                       |   |
| W2097 | <i>Chamelea</i> Morch, 1853                     |   |
| W2098 | <i>gallina</i> (Linnaeus, 1758)                 | Synonym: <i>Venus striatula</i> (da Costa, 1778).   |
| W2099 | <i>Clausinella</i> J E Gray, 1851               |   |
| W2100 | <i>fasciata</i> (da Costa, 1778)                | Synonym: <i>Venus fasciata</i> .  |
| W2101 | <i>Mercenaria</i> Schumacher, 1817              |   |
| W2102 | <i>mercenaria</i> (Linnaeus, 1758)              |   |
| W2103 | <i>Timoclea</i> Brown, 1827                     |   |
| W2104 | <i>ovata</i> (Pennant, 1777)                    | Synonym: <i>Venus ovata</i> .   |
| W2105 | Pitarinae                                       |   |
| W2106 | <i>Callista</i> Poli, 1791                      |   |
| W2107 | <i>Callista (Callista)</i> Poli, 1791           |   |
| W2108 | <i>chione</i> (Linnaeus, 1758)                  |   |
| W2109 | Tapetinae                                       |   |
| W2110 | <i>Tapes</i> Megerle von Muhlfeld, 1811         |   |
| W2111 | <i>Tapes (Tapes)</i> Megerle von Muhlfeld, 1811 |   |
| W2112 | <i>aureus</i> (Gmelin, 1791)                    | Synonyms: <i>Venerupis aurea</i> ; <i>Paphia aurea</i> .  |
| W2113 | <i>rhomboides</i> (Pennant, 1777)               | Synonyms: <i>Paphia rhomboides</i> ; <i>Venerupis rhomboides</i> .  |
| W2114 | <i>Tapes (Ruditapes)</i> Chiamenti, 1900        |   |
| W2115 | <i>decussatus</i> (Linnaeus, 1758)              | Synonym: <i>Venerupis decussata</i> .   |
| W2116 | <i>philippinarum</i> (Adams & Reeve, 1850)      | Synonyms: <i>Venerupis semidecussatus</i> (Reeve, 1864); <i>Venerupis philippinarum</i> ; <i>Venerupis semidecussata</i> .  |
| W2117 | <i>Irus</i> Schmidt, 1818                       |   |
| W2118 | <i>Irus (Irus)</i> Schmidt, 1818                |   |
| W2119 | <i>irus</i> (Linnaeus, 1758)                    | Synonym: <i>Notirus irus</i> .  |
| W2122 | <i>Venerupis</i> Lamarck, 1818                  |   |
| W2123 | <i>Venerupis (Venerupis)</i> Lamarck, 1818      |   |
| W2124 | <i>senegalensis</i> (Gmelin, 1791)              | ? Synonyms: <i>V. corrugata</i> Gmelin, 1791; <i>V. pullastra</i> Montagu, 1803; <i>V. saxatilis</i> Fleuriou de Bellevue, 1802; <i>Venerupis geographica</i> (Gmelin, 1791). |



|       |   |   |
|-------|---|---|
| W2125 | Dosiniinae  |   |
| W2126 | <i>Dosinia</i> Scopoli, 1777                      |   |
| W2127 | <i>Dosinia (Asa)</i> Basterot, 1825               |   |
| W2128 | <i>lupinus</i> (Linnaeus, 1758)                   |   |
| W2129 | <i>Dosinia (Pectunculus)</i> da Costa, 1778       |   |
| W2130 | <i>exoleta</i> (Linnaeus, 1758)                   |   |
| W2131 | Turtoniidae                                       |   |
| W2132 | <i>Turtonia</i> Alder, 1848                       |   |
| W2133 | <i>minuta</i> (Fabricius, 1780)                   | Littoral.   |
| W2134 | Petricolidae                                      |   |
| W2135 | <i>Petricola</i> Lamarck, 1801                    |   |
| W2136 | <i>Petricola (Petricolaria)</i> Stoliczka, 1870   |   |
| W2137 | <i>pholadiformis</i> Lamarck, 1818                |   |
| W2138 | <i>Mysia</i> Lamarck, 1818                        |   |
| W2139 | <i>undata</i> (Pennant, 1777)                     |   |
| W2140 | MYOIDA  |   |
| W2141 | MYACEA  |   |
| W2142 | Myidae  |   |
| W2143 | Myinae  |   |
| W2144 | <i>Mya</i> Linnaeus, 1758                         |   |
| W2145 | <i>Mya (Mya)</i> Linnaeus, 1758                   |   |
| W2146 | <i>pseudoarenaria</i> Schlessch, 1931             | A northern species.   |
| W2147 | <i>truncata</i> Linnaeus, 1758                    |   |
| W2148 | <i>Mya (Arenomya)</i> Winckworth, 1930            |   |
| W2149 | <i>arenaria</i> Linnaeus, 1758                    |   |
| W2150 | Spheniinae  |   |
| W2151 | <i>Sphenia</i> Turton, 1822                       |   |
| W2152 | <i>binghami</i> Turton, 1822                      |   |
| W2153 | Corbulidae  |   |
| W2154 | Corbulinae  |   |
| W2155 | <i>Corbula</i> Bruguière, 1797                    |   |
| W2156 | <i>Corbula (Variocorbula)</i> Grant & Gale, 1931  |   |
| W2157 | <i>gibba</i> (Olivi, 1792)                        |   |
| W2158 | GASTROCHAENACEA                                   |   |
| W2159 | Gastrochaenidae                                   |   |
| W2160 | <i>Gastrochaena</i> Spengler, 1783                |   |
| W2161 | <i>Gastrochaena (Gastrochaena)</i> Spengler, 1738 |   |
| W2162 | <i>dubia</i> (Pennant, 1777)                      |   |
| W2163 | HIATELLACEA                                       |   |
| W2164 | Hiatellidae                                       |   |
| W2165 | <i>Hiatella</i> Bosc, 1801                        |   |
| W2166 | <i>arctica</i> (Linnaeus, 1767)                   | Synonyms: <i>H. rugosa</i> (Linnaeus, 1767) and <i>H. gallicana</i> (Lamarck, 1818) are possibly synonymous but their status is unresolved. |
| W2167 | <i>Cyrtodaria</i> Reuss, 1801                     |   |
| W2168 | <i>siliqua</i> (Spengler, 1793)                   | A southern species. Synonym: <i>C. kurriana</i> Dunker, 1862.   |
| W2169 | <i>Panomya</i> J E Gray, 1857                     |   |
| W2170 | <i>arctica</i> (Lamarck, 1818)                    | Synonym: <i>P. ampla</i> Dall, 1898.  |
| W2171 | <i>Saxicavella</i> P Fischer, 1878                |   |
| W2172 | <i>jeffreysi</i> Winckworth, 1930                 | Synonym: <i>S. plicata</i> (Montagu, 1808 non Gmelin, 1791).  |
| W2173 | PHOLADACEA  |   |
| W2174 | Pholadidae  |   |
| W2175 | Pholadinae  |   |
| W2176 | <i>Pholas</i> Linnaeus, 1758                      |   |
| W2177 | <i>Pholas (Pholas)</i> Linnaeus, 1758             |   |
| W2178 | <i>dactylus</i> Linnaeus, 1758                    | A southern species.   |
| W2179 | <i>Barnea</i> Risso, 1826                         |   |
| W2180 | <i>Barnea (Barnea)</i> Risso, 1826                |   |
| W2181 | <i>candida</i> (Linnaeus, 1758)                   |   |
| W2182 | <i>Barnea (Anchomasa)</i> Leach, 1852             |   |
| W2183 | <i>parva</i> (Pennant, 1777)                      | A southern species.   |
| W2184 | <i>Zirfaea</i> J E Gray, 1842                     |   |
| W2185 | <i>crispata</i> (Linnaeus, 1758)                  |   |
| W2186 | Martesiinae                                       |   |
| W2187 | <i>Martesia</i> G B Sowerby I, 1824               |   |
| W2188 | <i>Martesia (Martesia)</i> G B Sowerby I, 1824    |   |
| W2189 | <i>striata</i> (Linnaeus, 1758)                   | A southern species.   |
| W2190 | <i>Pholadidea</i> Turton, 1819                    |   |
| W2191 | <i>Pholadidea (Pholadidea)</i> Turton, 1819       |   |
| W2192 | <i>loscombiana</i> Turton, 1819                   |   |
| W2193 | Xylophagidae                                      |   |
| W2194 | <i>Xylophaga</i> Turton, 1822                     |   |
| W2195 | <i>dorsalis</i> (Turton, 1819)                    |   |
| W2196 | <i>praestans</i> E A Smith, 1903                  |   |
| W2197 | Teredinidae                                       |   |
| W2198 | Teredininae                                       |   |
| W2199 | <i>Teredo</i> Linnaeus, 1758                      |   |
| W2200 | <i>Teredo (Teredo)</i> Linnaeus, 1758             |   |
| W2201 | <i>navalis</i> Linnaeus, 1758                     |   |
| W2202 | <i>Lyrodus</i> Gould in Binney, 1870              |   |
| W2203 | <i>bipartitus</i> (Jeffreys, 1860)                | A southern species.   |
| W2204 | <i>pedicellatus</i> (Quatrefages, 1849)           | A southern species.   |
| W2205 | <i>Psiloteredo</i> Bartsch, 1922                  |   |
| W2206 | <i>megotara</i> (Hanley in Forbes & Hanley, 1848) | Synonym: <i>Teredo megotara</i> (Hanley in Forbes & Hanley, 1848).  |
| W2207 | <i>Teredora</i> Bartsch, 1921                     |   |
| W2208 | <i>malleolus</i> (Turton, 1822)                   | Synonym: <i>Teredo malleolus</i> .  |
| W2209 | <i>Teredothyra</i> Bartsch, 1921                  |   |
| W2210 | <i>excavata</i> (Jeffreys, 1860)                  | A southern species. Synonym: <i>Teredo excavata</i> (Jeffreys, 1860).   |
| W2211 | Bankiinae   |   |

- W2212 *Bankia* J E Gray, 1842  
W2213 *Bankia (Plumulella)* Clench & Turner, 1946  
W2214 *bipennata* (Turton, 1819) A southern species.  
W2215 *fimbriatula* (Moll & Roch, 1931) A southern species.  
W2216 *Nototerredo* Bartsch, 1923  
W2217 *norvegica* (Spengler, 1792) Synonym: *Terredo norvegica*.  
W2218 *Spathoterredo* Moll, 1928  
W2219 *spatha* (Jeffreys, 1860) A southern species.  
W2220 **PHOLADOMYOIDA**  
W2225 **THRACIACEA**  
W2226 Thraciidae  
W2227 *Thracia* J de C Sowerby, 1823  
W2228 *Thracia (Thracia)* J de C Sowerby, 1823  
W2229 *convexa* (W Wood, 1815)  
W2231 *phaseolina* (Lamarck, 1818) Synonym: *T papyracea* auctt. non Poli, 1791.  
W2232 *pubescens* (Pulteney, 1799)  
W2233 *villosiuscula* (Macgillivray, 1827)  
W2234 *Thracia (Ixartia)* Leach, 1852  
W2235 *distorta* (Montagu, 1803)  
W2236 Periplomatidae  
W2237 *Cochlodesma* Couthouy, 1839  
W2238 *Cochlodesma (Bontaea)* Leach in Brown, 1844  
W2239 *praetenue* (Pulteney, 1799)  
W2241 **PANDORACEA**  
W2242 Lyonsiidae  
W2243 *Lyonsia* Turton, 1822  
W2244 *Lyonsia (Lyonsia)* Turton, 1822  
W2247 *norvegica* (Gmelin, 1791)  
W2248 Pandoridae  
W2249 *Pandora* Bruguière, 1797  
W2250 *Pandora (Pandora)* Bruguière, 1797  
W2251 *inaequivalvis* (Linnaeus, 1758) A southern species. Synonyms: *P albida* Röding, 1798; *P. margaritacea* Lamarck, 1801.  
W2252 *pinna* (Montagu, 1803)  
W2253 **POROMYACEA**  
W2254 Poromyidae  
W2255 *Poromya* Forbes, 1844  
W2256 *Poromya (Poromya)* Forbes, 1844  
W2257 *granulata* (Nyst & Westendorp, 1839)  
W2275 **CUSPIDARIACEA**  
W2276 Cuspidariidae  
W2277 *Cuspidaria* Nardo, 1840  
W2278 *Cuspidaria (Cuspidaria)* Nardo, 1840  
W2280 *cuspidata* (Olivi, 1792)  
W2281 *exigua* (Jeffreys, 1876)  
W2282 *glacialis* (G O Sars, 1878)  
W2285 *parva* Verrill & Bush, 1898  
W2286 *rostrata* (Spengler, 1793)  
W2288 *Cuspidaria (Cardiomya)* A Adams, 1864  
W2289 *costellata* (Deshayes, 1833) Synonym: *Cardiomya costellata* (Deshayes, 1833).  
W2293 *Cuspidaria (Tropidomya)* Dall & Smith in Dall, 1886  
W2294 *abbreviata* (Forbes, 1843)  
W2298 **CEPHALOPODA**  
W2299 **SEPIOIDEA**  
W2300 Spirulidae  
W2301 *Spirula* Lamarck, 1799  
W2302 *spirula* (Linnaeus, 1758) Synonym: *S. peroni* Lamarck, 1822.  
W2303 Sepiidae  
W2304 *Sepia* Linnaeus, 1758  
W2305 *Sepia (Sepia)* Linnaeus, 1758  
W2306 *elegans* de Blainville, 1827  
W2307 *officinalis* Linnaeus, 1758  
W2308 *orbigniana* Férussac in Orbigny, 1826 Synonym: *S. orbignyana* ([error]).  
W2309 Sepiolidae  
W2310 Rossiinae  
W2311 *Rossia* Owen, 1834  
W2312 *glaucopsis* Lovén, 1845 A northern species.  
W2313 *macrosoma* (delle Chiaje, 1830)  
W2314 *palpebrosa* Owen in Ross, 1835  
W2315 *sublaevis* Verrill, 1878  
W2316 *Semirossia* Steenstrup, 1887  
W2317 *tenera* (Verrill, 1880) Synonym: *Rossia tenera*.  
W2318 Heteroteuthinae  
W2319 *Heteroteuthis* J E Gray, 1849  
W2320 *dispar* (Rüppell, 1844)  
W2321 Sepiolinae  
W2322 *Sepiola* Leach, 1817  
W2323 *Sepiola (Sepiola)* Leach, 1817  
W2324 *affinis* Naef, 1912 A southern species.  
W2325 *rondeletii* Leach, 1817 Synonym: *S. intermedia* (auctt. non Naef, 1912).  
W2326 *Sepiola (Hemisepiola)* Grimpe, 1922  
W2327 *aurantiaca* Jatta, 1896 Synonym: *S. pfefferi* (Grimpe, 1921).  
W2328 *Sepiola (Heterosepiola)* Grimpe, 1922  
W2329 *atlantica* Orbigny in Férussac & Orbigny, 1840 May be a synonym of *S. rondeletii*.  
W2330 *steenstrupiana* Levy, 1912 A southern species.  
W2331 *Sepietta* Naef, 1912  
W2332 *neglecta* Naef, 1916  
W2333 *oweniana* (Orbigny in Férussac & Orbigny, 1840)  
W2334 **TEUTHOIDEA**  
W2335 Loliginidae  
W2336 *Loligo* Lamarck, 1798

|       |                       |                    |  |
|-------|-----------------------|--------------------|--|
| W2337 | <i>forbesii</i>       | Steenstrup, 1856   |  |
| W2338 | <i>vulgaris</i>       | Lamarck, 1798      | A southern species.  |
| W2339 | <i>Alloteuthis</i>    | Wülker, 1920       |  |
| W2340 | <i>media</i>          | (Linnaeus, 1758)   | A southern species.  |
| W2341 | <i>subulata</i>       | (Lamarck, 1798)    |  |
| W2342 | Octopoteuthidae       |                    |  |
| W2343 | <i>Octopoteuthis</i>  | Rüppell, 1844      |  |
| W2344 | <i>sicula</i>         | Rüppell, 1844      |  |
| W2345 | Onychoteuthidae       |                    |  |
| W2346 | <i>Onychoteuthis</i>  | Lichtenstein, 1818 |  |
| W2347 | <i>banksii</i>        | (Leach, 1817)      |  |
| W2348 | Gonatidae             |                    | For revision of <i>Gonatus</i> see Kristensen (1981).  |
| W2349 | <i>Gonatus</i>        | J E Gray, 1849     |  |
| W2350 | <i>steenstrupi</i>    | Kristensen, 1981   | Synonym: <i>G. fabricii</i> (auctt. non Lichtenstein, 1818).   |
| W2351 | Architeuthidae        |                    |  |
| W2352 | <i>Architeuthis</i>   | Steenstrup, 1857   |  |
| W2353 | <i>dux</i>            | Steenstrup, 1857   | Synonyms: <i>A. clarkei</i> (Robson, 1933); <i>A. monachus</i> (Steenstrup, 1857).   |
| W2354 | Histioteuthidae       |                    |  |
| W2355 | <i>Histioteuthis</i>  | Orbigny, 1840      |  |
| W2356 | <i>bonnellii</i>      | (Férussac, 1835)   | Synonyms: <i>H. bonnelliana</i> Férussac, 1835; <i>H. bonelli</i> [error].   |
| W2357 | Bathyteuthidae        |                    |  |
| W2358 | <i>Bathyteuthis</i>   | Hoyle, 1885        |  |
| W2359 | <i>abyssicola</i>     | Hoyle, 1885        |  |
| W2360 | Brachioteuthidae      |                    |  |
| W2361 | <i>Brachioteuthis</i> | Verrill, 1881      |  |
| W2362 | <i>bowmani</i>        | Russell, 1909      |  |
| W2363 | <i>picta</i>          | Chun, 1910         | A southern species.  |
| W2364 | <i>riisei</i>         | (Steenstrup, 1882) |  |
| W2365 | Ommastrephidae        |                    |  |
| W2366 | Illicinae             |                    |  |
| W2367 | <i>Illex</i>          | Steenstrup, 1880   |  |
| W2368 | <i>coindetii</i>      | (Verany, 1839)     |  |
| W2369 | <i>Todaropsis</i>     | Girard, 1890       |  |
| W2370 | <i>ebianae</i>        | (Ball, 1841)       |  |
| W2371 | Todarodinae           |                    |  |
| W2372 | <i>Todarodes</i>      | Steenstrup, 1880   |  |
| W2373 | <i>sagittatus</i>     | (Lamarck, 1798)    | Synonym: <i>Sagittatus sagittatus</i> (Lamarck, 1798).   |
| W2374 | Ommastrephinae        |                    |  |
| W2375 | <i>Ommastrephes</i>   | Orbigny, 1835      |  |
| W2376 | <i>bartramii</i>      | (Lesueur, 1821)    | Synonyms: <i>Sthenoteuthis caroli</i> (Furtado, 1887); <i>O. pteropus</i> auctt non Steenstrup, 1855; <i>O. pteropus</i> auctt. non Steenstrup, 1855; <i>Sthenoteuthis caroli</i> (Furtado, 1887); <i>Sthenoteuthis bartramii</i> , <i>Stenotheuthis pteropus</i> auctt. See Heppell (1992). |
| W2377 | Thysanoteuthidae      |                    |  |
| W2378 | <i>Thysanoteuthis</i> | Troschel, 1857     |  |
| W2379 | <i>rhombus</i>        | Troschel, 1857     |  |
| W2383 | Cranchiidae           |                    |  |
| W2384 | Taoniinae             |                    |  |
| W2385 | <i>Galiteuthis</i>    | Joubin, 1898       |  |
| W2386 | <i>armata</i>         | Joubin, 1898       | Synonym: <i>Taonidium pfefferi</i> Russell, 1909.  |
| W2387 | <i>Helicocranchia</i> | Massy, 1907        |  |
| W2388 | <i>pfefferi</i>       | Massy, 1907        |  |
| W2389 | <i>Teuthowenia</i>    | Chun, 1910         |  |
| W2390 | <i>megalops</i>       | (Prosch, 1849)     | Synonyms: <i>Desmoteuthis megalops</i> ; <i>Megalocranchia megalops</i> ; <i>Taonius megalops</i> ; <i>Taonius thori</i> Degner, 1925; <i>Verilliteuthis hyperborea</i> (Steenstrup, 1861).  |
| W2391 | <b>OCTOPODA</b>       |                    |  |
| W2392 | Octopodidae           |                    |  |
| W2393 | Octopodinae           |                    |  |
| W2394 | <i>Octopus</i>        | Cuvier, 1797       |  |
| W2395 | <i>vulgaris</i>       | Cuvier, 1797       |  |
| W2396 | Eledoninae            |                    |  |
| W2397 | <i>Eledone</i>        | Leach, 1817        |  |
| W2398 | <i>cirrhusa</i>       | (Lamarck, 1798)    |  |
| W2399 | Bathypolypodinae      |                    |  |
| W2400 | <i>Bathypolypus</i>   | Grimpe, 1921       |  |
| W2401 | <i>arcticus</i>       | (Prosch, 1849)     |  |
| W2402 | <i>Benthoctopus</i>   | Grimpe, 1921       |  |
| W2403 | <i>ergasticus</i>     | (Fischer, 1892)    | A southern species.  |
| W2404 | Alloposidae           |                    |  |
| W2406 | <i>Haliphron</i>      | Steenstrup, 1859   |  |
| W2407 | <i>atlanticus</i>     | Steenstrup, 1861   | Synonym: <i>Alloposus mollis</i> (Verrill, 1880).  |

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# BRACHIOPODA

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**BRACHIOPODA****INTRODUCTION**

The phylum Brachiopoda is a group of lophophorate organisms which have in the past frequently been classed with the phoronids and bryozoans in the phylum Lophophorata. The brachiopods are well represented in the fossil record, and have a long evolutionary history; there are many thousand fossil species known, but only about 300 living species. Their systematics have thus primarily been the province of palaeontologists, and the resulting classification, reflecting the complex phylogeny of the group, is based on the large amount of descriptive work available on both fossil and recent species. The classification used in this checklist follows Ryland (1990) who provides good illustrations and descriptions of many of the British species.

The taxonomy of recent brachiopods and the species known from the British Isles have changed little since Brunton & Curry (1979), and the checklist is therefore based on this publication. 19 species are known from depths shallower than 200m within the area. There is little work currently being carried out on the living animals so there are unlikely to be any major changes to the list in the near future.

**CLASSIFICATION**Phylum **BRACHIOPODA**Class **INARTICULATA**Order **ACROTRETIDA**Family **Craniidae** ..... X6Class **ARTICULATA**Order **RHYNCHONELLIDA**Family **Cryptoporidae** ..... X12Family **Hemithirididae** ..... X15Family **Frieleiidae** ..... X18Order **TEREBRATULIDA**Family **Terebratulidae** ..... X24Family **Cancellothyrididae** ..... X27Family **Megathirididae** ..... X33Family **Platidiidae** ..... X41Family **Kraussinidae** ..... X45Family **Dallinidae** ..... X48Family **Laqueidae** ..... X55



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Phylum BRACHIOPODA

|     |  |   |
|-----|--|---|
| X1  | BRACHIOPODA                                  |   |
| X2  | INARTICULATA                                 | Ecardines.  |
| X3  | ACROTRETIDA                                  |   |
| X4  | CRANIIDINA                                   |   |
| X5  | CRANIACEA                                    |   |
| X6  | Craniidae                                    |   |
| X7  | <i>Neocrania</i> Lee & Brunton, 1986         | Synonym: <i>Crania</i> . See Lee & Brunton (1986).  |
| X8  | <i>anomala</i> (O F Müller, 1776)            |   |
| X9  | ARTICULATA                                   | Testicardines.  |
| X10 | RHYNCHONELLIDA                               |   |
| X11 | RHYNCHONELLACEA                              |   |
| X12 | Cryptoporidae                                |   |
| X13 | <i>Cryptopora</i> Jeffreys, 1869             |   |
| X14 | <i>gnomon</i> Jeffreys, 1869                 | See Curry (1983).   |
| X15 | Hemithiridae                                 | Synonym: Hemithyridae. Spelling has been changed by an ICZN ruling. See Ryland (1990).    |
| X16 | <i>Hemithiris</i> d'Orbigny, 1847            |   |
| X17 | <i>psittacea</i> (Gmelin, 1790)              |   |
| X18 | Frieleiidae                                  |   |
| X19 | <i>Hispanirhynchia</i> Thompson, 1927        |   |
| X20 | <i>cornea</i> (Davidson, 1887)               |   |
| X21 | TEREBRATULIDA                                |   |
| X22 | TEREBRATULIDINA                              |   |
| X23 | TEREBRATULACEA                               |   |
| X24 | Terebratulidae                               |   |
| X25 | <i>Gryphus</i> Megerle von Muhlfield, 1811   |   |
| X26 | <i>vitreus</i> (Born, 1778)                  |   |
| X27 | Cancellothyrididae                           |   |
| X28 | <i>Terebratulina</i> d'Orbigny, 1847         | See Curry (1982).   |
| X29 | <i>retusa</i> (Linnaeus, 1758)               | Synonym: <i>Anomia caputserpentis</i> .   |
| X30 | <i>septentrionalis</i> (Couthouy, 1838)      | Has often been confused with <i>T. retusa</i> .   |
| X31 | TEREBRATELLIDINA                             |   |
| X32 | TEREBRATELLACEA                              |   |
| X33 | Megathiridae                                 | Synonym: Megathyrididae. Spelling has been changed by and ICZN ruling. See Ryland (1990). |
| X34 | <i>Argyrotheca</i> Dall, 1900                |   |
| X35 | <i>cistellula</i> (Searles-Wood, 1841)       |   |
| X36 | <i>cuneata</i> (Risso, 1826)                 |   |
| X37 | <i>Gwynia</i> King, 1859                     |   |
| X38 | <i>capsula</i> (Jeffreys, 1859)              |   |
| X39 | <i>Megathiris</i> d'Orbigny, 1847            |   |
| X40 | <i>detruncata</i> (Gmelin, 1790)             |   |
| X41 | Platidiidae                                  |   |
| X42 | <i>Platidia</i> Costa, 1852                  |   |
| X43 | <i>anomioides</i> (Scacchi & Philippi, 1844) |   |
| X44 | <i>dauidsoni</i> (Deslongchamp, 1885)        |   |
| X45 | Kraussinidae                                 |   |
| X46 | <i>Megeria</i> King, 1850                    |   |
| X47 | <i>truncata</i> (Linnaeus, 1767)             |   |
| X48 | Dallinidae                                   |   |
| X49 | <i>Dallina</i> Beecher, 1893                 |   |
| X50 | <i>septigera</i> (Lovén, 1846)               |   |
| X51 | <i>Fallax</i> Atkins, 1960                   |   |
| X52 | <i>dalliniformis</i> Atkins, 1960            |   |
| X53 | <i>Glaciarcula</i> Elliot, 1956              |   |
| X54 | <i>spitzbergensis</i> (Davidson, 1852)       |   |
| X55 | Laqueidae                                    |   |
| X56 | <i>Macandrevia</i> King, 1859                |   |
| X57 | <i>cranium</i> (O F Müller, 1776)            |   |

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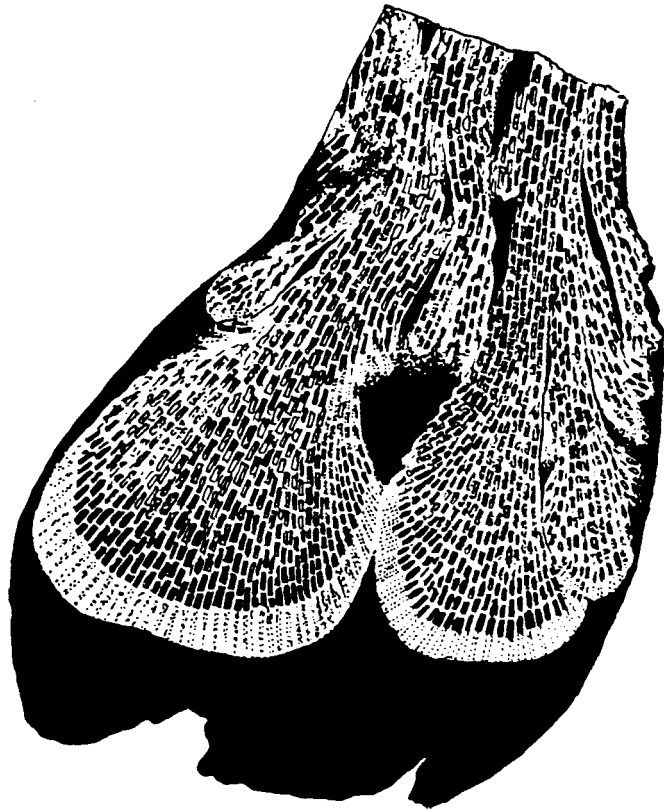
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## **BRYOZOA**

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# BRYOZOA

## INTRODUCTION

Bryozoan systematic arrangements are still imperfect, particularly at the family and higher taxonomic levels. For the British sea area, species and genera are reasonably well defined, although a few uncertainties remain and, without doubt, a number of species will be added to the faunal list in the years ahead. Intertidal and coastal species are now fairly well known but it is certain that others remain to be discovered in offshore habitats off the south-western Channel, off the north-east coast of Scotland and around the Shetland Isles.

The taxonomy employed in the present list follows that of the four bryozoan volumes of the Linnean Society *Synopses of the British Fauna*. Subsequent taxonomic changes have been incorporated in this list and the classification of families and superfamilies is based on the work of Gordon (1984, 1986, 1989). The ctenostome genus *Alcyonidium* continues to be a problem and it is certain that a number of intertidal and coastal species have yet to be defined properly. The Cyclostomata have only recently begun to be subjected to critical review, and the list of species given in the Synopsis (No. 34) is certain to be augmented. The Linnean Society Synopses (Nos. 10 and 14) are at present being revised, and the first of these should be available in mid 1997. It is possible that both these synopses will contain further additional species and changes to the higher classification.

## CLASSIFICATION

### Phylum BRYOZOA

#### Class STENOLAEMATA

##### Order CYCLOSTOMATIDA

|                              |     |
|------------------------------|-----|
| Family Crisiidae .....       | Y4  |
| Family Oncousoeciidae .....  | Y20 |
| Family Tubuliporidae .....   | Y26 |
| Family Diastoporidae .....   | Y37 |
| Family Terviidae .....       | Y47 |
| Family Annectocymidae .....  | Y50 |
| Family Horneridae .....      | Y55 |
| Family Stegohorneridae ..... | Y58 |
| Family Lichenoporidae .....  | Y61 |

#### Class GYMNOLAEMATA

##### Order CTENOSTOMATIDA

###### Suborder CARNOSA

|                                |      |
|--------------------------------|------|
| Family Alcyonidiidae .....     | Y72  |
| Family Flustrellidridae .....  | Y82  |
| Family Arachnidiidae .....     | Y85  |
| Family Nolellidae .....        | Y90  |
| Family Victorellidae .....     | Y97  |
| Family Immergentiidae .....    | Y103 |
| Family Monobryozoontidae ..... | Y106 |

###### Suborder STOLONIFERA

|                              |      |
|------------------------------|------|
| Family Walkeriidae .....     | Y110 |
| Family Mimosellidae .....    | Y113 |
| Family Triticellidae .....   | Y117 |
| Family Hypophorellidae ..... | Y123 |
| Family Penetrantiidae .....  | Y126 |
| Family Vesiculariidae .....  | Y129 |
| Family Buskiidae .....       | Y143 |
| Family Spathiporidae .....   | Y146 |

##### Order CHEILOSTOMATIDA

###### Suborder INOVICELLINA

###### Superfamily AETEOIDEA

|                       |      |
|-----------------------|------|
| Family Aeteidae ..... | Y152 |
|-----------------------|------|

###### Suborder SCRUPARIINA

###### Superfamily SCRUPARIOIDEA

|  |      |
|--|------|
| Family <b>Scrupariidae</b> .....       | Y159 |
| Family <b>Eucrateidae</b> .....        | Y163 |
| Suborder <b>MALACOSTEGINA</b>          |      |
| Superfamily <b>MEMBRANIPOROIDEA</b>    |      |
| Family <b>Membraniporidae</b> .....    | Y168 |
| Family <b>Electridae</b> .....         | Y174 |
| Suborder <b>NEOCHEILOSTOMATINA</b>     |      |
| Superfamily <b>FLUSTROIDEA</b>         |      |
| Family <b>Flustridae</b> .....         | Y185 |
| Superfamily <b>CALLOPOROIDEA</b>       |      |
| Family <b>Calloporidae</b> .....       | Y200 |
| Family <b>Chaperiidae</b> .....        | Y235 |
| Superfamily <b>BUGULOIDEA</b>          |      |
| Family <b>Bugulidae</b> .....          | Y239 |
| Family <b>Beaniidae</b> .....          | Y259 |
| Family <b>Epistomiidae</b> .....       | Y262 |
| Family <b>Candidae</b> .....           | Y265 |
| Superfamily <b>MICROPOROIDEA</b>       |      |
| Family <b>Microporidae</b> .....       | Y284 |
| Family <b>Setosellidae</b> .....       | Y294 |
| Superfamily <b>CELLARIOIDEA</b>        |      |
| Family <b>Cellariidae</b> .....        | Y298 |
| Suborder <b>ASCOPHORINA</b>            |      |
| Superfamily <b>CRIBRILINOIDEA</b>      |      |
| Family <b>Cribrilinidae</b> .....      | Y306 |
| Superfamily <b>HIPPOTHOOIDEA</b>       |      |
| Family <b>Hippothoidae</b> .....       | Y330 |
| Family <b>Chorizoporidae</b> .....     | Y342 |
| Superfamily <b>LEPRALIELLOIDEA</b>     |      |
| Family <b>Umbonulidae</b> .....        | Y347 |
| Family <b>Romancheinidae</b> .....     | Y353 |
| Family <b>Exochellidae</b> .....       | Y356 |
| Family <b>Escharellidae</b> .....      | Y361 |
| Family <b>Lepraliellidae</b> .....     | Y378 |
| Family <b>Porellidae</b> .....         | Y381 |
| Family <b>Tessaradomidae</b> .....     | Y394 |
| Superfamily <b>ADEONOIDEA</b>          |      |
| Family <b>Adeonidae</b> .....          | Y398 |
| Superfamily <b>SCHIZOPORELLOIDEA</b>   |      |
| Family <b>Watersiporidae</b> .....     | Y406 |
| Family <b>Cryptosulidae</b> .....      | Y409 |
| Family <b>Hippoporinidae</b> .....     | Y412 |
| Family <b>Teuchoporidae</b> .....      | Y419 |
| Family <b>Schizoporellidae</b> .....   | Y422 |
| Family <b>Stomachetosellidae</b> ..... | Y444 |
| Family <b>Gigantoporidae</b> .....     | Y449 |
| Superfamily <b>SMITTINOIDEA</b>        |      |
| Family <b>Smittinidae</b> .....        | Y453 |
| Family <b>Microporellidae</b> .....    | Y478 |
| Superfamily <b>CELLEPOROIDEA</b>       |      |
| Family <b>Celleporidae</b> .....       | Y493 |
| Family <b>Hippoporidridae</b> .....    | Y516 |
| Family <b>Phidoloporidae</b> .....     | Y521 |

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Phylum BRYOZOA

- Y1        **BRYOZOA**  
Y2        **STENOLAEMATA**  
Y3        **CYCLOSTOMATIDA**  
Y4            Crisiidae  
Y5              *Filicrisia* d'Orbigny, 1853  
Y6                *geniculata* (Milne-Edwards, 1838)  
Y7              *Crisidia* Milne-Edwards, 1838  
Y8                *cornuta* (Linnaeus, 1758)  
Y9              *Bicrisia* d'Orbigny, 1853  
Y10              *abyssicola* Kluge, 1962  
Y11              *Crisiella* Borg, 1924  
Y12                *producta* (Smitt, 1865)  
Y13              *Crisia* Lamouroux, 1812  
Y14                *aculeata* Hassall, 1841  
Y15                *calyptostoma* Hayward & Ryland, 1978  
Y16                *denticulata* (Lamarck, 1816)  
Y17                *eburnea* (Linnaeus, 1758)  
Y18                *klugei* Ryland, 1967  
Y19                *ramosa* Harmer, 1891  
Y20            Oncousoeciidae  
Y21              *Stomatoporina* Balavoine, 1958  
Y22                *incurvata* (Hincks, 1859)  
Y23              *Oncousoecia* Canu, 1918  
Y24                *diastoporides* (Norman, 1869)  
Y25                *dilatans* (Johnston, 1847)  
Y26            Tubuliporidae  
Y27              *Tubulipora* Lamarck, 1816  
Y28                *aperta* Harmer, 1898  
Y29                *fiabellaris* (Fabricius, 1780)  
Y30                *liliacea* (Pallas, 1766)  
Y31                *lobifera* Hastings, 1963  
Y32                *penicillata* (Fabricius, 1780)  
Y33                *phalangea* Couch, 1844  
Y34                *plumosa* Thompson in Harmer, 1898  
Y35              *Idmidronea* Canu & Bassler, 1920  
Y36                *atlantica* (Forbes in Johnston, 1847)  
Y37            Diastoporidae  
Y38              *Eurystrotos* Hayward & Ryland, 1985  
Y39                *compacta* (Norman, 1866)  
Y40              *Plagioecia* Canu, 1918  
Y41                *patina* (Lamarck, 1816)  
Y42                *sarmiensis* (Norman, 1864)  
Y43              *Diplosolen* Canu, 1918  
Y44                *obelis* (Johnston, 1838)  
Y45              *Liripora* MacGillivray, 1887  
Y46                *amphorae* (Harmelin, 1974)  
Y47            Terviidae  
Y48              *Tervia* Jullien, 1882  
Y49                *irregularis* (Meneghini, 1844)  
Y50            Annectocymidae  
Y51              *Annectocyma* Hayward & Ryland, 1985  
Y52                *major* (Johnston, 1847)  
Y53              *Entalophoroecia* Harmelin, 1974  
Y54                *deflexa* (Couch, 1842)  
Y55            Horneridae  
Y56              *Hornera* Lamouroux, 1821  
Y57                *lichenoides* (Linnaeus, 1758)  
Y58            Stegohorneridae  
Y59              *Stegohornera* Borg, 1944  
Y60                *violacea* (M Sars, 1863)  
Y61            Lichenoporidae  
Y62              *Lichenopora* Defrance, 1823  
Y63                *radiata* (Audouin, 1826)  
Y64                *verrucaria* (Fabricius, 1780)  
Y65              *Disporella* J E Gray, 1848  
Y66                *hispida* (Fleming, 1828)  
Y67              *Coronopora* J E Gray, 1848  
Y68                *truncata* (Fleming, 1828)  
Y69            **GYMNOLAEMATA**  
Y70            **CTENOSTOMATIDA**  
Y71            **CARNOSA**  
Y72            Alcyoniidae  
Y73              *Alcyonidium* Lamouroux, 1813  
Y74                *albidum* Alder, 1857  
Y75                *cellarioides* Calvet, 1900  
Y76                *diaphanum* (Hudson, 1762)  
Y77                *gelatinosum* (Linnaeus, 1761)  
Y78                *hirsutum* (Fleming, 1828)  
Y79                *mamillatum* Alder, 1857  
Y80                *mytili* Dalyell, 1848  
Y81                *parasiticum* (Fleming, 1828)  
Y82            Flustrellidridae  
Y83              *Flustrellidra* Bassler, 1953  
Y84                *hispida* (Fabricius, 1780)  
Y85            Arachnidiidae  
Y86              *Arachnidium* Hincks, 1859  
Y87                *clavatum* Hincks, 1877  
Y88                *fibrosum* Hincks, 1880
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- Y89 *hippoothooides* Hincks, 1859  
 Y90 Nolellidae  
 Y91 *Nolella* Gosse, 1855  
 Y92 *dilatata* (Hincks, 1860)  
 Y93 *pusilla* (Hincks, 1880)  
 Y94 *stipata* Gosse, 1855  
 Y95 *Anguinea* van Beneden, 1845  
 Y96 *palmata* van Beneden, 1845  
 Y97 Victorellidae  
 Y98 *Victorella* Saville Kent, 1870  
 Y99 *muelleri* (Kraepelin, 1887)  
 Y100 *pavida* Saville Kent, 1870  
 Y101 *Bulbella* Braem, 1951  
 Y102 *abscondita* Braem, 1951  
 Y103 Immergentiidae  
 Y104 *Immergentia* Silén, 1946  
 Y105 *suecica* Silén, 1947  
 Y106 Monobryozoontidae  
 Y107 *Monobryozoon* Remane, 1936  
 Y108 *ambulans* Remane, 1936  
 Y109 STOLONIFERA  
 Y110 Walkeriidae  
 Y111 *Walkeria* Fleming, 1823  
 Y112 *uva* (Linnaeus, 1758)  
 Y113 Mimosellidae  
 Y114 *Mimosella* Hincks, 1851  
 Y115 *gracilis* Hincks, 1851  
 Y116 *verticillata* (Heller, 1867)  
 Y117 Triticellidae  
 Y118 *Triticella* Dalyell, 1848  
 Y119 *flava* Dalyell, 1848  
 Y120 *pedicellata* (Alder, 1857)  
 Y121 *Farrella* Ehrenberg, 1838  
 Y122 *repens* (Farre, 1837)  
 Y123 Hypophorellidae  
 Y124 *Hypophorella* Ehlers, 1876  
 Y125 *expansa* Ehlers, 1876  
 Y126 Penetrantiidae  
 Y127 *Penetrantia* Silén, 1946  
 Y128 *concharum* Silén, 1946  
 Y129 Vesiculariidae  
 Y130 *Vesicularia* Thompson, 1830  
 Y131 *spinosa* (Linnaeus, 1767)  
 Y132 *Amathia* Lamouroux, 1812  
 Y133 *guernei* Chimonides, 1987  
 Y134 *intermedis* Chimonides, 1987  
 Y135 *lendigera* (Linnaeus, 1758)  
 Y136 *pruvoti* Calvet, 1911  
 Y137 *Bowerbankia* Farre, 1837  
 Y138 *citrina* (Hincks, 1877)  
 Y139 *gracilis* Leidy, 1855  
 Y140 *gracillima* (Hincks, 1877)  
 Y141 *imbricata* (Adams, 1798)  
 Y142 *pustulosa* (Ellis & Solander, 1786)  
 Y143 Buskiidae  
 Y144 *Buskia* Alder, 1856  
 Y145 *nitens* Alder, 1856  
 Y146 Spathiporidae  
 Y147 *Spathipora* Fischer, 1866  
 Y148 *sertum* (Fischer, 1866)

Revision by Chimonides (1987).

Name presently applied to a single specimen of two zooids.

**CHEILOSTOMATIDA**

## INOVICELLINA

## AETEOIDEA

## Aeteidae

- Y153 *Aetea* Lamouroux, 1812  
 Y154 *anguina* (Linnaeus, 1758)  
 Y155 *sica* (Couch, 1844)  
 Y156 *truncata* (Landsborough, 1852)  
 Y157 SCRUPARIINA  
 Y158 SCRUPARIOIDEA  
 Y159 Scrupariidae  
 Y160 *Scruparia* Oken, 1815  
 Y161 *ambigua* (d'Orbigny, 1841)  
 Y162 *chelata* (Linnaeus, 1758)  
 Y163 Eucrateidae  
 Y164 *Eucratea* Lamouroux, 1812  
 Y165 *loricata* (Linnaeus, 1758)  
 Y166 MALACOSTEGINA  
 Y167 MEMBRANIPOROIDEA  
 Y168 Membraniporidae  
 Y169 *Membranipora* de Blainville, 1830  
 Y170 *membranacea* (Linnaeus, 1767)  
 Y171 *Conopeum* J E Gray, 1848  
 Y172 *reticulum* (Linnaeus, 1767)  
 Y173 *seurati* (Canu, 1928)  
 Y174 Electridae  
 Y175 *Electra* Lamouroux, 1816  
 Y176 *crustulenta* (Pallas, 1766)  
 Y177 *monostachys* (Busk, 1854)  
 Y178 *pilosa* (Linnaeus, 1767)  
 Y179 *Pyripora* d'Orbigny, 1852

- Y180 *catenularia* (Fleming, 1828)  
Y181 *Aspidelectra* Levinsen, 1909  
Y182 *melolontha* (Landsborough, 1852)  
Y183 NEOCHEILOSTOMATINA  
Y184 FLUSTROIDEA  
Y185 Flustridae  
Y186 *Flustra* Linnaeus, 1761  
Y187 *foliacea* (Linnaeus, 1758)  
Y188 *Carbasea* J E Gray, 1848  
Y189 *carbasea* (Ellis & Solander, 1786)  
Y190 *Chartella* J E Gray, 1848  
Y191 *barleei* (Busk, 1860)  
Y192 *papyracea* (Ellis & Solander, 1786)  
Y193 *Securiflustra* Silén, 1941  
Y194 *securifrons* (Pallas, 1766)  
Y195 *Hincksina* Norman, 1903  
Y196 *flustroides* (Hincks, 1877)  
Y197 *Sarsiflustra* Jullien, 1903  
Y198 *abyssicola* (G O Sars, 1872)  
Y199 CALLOPOROIDEA  
Y200 Calloporidae  
Y201 *Callopora* J E Gray, 1848  
Y202 *craticula* (Alder, 1856)  
Y203 *discreta* (Hincks, 1862)  
Y204 *dumerilii* (Audouin, 1826)  
Y205 *lineata* (Linnaeus, 1767)  
Y206 *rylandi* Bobin & Prenant, 1965  
Y207 *Alderina* Norman, 1903  
Y208 *imbellis* (Hincks, 1860)  
Y209 *Crassimarginatella* Canu, 1900  
Y210 *solidula* (Hincks, 1860)  
Y211 *Cauloramphus* Norman, 1903  
Y212 *spiniferum* (Johnston, 1832)  
Y213 *Tegella* Levinsen, 1909  
Y214 *unicornis* (Fleming, 1828)  
Y215 *Copidozoum* Harmer, 1926  
Y216 *exiguum* (Barroso, 1920)  
Y217 *planum* (Hincks, 1880)  
Y218 *tenuirostre* (Hincks, 1880)  
Y219 *Parellisina* Osburn, 1940  
Y220 *curvirostris* (Hincks, 1862)  
Y221 *Amphiblestrum* J E Gray, 1848  
Y222 *auritum* (Hincks, 1877)  
Y223 *flemingii* (Busk, 1854)  
Y224 *solidum* (Packard, 1860)  
Y225 *Ellisina* Norman, 1903  
Y226 *gautieri* Fernandez Pulpeiro & Reverter Gil, 1993  
Y227 *Ramphonotus* Norman, 1894  
Y228 *minax* (Busk, 1860)  
Y229 *Megapora* Hincks, 1877  
Y230 *ringens* (Busk, 1856)  
Y231 *Ammatophora* Norman, 1903  
Y232 *nodulosa* (Hincks, 1877)  
Y233 *Membraniporella* Smitt, 1873  
Y234 *nitida* (Johnston, 1838)  
Y235 Chaperiidae  
Y236 *Lamacicus* Norman, 1903  
Y237 *corniger* (Busk, 1859)  
Y238 BUGULOIDEA  
Y239 Bugulidae  
Y240 *Bugula* Oken, 1815  
Y241 *avicularia* (Linnaeus, 1758)  
Y242 *calathus* Norman, 1864  
Y243 *flabellata* (Thompson in Gray, 1848)  
Y244 *fulva* Ryland, 1960  
Y245 *neritina* (Linnaeus, 1758)  
Y246 *plumosa* (Pallas, 1766)  
Y247 *purpurotincta* Norman, 1868  
Y248 *simplex* Hincks, 1886  
Y249 *stolonifera* Ryland, 1960  
Y250 *turbinata* Alder, 1857  
Y251 *Dendrobeania* Levinsen, 1909  
Y252 *fessa* Kluge, 1955  
Y253 *fruticosa* (Packard, 1863)  
Y254 *murrayana* (Bean in Johnston, 1847)  
Y255 *Bicellariella* Levinsen, 1909  
Y256 *ciliata* (Linnaeus, 1758)  
Y257 *Bicellarina* Levinsen, 1909  
Y258 *alderi* (Busk, 1859)  
Y259 Beaniidae  
Y260 *Beania* Johnston, 1840  
Y261 *mirabilis* Johnston, 1840  
Y262 Epistomiidae  
Y263 *Epistomia* Fleming, 1828  
Y264 *bursaria* (Linnaeus, 1758)  
Y265 Candidae  
Y266 *Caberea* Lamouroux, 1816  
Y267 *boryi* (Audouin, 1826)  
Y268 *ellisii* (Fleming, 1814)  
Y269 *Notoplites* Harmer, 1923  
Y270 *damicornis* Hayward & Ryland, 1978

See Bishop & Hayward (1989).

- Y271 *evocata* (Jullien, 1882)  
 Y272 *harmeri* Ryland, 1963  
 Y273 *jeffreysii* (Norman, 1868)  
 Y274 *Scrupocellaria* van Beneden, 1845  
 Y275 *inermis* Norman, 1867  
 Y276 *reptans* (Linnaeus, 1767)  
 Y277 *scabra* (van Beneden, 1848)  
 Y278 *scrupea* Busk, 1852  
 Y279 *scruposa* (Linnaeus, 1758)  
 Y280 *Tricellaria* Fleming, 1828  
 Y281 *peachii* (Busk, 1851)  
 Y282 *ternata* (Ellis & Solander, 1786)  
 Y283 MICROPOROIDEA  
 Y284 Microporidae  
 Y285 *Micropora* J E Gray, 1848  
 Y286 *coriacea* (Johnston, 1847)  
 Y287 *normani* Levinsen, 1909  
 Y288 *Calpensia* Jullien, 1888  
 Y289 *nobilis* (Esper, 1796)  
 Y290 *Rosselliana* Jullien, 1888  
 Y291 *rossellii* (Audouin, 1826)  
 Y292 *Steraechemella* Lagaaïj, 1952  
 Y293 *buski* Lagaaïj, 1952  
 Y294 Setosellidae  
 Y295 *Setosella* Hincks, 1877  
 Y296 *vulnerata* (Busk, 1860)  
 Y297 CELLARIOIDEA  
 Y298 Cellariidae  
 Y299 *Cellaria* Ellis & Solander, 1786  
 Y300 *fistulosa* (Linnaeus, 1758)  
 Y301 *salicornioides* Lamouroux, 1816  
 Y302 *sinuosa* (Hassall, 1840)  
 Y303 ASCOPHORINA  
 Y304 ACANTHOSTEGOMORPHA  
 Y305 CRIBRILINOIDEA  
 Y306 Cribrilinidae  
 Y307 *Cribrilina* J E Gray, 1848  
 Y308 *annulata* (Fabricius, 1780)  
 Y309 *cryptoecium* Norman, 1903  
 Y310 *punctata* (Hassall, 1841)  
 Y311 *Gephyrotes* Norman, 1903  
 Y312 *nitidopunctata* (Smitt, 1868)  
 Y313 *Collarina* Jullien, 1886  
 Y314 *balzaci* (Audouin, 1826)  
 Y315 *Puellina* Jullien, 1886  
 Y316 *arrecta* Bishop & Househam, 1987  
 Y317 *bifida* (d'Hondt, 1970)  
 Y318 *corbula* Bishop & Househam, 1987  
 Y319 *directa* Bishop & Househam, 1987  
 Y320 *gattyae* (Landsborough, 1852)  
 Y321 *innominata* (Couch, 1844)  
 Y322 *modica* Bishop & Househam, 1987  
 Y323 *praecox* Bishop & Househam, 1987  
 Y324 *setosa* (Waters, 1899)  
 Y325 *venusta* Canu & Bassler, 1925  
 Y326 *Figularia* Jullien, 1886  
 Y327 *figularis* (Johnston, 1847)  
 Y328 HIPPOTHOOMORPHA  
 Y329 HIPPOTHOOIDEA  
 Y330 Hippothoidae  
 Y331 *Hippothoa* Lamouroux, 1821  
 Y332 *divaricata* Lamouroux, 1821  
 Y333 *flagellum* Manzoni, 1870  
 Y334 *Plesiothoa* Gordon & Hastings, 1979  
 Y335 *gigerium* (Ryland & Gordon, 1977)  
 Y336 *Celleporella* J E Gray, 1848  
 Y337 *hyalina* (Linnaeus, 1767)  
 Y338 *Haplota* Marcus, 1940  
 Y339 *clavata* (Hincks, 1857)  
 Y340 *Trypostega* Levinsen, 1909  
 Y341 *venusta* (Norman, 1864)  
 Y342 Chorizoporidae  
 Y343 *Chorizopora* Hincks, 1879  
 Y344 *brongniartii* (Audouin, 1826)  
 Y345 UMBONULOMORPHA  
 Y346 LEPRALIELLOIDEA  
 Y347 Umbonulidae  
 Y348 *Umbonula* Hincks, 1880  
 Y349 *littoralis* Hastings, 1944  
 Y350 *ovicellata* Hastings, 1944  
 Y351 *Ragionula* Canu & Bassler, 1927  
 Y352 *rosacea* (Busk, 1856)  
 Y353 Romancheinidae  
 Y354 *Arctonula* Gordon & Grischenko, 1994  
 Y355 *arctica* (M Sars, 1851)  
 Y356 Exochellidae  
 Y357 *Escharoides* Milne-Edwards, 1836  
 Y358 *coccinea* (Abildgaard, 1806)  
 Y359 *mamillata* (Wood, 1844)  
 Y360 *jacksoni* (Waters, 1900)  
 Y361 Escharellidae

See Bishop (1988). Synonym: *C. cribrrosa* (Jullien, 1886).  
Revised by Bishop & Househam (1987).

Synonym: *Cribrilaria innominata* (Couch, 1844).

Occurrence in area unproven (Bishop & Househam, 1987).  
Synonym: *Cribrilaria radiata* (Moll, 1803).



|      |  |   |
|------|--|---|
| Y362 | <i>Escharella</i> J E Gray, 1848             |   |
| Y363 | <i>abyssicola</i> (Norman, 1869)             |   |
| Y364 | <i>immersa</i> (Fleming, 1828)               |   |
| Y365 | <i>klugei</i> Hayward, 1979                  |   |
| Y366 | <i>labiosa</i> (Busk, 1856)                  |   |
| Y367 | <i>laqueata</i> (Norman, 1864)               |   |
| Y368 | <i>octodentata</i> (Hincks, 1880)            |   |
| Y369 | <i>variolosa</i> (Johnston, 1838)            |   |
| Y370 | <i>ventricosa</i> (Hassall, 1842)            |   |
| Y371 | <i>Hemicyclopora</i> Norman, 1894            |   |
| Y372 | <i>microstoma</i> (Norman, 1864)             |   |
| Y373 | <i>multispinata</i> (Busk, 1861)             |   |
| Y374 | <i>polita</i> (Norman, 1864)                 |   |
| Y375 | <i>Neolagenipora</i> Vigneaux, 1949          |   |
| Y376 | <i>collaris</i> (Norman, 1867)               |   |
| Y377 | <i>eximia</i> (Hincks, 1860)                 |   |
| Y378 | Lepraliellidae                               |   |
| Y379 | <i>Lepraliella</i> Levinsen, 1916            |   |
| Y380 | <i>hippopus</i> (Smitt, 1868)                |   |
| Y381 | Porellidae                                   |   |
| Y382 | <i>Porella</i> J E Gray, 1848                |   |
| Y383 | <i>alba</i> Nordgaard, 1906                  |   |
| Y384 | <i>compressa</i> (Sowerby, 1805)             |   |
| Y385 | <i>concinna</i> (Busk, 1854)                 |   |
| Y386 | <i>laevis</i> (Fleming, 1828)                |   |
| Y387 | <i>minuta</i> (Norman, 1868)                 |   |
| Y388 | <i>patula</i> (M Sars, 1851)                 |   |
| Y389 | <i>struma</i> (Norman, 1868)                 |   |
| Y390 | <i>Palmiskenea</i> Bishop & Hayward, 1989    | Previously included in <i>Palmicellaria</i> .           |
| Y391 | <i>lorea</i> (Alder, 1864)                   |   |
| Y392 | <i>plana</i> (Hincks, 1888)                  |   |
| Y393 | <i>skenei</i> (Ellis & Solander, 1786)       |   |
| Y394 | Tessaradomidae                               |   |
| Y395 | <i>Tessaradoma</i> Norman, 1869              |   |
| Y396 | <i>boreale</i> (Busk, 1860)                  |   |
| Y397 | ADEONIDEA                                    |   |
| Y398 | Adeonidae                                    |   |
| Y399 | <i>Reptadeonella</i> Busk, 1884              |   |
| Y400 | <i>insidiosa</i> (Jullien, 1903)             |   |
| Y401 | <i>violacea</i> (Johnston, 1847)             |   |
| Y402 | <i>Anarthropora</i> Smitt, 1868              |   |
| Y403 | <i>monodon</i> (Busk, 1860)                  |   |
| Y404 | LEPRALIOMORPHA                               |   |
| Y405 | SCHIZOPORELLOIDEA                            |   |
| Y406 | Watersiporidae                               |   |
| Y407 | <i>Watersipora</i> Neviani, 1895             |   |
| Y408 | <i>complanata</i> (Norman, 1864)             |   |
| Y409 | Cryptosulidae                                |   |
| Y410 | <i>Cryptosula</i> Canu & Bassler, 1925       |   |
| Y411 | <i>pallasiana</i> (Moll, 1803)               |   |
| Y412 | Hippoporinidae                               |   |
| Y413 | <i>Hippoporina</i> Neviani, 1895             |   |
| Y414 | <i>pertusa</i> (Esper, 1796)                 |   |
| Y415 | <i>Codonellina</i> Bassler, 1934             |   |
| Y416 | <i>lacunata</i> Hayward & Bille Hansen, 1998 |   |
| Y417 | <i>Pentapora</i> Fischer, 1807               |   |
| Y418 | <i>foliacea</i> (Ellis & Solander, 1786)     |   |
| Y419 | Teuchoporidae                                |   |
| Y420 | <i>Phylactella</i> Hincks, 1879              |   |
| Y421 | <i>labrosa</i> (Busk, 1854)                  |   |
| Y422 | Schizoporellidae                             |   |
| Y423 | <i>Schizoporella</i> Hincks, 1877            |   |
| Y424 | <i>cornualis</i> Hayward & Ryland, 1995      |   |
| Y425 | <i>dunkeri</i> (Reuss, 1848)                 |   |
| Y426 | <i>errata</i> (Waters, 1878)                 |   |
| Y427 | <i>hesperia</i> Hayward & Ryland, 1995       |   |
| Y429 | <i>magnifica</i> Hincks, 1886                |   |
| Y430 | <i>patula</i> Hayward & Ryland, 1995         | Formerly <i>Schizoporella dunkeri</i> Ryland non Reuss. |
| Y431 | <i>unicornis</i> (Johnston in Wood, 1844)    |   |
| Y432 | <i>Schizobrachiella</i> Canu & Bassler, 1920 |   |
| Y433 | <i>sanguinea</i> (Norman, 1868)              |   |
| Y434 | <i>Arthropoma</i> Levinsen, 1909             |   |
| Y435 | <i>cecilii</i> (Audouin, 1826)               |   |
| Y436 | <i>Escharina</i> Milne-Edwards, 1836         |   |
| Y437 | <i>alderi</i> (Busk, 1856)                   |   |
| Y438 | <i>dutertrei</i> (Audouin, 1826)             |   |
| Y439 | <i>hyndmanni</i> (Johnston, 1847)            |   |
| Y440 | <i>johnstoni</i> (Quelch, 1884)              |   |
| Y441 | <i>vulgaris</i> (Moll, 1803)                 |   |
| Y442 | <i>Phaeostachys</i> Hayward, 1979            |   |
| Y443 | <i>spinifera</i> (Johnston, 1847)            |   |
| Y444 | Stomachetosellidae                           |   |
| Y445 | <i>Stomachetosella</i> Canu & Bassler, 1917  |   |
| Y446 | <i>cruenta</i> (Busk, 1854)                  |   |
| Y447 | <i>normani</i> Hayward, 1994                 |   |
| Y448 | <i>sinuosa</i> (Busk, 1860)                  |   |
| Y449 | Gigantoporidae                               |   |
| Y450 | <i>Cylindroporella</i> Hincks, 1877          |   |
| Y451 | <i>tubulosa</i> (Norman, 1868)               |   |
| Y453 | Smittinidae                                  |   |
| Y454 | <i>Smittina</i> Norman, 1903                 |   |

- Y455 *affinis* (Hincks, 1862)  
 Y456 *bella* (Busk, 1860)  
 Y457 *cheilostoma* (Manzoni, 1870)  
 Y458 *crystallina* (Norman, 1867)  
 Y459 *landsborovii* (Johnston, 1847)  
 Y460 *Smittoidea* Osburn, 1952  
 Y461 *amplissima* Hayward, 1979  
 Y462 *marmorea* (Hincks, 1877)  
 Y463 *reticulata* (MacGillivray, 1842)  
 Y464 *Parasmittina* Osburn, 1952  
 Y465 *trispinosa* (Johnston, 1838)  
 Y467 *Schizomavella* Canu & Bassler, 1917  
 Y468 *auriculata* (Hassall, 1842)  
 Y469 *cristata* (Hincks, 1879)  
 Y470 *cuspidata* (Hincks, 1880)  
 Y471 *discoidea* (Busk, 1859)  
 Y472 *hastata* (Hincks, 1862)  
 Y473 *hondti* Reverter Gil & Fernandez Pulpeiro, 1996  
 Y474 *linearis* (Hassall, 1841)  
 Y475 *ochracea* (Hincks, 1880)  
 Y476 *samiensis* Hayward & Thorpe, 1995  
 Y477 *teresae* Reverter Gil & Fernandez Pulpeiro, 1996  
 Y478 *Microporellidae*  
 Y479 *Microporella* Hincks, 1877  
 Y480 *ciliata* (Pallas, 1766)  
 Y481 *marsupiata* (Busk, 1860)  
 Y482 *Fenestulina* Jullien, 1888  
 Y483 *malusii* (Audouin, 1826)  
 Y484 *Diporula* Hincks, 1879  
 Y485 *verrucosa* (Peach, 1868)  
 Y486 *Haplopoma* Levinsen, 1909  
 Y487 *bimucronatum* (Moll, 1803)  
 Y488 *graniferum* (Johnston, 1847)  
 Y489 *impressum* (Audouin, 1826)  
 Y490 *pianum* Ryland, 1963  
 Y491 *sciaphilum* Silén & Harmelin, 1976  
 Y492 **CELLEPOROIDEA**  
 Y493 *Celleporidae*  
 Y494 *Cellepora* Linnaeus, 1767  
 Y495 *pumicosa* (Pallas, 1766)  
 Y496 *Celleporina* J E Gray, 1848  
 Y497 *decipiens* Hayward, 1976  
 Y498 *hassallii* (Johnston, 1847)  
 Y499 *pygmaea* (Norman, 1868)  
 Y500 *tubulosa* (Hincks, 1880)  
 Y501 *Lagenipora* Hincks, 1877  
 Y502 *lepralioides* (Norman, 1868)  
 Y503 *Turbicellepora* Ryland, 1963  
 Y504 *avicularis* (Hincks, 1860)  
 Y505 *boreale* Hayward & Bille Hansen, 1998  
 Y506 *magnicostata* (Barroso, 1919)  
 Y507 *Omalosecosa* Canu & Bassler, 1925  
 Y508 *ramulosa* (Linnaeus, 1767)  
 Y509 *Buskea* Heller, 1867  
 Y510 *dichotoma* (Hincks, 1862)  
 Y511 *quincuncialis* (Norman, 1867)  
 Y512 *Palmicellaria* Alder, 1864  
 Y513 *elegans* Alder, 1864  
 Y514 *Buffonellaria* Canu & Bassler, 1927  
 Y515 *divergens* (Smitt, 1873)  
 Y516 *Hippoporidridae*  
 Y517 *Hippoporidra* Canu & Bassler, 1927  
 Y518 *lusitania* Taylor & Cook, 1981  
  
 Y519 *Hagiosynodos* Bishop & Hayward, 1989  
 Y520 *latus* (Busk, 1856)  
 Y521 *Phidoloporidae*  
 Y522 *Reteporella* Busk, 1884  
 Y523 *beaniana* (King, 1846)  
 Y524 *couchii* (Hincks, 1878)  
 Y525 *incognita* Hayward & Ryland, 1996  
 Y526 *septentrionalis* (Harmer, 1933)  
 Y527 *watersi* (Nordgaard, 1907)  
 Y528 *Schizotheca* Hincks, 1877  
 Y529 *divisa* (Norman, 1864)  
 Y530 *fissa* (Busk, 1856)  
 Y531 *serratimargo* Hincks, 1886  
 Y532 *Rhynchozoon* Hincks, 1895  
 Y533 *bispinosum* (Johnston, 1847)  
 Y534 *Stephanollona* Duvergier, 1921  
 Y535 *armata* (Hincks, 1862)

*Hippoporidra edax* (Busk 1859) in part, which is now limited to fossil species in British Isles and the western Atlantic (Taylor & Cook 1981). See Bishop (1987) for association with pagurid species.

Synonyms: *Brodiaella armata* (Hincks, 1862); *Buffonellaria armata* (Hincks, 1862).

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# **CYCLIOPHORA**

compiled by

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# CYCLIOPHORA

## INTRODUCTION

Cycliophorans are minute sessile organisms which live attached to the mouthparts of the Norway Lobster *Nephrops norvegicus*. They possess an ovoid body borne on a short stalk and an apical feeding funnel bearing some resemblance to Entoprocts to which they are undoubtedly related. Internal buds are produced repeatedly to replace the feeding funnel and to release motile reproductive stages. A complex life cycle occurs involving both sexual and asexual phases.

The phylum has only recently been described and is represented at present by a single species, *Symbion pandora* Funch & Kristensen, 1995. Although they are relatively small, about a third of a millimetre in length, it is surprising that an ectocommensal on a crustacean of such economic importance has remained undiscovered for so long.

Funch and Kristensen (1995) record *S. pandora* from *Nephrops* collected at Frederikshavn (Denmark), Gullmarfjord (Sweden) and Kaldback (Faroe Islands). However, *Nephrops* material recently examined from the Firth of Clyde has also revealed their presence (M. O'Reilly, unpubl.) and it seems likely that their distribution is closely related to that of their host.

## CLASSIFICATION

Phylum **CYCLIOPHORA**

Class **EUCYCLIOPHORA**

Order **SYMBIIDA**

Family **Symbiidae** ..... YA4

## Phylum CYCLIOPHORA

|     |   |
|-----|---|
| YA1 | <b>CYCLIOPHORA</b>                      |
| YA2 | <b>EUCYCLIOPHORA</b>                    |
| YA3 | <b>SYMBIIDA</b>                         |
| YA4 | Symbiidae                               |
| YA5 | <i>Symbion</i> Funch & Kristensen, 1995 |
| YA6 | <i>pandora</i> Funch & Kristensen, 1995 |

## REFERENCE

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# **PHORONIDA**

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# PHORONIDA

## INTRODUCTION

The phylum Phoronida comprises a small but widely distributed group of marine worms which inhabit the intertidal and shallow water and have been widely present in the world's seas since the Devonian. They are lophophorate organisms and some authors (see Emig, 1979) have included the Phoronida, the Bryozoa and the Brachiopoda as classes of the phylum Lophophorata, although they are now normally considered separate. Currently only two genera, *Phoronis* Wright and *Phoronopsis* Gilchrist, and 10 species are recognized. All have a wide geographical range, but as yet only the genus *Phoronis* has been recorded from the British Isles. Many of the characters used to define the species are variable and thus several are of dubious status. Separate names have been used for the larvae and are sometimes still encountered; the only phoronid larva so far identified in British waters is *Actinotrocha branchiata* although others have been recorded.

The checklist is based on Emig (1979, 1982) and Ryland (1990); there appear to be few other workers on the taxonomy of the group.

## CLASSIFICATION

Phylum PHORONIDA

Family Phoronidae ..... ZA2

Phylum PHORONIDA

|     |                    |                        |   |
|-----|--------------------|------------------------|---|
| ZA1 | PHORONIDA          |                        |   |
| ZA2 | Phoronidae         |                        |   |
| ZA3 | <i>Phoronis</i>    | Wright, 1856           |   |
| ZA4 | <i>hippocrepi</i>  | Wright, 1856           | Synonyms: <i>P. caespitosa</i> Cori, 1889; <i>P. capensis</i> Gilchrist, 1907; <i>P. gracilis</i> van Beneden, 1858; <i>P. kowalevskii</i> Benham, 1887; larva <i>Actinotrocha hippocrepi</i> Silén, 1954. Cosmopolitan species. Larva <i>Actinotrocha branchiata</i> . |
| ZA5 | <i>muelleri</i>    | Selys-Longchamps, 1903 | Cosmopolitan species.   |
| ZA6 | <i>ovalis</i>      | Wright, 1856           | Not yet recorded from the British Isles, but known from the Swedish and German coasts. Larva <i>Actinotrocha pallida</i> .  |
| ZA7 | <i>pallida</i>     | Schneider              | Synonyms: <i>P. architecta</i> Andrews, 1890; <i>P. sabatieri</i> Roule, 1889. Still unknown from the British Isles, but recorded from the north coast of Brittany, and a cosmopolitan species. Larva unknown.  |
| ZA8 | <i>psammophila</i> | Cori, 1889             |   |

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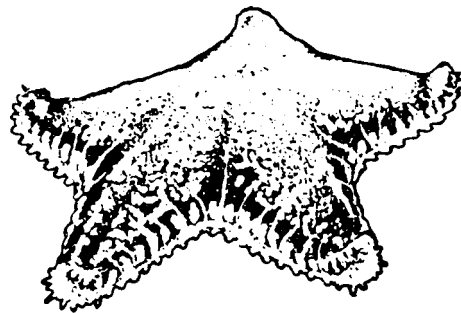
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# ECHINODERMATA

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# ECHINODERMATA

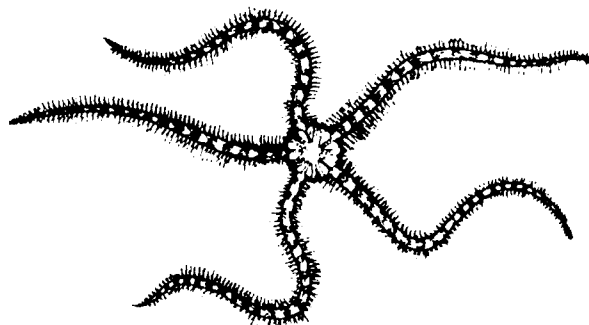
## INTRODUCTION

The echinoderms are an important group of entirely marine invertebrates. Of the five classes, seastars (asteroids) and sea urchins (echinoids) are well known but the remaining three, the holothurians or sea cucumbers; the crinoids or featherstars and the ophiuroids or brittlestars, are much less well studied. The echinoderm fauna around the British Isles is rich in species, largely because several zoogeographic zones overlap around these islands with many species reaching either their northern or southern limits of distribution. Echinoderms are ubiquitous around our shores and are often the most ecologically important species within any particular habitat. Despite this, our knowledge of echinoderms is still very incomplete, even in a relatively well-known fauna such as occurs around the British Isles.

This list comprises all the species of echinoderms known to occur on the continental shelf around the British Isles, i.e. all the species which occur at depths of 200m or less. It includes species which are found at the boundaries of the sea area, have recently been described or whose bathymetric range elsewhere indicates that they may be found on the shelf, as there is a tendency for otherwise deep sea species to be found in very shallow depths in the Arctic. These deep water species are only included where their distribution extends at least the length of the western edge of the sea area and their bathymetric limits are such that they may occur on the shelf, albeit rarely. These species are indicated by "DS" in the notes section of the list. Those interested in the rich, deep sea fauna to the west of the British Isles are directed to the research of the Scottish Marine Biological Association and its collaborators, particularly in the Rockall Trough (Paterson, 1985; Gage *et al.*, 1983; Harvey *et al.*, 1988). To further assist in using the list, species which have been recorded from the British Isles and are known to occur shallower than 50 m are marked \*.

The previous version of this list (Howson, 1987) was compiled directly from Mortensen (1927) "Echinoderms of the British Isles". Although this book is still very much in use, it is now seriously out of date. This is particularly true of the higher classification, where considerable modifications have occurred. To simplify the list, the only higher order classifications used are Class, Order and Family. The taxonomy at the species level is recognisably similar but even here there have been changes. The classification of the Crinoidea and Echinoidea as it affects the species covered here is virtually unchanged since Mortensen. The Asteroidea have, however, undergone considerable revision and this list follows the proposed classification of Blake (1987). New species have been added through the work of Madsen (1987) on the *Henricia* complex and by Emson & Crump (1979) who described a new species of *Asterina*. Revision within the Ophiuroidea has been largely confined to the higher order classification and the list follows Smith *et al.* (1995) for this Class. The holothurians are the most taxonomically confused group of British echinoderms, particularly at generic level. Despite the efforts of recent workers (Rowe, 1970; McKenzie, 1984, 1991; Hansen & McKenzie, 1992) the dendrochirote holothurians are taxonomically very confused; a revision of the world dendrochirote genera is currently being undertaken by David Pawson of the Smithsonian Institution (USA). The synaptid holothurians found in the British Isles are currently inadequately described. For example, *Leptosynapta inhaerens* is almost certainly a species assemblage while *Labidoplax media* may be conspecific with *L. buskii*.

A Linnean Society Synopsis to the echinoderms of the British Isles is planned but at present Mortensen (1927) remains the most useful means of identification. Moyses & Tyler (1990) provide an excellent guide to the British echinoderms likely to be encountered on the shore, by diving or shallow dredging, and Picton (1986, 1993) provides photographs and useful information on living echinoderms.



**CLASSIFICATION**

**Phylum ECHINODERMATA**

**Class CRINOIDEA**

- Order **MILLERICRINIDA**
  - Family *Bathycrinidae* ..... ZB4
- Order **COMATULIDA**
  - Family *Antedonidae* ..... ZB8

**Subphylum ASTEROZOA**

**Class ASTEROIDEA**

- Order **PAXILLOSIDA**
  - Family *Luidiidae* ..... ZB20

**Class ASTEROIDEA**

- Family *Astropectinidae* ..... ZB24
- Order **NOTOMYOTIDA**
  - Family *Benthopectinidae* ..... ZB39
- Order **VALVATIDA**
  - Family *Goniasteridae* ..... ZB45
  - Family *Poraniidae* ..... ZB52
  - Family *Asterinidae* ..... ZB57
- Order **VELATIDA**
  - Family *Pterasteridae* ..... ZB64
  - Family *Solasteridae* ..... ZB70
- Order **SPINULOSIDA**
  - Family *Echinasteridae* ..... ZB79
- Order **BRISINGIDA**
  - Family *Brisingidae* ..... ZB90
- Order **FORCIPULATIDA**
  - Family *Asteriidae* ..... ZB96

**Class OPHIUROIDEA**

- Order **OPHIURIDA**
  - Family *Ophiomyxidae* ..... ZB107
- Order **EURYALIDA**
  - Family *Asteronychidae* ..... ZB113
  - Family *Gorgonocephalidae* ..... ZB116
- Order **OPHIURIDA**
  - Family *Ophiotrichidae* ..... ZB122
  - Family *Ophiocomidae* ..... ZB126
  - Family *Ophiacanthidae* ..... ZB132
  - Family *Ophiactidae* ..... ZB140
  - Family *Amphiuridae* ..... ZB148
  - Family *Amphilepidae* ..... ZB162
  - Family *Ophiuridae* ..... ZB165

**Subphylum ECHINOZOA**

**Class ECHINOIDEA**

- Order **CIDAROIDA**
  - Family *Cidaridae* ..... ZB183
- Order **ECHINOTHURIOIDA**
  - Family *Echinothuridae* ..... ZB187
- Order **ECHINOIDA**
  - Family *Parechinidae* ..... ZB191
  - Family *Echinidae* ..... ZB194
  - Family *Strongylocentrotidae* ..... ZB203
  - Family *Toxopneustidae* ..... ZB206
- Order **CLYPEASTEROIDEA**
  - Family *Fibulariidae* ..... ZB210
- Order **SPATANGOIDA**
  - Family *Schizasteridae* ..... ZB214
  - Family *Spatangidae* ..... ZB217
  - Family *Loveniidae* ..... ZB221
  - Family *Brissidae* ..... ZB226

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Class **HOLOTHURIOIDEA**

Order **ASPIDOCHIROTIDA**

- Family **Synallactidae** ..... ZB231  
Family **Stichopididae** ..... ZB237  
Family **Holothuriidae** ..... ZB242

Order **DACTYLOCHIROTIDA**

- Family **Ypsilothuriidae** ..... ZB246

Order **DENDROCHIROTIDA**

- Family **Psolidae** ..... ZB250  
Family **Sclerodactylidae** ..... ZB255  
Family **Phyllophoridae** ..... ZB258  
Family **Cucumariidae** ..... ZB266

Order **APODIDA**

- Family **Synaptidae** ..... ZB290

Phylum **ECHINODERMATA**

- ZB1 **CRINOIDEA**  
ZB2 **ECHINODERMATA**  
ZB3 **MILLERICRINIDA**  
ZB4 Bathycrinidae  
ZB5 *Rhizocrinus* M Sars, 1868  
ZB6 *lofotensis* M Sars, 1868 DS. Elsewhere, circumpolar 140-3000 m.  
ZB7 **COMATULIDA**  
ZB8 Antedonidae  
ZB9 *Antedon* de Freminville, 1811  
ZB10 *bifida* (Pennant, 1777) \* Common, all coasts except southern North Sea.  
ZB11 *petasus* (Duben & Koren, 1846) \* Common on the west coast of Scotland, southwards to Northern Ireland. This species may occur with *A. bifida* in mixed populations and requires further investigation.  
  
ZB12 *Poliometra* Clark, 1913  
ZB13 *prolixa* (Sladen, 1881) DS. Elsewhere, Arctic 24-1960 m.  
ZB14 *Leptometra* Clark, 1908  
ZB15 *celtica* (Barrett & McAndrew, 1858) \* Not uncommon but frequently mistaken for *Antedon* spp.  
ZB16 *Heliometra* Clark, 1913  
ZB17 *glacialis* Leach DS. Elsewhere, Arctic species 10-1860 m.  
ZB18 **ASTEROIDEA**  
ZB19 **PAXILLOSIDA**  
ZB20 Luidiidae  
ZB21 *Luidia* Forbes, 1839  
ZB22 *ciliaris* (Philippi, 1837) \* Not uncommon on all British coasts except southern North Sea.  
ZB23 *sarsi* Duben & Koren, 1846 \* Less common than *L. ciliaris*. All British coasts except south.  
  
ZB24 Astropectinidae  
ZB25 *Astropecten* Linck  
ZB26 *irregularis* (Pennant, 1777) \* Common on all coasts.  
ZB27 *Psilaster* Sladen, 1889  
ZB28 *andromeda* (J Müller & Troschel, 1842) DS (<700 m); elsewhere 70-1850 m.  
ZB29 *Bathybiaster* Danielssen & Koren, 1882  
ZB30 *vexillifer* (Thomson, 1873) DS but recorded on margin of continental shelf west of Hebrides.  
  
ZB31 *Plutonaster* Sladen, 1889  
ZB32 *bifrons* (Thomson, 1873) DS (>500 m); elsewhere 100-2500 m.  
ZB33 *Leptychaster* Smith, 1876  
ZB34 *arcticus* (M Sars, 1851) DS. Elsewhere, circumpolar 40-1260 m.  
ZB38 **NOTOMYOTIDA**  
ZB39 Benthoplectinidae  
ZB40 *Cheiraster* Studer, 1883  
ZB41 *sepitus* (Verrill, 1885) DS (>1000 m) west of Scotland.  
ZB42 *Pontaster* Sladen, 1885  
ZB43 *tenuispinus* (Duben & Koren, 1846) DS off west coasts (>400 m); elsewhere 20-2255 m.  
ZB44 **VALVATIDA**  
ZB45 Goniasteridae  
ZB46 *Ceramaster* Verrill, 1914  
ZB47 *granularis* (Retzius, 1783) DS (>1000 m); elsewhere 20-2185 m.  
ZB48 *Pseudarchaster* Sladen, 1883  
ZB49 *parelii* (Duben & Koren, 1844) DS. Elsewhere, Arctic to Azores 20-1400 m.  
ZB50 *Hippasteria* J E Gray, 1840  
ZB51 *phrygiana* (Parelius, 1768) \* Northern coasts only.  
ZB52 Poraniidae  
ZB53 *Porania* J E Gray, 1840  
ZB54 *pulvillus* (O F Müller, 1776) \* Common, all coasts except southern North Sea  
ZB55 *Poraniomorpha* Danielssen & Koren, 1881  
ZB56 *hispida* Danielssen & Koren, 1881 Northern coasts in deeper water (>100 m).  
ZB57 Asterinidae  
ZB58 *Asterina* Nardo, 1834 See Emson & Crump (1979).  
ZB59 *gibbosa* (Pennant, 1777) \* Common on south and west shores, usually found in the intertidal.  
  
ZB60 *phylactica* Emson & Crump, 1979 \* Common on south and west shores, usually intertidal.  
ZB61 *Anseropoda* Nardo, 1834

|       |  |  |
|-------|--|--|
| ZB62  | <i>placenta</i> (Pennant, 1777)                  | * Not uncommon, all coasts except southern North Sea. Synonym: <i>Palmipes membranaceus</i> (Linck).   |
| ZB63  | <b>VELATIDA</b>                                  |  |
| ZB64  | Pterasteridae                                    |  |
| ZB65  | <i>Pteraster</i> J Müller & Troschel, 1842       |  |
| ZB66  | <i>militaris</i> (O F Müller, 1776)              | *? Mortensen records this species from the Inner Sound, Rosshire from 36m. Other records are all from deep sea off north-west coasts. Recently recorded from deep water (>100 m) to west of Ireland. |
| ZB67  | <i>pulvillus</i> (O F Müller, 1776)              |  |
| ZB68  | <i>Hymenaster</i> Thomson, 1873                  |  |
| ZB69  | <i>pellucidus</i> Thomson, 1873                  | DS. Elsewhere, Arctic 15-2800 m.   |
| ZB70  | Solasteridae                                     |  |
| ZB71  | <i>Solaster</i> Forbes, 1839                     |  |
| ZB72  | <i>endeca</i> (Linnaeus, 1771)                   | * Common, all coasts except southern North Sea and English Channel. DS. Elsewhere Arctic and Scandinavia 100-1160 m.   |
| ZB73  | <i>squamatus</i> Doderlein, 1900                 |  |
| ZB74  | <i>Crossaster</i> J Müller & Troschel, 1842      |  |
| ZB75  | <i>papposus</i> (Linnaeus, 1767)                 | * Common, all coasts.  |
| ZB76  | <i>Lophaster</i> Verrill, 1878                   |  |
| ZB77  | <i>furcifer</i> (Duben & Koren, 1844)            | DS. Elsewhere Arctic, 30-13500 m.  |
| ZB78  | <b>SPINULOSIDA</b>                               |  |
| ZB79  | Echinasteridae                                   |  |
| ZB80  | <i>Echinaster</i> J Müller & Troschel, 1842      | * Extends northwards to the Channel Islands. See Madsen (1987).  |
| ZB81  | <i>sepositus</i> Retzius, 1805                   | * South and west coasts, possibly northern North Sea. Common.  |
| ZB82  | <i>Henricia</i> J E Gray, 1840                   | * North coast of Scotland and northern North Sea. Common.  |
| ZB83  | <i>oculata</i> (Pennant, 1777)                   | * Shetland and northern North Sea. Not uncommon. May have wider distribution than current records suggest.   |
| ZB84  | <i>perforata</i> (O F Müller, 1776)              | * North-west and northern coasts of Scotland, northern North Sea. Common.  |
| ZB85  | <i>pertusa</i> (O F Müller, 1776)                | DS; elsewhere Arctic 180-1150 m.   |
| ZB86  | <i>sanguinolenta</i> (O F Müller, 1776)          |  |
| ZB87  | <i>Korethraster</i> Thomson, 1873                |  |
| ZB88  | <i>hispidus</i> Thomson, 1873                    |  |
| ZB89  | <b>BRISINGIDA</b>                                |  |
| ZB90  | Brisingidae                                      |  |
| ZB91  | <i>Brisinga</i> Asbjornsen, 1856                 |  |
| ZB92  | <i>endecacnemos</i> Asbjornsen, 1856             | DS but may be found on edge of continental shelf.  |
| ZB93  | <i>Brisingella</i> Fisher, 1911                  |  |
| ZB94  | <i>coronata</i> (G O Sars, 1871)                 | DS, western coasts; elsewhere 100-2600 m.  |
| ZB95  | <b>FORCIPULATIDA</b>                             |  |
| ZB96  | Asteriidae                                       |  |
| ZB97  | <i>Stichastrella</i> Verrill, 1867               |  |
| ZB98  | <i>rosea</i> (O F Müller, 1776)                  | * All coasts, except south, uncommon.  |
| ZB99  | <i>Asterias</i> Linnaeus, 1758                   | * Very common, all coasts.   |
| ZB100 | <i>rubens</i> Linnaeus, 1758                     | * Not uncommon but often mistaken for <i>Asterias rubens</i> . All coasts except south.  |
| ZB101 | <i>Leptasterias</i> Verrill, 1866                |  |
| ZB102 | <i>muelleri</i> (M Sars, 1846)                   | * All coasts except English North Sea and eastern part of English Channel.   |
| ZB103 | <i>Marthasterias</i> Jullien, 1878               |  |
| ZB104 | <i>glacialis</i> (Linnaeus, 1758)                |  |
| ZB105 | <b>OPHIUROIDEA</b>                               |  |
| ZB106 | <b>EURYALIDA</b>                                 |  |
| ZB113 | Asteronychidae                                   |  |
| ZB114 | <i>Asteronyx</i> J Müller & Troschel, 1842       |  |
| ZB115 | <i>loveni</i> J Müller & Troschel, 1842          | Rare, sporadic records from deeper water particularly on the west coast of Scotland. One population off the mouth of Loch Houran has persisted for at least 90 years. >100 m.                        |
| ZB116 | Gorgonocephalidae                                |  |
| ZB117 | <i>Gorgonocephalus</i> Leach, 1815               |  |
| ZB118 | <i>caputmedusae</i> (Linnaeus, 1758)             | Occasionally recorded from the shelf seas to the west of the British Isles (>150 m). DS. Elsewhere Arctic 15-1850 m. DS. Elsewhere Arctic 75-780 m.  |
| ZB119 | <i>eucnemis</i> (J Müller & Troschel, 1842)      |  |
| ZB120 | <i>lamarcki</i> J Müller & Troschel, 1842        |  |
| ZB121 | <b>OPHIURIDA</b>                                 |  |
| ZB107 | Ophiomyxidae                                     |  |
| ZB108 | <i>Ophiomyxa</i> J Müller & Troschel, 1842       |  |
| ZB109 | <i>pentagona</i> J Müller & Troschel, 1842       | Not yet recorded from British Isles. Littoral species (0-235 m) which occurs as far north as northern Spain.   |
| ZB110 | <i>Ophioscolex</i> J Müller & Troschel, 1842     |  |
| ZB111 | <i>glacialis</i> J Müller & Troschel, 1842       | DS; elsewhere Arctic 50-2727m. >75 m.  |
| ZB112 | <i>purpureus</i> Duben & Koren, 1845             |  |
| ZB122 | Ophiotrichidae                                   |  |
| ZB123 | <i>Ophiothrix</i> J Müller & Troschel, 1842      |  |
| ZB124 | <i>fragilis</i> (Abildgaard, 1789)               | * Extremely common on all coasts, shore to at least 1200 m. >150 m, west coast of Ireland.   |
| ZB125 | <i>luetkeni</i> Thomson, 1872                    |  |
| ZB126 | Ophiocomidae                                     |  |
| ZB127 | <i>Ophiocomina</i> Mortensen, 1921 ex Koehler MS |  |
| ZB128 | <i>nigra</i> (Abildgaard, 1789)                  | * Very common on south and west coasts, less so in North Sea. Shore to 400 m.  |
| ZB129 | <i>Ophiopsila</i> Forbes, 1845                   |  |
| ZB130 | <i>annulosa</i> (M Sars, 1859)                   | * Only recorded from west coast of Ireland and SW Scotland in British waters; 10-100 m. * Uncommon, south-western coasts only; 25-185 m.   |
| ZB131 | <i>aranea</i> Forbes, 1845                       |  |
| ZB132 | Ophiacanthidae                                   |  |
| ZB133 | <i>Ophiomitrella</i> Verrill, 1899               |  |
| ZB134 | <i>clavigera</i> (Ljungman, 1864)                | DS off West Coast of Ireland; elsewhere 166-1348m.   |

|       |                           |                           |  |
|-------|---------------------------|---------------------------|--|
| ZB135 | <i>Ophiocantha</i>        | J Müller & Troschel, 1842 |  |
| ZB136 | <i>abyssicola</i>         | G O Sars, 1871            | 125 m off west coast of Ireland; elsewhere, Arctic to Azores, 35-3500 m.   |
| ZB137 | <i>anomola</i>            | G O Sars, 1871            | DS; elsewhere Florida to Rockall Trough, 140-1500 m.   |
| ZB138 | <i>bidentata</i>          | (Retzius, 1805)           | DS; elsewhere Azores to Cape Verde, 10-4500 m.   |
| ZB139 | <i>spectabilis</i>        | G O Sars, 1871            | DS. Elsewhere, Arctic to Bay of Biscay 150-1700 m.   |
| ZB140 | Ophiactidae               |                           |  |
| ZB141 | <i>Ophiactis</i>          | Lütken, 1856              |  |
| ZB142 | <i>abyssicola</i>         | (M Sars, 1861)            | Deep water (>125 m), off west coasts.  |
| ZB143 | <i>balli</i>              | (Thompson, 1840)          | * All coasts, except southern part of North Sea. Probably not uncommon.  |
| ZB144 | <i>Ophiopus</i>           | Ljungman, 1867            |  |
| ZB145 | <i>arcticus</i>           | Ljungman, 1867            | DS; elsewhere Arctic 50-1200 m.  |
| ZB146 | <i>Ophiopholis</i>        | J Müller & Troschel, 1842 |  |
| ZB147 | <i>aculeata</i>           | (Linnaeus, 1767)          | * Common. All coasts.  |
| ZB148 | Amphiuridae               |                           |  |
| ZB149 | <i>Amphiura</i>           | Forbes, 1843              | See Clark (1970), Fell (1962).   |
| ZB150 | <i>borealis</i>           | (G O Sars, 1871)          | DS, Rockall Trough; elsewhere Norway and Iceland 150-800 m.  |
| ZB151 | <i>brachiata</i>          | (Montagu, 1804)           | * Locally common, all coasts. Synonym: <i>Acrocnida brachiata</i> .  |
| ZB152 | <i>chiajei</i>            | Forbes, 1843              | * Very common, all coasts.   |
| ZB153 | <i>denticulata</i>        | Koehler                   | DS. Elsewhere, Arctic 155-1100 m.  |
| ZB154 | <i>filiformis</i>         | (O F Müller, 1776)        | * Very common, all coasts.   |
| ZB155 | <i>griegi</i>             | Mortensen, 1920           | DS off west of Scotland; elsewhere 70-810 m.   |
| ZB156 | <i>incana</i>             | Lyman, 1879               | * Rare? Only known from Galway Bay in British Isles but may occur on all west coasts. See Guille <i>et al.</i> (1983). |
| ZB157 | <i>securigera</i>         | (Duben & Koren, 1844)     | * Northern and western coasts, probably rare.  |
| ZB158 | <i>Paramphiura</i>        | Koehler, 1895             |  |
| ZB159 | <i>punctata</i>           | (Forbes, 1841)            | * Very rare, distribution unknown.   |
| ZB160 | <i>Amphipholis</i>        | Ljungman, 1867            |  |
| ZB161 | <i>squamata</i>           | (Chiaje, 1829)            | * Very common, though often overlooked, all coasts.  |
| ZB162 | Amphilepidae              |                           |  |
| ZB163 | <i>Amphilepis</i>         | Ljungman, 1867            |  |
| ZB164 | <i>norvegica</i>          | (Ljungman, 1865)          | DS, SW Ireland; elsewhere 100-2900 m.  |
| ZB165 | Ophiuridae                |                           |  |
| ZB166 | <i>Ophiura</i>            | Lamarck, 1816             |  |
| ZB167 | <i>affinis</i>            | Lütken, 1858              | * Common, all coasts except southern North Sea. Synonym: <i>Ophiocten scutatum</i> (Koehler).                          |
| ZB168 | <i>albida</i>             | Forbes, 1839              | * Very common, all coasts.   |
| ZB169 | <i>carnea</i>             | Lütken, 1858              | DS, west of Ireland; elsewhere 40-2857m.   |
| ZB170 | <i>ophiura</i>            | (Linnaeus, 1758)          | * Common all coasts. Synonym: <i>O. texturata</i> Lamarck.   |
| ZB171 | <i>robusta</i>            | (Ayres, 1851)             | * Northern coasts, including northern North Sea.   |
| ZB172 | <i>sarsi</i>              | Lütken, 1858              | Reaches southern limits of its distribution in Heligoland, perhaps North Sea.  |
| ZB173 | <i>signata</i>            | (Verrill, 1882)           | DS off western coasts, elsewhere 110-900 m.  |
| ZB174 | <i>Ophiocten</i>          | Lütken, 1854              |  |
| ZB176 | <i>sericum</i>            | (Forbes, 1852)            | DS. Elsewhere, Arctic 5-4500 m.  |
| ZB177 | <i>Ophiopleura</i>        | Danielssen & Koren        |  |
| ZB178 | <i>borealis</i>           | Danielssen & Koren, 1887  | DS, restricted to water below 0°C; elsewhere 10-1400 m.  |
| ZB179 | <i>Ophiomusium</i>        | Lyman, 1869               |  |
| ZB180 | <i>lymani</i>             | Thomson, 1873             | DS. Elsewhere, cosmopolitan deep sea species, 130-3435 m.  |
| ZB181 | <b>ECHINOIDEA</b>         |                           |  |
| ZB182 | <b>CIDAROIDA</b>          |                           |  |
| ZB183 | Cidaridae                 |                           |  |
| ZB184 | <i>Cidaris</i>            | Leske, 1778               |  |
| ZB185 | <i>cidaris</i>            | (Linnaeus, 1758)          | DS off west coasts; elsewhere 30-1075 m.   |
| ZB186 | <b>ECHINOTHURIOIDA</b>    |                           |  |
| ZB187 | Echinothuridae            |                           |  |
| ZB188 | <i>Araeosoma</i>          | Mortensen, 1903           |  |
| ZB189 | <i>fenestratum</i>        | (Wyville Thomson, 1869)   | West coasts, 145-990 m.  |
| ZB190 | <b>ECHINOIDA</b>          |                           |  |
| ZB191 | Parechinidae              |                           |  |
| ZB192 | <i>Psammechinus</i>       | Agassiz, 1858             |  |
| ZB193 | <i>miliaris</i>           | (Gmelin, 1778)            | * Common, all coasts.  |
| ZB194 | Echinidae                 |                           |  |
| ZB195 | <i>Echinus</i>            | Linnaeus, 1758            |  |
| ZB196 | <i>acutus</i>             | Lamarck, 1816             | Common in the deeper waters of the North Sea, occurs in deep water off the west coast.                                 |
| ZB197 | <i>elegans</i>            | Duben & Koren, 1844       | Uncommon, occurs on the edge of the western shelf and in deep water on the east coast of Scotland.                     |
| ZB198 | <i>esculentus</i>         | Linnaeus, 1758            | * Common, all coasts.  |
| ZB200 | <i>tenuispinus</i>        | Norman, 1868              | Rare. Deeper water (>130 m) off west coasts and northern North Sea.  |
| ZB201 | <i>Paracentrotus</i>      | Mortensen, 1903           |  |
| ZB202 | <i>lividus</i>            | (Lamarck, 1816)           | * Locally common in areas of limestone on the west coasts of Scotland and Ireland, rare on English south coasts.       |
| ZB203 | Strongylocentrotidae      |                           |  |
| ZB204 | <i>Strongylocentrotus</i> | Brandt, 1835              |  |
| ZB205 | <i>droebachiensis</i>     | (O F Müller, 1776)        | * East and north of Scotland.  |
| ZB206 | Toxopneustidae            |                           |  |
| ZB207 | <i>Sphaerechinus</i>      | Desor, 1858               |  |
| ZB208 | <i>granularis</i>         | (Lamarck, 1816)           | Northern limit in the Channel Islands.   |
| ZB209 | <b>CLYPEASTEROIDA</b>     |                           |  |
| ZB210 | Fibulariidae              |                           |  |
| ZB211 | <i>Echinocyamus</i>       | van Phelsum, 1774         |  |
| ZB212 | <i>pusillus</i>           | (O F Müller, 1776)        | * Common, all coasts.  |
| ZB213 | <b>SPATANGOIDA</b>        |                           |  |
| ZB214 | Schizasteridae            |                           |  |
| ZB215 | <i>Brisaster</i>          | J E Gray, 1851            |  |

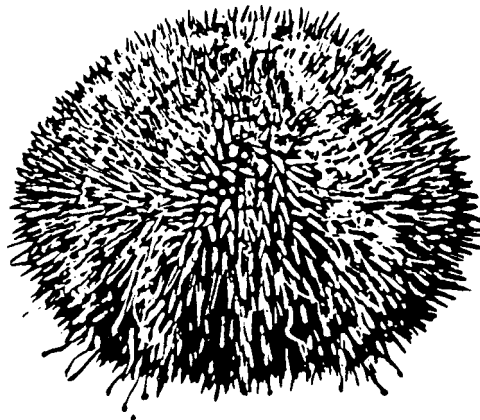
- ZB216 *fragilis* (Duben & Koren, 1846)  
 ZB217 Spatangidae  
 ZB218 *Spatangus* J E Gray, 1825  
 ZB219 *purpureus* O F Müller, 1776  
 ZB220 *raschi* Lovén, 1869  
 ZB221 Loveniidae  
 ZB222 *Echinocardium* J E Gray, 1825  
 ZB223 *cordatum* (Pennant, 1777)  
 ZB224 *flavescens* (O F Müller, 1776)  
 ZB225 *pennatifidum* Norman, 1868  
 ZB226 Brissidae  
 ZB227 *Brissopsis* Agassiz, 1847  
 ZB228 *lyrifera* (Forbes, 1841)  
 ZB229 **HOLOTHURIOIDEA**  
 ZB230 **ASPIDOCHIROTIDA**  
 ZB231 Synallactidae  
 ZB232 *Mesothuria* Ludwig, 1879  
 ZB233 *intestinalis* (Ascanius & Rathke, 1805)  
 ZB234 *verilli* (Theel, 1880)  
 ZB235 *Bathyploetes* Ostergren, 1896  
 ZB236 *natans* (M Sars, 1867)  
 ZB237 Stichopodidae  
 ZB238 *Parastichopus* Clark, 1922  
 ZB239 *tremulus* (Gunnerus, 1767)  
 ZB240 *Eostichopus* Cutress & Miller, 1982  
 ZB241 *regalis* (Cuvier, 1817)  
 ZB242 Holothuriidae  
 ZB243 *Holothuria* Linnaeus, 1767  
 ZB244 *forskali* Chiaje, 1841  
 ZB245 **DACTYLOCHIROTIDA**  
 ZB246 Ypsilothuriidae  
 ZB247 *Echinocucumis* M Sars, 1858  
 ZB248 *hispida* (Barret, 1857)  
 ZB249 **DENDROCHIROTIDA**  
 ZB250 Psolidae  
 ZB251 *Psolus* Jaeger, 1833  
 ZB252 *phantapus* (Strussenfeldt, 1765)  
 ZB253 *squamatus* Duben & Koren, 1846  
 ZB254 *valvatus* Ostergren, 1898  
 ZB255 Sclerodactylidae  
 ZB256 *Pseudothyone* Panning, 1949  
 ZB257 *raphanus* (Duben & Koren, 1845)  
 ZB258 Phyllophoridae  
 ZB259 *Neopentadactyla* Deichmann, 1944  
 ZB260 *mixta* (Ostergren, 1898)  
 ZB261 *Thyone* Jaeger, 1833  
 ZB262 *fusus* (O F Müller, 1776)  
 ZB263 *inermis* Heller, 1868  
 ZB264 *roscovita* Hérouard, 1889  
 ZB265 *wahrbergi* Madsen, 1941  
 ZB266 Cucumariidae  
 ZB267 *Cucumaria* de Blainville, 1834  
 ZB268 *frondosa* (Gunnerus, 1767)  
 ZB269 *Pawsonia* Rowe, 1970  
 ZB270 *saxicola* (Brady & Robertson, 1871)  
 ZB271 *Paracucumaria* Panning, 1949  
 ZB272 *hyndmani* (Thompson, 1840)  
 ZB273 *Ocnus* Forbes & Goodsir in Forbes, 1841  
 ZB274 *brunneus* (Forbes MS in Thompson, 1840)  
 ZB275 *lacteus* (Forbes & Goodsir, 1839)  
 ZB276 *planci* (Brandt, 1835)  
 ZB277 *Aslia* Rowe, 1970  
 ZB278 *lefevrei* (Barrois, 1882)  
 ZB279 *Leptopentacta* Clark, 1938  
 ZB280 *elongata* (Duben & Koren, 1845)  
 ZB281 *Thyonidium* Duben & Koren, 1845
- DS; 65-1300 m elsewhere.  
 \* Locally common, all coasts.  
 West coast of Ireland >150 m.  
 \* Common, all coasts.  
 \* Uncommon, all coasts.  
 \* Uncommon, all coasts except east.  
 \* Common, all coasts.  
 \* Rare in shallow water but more common below 50 m.  
 DS the west of Ireland. Elsewhere, Bay of Biscay to Mediterranean 280-2520 m.  
 DS. Elsewhere, Lofoten to Cape Verde 200-1600 m.  
 \* Occasionally recorded in shallow water on the west coast of Scotland. Synonym: *Stichopus tremulus*.  
 Status and distribution in British Isles unknown. Synonym: *Stichopus regalis*.  
 \* Common, west and south coasts.  
 DS to west of British Isles; elsewhere, North Cape to Bay of Biscay 50-1400 m.  
 See McKenzie (1991); Hansen & McKenzie (1992); Madsen & Hansen (1994).  
 \* Common on Scottish west coast southwards to Northumbrian coast in North Sea. "Juvenile" epifaunal *phantapus* may be separate species (McKenzie, 1991).  
 DS off western and northern coasts; elsewhere 40-1000 m. Western and northern coasts, status unknown.  
 \* All coasts, common.  
 \* West coasts. Locally common in tide-swept areas of coarse shell gravel. Synonym: *Pseudocucumis mixta*.  
 \* Very common. All coasts except southern North Sea.  
 \* Rare. South and west coasts.  
 \* Not uncommon on west and south coasts. Easily confused with *T. inermis*.  
 This Scandinavian species is probably synonymous with the Mediterranean *T. gadeana*. If so then it is almost certain to occur in the British Isles. Easily confused with *T. fusus*.  
 \* Not uncommon North Sea to Dogger Bank and Shetland; no recent records from Scottish west coast.  
 See Rowe (1970).  
 \* South and west coasts. Locally common. Synonym: *Cucumaria saxicola*.  
 \* West coasts and northern North Sea. Common. Synonym: *Cucumaria hyndmani*.  
 The relationship between the three *Ocnus* species found in British waters is currently unclear. *O. brunneus* may be synonymous with *O. planci* and there is certainly a degree of morphological overlap but there may also be ecological differences. For this reason *brunneus* should be recorded as distinct from *planci* until this is resolved. See McKenzie (1991) for more details.  
 \* Western and northern coasts, northern North Sea. Common but often overlooked. See McKenzie (1984).  
 \* Western and northern coasts, northern North Sea. Common but often overlooked.  
 \* West coasts. Rather rare.  
 See Rowe (1970).  
 \* Not uncommon on west and south coasts; often confused with *P. saxicola*. Synonyms: *Cucumaria lefevrei*; *Cucumaria normani* Pace.  
 \* All coasts except southern North Sea. Very common. Synonyms: *Trachythyone elongata*; *Cucumaria elongata*.

|                |                        |   |   |
|----------------|------------------------|---|---|
| ZB282          | <i>drummondii</i>      | (Thompson, 1840)                            | * Common, west coasts and northern North Sea. Synonyms: <i>Thyonidium commune</i> (Forbes, 1841); <i>Cucumaria communis</i> .                   |
| ZB283          | <i>hyalinum</i>        | (Forbes, 1841)                              | * Distribution uncertain. Uncommon. See Hansen & McKenzie (1991). Synonym: <i>Thyonidium pellucidum</i> (Fleming, 1828 non Vahl, 1806).         |
| ZB284<br>ZB285 | <i>Ekmania barthii</i> | Hansen & McKenzie, 1991<br>(Troschel, 1846) | Arctic species that occurs in Denmark but not yet recorded from the British Isles.  |
| ZB289          | <b>APODIDA</b>         |   |   |
| ZB290          | Synaptidae             |   |   |
| ZB291          | <i>Leptosynapta</i>    | Verrill, 1867                               |   |
| ZB292          | <i>bergensis</i>       | (Ostergren, 1905)                           | * West coasts. Not uncommon but often confused with <i>L. inhaerens</i> .   |
| ZB293          | <i>cruenta</i>         | Cherbonnier, 1953                           | * French Atlantic coasts, not known from British Isles.   |
| ZB294          | <i>decaria</i>         | (Ostergren, 1905)                           | * ? Deep water to west of Scotland and northern North Sea. Elsewhere Norway 40-70 m.  |
| ZB295          | <i>gallienii</i>       | (Herapath, 1865)                            | * West coast. Rare.   |
| ZB296          | <i>inhaerens</i>       | (O F Müller, 1776)                          | * All coasts, except southern North Sea. Common. Probably a species assemblage.   |
| ZB297          | <i>minuta</i>          | (Becher, 1906)                              | * Distribution uncertain. Tiny species, probable common but usually overlooked.   |
| ZB298          | <i>Labidoplax</i>      | Ostergren, 1898                             |   |
| ZB299          | <i>buskii</i>          | (MacIntosh, 1866)                           | * West coasts. Not uncommon. May be synonymous with <i>L. media</i> .   |
| ZB300          | <i>digitata</i>        | (Montagu, 1815)                             | * West coasts. Not uncommon.  |
| ZB301          | <i>media</i>           | (Ostergren, 1905)                           | * West coasts. Uncommon but may be synonymous with <i>L. buskii</i> .   |
| ZB302          | <i>similimedia</i>     | Gage, 1985                                  | Only known from deep sea to the west of the British Isles but as it is a recently described species it may also occur on the continental shelf. |
| ZB303          | <i>southwardorum</i>   | Gage, 1985                                  | Only known from Deep Sea to the west of the British Isles but as it is a recently described species it may also occur on the continental shelf. |
| ZB304          | <i>Oestergrenia</i>    | Thander & Rowe, 1989                        |   |
| ZB305          | <i>thomsoni</i>        | (Herapath, 1865)                            | ? Distribution uncertain. Rare. Synonym: <i>Labidoplax thomsoni</i> .   |
| ZB306          | <i>Rhabdomolgus</i>    | Keferstein, 1862                            |   |
| ZB307          | <i>ruber</i>           | Keferstein, 1862                            | Known only from the French coast and Heligoland.  |

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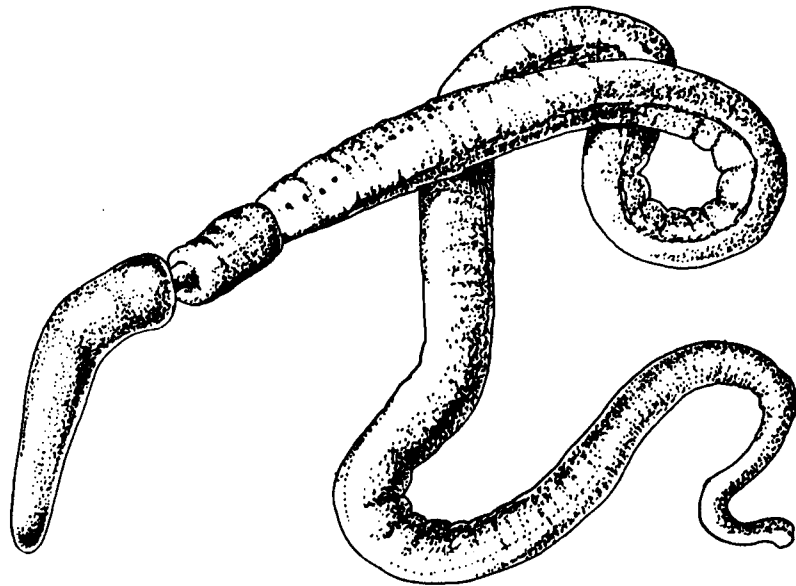
# HEMICHORDATA

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## HEMICHORDATA

## INTRODUCTION

This is a small group of exclusively marine, worm-like animals, of which there are 12 species known from the British Isles. The phylum comprises three classes, the Enteropneusta, or acorn-worms, the Pterobranchia and the Planktosphaerida, known only from planktonic larvae. The group appears to have been largely ignored in recent years and so it is likely there are more species to be found than currently recognised. Source references are shown in the annotations, Knight-Jones & Ryland (1990) provide keys and descriptions of most species.

## CLASSIFICATION

Phylum HEMICHORDATA

Class PTEROBRANCHIA

Order RHADDOPLEURIDA

Family Rhabdopleuridae ..... ZC4

Order CEPHALODISCIDA

Family Cephalodiscidae ..... ZC9

Class ENTEROPNEUSTA

Family Harrimanidae ..... ZC13

Family Ptychoderidae ..... ZC24

## Phylum HEMICHORDATA

|      |                      |                           |  |
|------|----------------------|---------------------------|--|
| ZC1  | HEMICHORDATA         |                           |  |
| ZC2  | PTEROBRANCHIA        |                           |  |
| ZC3  | RHADDOPLEURIDA       |                           |  |
| ZC4  | Rhabdopleuridae      |                           |  |
| ZC5  | <i>Rhabdopleura</i>  |                           | Reference Stebbing (1970).   |
| ZC6  | <i>compacta</i>      | Hincks, 1880              |  |
| ZC7  | <i>normani</i>       | Allman, 1869              |  |
| ZC8  | CEPHALODISCIDA       |                           |  |
| ZC9  | Cephalodiscidae      |                           |  |
| ZC10 | <i>Cephalodiscus</i> | McIntosh, 1882            |  |
| ZC11 | <i>levinseni</i>     | Harmer                    |  |
| ZC12 | ENTEROPNEUSTA        |                           | Reference Burdon-Jones & Patil (1960).   |
| ZC13 | Harrimanidae         |                           |  |
| ZC14 | <i>Harrimania</i>    |                           |  |
| ZC15 | <i>kupfferi</i>      | (von Willemoes-Suhm)      | Not yet recorded from the area.  |
| ZC16 | <i>Protoglossus</i>  |                           |  |
| ZC17 | <i>koehleri</i>      | Caullery & Mesnil, 1900   | See Burdon-Jones (1956).   |
| ZC18 | <i>Saccoglossus</i>  |                           |  |
| ZC19 | <i>horstii</i>       | Brambell & Goodhart, 1941 | See Burdon-Jones & Patil (1960). Synonym: <i>S. kowalevskysii</i> ((Agassiz) sensu Newell, 1949). Recorded from Helgoland.   |
| ZC20 | <i>pygmaeus</i>      | Hinricks & Jacobi, 1938   |  |
| ZC21 | <i>ruber</i>         | (Tattersall, 1905)        | Synonyms: <i>S. cambrensis</i> Brambell & Cole, 1939; <i>S. serpentinus</i> (Assheton, 1908). Recorded from Dale, Pembro. as <i>S. cambrensis</i> by Purchon & Jefferson (1949). |
| ZC22 | <i>Stereobalanus</i> | Spengel, 1901             |  |
| ZC23 | <i>canadensis</i>    | (Spengel, 1893)           | See Knight-Jones & Ryland (1990) and Burdon-Jones & McIntyre (1960).   |
| ZC24 | Ptychoderidae        |                           | See Burdon-Jones (1956) for larvae.  |
| ZC25 | <i>Balanoglossus</i> |                           |  |
| ZC26 | <i>clavigerus</i>    | (delle Chiaje)            | Synonym: <i>Tornaria krohni</i> (larval stage).  |
| ZC27 | <i>Glossobalanus</i> |                           |  |
| ZC28 | <i>marginatus</i>    | Meek, 1922                | Synonym: <i>Tornaria mielcki</i> (larval stage).   |
| ZC29 | <i>samiensis</i>     | Koehler                   | Synonym: <i>Tornaria bournei</i> (larval stage).   |

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# TUNICATA

compiled by

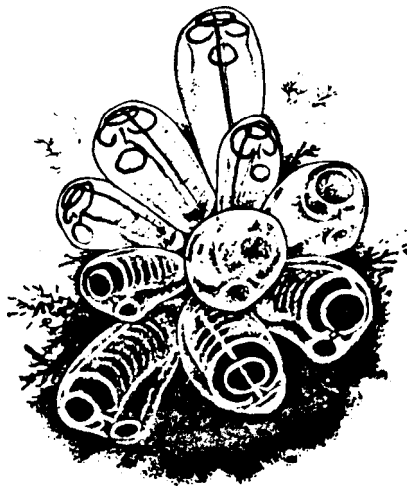
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# TUNICATA

## INTRODUCTION

The Tunicata, or Urochordata, are a subphylum of the Chordata and are related to the vertebrates. They are exclusively marine and form three distinct classes. The Ascidiacea, or sea squirts, are attached solitary or colonial tunicates living mostly in shallow water whilst the Thaliacea, or salps, and Appendicularia are planktonic. The higher classification used in the checklist follows Millar (1970) for the Ascidiacea and Fraser (1982) for the Appendicularia and Thaliacea.

The group is small, with approximately 120 species represented in British seas. Due to this and to the generally conspicuous nature of the group in the shallow sublittoral and plankton, the species are reasonably well established and the systematics fairly stable. However, the identification of tunicates is not easy, which has meant that certain groups are less well known than others. In particular, the Didemnidae, and to a lesser extent the Polyclinidae, are still poorly recorded in the British Isles. Furthermore, additional species are recognised periodically and so there may well be a number of changes to the list in the near future, although a major revision is unlikely. Useful references additional to those mentioned in the notes include Alder & Hancock (1904-1911), Harant & Vernieres (1933), Berrill (1950) and Picton (1985).

## CLASSIFICATION

Phylum **CHORDATA**

Subphylum **TUNICATA**

Class **ASCIDIACEA**

Order **ENTEROGONA**

Suborder **APLOUSOBRANCHIATA**

Family **Clavelinidae** ..... ZD5

Family **Polyclinidae** ..... ZD20

Family **Didemnidae** ..... ZD41

Suborder **PHLEBOBRANCHIATA**

Family **Cionidae** ..... ZD68

Family **Diazonidae** ..... ZD72

Family **Perophoridae** ..... ZD75

Family **Corellidae** ..... ZD79

Family **Ascidiidae** ..... ZD82

Order **PLEUROGONA**

Suborder **STOLIDOBRANCHIATA**

Family **Styelidae** ..... ZD100

Family **Pyuridae** ..... ZD131

Family **Molgulidae** ..... ZD145

Class **APPENDICULARIA**

Order **COPELATA**

Family **Oikopleuridae** ..... ZD162

Family **Fritillaridae** ..... ZD170

Class **THALIACEA**

Order **DOLIOLIDA**

Family **Doliolidae** ..... ZD175

Order **SALPIDA**

Family **Salpidae** ..... ZD184

Subfamily **Cyclosalpinae** ..... ZD185

Subfamily **Salpinae** ..... ZD193

Order **PYRO SOMIDA**

Family **Pyrosomidae** ..... ZD209

## Subphylum TUNICATA

|      |  |   |
|------|--|---|
| ZD1  | <b>TUNICATA</b>                            |   |
| ZD2  | <b>ASCIDIACEA</b>                          | Follows Millar (1970) except where stated.  |
| ZD3  | <b>ENTEROGONA</b>                          |   |
| ZD4  | <b>APLOUSOBRANCHIATA</b>                   |   |
| ZD5  | Clavelinidae                               |   |
| ZD6  | <i>Clavelina</i> Savigny, 1816             |   |
| ZD7  | <i>lepadiformis</i> (O F Müller, 1776)     |   |
| ZD8  | <i>nana</i> Lahille, 1890                  | Recorded from Roscoff (Monniot, 1970).  |
| ZD9  | sp.  | Pin-head Squirt. A small clavelinid with a white cross on the test between the siphons. Not uncommon in Northern Ireland, the Calf of Man and Skomer Island.  |
| ZD10 | <i>Pycnoclavella</i> Garstang, 1891        |   |
| ZD11 | <i>aurilucens</i> Garstang, 1891           |   |
| ZD12 | <i>Distaplia</i> della Valle, 1881         |   |
| ZD13 | <i>rosea</i> della Valle, 1881             | Synonym: <i>D. garstangi</i> (Berrill, 1947).   |
| ZD14 | <i>stelligera</i> (Giard, 1899)            | Recorded from Wimereux, France (Harant & Vernieres, 1933). Status uncertain (see Hartmeyer, 1924).  |
| ZD15 | <i>Archidistoma</i> Garstang, 1891         |   |
| ZD16 | <i>aggregatum</i> Garstang, 1891           |   |
| ZD17 | <i>productum</i> (Milne-Edwards, 1841)     | Recorded from Roscoff (Monniot, 1970). Reported from Tenby, south Wales by Gosse (1856). SW British Isles and Isle of Man (B.E. Picton, pers. obs.).  |
| ZD18 | <i>Polycitor</i> Renier, 1804              |   |
| ZD19 | <i>searli</i> Kott, 1952                   | Apparently not recorded since original description.   |
| ZD20 | Polyclinidae                               |   |
| ZD21 | <i>Polyclinum</i> Savigny, 1816            |   |
| ZD22 | <i>aurantium</i> Milne-Edwards, 1841       |   |
| ZD23 | <i>Synocicum</i> Phipps, 1774              |   |
| ZD24 | <i>beauchampi</i> (Harant, 1927)           | Recorded from Concarneau, France (Harant & Vernieres, 1933).  |
| ZD25 | <i>incrustatum</i> (M Sars, 1851)          | Recently discovered in the British Isles (Connor, 1989).<br>Synonym: <i>Aplidium densum</i> of Picton (1985).   |
| ZD26 | <i>pulmonaria</i> (Ellis & Solander, 1786) |   |
| ZD27 | <i>Morchellium</i> Giard, 1872             |   |
| ZD28 | <i>argus</i> (Milne-Edwards, 1841)         |   |
| ZD29 | <i>Sidnyum</i> Savigny, 1816               |   |
| ZD30 | <i>elegans</i> (Giard, 1872)               | Synonym: <i>S. areolatum</i> Chiaje, 1828.  |
| ZD31 | <i>turbinatum</i> Savigny, 1816            | May be <i>Circinalium concrescens</i> Lahille, 1890. See Nakauchi (1986). There appear to be two species confused under this name. Examination of type material is required to resolve the problem, thus the familiar name is retained here. <i>Parascidia flemingii</i> of Nakauchi (1986). See <i>S. turbinatum</i> . See also Picton (1985). |
| ZD32 | sp.  |   |
| ZD33 | <i>Aplidium</i> Savigny, 1816              |   |
| ZD34 | <i>coeruleum</i> Lahille, 1890             | Reported from Roscoff by Lévi (1955).   |
| ZD35 | <i>densum</i> (Giard, 1872)                | See Berrill (1950). Not Picton (1985).  |
| ZD36 | <i>glabrum</i> (Verrill, 1871)             |   |
| ZD37 | <i>nordmanni</i> (Milne-Edwards, 1841)     | Considered synonymous with <i>A. proliferum</i> by many authors (e.g. Picton, 1985) but appears to be a distinct entity.  |
| ZD38 | <i>pallidum</i> (Verrill, 1871)            |   |
| ZD39 | <i>proliferum</i> (Milne-Edwards, 1841)    | Probably a southern species. <i>A. nordmanni</i> included by some authors.  |
| ZD40 | <i>punctum</i> (Giard, 1873)               |   |
| ZD41 | Didemnidae                                 | Taxonomy of this family has been very confused prior to work by Lafargue (see review by Lafargue & Wahl, 1987) and identification is difficult. Still very poorly recorded in Britain.  |
| ZD42 | <i>Didemnopsis</i> Hartmeyer, 1903         |   |
| ZD43 | <i>translucidum</i> Lafargue, 1968         | French Atlantic coast.  |
| ZD44 | <i>Trididemnum</i> della Valle, 1881       |   |
| ZD45 | <i>cereum</i> (Giard, 1872)                | Synonym: <i>T. tenerum</i> of Pérès, 1956.  |
| ZD46 | <i>delesseriae</i> Lafargue, 1968          | French Atlantic coast.  |
| ZD47 | <i>tenerum</i> (Verrill, 1871)             | Of Berrill (1950).  |
| ZD48 | <i>Didemnum</i> Savigny, 1816              |   |
| ZD49 | <i>albidum</i> (Verrill, 1871)             | Recorded from Loch Etive, Scotland by Millar (1988).  |
| ZD50 | <i>asperum</i> (Milne-Edwards, 1841)       | Recorded by Rowe (1972) but validity uncertain.   |
| ZD51 | <i>coriaceum</i> (von Drasche, 1883)       | Synonym: <i>D. maculosum</i> Harant, 1927.  |
| ZD52 | <i>fulgens</i> (Milne-Edwards, 1841)       |   |
| ZD53 | <i>lahillei</i> Hartmeyer, 1909            | Synonym: <i>Didemnum gelatinosum</i> Giard, 1872.   |
| ZD54 | <i>maculosum</i> (Milne-Edwards, 1841)     | <i>D. candidum</i> Carlisle, 1954 and of Millar, 1970; <i>Trididemnum alleni</i> Berrill, 1947; <i>D. tridentatum</i> (von Drasche, 1883).<br>Synonym: <i>D. helgolandicum</i> Michaelsen, 1921.  |
| ZD55 | <i>Polysyncraton</i> Nott, 1891            |   |
| ZD56 | <i>bilobatum</i> Lafargue, 1968            |   |
| ZD57 | <i>lacazei</i> (Giard, 1872)               |   |
| ZD58 | <i>Diplosoma</i> MacDonald, 1859           |   |
| ZD59 | <i>listerianum</i> (Milne-Edwards, 1841)   | Synonym: <i>Didemnum gelatinosum</i> Milne-Edwards, 1841.   |
| ZD60 | <i>singulare</i> Lafargue, 1968            | French Atlantic coast.  |
| ZD61 | <i>spongiforme</i> (Giard, 1872)           | Synonyms: <i>D. cupuliferum</i> Kott, 1952; <i>Lissoclinum cupuliferum</i> Kott, 1952.  |
| ZD62 | <i>Leptoclinides</i> Bjerkan, 1905         |   |
| ZD63 | <i>faeroensis</i> Bjerkan, 1905            |   |
| ZD64 | <i>Lissoclinum</i> Verrill, 1871           |   |
| ZD65 | <i>perforatum</i> (Giard, 1872)            | Synonyms: <i>L. argyllense</i> Millar, 1950; <i>L. pseudoleptoclinum</i> von Drasche, 1883.   |
| ZD66 | <i>weigelei</i> Lafargue, 1968             | French Atlantic coast.  |
| ZD67 | <b>PHLEBOBRANCHIATA</b>                    |   |
| ZD68 | Cionidae                                   |   |

|       |  |   |
|-------|--|---|
| ZD69  | <i>Ciona</i> Fleming, 1822                       |   |
| ZD70  | <i>fascicularis</i> Hancock, 1870                | This species was re-established by Monniot (1963). Originally described from Scotland and the Isle of Wight.  |
| ZD71  | <i>intestinalis</i> (Linnaeus, 1767)             |   |
| ZD72  | Diazonidae                                       |   |
| ZD73  | <i>Diazona</i> Savigny, 1816                     |   |
| ZD74  | <i>violacea</i> Savigny, 1816                    |   |
| ZD75  | Perophoridae                                     |   |
| ZD76  | <i>Perophora</i> Wiegmann, 1835                  |   |
| ZD77  | <i>japonica</i> Oka, 1927                        | French coast, associated with <i>Sargassum muticum</i> (Monniot & Monniot, 1985).   |
| ZD78  | <i>listeri</i> Forbes, 1848                      |   |
| ZD79  | Corellidae                                       |   |
| ZD80  | <i>Corella</i> Alder & Hancock, 1870             |   |
| ZD81  | <i>parallelogramma</i> (O F Müller, 1776)        |   |
| ZD82  | Asciidiidae                                      |   |
| ZD83  | <i>Asciidiella</i> Roule, 1884                   |   |
| ZD84  | <i>aspersa</i> (O F Müller, 1776)                |   |
| ZD85  | <i>scabra</i> (O F Müller, 1776)                 |   |
| ZD86  | <i>sp.</i>                                       | Synonym: <i>A. pellucida</i> Alder & Hancock, 1848. Species recorded from the Shetland Islands-no name yet attributed to it although it is not necessarily a new species (D.W.Connor, pers. obs.).  |
| ZD87  | <i>Ascidia</i> Linnaeus, 1767                    |   |
| ZD88  | <i>conchilega</i> O F Müller, 1776               |   |
| ZD89  | <i>mentula</i> O F Müller, 1776                  |   |
| ZD90  | <i>obliqua</i> Alder, 1863                       |   |
| ZD91  | <i>prunum</i> O F Müller, 1776                   |   |
| ZD92  | <i>virginea</i> O F Müller, 1776                 |   |
| ZD93  | <i>Phallusia</i> Savigny, 1816                   |   |
| ZD94  | <i>fumigata</i> Grube, 1864                      | Reported from the Channel (Harant & Vernieres, 1933) and, probably incorrectly, from the Clyde (Hartmeyer, 1924). Synonym: <i>P. chloroea</i> (Giard, 1872).  |
| ZD95  | <i>mammillata</i> (Cuvier, 1815)                 |   |
| ZD96  | <i>Psammascidia</i> F Monniot, 1962              |   |
| ZD97  | <i>teissieri</i> F Monniot, 1962                 | Interstitial species recorded from Roscoff (F. Monniot, 1962).  |
| ZD98  | <b>PLEUROGONA</b>                                |   |
| ZD99  | <b>STOLIDOBRANCHIATA</b>                         |   |
| ZD100 | Styelidae  |   |
| ZD101 | <i>Pelonaia</i> Forbes & Goodsir, 1841           |   |
| ZD102 | <i>corrugata</i> Forbes & Goodsir, 1841          |   |
| ZD103 | <i>Styela</i> Fleming, 1822                      |   |
| ZD104 | <i>clava</i> Herdman, 1881                       |   |
| ZD105 | <i>coriacea</i> (Alder & Hancock, 1848)          | Synonym: <i>S. mammiculata</i> (Carlisle, 1954).  |
| ZD106 | <i>gelatinosa</i> Traustedt, 1886                | Recently recorded from Loch Goil, Clyde (Holt & Davies, 1991).  |
| ZD107 | <i>partita</i> (Stimpson, 1852)                  |   |
| ZD108 | <i>Cnemidocarpa</i> Huntsman, 1912               |   |
| ZD109 | <i>mollis</i> (Stimpson, 1852)                   |   |
| ZD110 | <i>Polycarpa</i> Heller, 1877                    |   |
| ZD111 | <i>comata</i> (Alder, 1863)                      | See Vazquez, Ramos-Espla & Turon (1995). <i>Polycarpa fibrosa</i> of Berrill (1950) in part. Recorded from Bay of Biscay by Glemarec & Monniot (1966) who consider it a North Sea species.  |
| ZD112 | <i>fibrosa</i> (Stimpson, 1852)                  |   |
| ZD113 | <i>gracilis</i> Heller, 1877                     |   |
| ZD114 | <i>pentarhiza</i> F Monniot, 1965                | Interstitial species recorded from Roscoff (F.Monniot, 1965).   |
| ZD115 | <i>pomaria</i> (Savigny, 1816)                   |   |
| ZD116 | <i>scuba</i> Monniot, 1970                       | Not <i>Ascidia rustica</i> L. which is the common Scandinavian species <i>Styela rustica</i> . Synonym: <i>P rustica</i> (Forbes & Hanley, 1853). Synonyms: <i>Styela humilis</i> (Alder & Hancock, 1907); <i>Styela obscura</i> (Alder & Hancock, 1907); <i>Styela depressa</i> (Alder & Hancock, 1907). <i>P fibrosa</i> of Berrill (1950) in part. |
| ZD117 | <i>tenera</i> Lacaze-Duthiers & Délage, 1892     |   |
| ZD118 | <i>violacea</i> (Alder, 1863)                    |   |
| ZD119 | <i>Dendrodoa</i> MacLeay, 1824                   |   |
| ZD120 | <i>grossularia</i> (van Beneden, 1846)           |   |
| ZD121 | <i>Distomus</i> Gaertner in Pallas, 1774         |   |
| ZD122 | <i>variolosus</i> Gaertner in Pallas, 1774       |   |
| ZD123 | <i>Stolonica</i> Lacaze-Duthiers & Delage, 1892  |   |
| ZD124 | <i>socialis</i> Hartmeyer, 1903                  |   |
| ZD125 | <i>Botryllus</i> Gaertner in Pallas, 1774        |   |
| ZD126 | <i>schlosseri</i> (Pallas, 1766)                 |   |
| ZD127 | <i>Botrylloides</i> Milne-Edwards, 1841          |   |
| ZD128 | <i>leachi</i> (Savigny, 1816)                    |   |
| ZD129 | <i>Protostyela</i> Millar, 1954                  |   |
| ZD130 | <i>heterobranchia</i> Millar, 1954               | Rediscovered in 1983 on settlement panels in Galway Bay (M. White, pers. comm). Revised by C.Monniot (1965).  |
| ZD131 | Pyuridae   |   |
| ZD132 | <i>Microcosmus</i> Heller, 1877                  |   |
| ZD133 | <i>claudicans</i> (Savigny, 1816)                |   |
| ZD134 | <i>Boltenia</i> Savigny, 1816                    |   |
| ZD135 | <i>echinata</i> (Linnaeus, 1767)                 |   |
| ZD136 | <i>Bolteniopsis</i> Harant, 1927                 |   |
| ZD137 | <i>prenanti</i> Harant, 1927                     | Reported from the Isles of Scilly (Rowe, 1972).   |
| ZD138 | <i>Pyura</i> Molina, 1782                        |   |
| ZD139 | <i>microcosmus</i> (Savigny, 1816)               | Synonym: <i>P savignyi</i> Lévi, 1955.  |
| ZD140 | <i>squamulosa</i> (Alder, 1863)                  |   |
| ZD141 | <i>tessellata</i> (Forbes, 1848)                 |   |
| ZD142 | <i>Heterostigma</i> Arnback-Christie-Linde, 1924 |   |
| ZD143 | <i>reptans</i> Monniot & Monniot, 1963           | Described from Bergen. See Monniot & Monniot (1963). See Monniot & Monniot (1963).  |
| ZD144 | <i>separ</i> (Arnback-Christie-Linde, 1924)      |   |

- ZD145           Molgulidae
- ZD146           *Molgula* Forbes in Forbes & Hanley, 1848  
 ZD147            *bleizi* (Lacaze-Duthiers, 1877)  
 ZD148            *citrina* Alder & Hancock, 1848  
 ZD149            *complanata* Alder & Hancock, 1870  
 ZD150            *echinosiphonica* Lacaze-Duthiers, 1877
- ZD151            *manhattensis* (de Kay, 1843)  
 ZD152            *occulta* Kupffer, 1875  
 ZD153            *oculata* Forbes, 1848  
 ZD154            *simplex* Alder & Hancock, 1870  
 ZD155            *siphonata* Alder, 1850
- ZD156            *socialis* Alder, 1848
- ZD157            *tubifera* Orstedt, 1844
- ZD158            *Eugyra* Alder & Hancock, 1870  
 ZD159            *arenosa* (Alder & Hancock, 1848)  
 ZD160            **APPENDICULARIA**
- ZD161            **COPELATA**
- ZD162            Oikopleuridae
- ZD163            *Oikopleura* Mertens
- ZD164             *dioica* Fol, 1872  
 ZD165             *fusiformis* Fol, 1872  
 ZD166             *labradoriensis* Lohmann, 1896  
 ZD167             *vanhoffeni* Lohmann, 1896
- ZD168            *Appendicularia*
- ZD169             *sicula* Fol, 1874
- ZD170            Fritillariidae
- ZD171            *Fritillaria* Quoy & Gaimard, 1826  
 ZD172             *borealis* Lohmann, 1896
- ZD173            **THALIACEA**
- ZD174            **DOLIOLIDA**
- ZD175            Doliolidae
- ZD176             *Doliolum* Quoy & Gaimard, 1834  
 ZD177             *Doliolum (Doliolum)* Quoy & Gaimard, 1834  
 ZD178             *nationalis* Borgert, 1893  
 ZD179             *Doliolum (Dolioletta)* Borgert, 1894  
 ZD180             *gegenbauri* Uljanin, 1884  
 ZD181             *Doliolum (Doliolina)* Borgert, 1894  
 ZD182             *mulleri* Krohn, 1852
- ZD183            **SALPIDA**
- ZD184            Salpidae
- ZD185            Cyclosalpinx
- ZD186             *Helicosalpa* Todaro, 1902  
 ZD187             *virgula* (Vogt, 1854)
- ZD188             *Cyclosalpa* de Blainville, 1827  
 ZD189             *affinis* (Chamisso, 1819)  
 ZD190             *bakeri* Ritter, 1905  
 ZD191             *foxtoni* van Soest, 1974  
 ZD192             *pinnata* (Forskål, 1775)
- ZD193            Salpinae
- ZD194             *Salpa* Forskål, 1775  
 ZD195             *fusiformis* Cuvier, 1804  
 ZD196             *Thalia* Blumenbach, 1798  
 ZD197             *democratica* (Forskål, 1775)  
 ZD198             *Ihlea* Metcalf, 1919  
 ZD199             *punctata* (Forskål, 1775 )  
 ZD200             *lasis*  
 ZD201             *zonaria* (Pallas, 1774)  
 ZD202             *Thetys*  
 ZD203             *vagina* Tilesius, 1802  
 ZD204             *Pegea* Savigny, 1816  
 ZD205             *confoederata* (Forskål, 1775)  
 ZD206             *Ritteriella* Metcalf, 1919  
 ZD207             *picteti* (Apstein, 1904)
- ZD208            **PYROSOMIDA**
- ZD209            Pyrosomidae
- ZD210             *Pyrosoma* Peron, 1804  
 ZD211             *Pyrosoma (Pyrosoma)* Peron, 1804  
 ZD212             *atlanticum* Peron, 1804  
 ZD213             *Pyrosoma (Pyrostremma)* Garstang, 1928  
 ZD214             *spinusum* Herdman, 1888
- Revised by C. Monniot (1969) including division of *Molgula manhattensis* into several species.
- French Channel coast.
- North coast of Brittany. *Molgula citrina* of Berrill (1950) in part.  
 Restricted to estuaries and ports.
- Part *Molgula manhattensis* of Hartmeyer (1923) and others. North Sea. Part *Molgula manhattensis* of Hartmeyer (1923) and others.  
 Channel coasts. Part *Molgula manhattensis* of Hartmeyer (1923) and others.  
 North Sea. Part *Molgula manhattensis* of Hartmeyer (1923) and others.
- Follows Fraser (1982). See also Seeliger and Hartmeyer (1893-1911). Fraser notes other, mainly warm-water, species which may occur within the area in intrusions of oceanic water.
- Cold water species.
- Warm water species.
- See van Soest (1974a).
- See van Soest (1974b).
- Synonym: *Salpa democratica*.
- Synonym: *I. asymmetrica* Fowler, 1896.
- Synonym: *Salpa zonaria*.
- Synonym: *Salpa vagina* (Tilesius, 1802).
- Synonym: *Salpa confederata*.

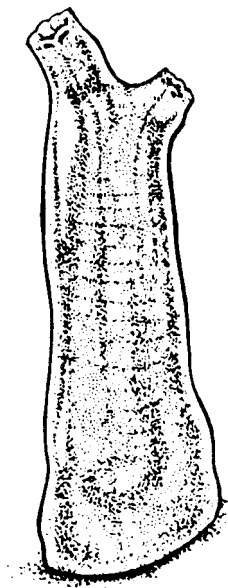


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# PISCES

compiled by

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## PISCES

## INTRODUCTION

This checklist of fish species from British seas is based largely on the excellent books by Wheeler (1969, 1978) on the fishes of the British Isles and north western Europe and the Unesco publications edited by Hureau & Monod (1979) and Whitehead *et al.* (1984-1986) on the fishes of the north eastern Atlantic and Mediterranean. The area covered by the checklist is more restricted than these, but still includes around 325 species.

The list broadly follows the order of families used by Wheeler (1978) since this guide, now sadly out of print, is perhaps the one most commonly used by those interested in British fishes. A few departures from the order used in his book reflect recent advances in our understanding of the natural groupings of the various families. Within each family, genera are listed in alphabetical order without any respect for sub-familial groupings, and within genera species are listed alphabetically. "Common" names have been included for all except a few species. Most of these are genuine common names but for rarer species, particularly deep-water ones, no real common names exist, and accepted English names have been culled from the various publications cited below. On the whole, these follow Wheeler (1978). There are regional variants on common names for several species, but not all are included here.

Fishes are a comparatively well-studied group of marine animals and thus taxonomic uncertainties are relatively few. However, matters of controversy still arise. For example, a recent paper by Bamber & Henderson (1985) suggested that the two Sand-smelt species *Atherina presbyter* and *A. boyeri* were tails of a continuum of form and thus appeared to represent merely divergent populations of a single species. However, a recent survey of 10 populations of *Atherina* in Europe by Creech (1991) has shown them to be separable into two distinct forms using both electrophoretic and morphometric techniques. This latter work is consistent with there being two Sand-smelt species, *A. presbyter* and *A. boyeri*, in the area. Also it is of interest to note that two gobies new to science have been described from British waters in the recent past, namely *Gobius couchi* and *G. gasteveni* described in 1974. There may still be undiscovered species lurking in our waters and no doubt in the future species, other than those listed here, will be found straying into the area.

All species which are at all likely to be found within the area have been listed, including several deep-water species (deemed here to be those which generally occur deeper than the 200 metre isobath) which may occasionally stray onto the shelf and thus into the area under consideration. Similarly, certain fish which are primarily oceanic are included because they too may be found in inshore waters, particularly after storms. Some of these species are also "deep-water" - mesopelagic fish, inhabiting the twilight zone between 200m and 800m depth, which only venture into shallower water at night. However, even such relatively deep-living oceanic species may be found washed up in rockpools after gales, e.g. the Pearlsides, *Maurollicus muelleri* which is quite frequently swept onto exposed western shores. Other species are rare in the area as they are either warm-water species which tend to stray to our southern shores only during the summer months, or Arctic species which have strayed south into the northern North Sea, but are usually confined to the cooler deeper water there. We have included notes on these peripheral species and any others of particular interest.

## ACKNOWLEDGEMENTS

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**CLASSIFICATION**Phylum **CHORDATA**Subphylum **PISCES**Superclass **AGNATHA**Class **MYXINI**Order **MYXINIFORMES**Family **Myxinidae** ..... ZF4Class **CEPHALASPIDOMORPHI**Order **PETROMYZONTIFORMES**Family **Petromyzontidae** ..... ZE9Superclass **GNATHOSTOMATA**Class **CHONDRICHTHYES**Subclass **ELASMOBRANCHII**Order **HEXANCHIFORMES**Family **Hexanchidae** ..... ZF5Family **Chlamydoselachidae** ..... ZF8Order **LAMNIFORMES**Family **Lamnidae** ..... ZF12Family **Cetorhinidae** ..... ZF17Family **Alopiidae** ..... ZF20Order **CARCHARHINIFORMES**Family **Scyliorhinidae** ..... ZF24Family **Pseudotriakidae** ..... ZF30Family **Triakidae** ..... ZF33Family **Carcharhinidae** ..... ZF39Family **Sphyrnidae** ..... ZF42Order **SQUALIFORMES**Family **Oxynotidae** ..... ZF46Family **Squalidae** ..... ZF50Family **Echinorhinidae** ..... ZF67Order **SQUATINIFORMES**Family **Squatinae** ..... ZF71Order **TORPEDINIFORMES**Family **Torpedinidae** ..... ZF76Order **RAJIFORMES**Family **Rajidae** ..... ZF81Order **MYLIOBATIDIFORMES**Family **Dasyatidae** ..... ZF101Family **Myliobatidae** ..... ZF104Family **Mobulidae** ..... ZF107Subclass **HOLOCEPHALI**Order **CHIMAERIFORMES**Family **Chimaeridae** ..... ZF112Class **OSTEICHTHYES**Subclass **CHONDROSTEI**Order **ACIPENSERIFORMES**Family **Acipenseridae** ..... ZG4Subclass **TELEOSTEI**Order **ANGUILLIFORMES**Family **Anguillidae** ..... ZG9Family **Muraenidae** ..... ZG12Family **Congridae** ..... ZG15Family **Nemichthyidae** ..... ZG18Order **NOTACANTHIFORMES**Family **Notacanthidae** ..... ZG24Order **CLUPEIFORMES**Family **Clupeidae** ..... ZG29Family **Engraulididae** ..... ZG39

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|                                      |       |
|--------------------------------------|-------|
| Order <b>SALMONIFORMES</b>           |       |
| Family <b>Salmonidae</b> .....       | ZG43  |
| Family <b>Osmeridae</b> .....        | ZG52  |
| Family <b>Argentinidae</b> .....     | ZG55  |
| Family <b>Alepocephalidae</b> .....  | ZG59  |
| Order <b>STOMIIFORMES</b>            |       |
| Family <b>Sternoptychidae</b> .....  | ZG66  |
| Order <b>AULOPIIFORMES</b>           |       |
| Family <b>Alepisauridae</b> .....    | ZG75  |
| Family <b>Paralepididae</b> .....    | ZG78  |
| Order <b>GOBIESOCIFORMES</b>         |       |
| Family <b>Gobiesocidae</b> .....     | ZG82  |
| Order <b>LOPHIIFORMES</b>            |       |
| Family <b>Lophiidae</b> .....        | ZG91  |
| Family <b>Ceratiidae</b> .....       | ZG95  |
| Family <b>Himantolophidae</b> .....  | ZG98  |
| Family <b>Antennariidae</b> .....    | ZG101 |
| Order <b>GADIFORMES</b>              |       |
| Family <b>Gadidae</b> .....          | ZG105 |
| Family <b>Merlucciidae</b> .....     | ZG147 |
| Family <b>Moridae</b> .....          | ZG150 |
| Family <b>Macrouridae</b> .....      | ZG153 |
| Order <b>OPHIDIIFORMES</b>           |       |
| Family <b>Ophidiidae</b> .....       | ZG169 |
| Family <b>Carapidae</b> .....        | ZG172 |
| Order <b>BELONIFORMES</b>            |       |
| Family <b>Exocoetidae</b> .....      | ZG176 |
| Family <b>Belonidae</b> .....        | ZG183 |
| Family <b>Scomberesocidae</b> .....  | ZG187 |
| Order <b>ATHERINIFORMES</b>          |       |
| Family <b>Atherinidae</b> .....      | ZG191 |
| Order <b>BERYCIFORMES</b>            |       |
| Family <b>Berycidae</b> .....        | ZG196 |
| Family <b>Diretmidae</b> .....       | ZG200 |
| Family <b>Trachichthyidae</b> .....  | ZG203 |
| Order <b>ZEIFORMES</b>               |       |
| Family <b>Zeidae</b> .....           | ZG207 |
| Family <b>Caproidae</b> .....        | ZG210 |
| Order <b>LAMPRIDIFORMES</b>          |       |
| Family <b>Lamprididae</b> .....      | ZG214 |
| Family <b>Regalecidae</b> .....      | ZG217 |
| Family <b>Trachipteridae</b> .....   | ZG220 |
| Order <b>GASTEROSTEIFORMES</b>       |       |
| Family <b>Gasterosteidae</b> .....   | ZG224 |
| Order <b>SYNGNATHIFORMES</b>         |       |
| Family <b>Macroramphosidae</b> ..... | ZG232 |
| Family <b>Syngnathidae</b> .....     | ZG235 |
| Order <b>SCORPAENIFORMES</b>         |       |
| Family <b>Scorpaenidae</b> .....     | ZG249 |
| Family <b>Triglidae</b> .....        | ZG260 |
| Family <b>Cottidae</b> .....         | ZG273 |
| Family <b>Psychrolutidae</b> .....   | ZG286 |
| Family <b>Agonidae</b> .....         | ZG289 |
| Family <b>Cyclopteridae</b> .....    | ZG292 |
| Order <b>DACTYLOPTERIFORMES</b>      |       |
| Family <b>Dactylopteridae</b> .....  | ZG299 |
| Order <b>PERCIFORMES</b>             |       |
| Family <b>Serranidae</b> .....       | ZG303 |
| Family <b>Percichthyidae</b> .....   | ZG310 |
| Family <b>Apogonidae</b> .....       | ZG316 |

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|                             |       |
|-----------------------------|-------|
| Family Pomatomidae .....    | ZG319 |
| Family Echeleididae .....   | ZG322 |
| Family Carangidae .....     | ZG327 |
| Family Bramidae .....       | ZG339 |
| Family Sparidae .....       | ZG348 |
| Family Sciaenidae .....     | ZG365 |
| Family Mullidae .....       | ZG372 |
| Family Cepolidae .....      | ZG375 |
| Family Mugilidae .....      | ZG378 |
| Family Labridae .....       | ZG386 |
| Family Trachinidae .....    | ZG401 |
| Family Blenniidae .....     | ZG406 |
| Family Anarhichadidae ..... | ZG415 |
| Family Tripterygiidae ..... | ZG420 |
| Family Stichaeidae .....    | ZG423 |
| Family Zoarcidae .....      | ZG430 |
| Family Pholididae .....     | ZG438 |
| Family Ammodytidae .....    | ZG441 |
| Family Callionymidae .....  | ZG450 |
| Family Gobiidae .....       | ZG455 |
| Family Gempylidae .....     | ZG484 |
| Family Trichiuridae .....   | ZG489 |
| Family Scombridae .....     | ZG498 |
| Family Luvaridae .....      | ZG517 |
| Family Istiophoridae .....  | ZG520 |
| Family Xiphiidae .....      | ZG525 |
| Family Centrolophidae ..... | ZG528 |
| Family Nomeidae .....       | ZG535 |
| Family Tetragonuridae ..... | ZG538 |
| Family Stromateidae .....   | ZG542 |

Order PLEURONECTIFORMES

|                             |       |
|-----------------------------|-------|
| Family Scophthalmidae ..... | ZG546 |
| Family Bothidae .....       | ZG559 |
| Family Pleuronectidae ..... | ZG564 |
| Family Soleidae .....       | ZG581 |
| Family Cynoglossidae .....  | ZG592 |

Order TETRAODONTIFORMES

|                             |       |
|-----------------------------|-------|
| Family Balistidae .....     | ZG596 |
| Family Tetraodontidae ..... | ZG601 |
| Family Molidae .....        | ZG604 |

Subphylum PISCES

Superclass AGNATHA

|      |                                     |  |
|------|-------------------------------------|--|
| ZE1  | AGNATHA                             |  |
| ZE2  | MYXINI                              |  |
| ZE3  | MYXINIFORMES                        |  |
| ZE4  | Myxinidae                           |  |
| ZE5  | <i>Myxine</i>                       |  |
| ZE6  | <i>glutinosa</i> Linnaeus, 1758     | Hagfish. Usually found on soft mud, 30-500m. |
| ZE7  | CEPHALASPIDOMORPHI                  |  |
| ZE8  | PETROMYZONTIFORMES                  |  |
| ZE9  | Petromyzontidae                     |  |
| ZE10 | <i>Lampetra</i> J E Gray, 1851      |  |
| ZE11 | <i>fluviatilis</i> (Linnaeus, 1758) | Lampern.                                     |
| ZE12 | <i>Petromyzon</i> Linnaeus, 1758    |  |
| ZE13 | <i>marinus</i> Linnaeus, 1758       | Sea Lamprey.                                 |

Superclass GNATHOSTOMATA

Class CHONDRICHTHYES

|     |                |
|-----|----------------|
| ZF1 | CHONDRICHTHYES |
| ZF2 | ELASMOBRANCHII |
| ZF3 | SELACHIMORPHA  |
| ZF4 | HEXANCHIFORMES |
| ZF5 | Hexanchidae    |

|      |                          |                           |  |
|------|--------------------------|---------------------------|--|
| ZF6  | <i>Hexanchus</i>         | Rafinesque-Schmaltz, 1810 |  |
| ZF7  | <i>griseus</i>           | (Bonnaterre, 1788)        | Six-gilled Shark. Generally regarded as a deep water species, 200-1000m.                                 |
| ZF8  | Chlamydoselachidae       |                           |  |
| ZF9  | <i>Chlamydoselachus</i>  | Garman, 1884              |  |
| ZF10 | <i>anguineus</i>         | Garman, 1884              | Friiled Shark. Rare. On outer continental shelf off northern Scotland and western Ireland.               |
| ZF11 | <b>LAMNIFORMES</b>       |                           |  |
| ZF12 | Lamnidae                 |                           |  |
| ZF13 | <i>Isurus</i>            | Rafinesque-Schmaltz, 1810 |  |
| ZF14 | <i>oxyrinchus</i>        | Rafinesque-Schmaltz, 1810 | Mako. A summer migrant to N. European waters.  |
| ZF15 | <i>Lamna</i>             | Cuvier, 1817              |  |
| ZF16 | <i>nasus</i>             | Bonnaterre, 1788          | Porbeagle. Present all year round, but more common in summer and autumn.                                 |
| ZF17 | Cetorhinidae             |                           |  |
| ZF18 | <i>Cetorhinus</i>        | de Blainville, 1816       |  |
| ZF19 | <i>maximus</i>           | (Gunnerus, 1765)          | Basking Shark.   |
| ZF20 | Alopiidae                |                           |  |
| ZF21 | <i>Alopias</i>           | Rafinesque-Schmaltz, 1810 |  |
| ZF22 | <i>vulpinus</i>          | (Bonnaterre, 1788)        | Thresher or Fox Shark.   |
| ZF23 | <b>CARCHARHINIFORMES</b> |                           |  |
| ZF24 | Scyliorhinidae           |                           |  |
| ZF25 | <i>Galeus</i>            | Rafinesque-Schmaltz, 1810 |  |
| ZF26 | <i>melastomus</i>        | Rafinesque-Schmaltz, 1810 | Black-mouthed Dogfish. Common in deeper waters, 180-730m.  |
| ZF27 | <i>Scyliorhinus</i>      | de Blainville, 1816       |  |
| ZF28 | <i>canicula</i>          | (Linnaeus, 1758)          | Dogfish.   |
| ZF29 | <i>stellaris</i>         | (Linnaeus, 1758)          | Nurse Hound or Bull Huss. A southern species.  |
| ZF30 | Pseudotriakidae          |                           |  |
| ZF31 | <i>Pseudotriakis</i>     | Capello, 1868             |  |
| ZF32 | <i>microdon</i>          | Capello, 1868             | False Catshark. A deep-water species, usually found below 200m on outer continental shelf and slope.     |
| ZF33 | Triakidae                |                           |  |
| ZF34 | <i>Galeorhinus</i>       | de Blainville, 1816       |  |
| ZF35 | <i>galeus</i>            | (Linnaeus, 1758)          | Tope.  |
| ZF36 | <i>Mustelus</i>          | Linck, 1790               |  |
| ZF37 | <i>asterias</i>          | Cloquet, 1821             | Starry Smooth Hound, Sweet William. Identification often confused with <i>M. mustelus</i> .              |
| ZF38 | <i>mustelus</i>          | (Linnaeus, 1758)          | Smooth Hound.  |
| ZF39 | Carcharhinidae           |                           |  |
| ZF40 | <i>Prionace</i>          | Cantor, 1849              |  |
| ZF41 | <i>glauca</i>            | (Linnaeus, 1758)          | Blue Shark. A pelagic, open ocean shark.   |
| ZF42 | Sphyrnidae               |                           |  |
| ZF43 | <i>Sphyma</i>            | Rafinesque-Schmaltz, 1810 |  |
| ZF44 | <i>zygaena</i>           | (Linnaeus, 1758)          | Common Hammerhead. A very rare vagrant from warmer waters. Almost all records from southern part of area |
| ZF45 | <b>SQUALIFORMES</b>      |                           |  |
| ZF46 | Oxynotidae               |                           |  |
| ZF47 | <i>Oxynotus</i>          | Rafinesque-Schmaltz, 1810 |  |
| ZF48 | <i>centrina</i>          | (Linnaeus, 1758)          | Angular Rough-shark. A southern species, may stray as far north as Cornwall.                             |
| ZF49 | <i>paradoxus</i>         | Frade, 1929               | Sailfin rough-shark. A deep-water species off western coasts. Upper continental slope, 265m+.            |
| ZF50 | Squalidae                |                           |  |
| ZF51 | <i>Centroscymnus</i>     | Bocage & Capello, 1864    |  |
| ZF52 | <i>coelolepis</i>        | Bocage & Capello, 1864    | Portuguese Dogfish. Primarily a deep-water species of the continental slope, 400m+.                      |
| ZF53 | <i>crepidater</i>        | Bocage & Capello, 1864    | Longnose Velvet-shark. Primarily a deep-water species of the continental slope, 200m+.                   |
| ZF54 | <i>Dalatias</i>          | Rafinesque-Schmaltz, 1810 |  |
| ZF55 | <i>lichta</i>            | (Bonnaterre, 1788)        | Darkie Charlie. The generic name <i>Scymnorhinus</i> is also in common use.                              |
| ZF56 | <i>Deania</i>            | Jordan & Snyder, 1802     |  |
| ZF57 | <i>calceus</i>           | (Lowe, 1839)              | Shovel-nosed Shark. Primarily a deep-water species of the continental slope below 400m depth.            |
| ZF58 | <i>Etmopterus</i>        | Rafinesque-Schmaltz, 1810 |  |
| ZF59 | <i>princeps</i>          | Collett, 1904             | Greater Lantern-shark. A continental slope species, 300m+, that may stray onto the shelf.                |
| ZF60 | <i>spinax</i>            | (Linnaeus, 1758)          | Velvet-belly. Common along the continental shelf.  |
| ZF61 | <i>Scymnodon</i>         | Bocage & Capello, 1864    |  |
| ZF62 | <i>ringens</i>           | Bocage & Capello, 1864    | Knifetooth Dogfish. A deep-water species, occasional on shelf margins, usually at 200m+.                 |
| ZF63 | <i>Somniosus</i>         | Lesueur, 1818             |  |
| ZF64 | <i>microcephalus</i>     | (Bloch & Schneider, 1801) | Greenland Shark. A northern, deep-water species, usually found below 200m.                               |
| ZF65 | <i>Squalus</i>           |                           |  |
| ZF66 | <i>acanthias</i>         | Linnaeus, 1758            | Spurdog.   |
| ZF67 | Echinorhinidae           |                           |  |
| ZF68 | <i>Echinorhinus</i>      | de Blainville, 1816       |  |
| ZF69 | <i>brucus</i>            | (Bonnaterre, 1788)        | Bramble Shark. Primarily a continental slope species, occurring below 400m.                              |
| ZF70 | <b>SQUATINIFORMES</b>    |                           |  |
| ZF71 | Squatinae                |                           |  |
| ZF72 | <i>Squatina</i>          | Dumeril, 1806             |  |
| ZF73 | <i>squatina</i>          | (Linnaeus, 1758)          | Monkfish. More common in summer months.  |
| ZF74 | <b>BATOIDOIDIMORPHA</b>  |                           |  |
| ZF75 | <b>TORPEDINIFORMES</b>   |                           |  |
| ZF76 | Torpedinidae             |                           |  |
| ZF77 | <i>Torpedo</i>           | Houttuyn, 1764            |  |
| ZF78 | <i>marmorata</i>         | Risso, 1810               | Marbled Electric Ray. A rare vagrant from warmer waters. Strays into southern North Sea.                 |



|       |   |   |
|-------|---|---|
| ZF79  | <i>nobiliana</i> Bonaparte, 1835          | Electric Ray.   |
| ZF80  | <b>RAJIFORMES</b>                         |   |
| ZF81  | Rajidae                                   |   |
| ZF82  | <i>Bathyraja</i> Ishiyama & Hubbs, 1968   |   |
| ZF83  | <i>spinicauda</i> (Jensen, 1914)          | Spinetail Ray. Primarily an Arctic species occurring in extreme north of area, usually below 140m.                |
| ZF84  | <i>Raja</i> Linnaeus, 1758                |   |
| ZF85  | <i>alba</i> Lacepede, 1803                | White Skate. Moderate to deep-water species, reaching northerly limit in the English Channel.                     |
| ZF86  | <i>batis</i> Linnaeus, 1758               | Skate.  |
| ZF87  | <i>brachyura</i> Lafont, 1873             | Blonde Ray.   |
| ZF88  | <i>circularis</i> Couch, 1838             | Sandy Ray.  |
| ZF89  | <i>clavata</i> Linnaeus, 1758             | Roker, Thornback Ray.   |
| ZF90  | <i>fullonica</i> Linnaeus, 1758           | Shagreen Ray.   |
| ZF91  | <i>fyllae</i> Lütken, 1888                | Round Skate. Confined to edge of continental shelf, usually below 170m.   |
| ZF92  | <i>hyperborea</i> Collett, 1879           | Arctic Skate. Primarily an Arctic species which may stray into the extreme north of the area. Usually below 300m. |
| ZF93  | <i>microcellata</i> Montagu, 1818         | Painted Ray. A southern/western species of restricted distribution.   |
| ZF94  | <i>montagui</i> Fowler, 1910              | Spotted Ray.  |
| ZF95  | <i>naevus</i> J Müller & Henle, 1841      | Cuckoo Ray.   |
| ZF96  | <i>nidarosiensis</i> Storm, 1881          | Black Skate. A deep-water species occurring along western edge of the continental shelf, 200m+.                   |
| ZF97  | <i>oxyrinchus</i> Linnaeus, 1758          | Long-nosed Skate. A deep-water species.   |
| ZF98  | <i>radiata</i> Donovan, 1808              | Starry Ray. A northern species found at 20-900m.  |
| ZF99  | <i>undulata</i> Lacepede, 1802            | Undulate Ray. Common only in W. Channel.  |
| ZF100 | <b>MYLIOBATIDIFORMES</b>                  |   |
| ZF101 | Dasyatididae                              |   |
| ZF102 | <i>Dasyatis</i> Rafinesque-Schmaltz, 1810 |   |
| ZF103 | <i>pastinaca</i> (Linnaeus, 1758)         | Sting Ray.  |
| ZF104 | Myliobatididae                            |   |
| ZF105 | <i>Myliobatis</i> Cuvier, 1816            |   |
| ZF106 | <i>aquila</i> (Linnaeus, 1758)            | Eagle Ray. Primarily a southern species.  |
| ZF107 | Mobulidae                                 |   |
| ZF108 | <i>Mobula</i> Rafinesque-Schmaltz, 1810   |   |
| ZF109 | <i>mobular</i> (Bonnaterre, 1788)         | Devil Ray. Only one or two records from south of area.  |
| ZF110 | <b>HOLOCEPHALI</b>                        |   |
| ZF111 | <b>CHIMAERIFORMES</b>                     |   |
| ZF112 | Chimaeridae                               |   |
| ZF113 | <i>Chimaera</i> Linnaeus, 1758            |   |
| ZF114 | <i>monstrosa</i> Linnaeus, 1758           | Rabbit-fish. A deep-water species, 100m+.   |

## Superclass GNATHOSTOMATA

### Class OSTEICHTHYES

|      |  |   |
|------|--|---|
| ZG1  | <b>OSTEICHTHYES</b>                    |   |
| ZG2  | <b>CHONDROSTEI</b>                     |   |
| ZG3  | <b>ACIPENSERIFORMES</b>                |   |
| ZG4  | Acipenseridae                          |   |
| ZG5  | <i>Acipenser</i> Linnaeus, 1758        |   |
| ZG6  | <i>sturio</i> Linnaeus, 1758           | Sturgeon. A rare visitor to northern European waters.                 |
| ZG7  | <b>TELEOSTEI</b>                       |   |
| ZG8  | <b>ANGUILLIFORMES</b>                  |   |
| ZG9  | Anguillidae                            |   |
| ZG10 | <i>Anguilla</i> Schrank, 1798          |   |
| ZG11 | <i>anguilla</i> (Linnaeus, 1758)       | Eel.  |
| ZG12 | Muraenidae                             |   |
| ZG13 | <i>Muraena</i> Linnaeus, 1758          |   |
| ZG14 | <i>helena</i> Linnaeus, 1758           | Moray Eel. Extremely rare in far south of area. A Lusitanian species. |
| ZG15 | Congridae                              |   |
| ZG16 | <i>Conger</i> Oken, 1817               |   |
| ZG17 | <i>conger</i> (Linnaeus, 1758)         | Conger Eel.   |
| ZG18 | Nemichthyidae                          |   |
| ZG19 | <i>Avocettina</i> Jordan & Davis, 1892 |   |
| ZG20 | <i>infans</i> (Gunther, 1878)          | Snipe Eel. A deep-water oceanic eel only recorded once in the area.   |
| ZG21 | <i>Nemichthys</i> Richardson, 1848     |   |
| ZG22 | <i>scolopaceus</i> Richardson, 1848    | Snipe Eel.  |
| ZG23 | <b>NOTACANTHIFORMES</b>                |   |
| ZG24 | Notacanthidae                          |   |
| ZG25 | <i>Notacanthus</i> Bloch, 1788         |   |
| ZG26 | <i>bonapartei</i> Risso, 1840          | Spiny Eel. A deep-water species recorded primarily below 400m.        |
| ZG27 | <i>chemnitzii</i> (Bloch, 1788)        | Spiny Eel. A deep-water species.                                      |
| ZG28 | <b>CLUPEIFORMES</b>                    |   |
| ZG29 | Clupeidae                              |   |
| ZG30 | <i>Alosa</i> Linck, 1790               |   |
| ZG31 | <i>alosa</i> (Linnaeus, 1758)          | Allis Shad. Very rare.  |
| ZG32 | <i>fallax</i> (Lacepede, 1803)         | Twaite Shad. Scarce. Synonym: <i>A. finta</i> Cuvier.                 |
| ZG33 | <i>Clupea</i> Linnaeus, 1758           |   |
| ZG34 | <i>harengus</i> Linnaeus, 1758         | Herring.  |
| ZG35 | <i>Sardina</i> Antipa, 1906            |   |
| ZG36 | <i>pilchardus</i> (Walbaum, 1792)      | Pilchard or Sardine.  |
| ZG37 | <i>Sprattus</i> Girgensohn, 1846       |   |
| ZG38 | <i>sprattus</i> (Linnaeus, 1758)       | Sprat.  |
| ZG39 | Engraulididae                          |   |
| ZG40 | <i>Engraulis</i> Cuvier, 1816          |   |

|       |   |  |
|-------|---|--|
| ZG41  | <i>encrasicolus</i> Linnaeus, 1758        | Anchovy.   |
| ZG42  | <b>SALMONIFORMES</b>                      |  |
| ZG43  | Salmonidae                                |  |
| ZG44  | <i>Coregonus</i> Linnaeus, 1758           |  |
| ZG45  | <i>lavaretus</i> (Linnaeus, 1758)         | Houting. Primarily a freshwater species. The subspecies <i>C. lavaretus oxyrinchus</i> (Linnaeus, 1758) has often been recorded as a distinct species. It used to occur in the southern North Sea but may now be extinct there.                    |
| ZG46  | <i>Oncorhynchus</i> Suckley, 1862         |  |
| ZG47  | <i>gorbuscha</i> (Walbaum, 1792)          | Humpback Salmon. Introduced from the Pacific. Strays are found in northern part of the area.   |
| ZG48  | <i>kisutch</i> (Walbaum, 1792)            | Coho Salmon. Introduced from the Pacific. Now found in Channel area.   |
| ZG49  | <i>Salmo</i> Linnaeus, 1758               |  |
| ZG50  | <i>salar</i> Linnaeus, 1758               | Salmon.  |
| ZG51  | <i>trutta</i> Linnaeus, 1758              | Trout.   |
| ZG52  | Osmeridae                                 |  |
| ZG53  | <i>Osmerus</i> Linnaeus, 1758             |  |
| ZG54  | <i>eperlanus</i> (Linnaeus, 1758)         | Smelt. An inshore species common in some larger estuaries.   |
| ZG55  | Argentinidae                              |  |
| ZG56  | <i>Argentina</i> Linnaeus, 1758           |  |
| ZG57  | <i>silus</i> Ascanius, 1763               | Large Argentine. A deep-water fish.  |
| ZG58  | <i>sphyraena</i> Linnaeus, 1758           | Argentine.   |
| ZG59  | Alepocephalidae                           |  |
| ZG60  | <i>Alepocephalus</i> Risso, 1820          |  |
| ZG61  | <i>bairdii</i> Goode & Bean, 1879         | Baird's Smooth-head. A deep-water species occurring near continental shelf edge, usually below 365m.   |
| ZG62  | <i>rostratus</i> Risso, 1820              | Risso's Smooth-head. Habitat as for <i>A. bairdii</i> .  |
| ZG63  | <i>Xenodermichthys</i> Gunther, 1878      |  |
| ZG64  | <i>copei</i> (Gill, 1884)                 | Bluntnout Smooth-head, Atlantic Gymnast. A mesopelagic species occurring near shelf edge at 100m+. Synonym: <i>X. socialis</i> Vaillant, 1888.   |
| ZG65  | <b>STOMIIFORMES</b>                       |  |
| ZG66  | Sternoptychidae                           |  |
| ZG67  | <i>Argyropelecus</i> Cocco, 1829          |  |
| ZG68  | <i>hemigymnus</i> Cocco, 1829             | Hatchet-fish. Primarily an oceanic mid-water species seldom found above 50-100m. Moderately common near continental shelf edge.  |
| ZG69  | <i>offersi</i> (Cuvier, 1829)             | Hatchet-fish. Habitat as for <i>A. hemigymnus</i> .  |
| ZG70  | <i>Maurolucus</i> Cocco, 1838             |  |
| ZG71  | <i>muelleri</i>                           | Pearlsides or Sheppy Argentine. A small oceanic fish. Often placed in the family Gonostomatidae.   |
| ZG72  | <i>Sternoptyx</i> Hermann, 1781           |  |
| ZG73  | <i>diaphana</i> Hermann, 1781             | Transparent Hatchet-fish. An oceanic mesopelagic species; usually occurs below 300m. Moderately common over continental shelf edge.  |
| ZG74  | <b>AULOPIIFORMES</b>                      |  |
| ZG75  | Alepisauridae                             |  |
| ZG76  | <i>Alepisaurus</i> Lowe, 1833             |  |
| ZG77  | <i>ferox</i> Lowe, 1833                   | Longnose Lancetfish. Very rare in area. Single specimen stranded in Donegal, north-west Ireland, another caught 50 miles south-west of St. Kilda in 370m. Deepwater pelagic species.   |
| ZG78  | Paralepididae                             |  |
| ZG79  | <i>Paralepis</i> Cuvier, 1817             |  |
| ZG80  | <i>coregonoides</i> Risso, 1820           | Barracudina. A single specimen of the area subspecies ( <i>P. coregonoides borealis</i> ) was taken off Ayr, Scotland in 1987 (P. Tombleson, British Rod-caught Fish Committee). A meso- to bathypelagic species in deep water off western coasts. |
| ZG81  | <b>GOBIESOCIFORMES</b>                    |  |
| ZG82  | Gobiesocidae                              |  |
| ZG83  | <i>Apletodon</i> Briggs, 1955             |  |
| ZG84  | <i>dentatus</i> (Facciola, 1887)          | Small-headed Clingfish. Synonym: <i>A. microcephalus</i> Brook, 1890.  |
| ZG85  | <i>Diplecogaster</i> Fraser-Brunner, 1938 |  |
| ZG86  | <i>bimaculata</i> (Bonnaterre, 1788)      | Two-spotted Clingfish. <i>D. bimaculata bimaculata</i> is the area subspecies.   |
| ZG87  | <i>Lepadogaster</i> Gouan, 1770           |  |
| ZG88  | <i>candollei</i> Risso, 1810              | Connemara Clingfish. Moderately rare on N. European coasts.  |
| ZG89  | <i>lepadogaster</i> (Bonnaterre, 1788)    | Shore Clingfish, Cornish Sucker. <i>L. lepadogaster purpurea</i> is the area subspecies.   |
| ZG90  | <b>LOPHIIFORMES</b>                       |  |
| ZG91  | Lophiidae                                 |  |
| ZG92  | <i>Lophius</i> Linnaeus, 1758             |  |
| ZG93  | <i>budegassa</i> Spinola, 1807            | Black-bellied Angler.  |
| ZG94  | <i>piscatorius</i> Linnaeus, 1758         | Angler.  |
| ZG95  | Ceratiidae                                |  |
| ZG96  | <i>Ceratias</i> Kröyer, 1845              |  |
| ZG97  | <i>holboelli</i> Kröyer, 1845             | Deep-sea Angler. An oceanic mesopelagic species.   |
| ZG98  | Himantolophidae                           |  |
| ZG99  | <i>Himantolophus</i> Reinhardt, 1837      |  |
| ZG100 | <i>groenlandicus</i> Reinhardt, 1837      | Atlantic Football-fish. An oceanic species, uncommon, adults usually at 100-300m.  |
| ZG101 | Antennariidae                             |  |
| ZG102 | <i>Antennarius</i> Daudin, 1816           |  |
| ZG103 | <i>radius</i> Garman, 1896                | Big-eye Frogfish. One prejuvenile was collected off the west coast of Ireland. A western Atlantic species.   |
| ZG104 | <b>GADIFORMES</b>                         |  |

|       |                        |                             |   |
|-------|------------------------|-----------------------------|---|
| ZG105 | Gadidae                |                             |   |
| ZG106 | <i>Antonogadus</i>     | Wheeler, 1969               |   |
| ZG107 | <i>macrophthalmus</i>  | (Gunther, 1867)             | Big-eyed Rockling. Usually found well offshore in deep water, 150m+.  |
| ZG108 | <i>Brosme</i>          | Oken, 1817                  |   |
| ZG109 | <i>brosme</i>          | (Ascanius, 1772)            | Torsk.  |
| ZG110 | <i>Ciliata</i>         | Couch, 1932                 |   |
| ZG111 | <i>mustela</i>         | (Linnaeus, 1758)            | Five-bearded Rockling.  |
| ZG112 | <i>septentrionalis</i> | (Collett, 1875)             | Northern Rockling.  |
| ZG113 | <i>Gadiculus</i>       | Guichenot, 1850             |   |
| ZG114 | <i>argenteus</i>       | Guichenot, 1850             | Silvery Pout.   |
| ZG115 | <i>Gadus</i>           | Linnaeus, 1758              |   |
| ZG116 | <i>morhua</i>          | Linnaeus, 1758              | Cod.  |
| ZG117 | <i>Gaidropsarus</i>    | Rafinesque-Schmaltz, 1810   |   |
| ZG118 | <i>mediterraneus</i>   | (Linnaeus, 1758)            | Shore Rockling.   |
| ZG119 | <i>vulgaris</i>        | (Cloquet, 1824)             | Three-bearded Rockling.   |
| ZG120 | <i>Melanogrammus</i>   | Gill, 1863                  |   |
| ZG121 | <i>aeglefinus</i>      | (Linnaeus, 1758)            | Haddock.  |
| ZG122 | <i>Merlangius</i>      | E L Geoffroy, 1767          |   |
| ZG123 | <i>merlangus</i>       | (Linnaeus, 1758)            | Whiting.  |
| ZG124 | <i>Micromesistius</i>  | Gill, 1864                  |   |
| ZG125 | <i>poutassou</i>       | (Risso, 1826)               | Blue Whiting.   |
| ZG126 | <i>Molva</i>           | Lesueur, 1819               |   |
| ZG127 | <i>dypterygia</i>      | (Pennant, 1784)             | Blue Ling. Common off SW Britain.   |
| ZG128 | <i>macrophthalma</i>   | (Rafinesque-Schmaltz, 1810) | Spanish Ling. Deep-water, 350-500m. Sometimes considered a subspecies of <i>M. dypterygia</i> .   |
| ZG129 | <i>molva</i>           | (Linnaeus, 1758)            | Ling.   |
| ZG130 | <i>Onogadus</i>        | Buen, 1934                  |   |
| ZG131 | <i>argentatus</i>      | (Reinhardt, 1837)           | Arctic or Silvery Rockling. In extreme north of area.   |
| ZG132 | <i>Phycis</i>          | Artesi, 1792                |   |
| ZG133 | <i>blennoides</i>      | (Brunnich, 1768)            | Greater Fork-beard.   |
| ZG134 | <i>Pollachius</i>      | Nilsson, 1832               |   |
| ZG135 | <i>pollachius</i>      | (Linnaeus, 1758)            | Pollack.  |
| ZG136 | <i>virens</i>          | (Linnaeus, 1758)            | Saithe or Coalfish.   |
| ZG137 | <i>Raniceps</i>        | Oken, 1817                  |   |
| ZG138 | <i>raninus</i>         | (Linnaeus, 1758)            | Tadpole-fish.   |
| ZG139 | <i>Rhinonemus</i>      | Gill, 1864                  |   |
| ZG140 | <i>cimbrius</i>        | (Linnaeus, 1766)            | Four-bearded Rockling. Usually placed in the genus <i>Enchelyopus</i> Schneider, 1801 which is preoccupied by <i>Enchelyopus</i> Gronovius, 1760, thus the next available generic name is used. |
| ZG141 | <i>Trisopterus</i>     | Rafinesque-Schmaltz, 1814   |   |
| ZG142 | <i>esmarkii</i>        | (Nilsson, 1855)             | Norway Pout.  |
| ZG143 | <i>luscus</i>          | (Linnaeus, 1758)            | Bib.  |
| ZG144 | <i>minutus</i>         | (Linnaeus, 1758)            | Poor Cod.   |
| ZG145 | <i>Urophycis</i>       | Gill, 1864                  |   |
| ZG146 | <i>chuss</i>           | (Walbaum, 1792)             | Squirrel Hake. Strays from western Atlantic have been taken off Ireland.  |
| ZG147 | Merlucciidae           |                             |   |
| ZG148 | <i>Merluccius</i>      | Rafinesque-Schmaltz, 1814   |   |
| ZG149 | <i>merluccius</i>      | (Linnaeus, 1758)            | Hake.   |
| ZG150 | Moridae                |                             |   |
| ZG151 | <i>Lepidion</i>        | Swainson, 1838              |   |
| ZG152 | <i>eques</i>           | (Gunther, 1887)             | Deep-water benthopelagic species. On shelf edge at west of area at depths greater than 125m.  |
| ZG153 | Macrouridae            |                             |   |
| ZG154 | <i>Coelorhynchus</i>   | Giorna, 1809                |   |
| ZG155 | <i>coelorhynchus</i>   | (Risso, 1810)               | Hollowsnout Rat-tail. Fairly deep water, 140-700m.  |
| ZG156 | <i>Coryphaenoides</i>  | Gunnerus, 1765              |   |
| ZG157 | <i>rupestris</i>       | Gunnerus, 1765              | Roundhead Rat-tail. Usually in deep water, 400-1200m.   |
| ZG158 | <i>Malacocephalus</i>  | Gunther, 1862               |   |
| ZG159 | <i>laevis</i>          | (Lowe, 1843)                | Softhead Rat-tail. Deep water, 200-1000m.   |
| ZG160 | <i>Macrourus</i>       | Bloch, 1786                 |   |
| ZG161 | <i>berglax</i>         | Lacepede, 1801              | Rough Rat-tail. Occurs in extreme north of area. Deep water, 200-600m.  |
| ZG162 | <i>Nematonurus</i>     | Gunther, 1887               |   |
| ZG163 | <i>armatus</i>         | (Hector, 1875)              | Armoured Rat-tail. Usually found at below 280m.   |
| ZG164 | <i>Nezumia</i>         | Jordan, 1904                |   |
| ZG165 | <i>aequalis</i>        | (Gunther, 1878)             | Smooth Rat-tail. Deep water, 200-2300m.   |
| ZG166 | <i>Trachyrhynchus</i>  | Giorna, 1809                |   |
| ZG167 | <i>trachyrhynchus</i>  | (Risso, 1810)               | Roughsnout Rat-tail. A common deep-water species off western edge of shelf from Ireland southwards. Usually at 550m+.   |
| ZG168 | OPHIDIIFORMES          |                             |   |
| ZG169 | Ophidiidae             |                             |   |
| ZG170 | <i>Ophidion</i>        | Linnaeus, 1758              |   |
| ZG171 | <i>barbatum</i>        | Linnaeus, 1758              | Snake Blenny. Record Based on a single specimen reputedly from Cornwall.  |
| ZG172 | Carapidae              |                             |   |
| ZG173 | <i>Echiodon</i>        | Thompson, 1837              |   |
| ZG174 | <i>drummondii</i>      | Thompson, 1837              | Pearlfish.  |
| ZG175 | BELONIFORMES           |                             |   |
| ZG176 | Exocoetidae            |                             |   |
| ZG177 | <i>Cheilopogon</i>     | Lowe, 1840                  |   |
| ZG178 | <i>heterurus</i>       | Rafinesque-Schmaltz, 1810   | Atlantic Flying-fish.   |
| ZG179 | <i>Exocoetus</i>       | Linnaeus, 1758              |   |
| ZG180 | <i>volitans</i>        | Linnaeus, 1758              | Tropical Two-wing Flying-fish. A single specimen of this normally tropical and subtropical oceanic species, caught off the Eddystone lighthouse, Plymouth, was reported by R.S. Clark in 1913.  |
| ZG181 | <i>Hirundichthys</i>   | Breder, 1928                |   |

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| ZG182 | <i>speculiger</i> (Valenciennes, 1846)       | Mirroring Flying-fish. One specimen recorded off the Netherlands.   |
| ZG183 | Belonidae                                    |   |
| ZG184 | <i>Belone</i> Cuvier, 1817                   |   |
| ZG185 | <i>belone</i> (Linnaeus, 1761)               | Garfish.  |
| ZG186 | <i>svetovidovi</i> Collette & Parin, 1970    | Short-beaked Garfish. A Lusitanian species recently reported off Ireland.   |
| ZG187 | Scomberesocidae                              |   |
| ZG188 | <i>Scomberesox</i> Lacepede, 1803            |   |
| ZG189 | <i>saurus</i> (Walbaum, 1792)                | Skipper.  |
| ZG190 | <b>ATHERINIFORMES</b>                        |   |
| ZG191 | Atherinidae                                  |   |
| ZG192 | <i>Atherina</i> Linnaeus, 1758               |   |
| ZG193 | <i>boyeri</i> Risso, 1810                    | Big-eyed Sand-Smelt.  |
| ZG194 | <i>presbyter</i> Cuvier, 1829                | Sand-smelt.   |
| ZG195 | <b>BERYCIFORMES</b>                          |   |
| ZG196 | Berycidae                                    |   |
| ZG197 | <i>Beryx</i> Cuvier, 1829                    |   |
| ZG198 | <i>decadactylus</i> Cuvier, 1829             | Beryx. Usually deep-water, 200-550m.  |
| ZG199 | <i>splendens</i> Lowe, 1834                  | Lowe's Beryx. Generally in deep water, 100-400m. Primarily southern.  |
| ZG200 | Diretmidae                                   |   |
| ZG201 | <i>Diretmus</i> Johnson, 1863                |   |
| ZG202 | <i>argenteus</i> Johnson, 1863               |   |
| ZG203 | Trachichthyidae                              |   |
| ZG204 | <i>Hoplostethus</i> Cuvier, 1829             |   |
| ZG205 | <i>mediterraneus</i> Cuvier, 1829            | Rough-fish. Found on western coasts in deep water, 200-500m.  |
| ZG206 | <b>ZEIFORMES</b>                             |   |
| ZG207 | Zeidae                                       |   |
| ZG208 | <i>Zeus</i> Linnaeus, 1758                   |   |
| ZG209 | <i>faber</i> Linnaeus, 1758                  | John Dory.  |
| ZG210 | Caproidae                                    |   |
| ZG211 | <i>Capros</i> Lacepede, 1802                 |   |
| ZG212 | <i>aper</i> (Linnaeus, 1758)                 | Boar-fish.  |
| ZG213 | <b>LAMPRIDIFORMES</b>                        |   |
| ZG214 | Lamprididae                                  |   |
| ZG215 | <i>Lampris</i> Retzius, 1799                 |   |
| ZG216 | <i>guttatus</i> (Brunnich, 1788)             | Opah. An open ocean fish found in middle depths down to 360m.   |
| ZG217 | Regalecidae                                  |   |
| ZG218 | <i>Regalecus</i> Ascanius, 1772              |   |
| ZG219 | <i>glesne</i> Ascanius, 1772                 | Ribbon-fish or Oar-fish. Mesopelagic, primarily found at 300-600m depth.  |
| ZG220 | Trachipteridae                               |   |
| ZG221 | <i>Trachipterus</i> Gouan, 1770              |   |
| ZG222 | <i>arcticus</i> (Brunnich, 1771)             | Deal-fish. Mesopelagic, 180-900m.   |
| ZG223 | <b>GASTEROSTEIFORMES</b>                     |   |
| ZG224 | Gasterosteidae                               |   |
| ZG225 | <i>Gasterosteus</i> Linnaeus, 1758           |   |
| ZG226 | <i>aculeatus</i> Linnaeus, 1758              | Three-spined Stickleback.   |
| ZG227 | <i>Pungitius</i> Coste, 1848                 |   |
| ZG228 | <i>pungitius</i> (Linnaeus, 1758)            | Nine-spined Stickleback. Occasionally found in estuaries in the north of its range.   |
| ZG229 | <i>Spinachia</i> Cuvier, 1817                |   |
| ZG230 | <i>spinachia</i> (Linnaeus, 1758)            | Fifteen-spined Stickleback.   |
| ZG231 | <b>SYNGNATHIFORMES</b>                       |   |
| ZG232 | Macroramphosidae                             |   |
| ZG233 | <i>Macroramphosus</i> Lacepede, 1803         |   |
| ZG234 | <i>scolopax</i> (Linnaeus, 1758)             | Snipe-fish.   |
| ZG235 | Syngnathidae                                 |   |
| ZG236 | <i>Entelurus</i> Dumeril, 1870               |   |
| ZG237 | <i>aequoreus</i> (Linnaeus, 1758)            | Snake Pipefish.   |
| ZG238 | <i>Hippocampus</i> Rafinesque-Schmaltz, 1810 |   |
| ZG239 | <i>hippocampus</i> (Linnaeus, 1758)          | Short-snouted Seahorse. Occurs very rarely in extreme south of area.  |
| ZG240 | <i>ramulosus</i> Leach, 1814                 | Seahorse.   |
| ZG241 | <i>Nerophis</i> Rafinesque-Schmaltz, 1810    |   |
| ZG242 | <i>lumbriciformis</i> (Jenyns, 1835)         | Worm Pipefish.  |
| ZG243 | <i>ophidion</i> (Linnaeus, 1758)             | Straight-nosed Pipefish.  |
| ZG244 | <i>Syngnathus</i> Linnaeus, 1758             |   |
| ZG245 | <i>acus</i> Linnaeus, 1758                   | Greater Pipefish.   |
| ZG246 | <i>rostellatus</i> Nilsson, 1855             | Nilsson's Pipefish.   |
| ZG247 | <i>typhle</i> Linnaeus, 1758                 | Deep-snouted Pipefish.  |
| ZG248 | <b>SCORPAENIFORMES</b>                       |   |
| ZG249 | Scorpaenidae                                 |   |
| ZG250 | <i>Helicolenus</i> Goode & Bean, 1896        |   |
| ZG251 | <i>dactylopterus</i> (Delaroche, 1809)       | Blue-mouth. Widely distributed on the lower continental shelf.  |
| ZG252 | <i>Scorpaena</i> Linnaeus, 1758              |   |
| ZG253 | <i>porcus</i> Linnaeus, 1758                 | Small-scaled Scorpion-fish. Reaches extreme north of range in southwest of area. Uncommon.  |
| ZG254 | <i>scrofa</i> Linnaeus, 1758                 | Scorpion-fish. Rare vagrant in the English Channel and Celtic Sea.  |
| ZG255 | <i>Sebastes</i> Cuvier, 1829                 |   |
| ZG256 | <i>marinus</i> (Linnaeus, 1758)              | Redfish. Occurs in north of area only.  |
| ZG257 | <i>viviparus</i> Kröyer, 1845                | Norway Haddock.   |
| ZG258 | <i>Trachyscorpia</i> Ginsburg, 1953          |   |
| ZG259 | <i>crutulata</i> (Goode & Bean, 1896)        | The eastern Atlantic subspecies, <i>T. crutulata echinata</i> (Koehler, 1896) has been considered a separate species by some authors. |

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| ZG260 | Triglidae                 |                             |   |
| ZG261 | <i>Aspitrigla</i>         | Fowler, 1925                |   |
| ZG262 | <i>cuculus</i>            | (Linnaeus, 1758)            | Red Gurnard.  |
| ZG263 | <i>obscura</i>            | (Linnaeus, 1764)            | Long-finned Gurnard. Extremely rare in British waters.  |
| ZG264 | <i>Eutrigla</i>           | Fraser-Brunner, 1938        |   |
| ZG265 | <i>gurnardus</i>          | (Linnaeus, 1758)            | Grey Gurnard.   |
| ZG266 | <i>Peristedion</i>        | Lacepede, 1801              |   |
| ZG267 | <i>cataphractum</i>       | (Linnaeus, 1758)            | Armed Gurnard. A southern species, rarely recorded in extreme south of area.  |
| ZG268 | <i>Trigla</i>             | Linnaeus, 1758              |   |
| ZG269 | <i>lucerna</i>            | Linnaeus, 1758              | Tub Gurnard.  |
| ZG270 | <i>lyra</i>               | Linnaeus, 1758              | Piper. Deep-water species, 300-700m.  |
| ZG271 | <i>Trigloporus</i>        | J L B Smith, 1934           |   |
| ZG272 | <i>lastoviza</i>          | (Brunnich, 1768)            | Streaked Gurnard. Uncommon except in SW Britain.  |
| ZG273 | Cottidae                  |                             |   |
| ZG274 | <i>Arctiellus</i>         | Jordan, 1887                |   |
| ZG275 | <i>atlanticus</i>         | Jordan & Evermann, 1898     | Atlantic Hook-ear Sculpin. The European subspecies, <i>A. atlanticus europaeus</i> Knipowitch, 1907, has been recorded as a separate species distinct from the American form.   |
| ZG276 | <i>Icelus</i>             | Kröyer, 1845                |   |
| ZG277 | <i>bicornis</i>           | (Reinhardt, 1840)           | Two-horn Sculpin. May occur in extreme NE of area.  |
| ZG278 | <i>Micrenophrys</i>       | Andriashev, 1954            |   |
| ZG279 | <i>lilljeborgi</i>        | (Collett, 1875)             | Norway Bullhead. Previously placed in genus <i>Taurulus</i> Gratzianov, 1907.   |
| ZG280 | <i>Myoxocephalus</i>      | Tilesius, 1811              |   |
| ZG281 | <i>scorpius</i>           | (Linnaeus, 1758)            | Bull Rout.  |
| ZG282 | <i>Taurulus</i>           | Gratzianov, 1907            |   |
| ZG283 | <i>bubalis</i>            | (Euphrasen, 1786)           | Sea Scorpion.   |
| ZG284 | <i>Triglops</i>           | Reinhardt, 1831             |   |
| ZG285 | <i>murrayi</i>            | Gunther, 1888               | Moustache Sculpin. North of area only.  |
| ZG286 | Psychrolutidae            |                             |   |
| ZG287 | <i>Cottunculus</i>        | Collett, 1875               |   |
| ZG288 | <i>microps</i>            | Collett, 1875               | Polar Sculpin. Primarily North Sea and English Channel at depths greater than 170m.   |
| ZG289 | Agonidae                  |                             |   |
| ZG290 | <i>Agonus</i>             | Bloch & Schneider, 1801     |   |
| ZG291 | <i>cataphractus</i>       | (Linnaeus, 1758)            | Hook-nose or Pogge.   |
| ZG292 | Cyclopteridae             |                             |   |
| ZG293 | <i>Cyclopterus</i>        | Linnaeus, 1758              |   |
| ZG294 | <i>lumpus</i>             | Linnaeus, 1758              | Lumpsucker.   |
| ZG295 | <i>Liparis</i>            | Scolopi, 1777               | Sometimes placed in separate family Liparididae.  |
| ZG296 | <i>liparis</i>            | (Linnaeus, 1766)            | Sea Snail.  |
| ZG297 | <i>montagui</i>           | (Donovan, 1804)             | Montagu's Sea-snail.  |
| ZG298 | <b>DACTYLOPTERIFORMES</b> |                             |   |
| ZG299 | Dactylopteridae           |                             |   |
| ZG300 | <i>Dactylopterus</i>      | Lacepede, 1801              |   |
| ZG301 | <i>volitans</i>           | (Linnaeus, 1758)            | Flying Gurnard. A single record from mid-Channel. A warm-water species which may very rarely stray into extreme south of area.  |
| ZG302 | <b>PERCIFORMES</b>        |                             |   |
| ZG303 | Serranidae                |                             |   |
| ZG304 | <i>Callanthias</i>        | Lowe, 1839                  |   |
| ZG305 | <i>ruber</i>              | (Rafinesque-Schmaltz, 1810) | Parrot Sea-perch. A Lusitanian species, occasional in the English Channel.  |
| ZG306 | <i>Epinephelus</i>        | Bloch, 1793                 |   |
| ZG307 | <i>marginatus</i>         | (Lowe, 1834)                | Dusky Perch. A Lusitanian species recorded rarely in south of area. Previously recorded as <i>Epinephelus guaza</i> (Linnaeus, 1758) which recent research has shown to be an invalid name. Synonyms: <i>E. guaza</i> Linnaeus, 1758; <i>E. gigas</i> Brännich. |
| ZG308 | <i>Serranus</i>           | Cuvier, 1817                |   |
| ZG309 | <i>cabrilla</i>           | (Linnaeus, 1758)            | Comber. Generally found only in south of area.  |
| ZG310 | Percichthyidae            |                             |   |
| ZG311 | <i>Dicentrarchus</i>      | Gill, 1860                  |   |
| ZG312 | <i>labrax</i>             | (Linnaeus, 1758)            | Bass.   |
| ZG313 | <i>punctatus</i>          | (Bloch, 1792)               | Spotted Sea-bass. A southern species, rare in English Channel.  |
| ZG314 | <i>Polyprion</i>          | Oken, 1817                  |   |
| ZG315 | <i>americanus</i>         | (Bloch & Schneider, 1801)   | Wreckfish or stone bass. A scarce oceanic species. Synonym: <i>P. cernium</i> Day.  |
| ZG316 | Apogonidae                |                             |   |
| ZG317 | <i>Epigonus</i>           | Rafinesque-Schmaltz, 1810   |   |
| ZG318 | <i>telescopus</i>         | (Risso, 1810)               | Bulls-eye. A mesopelagic species found in deep water, 180-900m.   |
| ZG319 | Pomatomidae               |                             |   |
| ZG320 | <i>Pomatomus</i>          | Lacepede, 1802              |   |
| ZG321 | <i>saltatrix</i>          | (Linnaeus, 1766)            | Bluefish. A single specimen of this normally tropical and subtropical pelagic species was caught off Ballycotton, Co. Cork in July 1973 (Identified by A. Wheeler).   |
| ZG322 | Echeneididae              |                             |   |
| ZG323 | <i>Phtheichthys</i>       | Gill, 1862                  |   |
| ZG324 | <i>lineatus</i>           | (Menzies, 1791)             | Lousefish. Extremely rare. One record from English Channel.   |
| ZG325 | <i>Remora</i>             | Gill, 1863                  |   |
| ZG326 | <i>remora</i>             | (Linnaeus, 1758)            | Remora. Rare, usually taken attached to Blue Shark ( <i>Prionace glauca</i> ).  |
| ZG327 | Carangidae                |                             |   |
| ZG328 | <i>Campogramma</i>        | Regan, 1903                 |   |
| ZG329 | <i>glaycos</i>            | (Lacepede, 1801)            | Vadigo. Rare vagrant in south of area.  |
| ZG330 | <i>Naucrates</i>          | Rafinesque-Schmaltz, 1810   |   |
| ZG331 | <i>ductor</i>             | (Linnaeus, 1758)            | Pilot-fish. Primarily recorded in south-west. Rare.   |

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| ZG332 | <i>Seriola</i> Cuvier, 1817                |  |
| ZG333 | <i>dumerili</i> (Risso, 1810)              | Amberjack. Rare vagrant in south-west.   |
| ZG334 | <i>rivoliana</i> Cuvier, 1833              | Almaco Jack. A single specimen of this species, which is elsewhere known reliably from Portugal, the Azores and Madeira was caught off Torquay, Devon in August 1984 (identified by A. Wheeler). |
| ZG335 | <i>Trachinotus</i> Lacepede, 1801          |  |
| ZG336 | <i>ovatus</i> (Linnaeus, 1758)             | Derbio. Uncommon.  |
| ZG337 | <i>Trachurus</i> Rafinesque-Schmaltz, 1810 |  |
| ZG338 | <i>trachurus</i> (Linnaeus, 1758)          | Scad or Horse Mackerel.  |
| ZG339 | Bramidae                                   |  |
| ZG340 | <i>Brama</i> Bloch & Schneider, 1801       |  |
| ZG341 | <i>brama</i> (Bonnaterre, 1788)            | Ray's Bream.   |
| ZG342 | <i>Pterycombus</i> Fries, 1837             |  |
| ZG343 | <i>brama</i> Fries, 1837                   | Silver Pomfret. Open ocean species. Uncommon.  |
| ZG344 | <i>Taractes</i> Lowe, 1843                 |  |
| ZG345 | <i>asper</i> Lowe, 1843                    | Rough Pomfret.   |
| ZG346 | <i>Taractichthys</i> Mead & Maul, 1958     |  |
| ZG347 | <i>longipinnis</i> (Lowe, 1843)            | Long-finned Bream.   |
| ZG348 | Sparidae                                   |  |
| ZG349 | <i>Boops</i> Cuvier, 1814                  |  |
| ZG350 | <i>boops</i> (Linnaeus, 1758)              | Bogue. Rare vagrant in N. European waters.   |
| ZG351 | <i>Dentex</i> Cuvier, 1814                 |  |
| ZG352 | <i>dentex</i> (Linnaeus, 1758)             | Dentex. A Lusitanian species. Rare vagrant primarily to SW of area.  |
| ZG353 | <i>maroccanus</i> Valenciennes, 1830       | Morocco Dentex. A warm-water species recorded once from Danish waters, but not otherwise reported in area.   |
| ZG354 | <i>Pagellus</i> Valenciennes, 1830         |  |
| ZG355 | <i>acarne</i> (Risso, 1826)                | Spanish Sea-bream.   |
| ZG356 | <i>bogaraveo</i> (Brunnich, 1768)          | Red Sea-bream.   |
| ZG357 | <i>erythrinus</i> (Linnaeus, 1758)         | Pandora. Rare vagrant.   |
| ZG358 | <i>Sarpa</i> Bonaparte, 1831               |  |
| ZG359 | <i>salpa</i> (Linnaeus, 1758)              | Saupe. Extremely rare in northern European waters.   |
| ZG360 | <i>Sparus</i>                              |  |
| ZG361 | <i>aurata</i> Linnaeus, 1758               | Gilthead. Rare in northern waters.   |
| ZG362 | <i>pagrus</i> Linnaeus, 1758               | Couch's Sea-bream. Rare in N European waters.  |
| ZG363 | <i>Spondylisoma</i> Cantor, 1849           |  |
| ZG364 | <i>cantharus</i> (Linnaeus, 1758)          | Black Sea-bream. Common in south and west of Britain.  |
| ZG365 | Sciaenidae                                 |  |
| ZG366 | <i>Argyrosomus</i> de la Pylaie, 1835      |  |
| ZG367 | <i>regius</i> (Asso, 1801)                 | Meagre. A rare vagrant in northern waters.   |
| ZG368 | <i>Sciaena</i> Linnaeus, 1758              |  |
| ZG369 | <i>umbra</i> Linnaeus, 1758                | Brown Meagre. A Lusitanian species. Occasionally found as far north as the English Channel.  |
| ZG370 | <i>Umbrina</i> Cuvier, 1817                |  |
| ZG371 | <i>cirrosa</i> (Linnaeus, 1758)            | Shi Drum. A Lusitanian species. May stray into extreme south of area.  |
| ZG372 | Mullidae                                   |  |
| ZG373 | <i>Mullus</i> Linnaeus, 1758               |  |
| ZG374 | <i>surmuletus</i> Linnaeus, 1758           | Red Mullet.  |
| ZG375 | Cepolidae                                  |  |
| ZG376 | <i>Cepola</i> Linnaeus, 1758               |  |
| ZG377 | <i>rubescens</i> Linnaeus, 1766            | Red Band-fish. Moderately common in south and west British seas.   |
| ZG378 | Mugilidae                                  |  |
| ZG379 | <i>Chelon</i> Rose, 1793                   |  |
| ZG380 | <i>labrosus</i> (Risso, 1826)              | Thick-lipped Mullet.   |
| ZG381 | <i>Liza</i> Jordan & Swain, 1884           |  |
| ZG382 | <i>aurata</i> (Risso, 1810)                | Golden Mullet.   |
| ZG383 | <i>ramada</i> (Risso, 1826)                | Thin-lipped grey mullet.   |
| ZG384 | <i>Mugil</i> Linnaeus, 1758                |  |
| ZG385 | <i>cephalus</i> Linnaeus, 1758             | Flathead Grey Mullet. Known in the area from a single specimen from the Camel estuary, Cornwall (Reay, 1992).  |
| ZG386 | Labridae                                   |  |
| ZG387 | <i>Acantholabrus</i> Valenciennes, 1839    |  |
| ZG388 | <i>palloni</i> (Risso, 1810)               | Scale-rayed Wrasse. Fairly deep-water. Rare.   |
| ZG389 | <i>Centrolabrus</i> Gunther, 1861          |  |
| ZG390 | <i>exoletus</i> (Linnaeus, 1758)           | Rock Cook.   |
| ZG391 | <i>Coris</i> Lacepede, 1801                |  |
| ZG392 | <i>julis</i> (Linnaeus, 1758)              | Rainbow Wrasse. Extremely rare north of Biscay.  |
| ZG393 | <i>Crenilabrus</i> Oken, 1817              | Considered a subgenus of <i>Symphodus</i> Rafinesque-Schmaltz, 1810 by some authors.   |
| ZG394 | <i>bailloni</i> Valenciennes, 1839         | Baillon's Wrasse. Southern.  |
| ZG395 | <i>melops</i> (Linnaeus, 1758)             | Corkwing.  |
| ZG396 | <i>Ctenolabrus</i> Valenciennes, 1839      |  |
| ZG397 | <i>rupestris</i> (Linnaeus, 1758)          | Goldsinny.   |
| ZG398 | <i>Labrus</i> Linnaeus, 1758               |  |
| ZG399 | <i>bergylta</i> Ascanius, 1767             | Ballan Wrasse.   |
| ZG400 | <i>mixtus</i> Linnaeus, 1758               | Cuckoo Wrasse. Synonym: <i>L. bimaculatus</i> (Linnaeus, 1758).  |
| ZG401 | Trachinidae                                |  |
| ZG402 | <i>Trachinus</i> Linnaeus, 1758            |  |
| ZG403 | <i>draco</i> Linnaeus, 1758                | Greater Weever.  |
| ZG404 | <i>Echichthys</i> Bleeker, 1861            |  |
| ZG405 | <i>vipera</i> Cuvier, 1829                 | Lesser Weever.   |
| ZG406 | Blenniidae                                 |  |
| ZG407 | <i>Blennius</i> Linnaeus, 1758             |  |
| ZG408 | <i>ocellaris</i> Linnaeus, 1758            | Butterfly Blenny. Common only in Channel and southwards.   |
| ZG409 | <i>Coryphoblennius</i> Norman, 1943        |  |
| ZG410 | <i>galerita</i> (Linnaeus, 1758)           | Montagu's Blenny.  |
| ZG411 | <i>Lipophrys</i> Gill, 1896                |  |

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|-------|--|---|
| ZG412 | <i>pholis</i> (Linnaeus, 1758)             | Shanny.   |
| ZG413 | <i>Parablennius</i> Ribeiro, 1915          |   |
| ZG414 | <i>gattorugine</i> (Linnaeus, 1758)        | Tompot Blenny.  |
| ZG415 | Anarhichadidae                             |   |
| ZG416 | <i>Anarhichas</i> Linnaeus, 1758           |   |
| ZG417 | <i>denticulatus</i> (Kröyer, 1845)         | Jelly Cat. An Arctic species rarely recorded in the north of the area.  |
| ZG418 | <i>lupus</i> Linnaeus, 1758                | Catfish, Wolf Fish.   |
| ZG419 | <i>minor</i> Olafsen, 1772                 | Spotted Catfish. An Arctic species uncommon in north of area.   |
| ZG420 | Tripterygiidae                             |   |
| ZG421 | <i>Tripterygion</i> Risso, 1826            |   |
| ZG422 | <i>delaisi</i> Cadenat & Blache, 1971      | Black-face Blenny. <i>T. atlanticus</i> Wheeler & Dunne, 1975 (described from the area) is considered to be a synonym. In the area known only from Brittany and the south coast of England. Occurs southwards to the Mediterranean. |
| ZG423 | Stichaeidae                                |   |
| ZG424 | <i>Chirolophis</i> Swainson, 1839          |   |
| ZG425 | <i>ascanii</i> (Walbaum, 1792)             | Yarrell's Blenny.   |
| ZG426 | <i>Leptoclinus</i> Gill, 1864              | Sometimes placed in the separate family Lumpenidae (treated here as a subfamily).   |
| ZG427 | <i>maculatus</i> (Fries, 1837)             | Spotted Snake Blenny. Mainly Arctic species found in extreme NE of area only.   |
| ZG428 | <i>Lumpenus</i> Reinhardt, 1837            | Sometimes placed in the separate family Lumpenidae (treated here as a subfamily).   |
| ZG429 | <i>lumpretaeformis</i> (Walbaum, 1792)     | Snake Blenny.   |
| ZG430 | Zoarcidae                                  |   |
| ZG431 | <i>Lycenchelys</i> Gill, 1884              |   |
| ZG432 | <i>sarsii</i> (Collett, 1871)              | Sar's Eelpout. Arctic species, may be found in extreme NE of area.  |
| ZG433 | <i>Lycodes</i> Reinhardt, 1831             |   |
| ZG434 | <i>esmarkii</i> Collett, 1875              | Esmark's Eelpout. Arctic species, occurs in extreme NE of area only.  |
| ZG435 | <i>vahlII</i> Reinhardt, 1831              | Vahl's Eelpout. Predominantly Arctic, may be found in extreme NE of area.   |
| ZG436 | <i>Zoarces</i> Cuvier, 1829                |   |
| ZG437 | <i>viviparus</i> (Linnaeus, 1758)          | Viviparous Blenny.  |
| ZG438 | Pholididae                                 |   |
| ZG439 | <i>Pholis</i> Scopoli, 1777                |   |
| ZG440 | <i>gunnellus</i> (Linnaeus, 1758)          | Butterfish.   |
| ZG441 | Ammodytidae                                |   |
| ZG442 | <i>Ammodytes</i> Linnaeus, 1758            |   |
| ZG443 | <i>marinus</i> Raitt, 1934                 | Raitt's Sand-eel.   |
| ZG444 | <i>tobianus</i> Linnaeus, 1758             | Sand-eel.   |
| ZG445 | <i>Gymnammodytes</i> Duncker & Mohr, 1935  |   |
| ZG446 | <i>semisquamatus</i> (Jourdain, 1879)      | Smooth Sand-eel.  |
| ZG447 | <i>Hyperoplus</i> Gunther, 1862            |   |
| ZG448 | <i>immaculatus</i> (Corbin, 1950)          | Corbin's Sand-eel.  |
| ZG449 | <i>lanceolatus</i> (Le Sauvage, 1824)      | Greater Sand-eel.   |
| ZG450 | Callionymidae                              |   |
| ZG451 | <i>Callionymus</i> Linnaeus, 1758          |   |
| ZG452 | <i>lyra</i> Linnaeus, 1758                 | Common Dragonet.  |
| ZG453 | <i>maculatus</i> Rafinesque-Schmaltz, 1810 | Spotted Dragonet.   |
| ZG454 | <i>reticulatus</i> Valenciennes, 1837      | Reticulated Dragonet.   |
| ZG455 | Gobiidae                                   |   |
| ZG456 | <i>Aphia</i> Risso, 1826                   |   |
| ZG457 | <i>minuta</i> (Risso, 1810)                | Transparent Goby.   |
| ZG458 | <i>Buena</i> Iljin, 1930                   |   |
| ZG459 | <i>jeffreysii</i> (Gunther, 1867)          | Jeffrey's Goby. An offshore species.  |
| ZG460 | <i>Crystalllogobius</i> Gill, 1864         |   |
| ZG461 | <i>linearis</i> (von Duben, 1845)          | Crystal Goby.   |
| ZG462 | <i>Gobius</i> Linnaeus, 1758               |   |
| ZG463 | <i>cobitis</i> Pallas, 1811                | Giant Goby. South western species.  |
| ZG464 | <i>couchi</i> Miller & El-Tawil, 1974      | Couch's Goby. Known from Cornwall, south-west and north-west Ireland.   |
| ZG465 | <i>cruentatus</i> Gmelin, 1789             | Red-mouth Goby. South-west Ireland and Brittany.  |
| ZG466 | <i>gastevani</i> Miller, 1974              | Steven's Goby. Known from western English Channel.  |
| ZG467 | <i>niger</i> Linnaeus, 1758                | Black Goby.   |
| ZG468 | <i>paganellus</i> Linnaeus, 1758           | Rock Goby.  |
| ZG469 | <i>Gobiusculus</i> Duncker, 1928           |   |
| ZG470 | <i>flavescens</i> (Fabricius, 1779)        | Two-spotted Goby.   |
| ZG471 | <i>Lebetus</i> Winther, 1877               |   |
| ZG472 | <i>guilleti</i> (Le Danois, 1913)          | Guillet's Goby.   |
| ZG473 | <i>scorpioides</i> (Collett, 1874)         | Diminutive Goby.  |
| ZG474 | <i>Lesueurigobius</i> Whitley, 1950        |   |
| ZG475 | <i>friesii</i> (Malm, 1874)                | Fries's Goby. A relatively deep water species.  |
| ZG476 | <i>Pomatoschistus</i> Gill, 1864           |   |
| ZG477 | <i>lozanoi</i> (de Buen, 1923)             | Lozano's Goby. Often confused with <i>P. minutus</i> .  |
| ZG478 | <i>microps</i> (Kröyer, 1838)              | Common Goby.  |
| ZG479 | <i>minutus</i> (Pallas, 1770)              | Sand Goby.  |
| ZG480 | <i>norvegicus</i> (Collett, 1903)          | Norway Goby.  |
| ZG481 | <i>pictus</i> (Malm, 1865)                 | Painted Goby.   |
| ZG482 | <i>Thorogobius</i> Miller, 1969            |   |
| ZG483 | <i>ephippiatus</i> (Lowe, 1839)            | Leopard-spotted Goby.   |
| ZG484 | Gempylidae                                 |   |
| ZG485 | <i>Nesiarchus</i> Johnson, 1862            |   |
| ZG486 | <i>nasutus</i> Johnson, 1862               | Johnson's Scabbardfish.   |
| ZG487 | <i>Ruvettus</i> Cocco, 1833                |   |
| ZG488 | <i>pretiosus</i> Cocco, 1833               | Oilfish.  |
| ZG489 | Trichiuridae                               |   |
| ZG490 | <i>Aphanopus</i> Lowe, 1839                |   |

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|-------|---|---|
| ZG491 | <i>carbo</i> Lowe, 1839                         | Black Scabbardfish. A mesopelagic species not uncommon at the edge of the continental shelf.  |
| ZG492 | <i>Benthodesmus</i> Goode & Bean, 1882          |   |
| ZG493 | <i>elongatus</i> (Clarke, 1879)                 | Frostfish. A deep-water species. The Atlantic subspecies <i>B. elongatus simonyi</i> (Steindachner, 1891) has been considered a separate species by many authors.   |
| ZG494 | <i>Lepidopus</i> Gouan, 1770                    |   |
| ZG495 | <i>caudatus</i> (Euphrasen, 1788)               | Scabbardfish. Uncommon in N European waters.  |
| ZG496 | <i>Trichiurus</i> Linnaeus, 1758                |   |
| ZG497 | <i>lepturus</i> Linnaeus, 1758                  | Hairtail. Uncommon in northern seas.  |
| ZG498 | Scombridae                                      |   |
| ZG499 | <i>Auxis</i> Cuvier, 1829                       |   |
| ZG500 | <i>rochei</i> (Risso, 1810)                     | Frigate Mackerel. A warm-water species that is uncommon in British waters.  |
| ZG501 | <i>Euthynnus</i> Lütken, 1882                   |   |
| ZG502 | <i>alletteratus</i> (Rafinesque-Schmaltz, 1810) | Little Tunny. A warm water species rarely recorded in British waters.   |
| ZG503 | <i>Katsuwonus</i> Kishinouye, 1923              |   |
| ZG504 | <i>pelamis</i> (Linnaeus, 1758)                 | Skipjack Tuna. Uncommon vagrant.  |
| ZG505 | <i>Orcynopsis</i> Gill, 1862                    |   |
| ZG506 | <i>unicolor</i> (Geoffroy St Hilaire, 1817)     | Plain Bonito. Extremely rare.   |
| ZG507 | <i>Sarda</i> Cuvier, 1829                       |   |
| ZG508 | <i>sarda</i> (Bloch, 1793)                      | Bonito.   |
| ZG509 | <i>Scomber</i> Linnaeus, 1758                   |   |
| ZG510 | <i>japonicus</i> Houttuyn, 1782                 | Spanish Mackerel. Uncommon in N European waters.  |
| ZG511 | <i>scombrus</i> Linnaeus, 1758                  | Mackerel.   |
| ZG512 | <i>Thunnus</i> South, 1845                      |   |
| ZG513 | <i>alalunga</i> (Bonnaterre, 1788)              | Long-fin Tuna. A warm water species which is an uncommon vagrant, primarily in south-west. Synonym: <i>T. germa</i> .   |
| ZG514 | <i>albacares</i> (Bonnaterre, 1788)             | Yellow-fin Tuna. Very rare vagrant from warm waters. Recorded once from the British Isles.  |
| ZG515 | <i>obesus</i> (Lowe, 1839)                      | Big-eye Tuna. A single specimen of this normally tropical and subtropical pelagic species was caught off Newlyn Harbour, Cornwall in 1985 (P. Tombleson, British Rod-caught Committee).   |
| ZG516 | <i>thynnus</i> (Linnaeus, 1758)                 | Blue-fin Tuna.  |
| ZG517 | Luvaridae                                       |   |
| ZG518 | <i>Luvarus</i> Rafinesque-Schmaltz, 1810        |   |
| ZG519 | <i>imperialis</i> Rafinesque-Schmaltz, 1810     | Luvar. Rare oceanic species.  |
| ZG520 | Istiophoridae                                   |   |
| ZG521 | <i>Istiophorus</i> Lacepede, 1801               |   |
| ZG522 | <i>albicans</i> (Latreille, 1804)               | Saifish. Warm-water species once recorded from British waters.  |
| ZG523 | <i>Tetrapturus</i> Rafinesque-Schmaltz, 1810    |   |
| ZG524 | <i>albidus</i> Poey, 1860                       | White Marlin. Warm-water species which may very rarely stray into extreme south of area.  |
| ZG525 | Xiphiidae                                       |   |
| ZG526 | <i>Xiphias</i> Linnaeus, 1758                   |   |
| ZG527 | <i>gladius</i> Linnaeus, 1758                   | Swordfish. Uncommon vagrant.  |
| ZG528 | Centrolophidae                                  |   |
| ZG529 | <i>Centrolophus</i> Lacepede, 1803              |   |
| ZG530 | <i>niger</i> (Gmelin, 1789)                     | Blackfish.  |
| ZG531 | <i>Hyperoglyphe</i> Gunther, 1859               |   |
| ZG532 | <i>perciiformis</i> (Mitchill, 1818)            | Barrelfish. Rare oceanic species.   |
| ZG533 | <i>Schedophilus</i> Cocco, 1839                 |   |
| ZG534 | <i>medusophagus</i> Cocco, 1839                 | Cornish Blackfish. Rare vagrant.  |
| ZG535 | Nomeidae  |   |
| ZG536 | <i>Cubiceps</i> Lowe, 1843                      |   |
| ZG537 | <i>gracilis</i> Lowe, 1843                      | Longfin Cigarfish. Uncommon in northern waters.   |
| ZG538 | Tetragonuridae                                  |   |
| ZG539 | <i>Tetragonurus</i> Risso, 1810                 |   |
| ZG540 | <i>atlanticus</i> Lowe, 1839                    | Warm-water oceanic species which may stray into the south-west of the area.   |
| ZG541 | <i>cuvieri</i> Risso, 1810                      | Warm-water oceanic species which may stray into south-west of area.   |
| ZG542 | Stromateidae                                    |   |
| ZG543 | <i>Pampus</i> Bonaparte, 1841                   |   |
| ZG544 | <i>argenteus</i> (Euphrasen, 1788)              | Silver Pomfret. This Indo-Pacific warm-water species is known from the Arabian Gulf and India eastwards to Japan. A single specimen was caught in the Farne Deep (at 70-100m) off NE England in 1983 (Davis & Wheeler, 1985). This record and one from the Adriatic are the only Atlantic records. How it came to be in the North Sea has not been explained. |
| ZG545 | <b>PLEURONECTIFORMES</b>                        |   |
| ZG546 | Scophthalmidae                                  |   |
| ZG547 | <i>Lepidorhombus</i> Gunther, 1862              |   |
| ZG548 | <i>boscii</i> (Risso, 1810)                     | Four-spot Megrin. A little studied deep-water species.  |
| ZG549 | <i>whiffiagonis</i> (Walbaum, 1792)             | Megrin. Deep-water species of oceanic coasts of northern Europe.  |
| ZG550 | <i>Phrynorhombus</i> Gunther, 1862              |   |
| ZG551 | <i>norvegicus</i> (Gunther, 1862)               | Norwegian Topknot.  |
| ZG552 | <i>regius</i> (Bonnaterre, 1788)                | Eckstrom's Topknot. Confined to offshore waters of western Britain.   |
| ZG553 | <i>Psetta</i> Swainson, 1839                    |   |
| ZG554 | <i>maxima</i> (Linnaeus, 1758)                  | Turbot. Placed in the genus <i>Scophthalmus</i> by many authors.  |
| ZG555 | <i>Scophthalmus</i> Rafinesque-Schmaltz, 1810   |   |
| ZG556 | <i>rhombus</i> (Linnaeus, 1758)                 | Brill.  |
| ZG557 | <i>Zeugopterus</i> Gottsche, 1835               |   |
| ZG558 | <i>punctatus</i> (Bloch, 1787)                  | Topknot.  |



|       |                          |                                |   |
|-------|--------------------------|--------------------------------|---|
| ZG559 | Bothidae                 |                                |   |
| ZG560 | <i>Arnoglossus</i>       | Bleeker, 1862                  |   |
| ZG561 | <i>imperialis</i>        | (Rafinesque-Schmaltz, 1810)    | Imperial Scaldfish. Moderately common in deep water in western English Channel and off southern Ireland. Scaldfish.                             |
| ZG562 |                          | <i>laterna</i> (Walbaum, 1792) | Thor's Scaldfish. Status little known.  |
| ZG563 |                          | <i>thori</i> Kyle, 1913        |   |
| ZG564 | Pleuronectidae           |                                |   |
| ZG565 | <i>Glyptocephalus</i>    | Gottsche, 1835                 |   |
| ZG566 | <i>cynoglossus</i>       | (Linnaeus, 1758)               | Witch.  |
| ZG567 | <i>Hippoglossoides</i>   | Gottsche, 1835                 |   |
| ZG568 | <i>platessoides</i>      | (Fabricius, 1780)              | Long Rough Dab.   |
| ZG569 | <i>Hippoglossus</i>      | Cuvier, 1817                   |   |
| ZG570 | <i>hippoglossus</i>      | (Linnaeus, 1758)               | Halibut.  |
| ZG571 | <i>Limanda</i>           | Gottsche, 1835                 |   |
| ZG572 | <i>limanda</i>           | (Linnaeus, 1758)               | Dab.  |
| ZG573 | <i>Microstomus</i>       | Gottsche, 1835                 |   |
| ZG574 | <i>kitt</i>              | (Walbaum, 1792)                | Lemon Sole.   |
| ZG575 | <i>Platichthys</i>       | Girard, 1856                   |   |
| ZG576 | <i>flesus</i>            | (Linnaeus, 1758)               | Flounder.   |
| ZG577 | <i>Pleuronectes</i>      | Linnaeus, 1758                 |   |
| ZG578 | <i>platessa</i>          | Linnaeus, 1758                 | Plaice.   |
| ZG579 | <i>Reinhardtius</i>      | Gill, 1852                     |   |
| ZG580 | <i>hippoglossoides</i>   | (Walbaum, 1792)                | Greenland Halibut. Found only in the north of the area.   |
| ZG581 | Soleidae                 |                                |   |
| ZG582 | <i>Bathysolea</i>        | Roule, 1816                    |   |
| ZG583 | <i>profundicola</i>      | (Vaillant, 1888)               | Deepwater Sole. Recorded from deep water (250m+) off SW Ireland.  |
| ZG584 | <i>Buglossidium</i>      | Chabanaud, 1930                |   |
| ZG585 | <i>luteum</i>            | (Risso, 1810)                  | Solenette.  |
| ZG586 | <i>Microchirus</i>       | Bonaparte, 1833                |   |
| ZG587 | <i>azevia</i>            | (Capello, 1867)                | A very rare vagrant in south of area.   |
| ZG588 | <i>variegatus</i>        | (Donovan, 1808)                | Thickback Sole.   |
| ZG589 | <i>Solea</i>             | Quensel, 1806                  |   |
| ZG590 | <i>lascaris</i>          | (Risso, 1810)                  | Sand Sole. Often placed in the genus <i>Pegusa</i> Gunther, 1862.   |
| ZG591 | <i>solea</i>             | (Linnaeus, 1758)               | Sole or Dover Sole. Sometimes given as <i>Solea vulgaris</i> (Quensel, 1806). Wheeler (1988) discusses the nomenclatural problem.               |
| ZG592 | Cynoglossidae            |                                |   |
| ZG593 | <i>Cynoglossus</i>       | Hamilton-Buchanan, 1822        |   |
| ZG594 | <i>browni</i>            | (Chabanaud, 1949)              | Nigerian Tongue Sole. Tropical eastern Atlantic species. Record for area based on three specimens caught off Dutch coast.                       |
| ZG595 | <b>TETRAODONTIFORMES</b> |                                |   |
| ZG596 | Balistidae               |                                |   |
| ZG597 | <i>Balistes</i>          | Linnaeus, 1758                 |   |
| ZG598 | <i>carolinensis</i>      | Gmelin, 1789                   | Grey Trigger-fish. Occurs primarily in SW of area. Synonym: <i>B. capricus</i> .  |
| ZG599 | <i>Canthidermis</i>      | Swainson, 1839                 |   |
| ZG600 | <i>maculatus</i>         | (Bloch, 1786)                  | Rough Trigger-fish. Recorded once off Cornwall. Generally restricted to tropical or subtropical seas.   |
| ZG601 | Tetraodontidae           |                                |   |
| ZG602 | <i>Lagocephalus</i>      | Swainson, 1839                 |   |
| ZG603 | <i>lagocephalus</i>      | (Linnaeus, 1758)               | Puffer-fish. Warm water species. Rare vagrant usually reported from south and southwest of area.  |
| ZG604 | Molidae                  |                                |   |
| ZG605 | <i>Mola</i>              | Koelreuter, 1770               |   |
| ZG606 | <i>mola</i>              | (Linnaeus, 1758)               | Sun-fish. An oceanic species.   |
| ZG607 | <i>Ranzania</i>          | Nardo, 1848                    |   |
| ZG608 | <i>laevis</i>            | (Pennant, 1776)                | Slender Sun-fish. A little studied oceanic species. Rare summer visitor to northern European waters. Synonym: <i>R. truncata</i> Retzius, 1785. |

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# REPTILIA

compiled by

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## REPTILIA

## INTRODUCTION

Although British terrestrial reptiles are occasionally seen in seawater (there are, for example, reports of adders, *Vipera berus* (L.) being sighted in some Scottish sea lochs), all of the aquatic reptiles reported from the seas around the British Isles are sea turtles of the order Testudines. The taxonomy of sea turtles has been relatively stable for many years and Pritchard (1979) is followed here except in the case of the leatherback turtle where there has been a recent change in the accepted authority for the specific name (see Bour & Dubois, 1983 for discussion). Records of turtle sightings and identifications in British waters were summarized by Brongersma (1972); Penhallurick (1990) has recently reported on all records for Devon, Cornwall and the Scillies, while King (1984) has summarized recent records for leatherback turtles from around Ireland.

The five species of sea turtles reported from British waters fall into two categories. Firstly, there are juvenile and subadult members of the family Cheloniidae (overwhelmingly loggerheads and Kemp's ridleys, though a handful of green turtles and hawksbills have been reported) which are essentially stray animals, usually reaching U.K. waters after prolonged southwesterly gales, and which are unlikely to regain their normal habitats as they are usually in poor condition and often cold-stunned. These may arrive in U.K. waters at almost any time of the year; if stranded alive they often recover if kept warm (>25°C). At one time it was believed that they all crossed the Atlantic in the Gulf Stream, but while this may be true of the Kemp's Ridley *Lepidochelys kempfi*, it is now known that young loggerheads *Caretta caretta* circulate the Atlantic for several years in oceanic gyre current systems (roughly between the Caribbean and the Azores) in association with weedlines. It is likely that prolonged storms occasionally push loggerheads northwards so that they lose contact with the gyres. The Kemp's ridley breeds almost exclusively on a single beach in Mexico (Rancho Nuevo, Tamaulipas State) and is critically endangered. Whereas 40,000 females were seen nesting in a single day in 1947, there are now only 300-400 females laying per year. It has been noted that Kemp's ridleys are now seen much less frequently in British waters (Penhallurick, 1990) and the population crash is probably responsible for this decline.

Secondly, there is the sole representative of the Family Dermochelyidae, the leatherback turtle *Dermochelys coriacea*. Leatherbacks are undoubtedly regular summer visitors to British waters and they are clearly on feeding migrations, following swarms of jellyfish (particularly *Rhizostoma* and *Cyanea*) on which they have been seen to feed (in the Irish Sea and the Bay of Biscay). Leatherbacks have been recorded accurately since the mid 18th century and have been reported in most years off western Ireland and in Cardigan Bay; they are usually seen in August and September, the months in which the highest summer temperatures are recorded in British waters, though live specimens have been recorded from June to November. The leatherback is known to be endothermic, maintaining a core body temperature of around 25°C (Frair *et al.*, 1972, Davenport *et al.*, 1990) when swimming in cool waters. Stranded animals have almost invariably been injured by boats, while most records have been for turtles caught in fishing gear. Healthy, swimming leatherbacks have been reported (in summer) from waters around Newfoundland, Northern Norway (north of the Arctic circle) and as far south as Chile and South Island, New Zealand. The breeding grounds of the leatherbacks that feed in British waters are unknown; Mexico, Tobago, Surinam or French Guyana are all possibilities.

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## CLASSIFICATION

Phylum **CHORDATA**

Subphylum **VERTEBRATA**

Class **REPTILIA**

Order **TESTUDINES**

Family **Cheloniidae**..... ZI4

Family **Dermochelyidae** ..... ZI13

### Class REPTILIA

|      |                     |                     |   |
|------|---------------------|---------------------|---|
| ZI1  | <b>REPTILIA</b>     |                     |   |
| ZI2  | <b>TESTUDINES</b>   |                     |   |
| ZI3  | CRYPTODIRA          |                     |   |
| ZI4  | Cheloniidae         |                     |   |
| ZI5  | <i>Chelonia</i>     | Brongniart, 1800    |   |
| ZI6  | <i>mydas</i>        | (Linnaeus, 1758)    | Green Turtle. Records up to the second world war are unreliable as live animals were shipped to Europe for slaughter. There are two possible records, from Shetland and Cornwall.   |
| ZI7  | <i>Caretta</i>      | Rafinesque, 1814    |   |
| ZI8  | <i>caretta</i>      | (Linnaeus, 1758)    | Loggerhead sea turtle. Most reports are of juveniles (10-40cm straight-line carapace length). Sometimes occurs in large numbers, as in January-March 1990 when about a dozen juveniles and sub-adults were reported from Devon, Wales, Ireland and Scotland after unusually savage southwesterlies.   |
| ZI9  | <i>Lepidochelys</i> | Fitzinger, 1843     |   |
| ZI10 | <i>kemp</i>         | (Garman, 1880)      | Kemp's ridley. Critically endangered. Juveniles often misidentified as loggerheads. Records from Cornwall, Ireland and Scotland in the 1930s. Only 3 have been reported from Devon and Cornwall since the second world war (Penhallurick, 1990).  |
| ZI11 | <i>Eretmochelys</i> | Fitzinger, 1843     |   |
| ZI12 | <i>imbricata</i>    | (Linnaeus, 1766)    | Hawksbill. Circumtropical species exploited for its scutes (tortoiseshell). Juvenile taken in English Channel in 1953; old specimen taken off Cork, Ireland in 1983. No other reliable records.   |
| ZI13 | Dermochelyidae      |                     |   |
| ZI14 | <i>Dermochelys</i>  | de Blainville, 1816 |   |
| ZI15 | <i>coriacea</i>     | (Vandelli, 1761)    | Leatherback, luth or leathery turtle. Regular visitor to British waters. 'Good' leatherback years appear to coincide with warm summers and plentiful jellyfish (e.g. 1988). King (1984) reported 101 specimens in British and Irish waters between 1971 and 1984. Easy to identify at sea as there are three prominent keels visible when the animal is swimming at the surface. The largest of all sea turtles, often exceeds 2 metres in length (world record animal, 914 kg beached at Harlech, 1988). |

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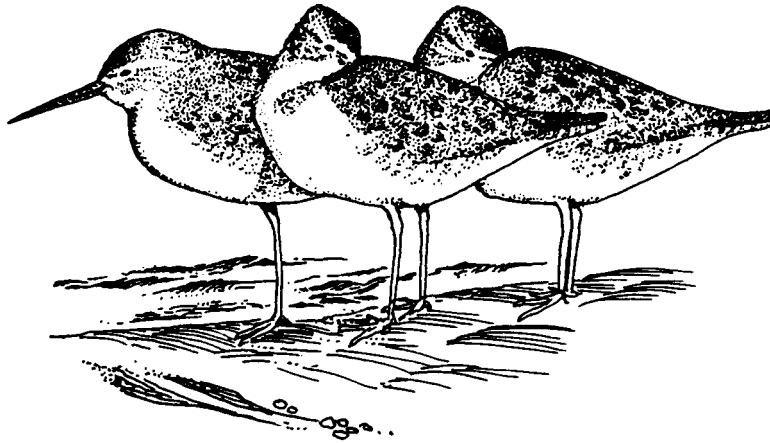
## AVES

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## AVES

### INTRODUCTION

The birds are perhaps the best known of all the animal groups included in this checklist, with the species complement known and the taxonomy reasonably stable. Nonetheless, certain problems were encountered in compiling the list, and in particular in selecting the species to include. A narrow definition of a seabird that excluded waders and wildfowl was felt to be too limiting, yet it was necessary to restrict the list to truly maritime birds, that is those that derive sustenance from the sea or sea-shore at some time during the year. However, boundaries have been drawn around certain groups so that, for instance, passerines have been excluded although some species are predominantly maritime, whilst certain waders that are seen only rarely on the shore have been included. Many species are recorded extremely infrequently in the British Isles, either as vagrants or as genuine rare species. Both categories have been included, and no doubt other such species will be recorded in the years ahead and merit inclusion on the British list. Finally, although the systematics are reasonably stable, changes continue to be made, with, for example, races being elevated to specific status, and thus the present list cannot be considered final.

The classification and scientific names employed in this checklist follow K.H. Voous's List of Recent Holarctic Bird Species 1977. Common name changes adopted by the British Ornithologists' Union in 1992 have been used throughout this checklist. Where two common names are shown, the current preferred name appears second.

### CLASSIFICATION

#### Class AVES

|                                |       |
|--------------------------------|-------|
| Order GAVIIFORMES              |       |
| Family Gaviidae .....          | ZJ3   |
| Order PODICIPEDIFORMES         |       |
| Family Podicipedidae .....     | ZJ10  |
| Order PROCELLARIIFORMES        |       |
| Family Diomedidae .....        | ZJ21  |
| Family Procellariidae .....    | ZJ24  |
| Family Hydrobatidae .....      | ZJ39  |
| Order PELECANIFORMES           |       |
| Family Fregatidae .....        | ZJ51  |
| Family Phalacrocoracidae ..... | ZJ54  |
| Family Sulidae .....           | ZJ59  |
| Order CICONIIFORMES            |       |
| Family Ardeidae .....          | ZJ63  |
| Family Threskiornithidae ..... | ZJ83  |
| Order ANSERIFORMES             |       |
| Family Anatidae .....          | ZJ89  |
| Order ACCIPITRIFORMES          |       |
| Family Accipitridae .....      | ZJ158 |
| Family Pandionidae .....       | ZJ161 |
| Order GRUIFORMES               |       |
| Family Rallidae .....          | ZJ165 |
| Order CHARADRIIFORMES          |       |
| Family Haematopodidae .....    | ZJ184 |
| Family Recurvirostridae .....  | ZJ187 |
| Family Burhinidae .....        | ZJ192 |
| Family Glareolidae .....       | ZJ195 |
| Family Charadriidae .....      | ZJ202 |
| Family Scolopacidae .....      | ZJ222 |
| Family Stercorariidae .....    | ZJ294 |
| Family Laridae .....           | ZJ300 |
| Family Sternidae .....         | ZJ327 |
| Family Alcidae .....           | ZJ347 |

## Class AVES

|      |   |  |  |
|------|---|--|--|
| ZJ1  | <b>AVES</b>                                 |  |  |
| ZJ2  | <b>GAVIIFORMES</b>                          |  |  |
| ZJ3  | Gaviidae                                    |  |  |
| ZJ4  | <i>Gavia</i> Foster, 1788                   |  |  |
| ZJ5  | <i>adamsii</i> (J E Gray, 1859)             | White-billed Diver/Yellow Billed Diver. Rare visitor.  |  |
| ZJ6  | <i>arctica</i> (Linnaeus, 1758)             | Black-throated Diver.  |  |
| ZJ7  | <i>immer</i> (Brünnich, 1764)               | Great Northern Diver.  |  |
| ZJ8  | <i>stellata</i> (Pontoppidan, 1763)         | Red-throated Diver.  |  |
| ZJ9  | <b>PODICIPEDIFORMES</b>                     |  |  |
| ZJ10 | Podicipedidae                               |  |  |
| ZJ11 | <i>Podiceps</i> Latham, 1758                |  |  |
| ZJ12 | <i>auritus</i> (Linnaeus, 1758)             | Slavonian Grebe.   |  |
| ZJ13 | <i>cristatus</i> (Linnaeus, 1758)           | Great crested Grebe.   |  |
| ZJ14 | <i>griseogena</i> (Boddaert, 1783)          | Red-necked Grebe.  |  |
| ZJ15 | <i>nigricollis</i> Brehm, 1831              | Black-necked Grebe.  |  |
| ZJ16 | <i>Podilymbus</i>                           |  |  |
| ZJ17 | <i>podiceps</i> (Linnaeus, 1758)            | Pied-billed Grebe. Not recorded as marine in Britain, but occasionally in N America. First recorded in 1963. |  |
| ZJ18 | <i>Tachybaptus</i>                          |  |  |
| ZJ19 | <i>ruficollis</i> (Pallas, 1764)            | Little Grebe.  |  |
| ZJ20 | <b>PROCELLARIIFORMES</b>                    |  |  |
| ZJ21 | Diomedidae                                  |  |  |
| ZJ22 | <i>Diomedea</i> Linnaeus, 1758              |  |  |
| ZJ23 | <i>melanophris</i> Temminck, 1823           | Black-browed Albatross. Rare.  |  |
| ZJ24 | Procellariidae                              |  |  |
| ZJ25 | <i>Bulweria</i>                             |  |  |
| ZJ26 | <i>bulwerii</i> (Jardine & Selby)           | Bulwer's Petrel. Very rare.  |  |
| ZJ27 | <i>Calonectris</i> Matthews & Tredale, 1915 |  |  |
| ZJ28 | <i>diomedea</i> (Scopoli, 1769)             | Cory's Shearwater.   |  |
| ZJ29 | <i>Fulmarus</i> Stephens, 1826              |  |  |
| ZJ30 | <i>glacialis</i> (Linnaeus, 1761)           | Fulmar/Northern Fulmar.  |  |
| ZJ31 | <i>Pterodroma</i>                           |  |  |
| ZJ32 | <i>hasitata</i> (Kuhl)                      | Capped Petrel. Very rare.  |  |
| ZJ33 | <i>Puffinus</i> Brisson, 1760               |  |  |
| ZJ34 | <i>assimilis</i> Gould, 1838                | Little Shearwater. Rare.   |  |
| ZJ35 | <i>gravis</i> (O'Reilly, 1818)              | Great Shearwater.  |  |
| ZJ36 | <i>griseus</i> (Gmelin, 1789)               | Sooty Shearwater. Autumn visitor.  |  |
| ZJ37 | <i>puffinus</i> (Brünnich, 1764)            | Manx Shearwater.   |  |
| ZJ38 | <i>yellowan</i> (Acerbi)                    | Mediterranean Shearwater.  |  |
| ZJ39 | Hydrobatidae                                |  |  |
| ZJ40 | <i>Hydrobates</i> Boie, 1822                |  |  |
| ZJ41 | <i>pelagicus</i> (Linnaeus, 1758)           | Storm-petrel/European Storm-petrel.  |  |
| ZJ42 | <i>Oceanites</i> Keyserling & Blasius, 1840 |  |  |
| ZJ43 | <i>oceanicus</i> (Kuhl, 1820)               | Wilson's Storm-petrel. Rare.   |  |
| ZJ44 | <i>Oceanodroma</i>                          |  |  |
| ZJ45 | <i>castro</i> (Harcourt)                    | Madeiran Petrel/Madeiran Storm-petrel.   |  |
| ZJ46 | <i>leucorhoa</i> (Vieillot)                 | Leach's Petrel/Leach's Storm-petrel.   |  |
| ZJ47 | <i>monorhii</i> Swinhoe                     | Swinhoe's Storm-petrel. Very rare. First recorded in 1989.   |  |
| ZJ48 | <i>Pelagodroma</i>                          |  |  |
| ZJ49 | <i>marina</i> (Latham)                      | Frigate Petrel/White-faced Storm-petrel. Very rare.  |  |
| ZJ50 | <b>PELECANIFORMES</b>                       |  |  |
| ZJ51 | Fregatidae                                  |  |  |
| ZJ52 | <i>Fregata</i>                              |  |  |
| ZJ53 | <i>magnificens</i> Matthews                 | Magnificent Frigate-bird. Very rare.   |  |
| ZJ54 | Phalacrocoracidae                           |  |  |
| ZJ55 | <i>Phalacrocorax</i> Brisson, 1760          |  |  |
| ZJ56 | <i>aristotelis</i> (Linnaeus, 1761)         | Shag/European Shag.  |  |
| ZJ57 | <i>auritus</i> Lesson                       | Double-crested Cormorant. Very rare. First recorded in 1988.   |  |
| ZJ58 | <i>carbo</i> (Linnaeus, 1758)               | Cormorant/Great Cormorant.   |  |
| ZJ59 | Sulidae                                     |  |  |
| ZJ60 | <i>Morus</i>                                | Previously <i>Sula</i> .   |  |
| ZJ61 | <i>bassanus</i> (Linnaeus, 1758)            | Gannet/Northern Gannet.  |  |
| ZJ62 | <b>CICONIIFORMES</b>                        |  |  |
| ZJ63 | Ardeidae                                    |  |  |
| ZJ64 | <i>Ardea</i> Linnaeus, 1758                 |  |  |
| ZJ65 | <i>cinerea</i> Linnaeus, 1758               | Heron/Grey Heron.  |  |
| ZJ66 | <i>purpurea</i> Linnaeus                    | Purple Heron.  |  |
| ZJ67 | <i>Ardeola</i>                              |  |  |
| ZJ68 | <i>ralloides</i> (Scopoli)                  | Squacco Heron.   |  |
| ZJ69 | <i>Botaurus</i>                             |  |  |
| ZJ70 | <i>lentiginosus</i> (Rackett)               | American Bittern. Rare.  |  |
| ZJ71 | <i>stellaris</i> (Linnaeus)                 | Bittern/Great Bittern.   |  |
| ZJ72 | <i>Bubulcus</i>                             |  |  |
| ZJ73 | <i>ibis</i> (Linnaeus)                      | Cattle Egret.  |  |
| ZJ74 | <i>Butorides</i>                            |  |  |
| ZJ75 | <i>striatus</i> (Linnaeus)                  | Green Heron/Green-backed Heron. Very rare.   |  |
| ZJ76 | <i>Egretta</i>                              |  |  |
| ZJ77 | <i>alba</i> (Linnaeus)                      | Great White Egret/Great Egret. Rare.   |  |
| ZJ78 | <i>garzetta</i> (Linnaeus)                  | Little Egret.  |  |
| ZJ79 | <i>Ixobrychus</i>                           |  |  |
| ZJ80 | <i>minutus</i> (Linnaeus)                   | Little Bittern.  |  |
| ZJ81 | <i>Nycticorax</i>                           |  |  |
| ZJ82 | <i>nycticorax</i> (Linnaeus)                | Night Heron/Black-crowned Night Heron.   |  |
| ZJ83 | Threskiornithidae                           |  |  |
| ZJ84 | <i>Platalea</i> Linnaeus, 1758              |  |  |
| ZJ85 | <i>leucorodia</i> Linnaeus, 1758            | Spoonbill. Rare.   |  |
| ZJ86 | <i>Plegadis</i> Kaup, 1829                  |  |  |



|       |                                       |  |
|-------|---------------------------------------|--|
| ZJ87  | <i>falcinellus</i> (Linnaeus, 1766)   | Glossy Ibis. Rare.   |
| ZJ88  | <b>ANSERIFORMES</b>                   |  |
| ZJ89  | Anatidae                              |  |
| ZJ90  | <i>Aix</i>                            |  |
| ZJ91  | <i>galericulata</i> (Linnaeus)        | Mandarin Duck.   |
| ZJ92  | <i>Alopochen</i>                      |  |
| ZJ93  | <i>aegyptiacus</i> (Linnaeus)         | Egyptian Goose.  |
| ZJ94  | <i>Anas</i> Linnaeus, 1758            |  |
| ZJ95  | <i>acuta</i> Linnaeus, 1758           | Pintail/Northern Pintail.  |
| ZJ96  | <i>americana</i> Gmelin, 1789         | American Wigeon. Rare.   |
| ZJ97  | <i>clypeata</i> (Linnaeus, 1758)      | Shoveler/Northern Shoveler.  |
| ZJ98  | <i>crecca</i> Linnaeus, 1758          | Teal/Common Teal.  |
| ZJ99  | <i>discors</i> Linnaeus               | Blue-winged Teal.  |
| ZJ100 | <i>formosa</i> Georgi                 | Baikal Teal. Very rare.  |
| ZJ101 | <i>penelope</i> Linnaeus, 1758        | Wigeon/Eurasian Wigeon.  |
| ZJ102 | <i>platyrhynchos</i> Linnaeus, 1758   | Mallard.   |
| ZJ103 | <i>querquedula</i> Linnaeus, 1758     | Garganey.  |
| ZJ104 | <i>rubripes</i> Brewster, 1902        | Black Duck/American Black Duck. Rare.  |
| ZJ105 | <i>strepera</i> Linnaeus, 1758        | Gadwall.   |
| ZJ106 | <i>Anser</i> Brisson, 1760            |  |
| ZJ107 | <i>albigrons</i> (Scopoli, 1768)      | White-fronted Goose/Greater White-fronted Goose.                                       |
| ZJ108 | <i>anser</i> (Linnaeus, 1758)         | Greylag Goose.   |
| ZJ109 | <i>brachyrhynchus</i> Baillon, 1833   | Pink-footed Goose.   |
| ZJ110 | <i>caerulescens</i> (Linnaeus, 1758)  | Snow Goose. Rare. Many records are considered to be of captive origin.                 |
| ZJ111 | <i>erythropus</i> (Linnaeus, 1758)    | Lesser White-fronted Goose. Rare.  |
| ZJ112 | <i>fabalis</i> (Latham, 1787)         | Bean Goose.  |
| ZJ113 | <i>Aythya</i> Boie, 1822              |  |
| ZJ114 | <i>affinis</i> (Eyton)                | Lesser Scaup. Very rare. First recorded in 1987.                                       |
| ZJ115 | <i>collaris</i> (Donovan)             | Ring-necked Duck.  |
| ZJ116 | <i>ferina</i> (Linnaeus, 1758)        | Pochard/Common Pochard.  |
| ZJ117 | <i>fuligula</i> (Linnaeus, 1758)      | Tufted Duck.   |
| ZJ118 | <i>marila</i> (Linnaeus, 1761)        | Scaup/Greater Scaup.   |
| ZJ119 | <i>nyroca</i> (Güldenstädt, 1770)     | Ferruginous Duck.  |
| ZJ120 | <i>Branta</i> Scopoli, 1769           |  |
| ZJ121 | <i>bernicla</i> (Linnaeus, 1758)      | Brent goose.   |
| ZJ122 | <i>canadensis</i> (Linnaeus, 1758)    | Canada Goose.  |
| ZJ123 | <i>leucopsis</i> (Bechstein, 1803)    | Barnacle Goose.  |
| ZJ124 | <i>ruficollis</i> (Pallas, 1769)      | Red-breasted Goose. Rare.  |
| ZJ125 | <i>Bucephala</i> Baird, 1858          |  |
| ZJ126 | <i>albeola</i> (Linnaeus, 1758)       | Bufflehead. Very rare.   |
| ZJ127 | <i>clangula</i> (Linnaeus, 1758)      | Goldeneye/Common Goldeneye.  |
| ZJ128 | <i>islandica</i> (Gmelin, 1789)       | Barrow's Goldeneye. Very rare.   |
| ZJ129 | <i>Clangula</i> Leach, 1819           |  |
| ZJ130 | <i>hyemalis</i> (Linnaeus, 1758)      | Long-tailed Duck.  |
| ZJ131 | <i>Cygnus</i> Bechstein, 1803         |  |
| ZJ132 | <i>columbianus</i> (Ord, 1815)        | Bewick's Swan/Tundra Swan.   |
| ZJ133 | <i>cygnus</i> (Linnaeus, 1758)        | Whooper Swan.  |
| ZJ134 | <i>olor</i> (Gmelin, 1789)            | Mute Swan.   |
| ZJ135 | <i>Histrionicus</i> Lesson, 1828      |  |
| ZJ136 | <i>histrionicus</i> (Linnaeus, 1758)  | Harlequin Duck. Rare.  |
| ZJ137 | <i>Melanitta</i> Boie, 1822           |  |
| ZJ138 | <i>fusca</i> (Linnaeus, 1758)         | Velvet Scoter.   |
| ZJ139 | <i>nigra</i> (Linnaeus, 1758)         | Common Scoter/Black Scoter.  |
| ZJ140 | <i>nigra americana</i> Swainson       | Common Scoter. Very rare.  |
| ZJ141 | <i>perspicillata</i> (Linnaeus, 1758) | Surf Scoter.   |
| ZJ142 | <i>Mergus</i> Linnaeus, 1758          |  |
| ZJ143 | <i>albellus</i> Linnaeus, 1758        | Smew.  |
| ZJ144 | <i>cucullatus</i> Linnaeus            | Hooded Merganser. Very rare.   |
| ZJ145 | <i>merganser</i> Linnaeus, 1758       | Goosander.   |
| ZJ146 | <i>serrator</i> Linnaeus, 1758        | Red-breasted Merganser.  |
| ZJ147 | <i>Netta</i> Kaup, 1829               |  |
| ZJ148 | <i>rufina</i> (Pallas, 1773)          | Red-crested Pochard. Rare. Many recent records are considered to be of captive origin. |
| ZJ149 | <i>Polysticta</i> Eyton, 1836         |  |
| ZJ150 | <i>stelleri</i> (Pallas, 1769)        | Steller's Eider. Rare.   |
| ZJ151 | <i>Somateria</i> Leach, 1819          |  |
| ZJ152 | <i>mollissima</i> (Linnaeus, 1758)    | Eider/Common Eider.  |
| ZJ153 | <i>spectabilis</i> (Linnaeus, 1758)   | King Eider.  |
| ZJ154 | <i>Tadorna</i> Boie, 1822             |  |
| ZJ155 | <i>ferruginea</i> (Pallas)            | Ruddy Shelduck. Rare. All recent records are considered to be of captive origin.       |
| ZJ156 | <i>tadorna</i> (Linnaeus, 1758)       | Shelduck/Common Shelduck.  |
| ZJ157 | <b>ACCIPITRIFORMES</b>                |  |
| ZJ158 | Accipitridae                          |  |
| ZJ159 | <i>Haliaeetus</i> Savigny, 1809       |  |
| ZJ160 | <i>albicilla</i> (Linnaeus, 1758)     | White-tailed Eagle. Reintroduced into western Scotland in 1975.                        |
| ZJ161 | Pandionidae                           |  |
| ZJ162 | <i>Pandion</i> Savigny, 1809          |  |
| ZJ163 | <i>haliaetus</i> (Linnaeus, 1758)     | Osprey.  |
| ZJ164 | <b>GRUIFORMES</b>                     |  |
| ZJ165 | Rallidae                              |  |
| ZJ166 | <i>Crex</i>                           |  |
| ZJ167 | <i>crex</i> (Linnaeus)                | Corncrake/Corn Crane.  |
| ZJ168 | <i>Fulica</i> Linnaeus, 1758          |  |
| ZJ169 | <i>atra</i> Linnaeus, 1758            | Coot/Common Coot.  |
| ZJ170 | <i>americana</i> Gmelin               | American Coot. Very rare.  |
| ZJ171 | <i>Gallinula</i> Brisson, 1760        |  |
| ZJ172 | <i>chloropus</i> (Linnaeus, 1758)     | Moorhen/Common Moorhen.  |
| ZJ173 | <i>Porphyrola</i>                     |  |

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| ZJ174 | <i>alleni</i> (Thomson)                | Allen's Gallinule. Very rare.                          |
| ZJ175 | <i>martinica</i> (Linnaeus)            | American Purple Gallinule/Purple Gallinule. Very rare. |
| ZJ176 | <i>Porzana</i>                         |  |
| ZJ177 | <i>carolina</i> (Linnaeus)             | Sora Rail/Sora. Rare.                                  |
| ZJ178 | <i>parva</i> (Scopoli)                 | Little Crake. Rare.                                    |
| ZJ179 | <i>porzana</i> (Linnaeus)              | Spotted Crake.   |
| ZJ180 | <i>pusilla</i> (Pallas)                | Baillon's Crake. Very rare.                            |
| ZJ181 | <i>Rallus</i> Linnaeus, 1758           |  |
| ZJ182 | <i>aquaticus</i> Linnaeus, 1758        | Water Rail.  |
| ZJ183 | <b>CHARADRIIFORMES</b>                 |  |
| ZJ184 | Haematopodidae                         |  |
| ZJ185 | <i>Haematopus</i> Linnaeus, 1758       |  |
| ZJ186 | <i>ostralegus</i> Linnaeus, 1758       | Oystercatcher/Eurasian Oystercatcher.                  |
| ZJ187 | Recurvirostridae                       |  |
| ZJ188 | <i>Himantopus</i> Brisson, 1760        |  |
| ZJ189 | <i>himantopus</i> (Linnaeus, 1758)     | Black-winged Stilt.                                    |
| ZJ190 | <i>Recurvirostra</i> Linnaeus, 1758    |  |
| ZJ191 | <i>avosetta</i> Linnaeus, 1758         | Avocet/Pied Avocet.                                    |
| ZJ192 | Burhinidae                             |  |
| ZJ193 | <i>Burhinus</i>                        |  |
| ZJ194 | <i>oediconemus</i> (Linnaeus)          | Stone Curlew/Stone-curlew.                             |
| ZJ195 | Glareolidae                            |  |
| ZJ196 | <i>Cursorius</i>                       |  |
| ZJ197 | <i>cursor</i> (Latham)                 | Cream-coloured Courser. Rare.                          |
| ZJ198 | <i>Glareola</i> Brisson, 1760          |  |
| ZJ199 | <i>maldivarum</i> J R Forster          | Oriental Pratincole. Very rare.                        |
| ZJ200 | <i>nordmanni</i> Fischer, 1843         | Black-winged Pratincole. Rare.                         |
| ZJ201 | <i>pratincola</i> (Linnaeus, 1766)     | Collared Pratincole.                                   |
| ZJ202 | Charadriidae                           |  |
| ZJ203 | <i>Charadrius</i> Linnaeus, 1758       |  |
| ZJ204 | <i>alexandrinus</i> Linnaeus, 1758     | Kentish Plover.  |
| ZJ205 | <i>asiaticus</i> Pallas                | Caspian Plover. Very rare.                             |
| ZJ206 | <i>dubius</i> Scopoli, 1786            | Little Ringed Plover/Little Plover.                    |
| ZJ207 | <i>hiaticula</i> Linnaeus, 1758        | Ringed Plover.   |
| ZJ208 | <i>leschenaultii</i> Lesson, 1826      | Greater Sand Plover.                                   |
| ZJ209 | <i>morinellus</i> Linnaeus, 1758       | Dotterel/Eurasian Dotterel.                            |
| ZJ210 | <i>semipalmatus</i> Bonaparte, 1825    | Semipalmated Plover. Very rare.                        |
| ZJ211 | <i>vociferus</i> Linnaeus, 1758        | Killdeer. Rare.  |
| ZJ212 | <i>Chettusia</i> Bonaparte, 1825       |  |
| ZJ213 | <i>gregaria</i> (Pallas, 1771)         | Sociable Plover/Sociable Lapwing. Rare.                |
| ZJ214 | <i>leucura</i> (Lichtenstein, 1823)    | White-tailed Plover/White Tailed Lapwing. Very rare.   |
| ZJ215 | <i>Pluvialis</i> Brisson, 1760         |  |
| ZJ216 | <i>apricaria</i> (Linnaeus, 1758)      | Golden Plover/European Golden Plover.                  |
| ZJ217 | <i>dominica</i> (Statius Müller, 1776) | American Golden Plover. Rare.                          |
| ZJ218 | <i>fulva</i> (Gmelin, 1789)            | Pacific Golden Plover. Rare.                           |
| ZJ219 | <i>squatarola</i> (Linnaeus, 1758)     | Grey Plover.   |
| ZJ220 | <i>Vanellus</i> Brisson, 1760          |  |
| ZJ221 | <i>vanellus</i> (Linnaeus, 1758)       | Lapwing/Northern Lapwing.                              |
| ZJ222 | Scolopacidae                           |  |
| ZJ223 | <i>Actitis</i> Illiger, 1811           |  |
| ZJ224 | <i>hypoleucos</i> (Linnaeus, 1758)     | Common Sandpiper.                                      |
| ZJ225 | <i>macularia</i> (Linnaeus, 1766)      | Spotted Sandpiper. Rare.                               |
| ZJ226 | <i>Arenaria</i> Brisson, 1760          |  |
| ZJ227 | <i>interpres</i> (Linnaeus, 1758)      | Turnstone/Ruddy Turnstone.                             |
| ZJ228 | <i>Bartramia</i> Lesson, 1831          |  |
| ZJ229 | <i>longicauda</i> (Bechstein, 1812)    | Upland Sandpiper. Rare.                                |
| ZJ230 | <i>Calidris</i> Merrem, 1804           |  |
| ZJ231 | <i>acuminata</i> (Horsfield, 1821)     | Sharp-tailed Sandpiper. Rare.                          |
| ZJ232 | <i>alba</i> (Pallas, 1764)             | Sanderling.  |
| ZJ233 | <i>alpina</i> (Linnaeus, 1758)         | Dunlin.  |
| ZJ234 | <i>bairdii</i> (Coe, 1861)             | Baird's Sandpiper. Rare.                               |
| ZJ235 | <i>canutus</i> (Linnaeus, 1758)        | Knot/Red Knot.   |
| ZJ236 | <i>ferruginea</i> (Pontoppidan, 1763)  | Curlew Sandpiper.                                      |
| ZJ237 | <i>fuscollis</i> (Vieillot, 1819)      | White-rumped Sandpiper. Rare.                          |
| ZJ238 | <i>maritima</i> (Brünnich, 1764)       | Purple Sandpiper.                                      |
| ZJ239 | <i>mauri</i> (Cabanis, 1857)           | Western Sandpiper. Very rare.                          |
| ZJ240 | <i>melanotos</i> (Vieillot, 1819)      | Pectoral Sandpiper.                                    |
| ZJ241 | <i>minuta</i> (Leisler, 1812)          | Little Stint.  |
| ZJ242 | <i>minutilla</i> (Vieillot, 1819)      | Least Sandpiper. Rare.                                 |
| ZJ243 | <i>pusilla</i> (Linnaeus, 1766)        | Semipalmated Sandpiper. Rare.                          |
| ZJ244 | <i>ruficollis</i> (Pallas, 1776)       | Red-necked Stint. Very rare. First recorded in 1986.   |
| ZJ245 | <i>subminuta</i> (Middendorff, 1851)   | Long-toed Stint. Very rare. First recorded in 1982.    |
| ZJ246 | <i>temminckii</i> (Leisler, 1812)      | Temminck's Stint.                                      |
| ZJ247 | <i>tenuirostris</i> (Horsfield)        | Great Knot. Very rare. First recorded in 1989.         |
| ZJ248 | <i>Gallinago</i> Brisson, 1760         |  |
| ZJ249 | <i>gallinago</i> (Linnaeus, 1758)      | Snipe/Common Snipe.                                    |
| ZJ250 | <i>media</i> (Latham, 1787)            | Great Snipe.   |
| ZJ251 | <i>Heteroscelus</i>                    |  |
| ZJ252 | <i>brevipes</i> (Vieillot)             | Grey-tailed Tattler. Very rare.                        |
| ZJ253 | <i>Limicola</i> Koch, 1816             |  |
| ZJ254 | <i>falcinellus</i> (Pontoppidan, 1763) | Broad-billed Sandpiper.                                |
| ZJ255 | <i>Limnodromus</i> Wied, 1833          |  |
| ZJ256 | <i>griseus</i> (Gmelin, 1789)          | Short-billed Dowitcher. Very rare.                     |
| ZJ257 | <i>scolopaceus</i> (Say, 1823)         | Long-billed Dowitcher. Rare.                           |
| ZJ258 | <i>Limosa</i> Brisson, 1760            |  |
| ZJ259 | <i>haemastica</i> (Linnaeus)           | Hudsonian Godwit. Very rare. First recorded in 1981.   |
| ZJ260 | <i>lapponica</i> (Linnaeus, 1758)      | Bar-tailed Godwit.                                     |
| ZJ261 | <i>limosa</i> (Linnaeus, 1758)         | Black-tailed Godwit.                                   |
| ZJ262 | <i>Lymnocyptes</i> Kaup, 1829          |  |
| ZJ263 | <i>minimus</i> (Brünnich, 1764)        | Jack Snipe. Occasional on shores.                      |
| ZJ264 | <i>Micropalama</i> Baird               |  |

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|-------|--|---|
| ZJ265 | <i>himantopus</i> (Bonaparte, 1826)    | Stilt Sandpiper. Rare.  |
| ZJ266 | <i>Numerius</i> Brisson, 1760          |   |
| ZJ267 | <i>arquata</i> (Linnaeus, 1758)        | Curlew/Eurasian Curlew.   |
| ZJ268 | <i>borealis</i> (Forster, 1772)        | Eskimo Curlew. Very rare.   |
| ZJ269 | <i>minutus</i> Gould, 1841             | Little Whimbrel/Little Curlew. Very rare. First recorded in 1982. |
| ZJ270 | <i>phaeopus</i> (Linnaeus, 1758)       | Whimbrel.   |
| ZJ271 | <i>Phalaropus</i> Brisson, 1760        |   |
| ZJ272 | <i>fulcarius</i> (Linnaeus, 1758)      | Grey Phalarope.   |
| ZJ273 | <i>lobatus</i> (Linnaeus, 1758)        | Red-necked Phalarope.   |
| ZJ274 | <i>tricolor</i> (Vieillot, 1819)       | Wilson's Phalarope. Rare.   |
| ZJ275 | <i>Philomachus</i> Merrem, 1804        |   |
| ZJ276 | <i>pugnax</i> (Linnaeus, 1758)         | Ruff.   |
| ZJ277 | <i>Scolopax</i> Linnaeus, 1758         |   |
| ZJ278 | <i>rusticola</i> Linnaeus, 1758        | Woodcock/Eurasian Woodcock.                                       |
| ZJ279 | <i>Tringa</i> Linnaeus, 1758           |   |
| ZJ280 | <i>brevipes</i> (Vieillot, 1816)       | Grey Tailed Tattler. Very rare. First recorded in 1981.           |
| ZJ281 | <i>erythropus</i> (Pallas, 1764)       | Spotted Redshank.   |
| ZJ282 | <i>flavipes</i> (Gmelin, 1789)         | Lesser Yellowlegs.  |
| ZJ283 | <i>glareola</i> Linnaeus, 1758         | Wood Sandpiper.   |
| ZJ284 | <i>melanoleuca</i> (Gmelin, 1789)      | Greater Yellowlegs.   |
| ZJ285 | <i>nebularia</i> (Gunnerus, 1767)      | Greenshank/Common Greenshank.                                     |
| ZJ286 | <i>ochropus</i> Linnaeus, 1758         | Green Sandpiper.  |
| ZJ287 | <i>solitaria</i> Wilson, 1813          | Solitary Sandpiper. Rare.   |
| ZJ288 | <i>stagnatilis</i> (Bechstein, 1803)   | Marsh Sandpiper. Rare.  |
| ZJ289 | <i>totanus</i> (Linnaeus, 1758)        | Redshank/Common Redshank.   |
| ZJ290 | <i>Tryngites</i> Cabanis, 1857         |   |
| ZJ291 | <i>subruficollis</i> (Vieillot, 1819)  | Buff-breasted Sandpiper.  |
| ZJ292 | <i>Xenus</i> Kaup, 1829                |   |
| ZJ293 | <i>cinereus</i> (Güldenstädt, 1775)    | Terek Sandpiper. Rare.  |
| ZJ294 | Stercorariidae                         |   |
| ZJ295 | <i>Stercorarius</i> Brisson, 1760      |   |
| ZJ296 | <i>longicaudus</i> Vieillot, 1819      | Long-tailed Skua.   |
| ZJ297 | <i>parasiticus</i> (Linnaeus, 1758)    | Arctic Skua.  |
| ZJ298 | <i>pomarinus</i> (Temminck, 1815)      | Pomarine skua.  |
| ZJ299 | <i>skua</i> (Brünnich, 1764)           | Great Skua.   |
| ZJ300 | Laridae                                |   |
| ZJ301 | <i>Larus</i> Linnaeus, 1758            |   |
| ZJ302 | <i>argentatus</i> Pontoppidan, 1763    | Herring Gull.   |
| ZJ303 | <i>atricilla</i> Linnaeus, 1758        | Laughing Gull. Rare.  |
| ZJ304 | <i>canus</i> Linnaeus, 1758            | Common Gull/Mew Gull.   |
| ZJ305 | <i>canus heinei</i> Homeyer            | Common Gull/Mew Gull. Very rare.                                  |
| ZJ306 | <i>delawarensis</i> Ord, 1815          | Ring-billed Gull.   |
| ZJ307 | <i>fuscus</i> Linnaeus, 1758           | Lesser Black-backed Gull.   |
| ZJ308 | <i>genei</i> Brème, 1839               | Slender-billed Gull. Very rare.                                   |
| ZJ309 | <i>glaucoides</i> Meyer, 1822          | Iceland Gull.   |
| ZJ310 | <i>hyperboreus</i> Gunnerus, 1767      | Glaucous Gull.  |
| ZJ311 | <i>ichthyaetus</i> Pallas, 1773        | Great Black-headed Gull/Pallas's Gull. Very rare.                 |
| ZJ312 | <i>marinus</i> Linnaeus, 1758          | Great Black-backed Gull.  |
| ZJ313 | <i>melanocephalus</i> Temminck, 1820   | Mediterranean Gull.   |
| ZJ314 | <i>minutus</i> Pallas, 1776            | Little Gull.  |
| ZJ315 | <i>philadelphia</i> (Ord, 1815)        | Bonaparte's Gull. Rare.   |
| ZJ316 | <i>pipixcan</i> Wagler, 1831           | Franklin's Gull. Rare.  |
| ZJ317 | <i>ridibundus</i> Linnaeus, 1766       | Black-headed Gull.  |
| ZJ318 | <i>sabini</i> Sabine                   | Sabine's Gull.  |
| ZJ319 | <i>Pagophila</i> Kaup, 1829            |   |
| ZJ320 | <i>eburnea</i> (Phipps, 1774)          | Ivory Gull. Rare.   |
| ZJ321 | <i>Rhodostethia</i> MacGillivray, 1842 |   |
| ZJ322 | <i>rosea</i> (MacGillivray, 1824)      | Ross's Gull.  |
| ZJ323 | <i>Rissa</i> Stephens, 1826            |   |
| ZJ324 | <i>tridactyla</i> (Linnaeus, 1758)     | Kittiwake/Black-Legged Kittiwake.                                 |
| ZJ325 | <i>Xema</i> Lach, 1819                 |   |
| ZJ326 | <i>sabini</i> (Sabine, 1819)           | Sabine's Gull.  |
| ZJ327 | Sternidae                              |   |
| ZJ328 | <i>Chlidonias</i> Rafinesque, 1822     |   |
| ZJ329 | <i>hybridus</i> (Pallas, 1811)         | Whiskered Tern.   |
| ZJ330 | <i>leucopterus</i> (Temminck, 1815)    | White-winged Black Tern/White-winged Tern.                        |
| ZJ331 | <i>niger</i> (Linnaeus, 1758)          | Black Tern.   |
| ZJ332 | <i>Gelochelidon</i> Brehm, 1830        |   |
| ZJ333 | <i>nilotica</i> (Gmelin, 1789)         | Gull-billed Tern.   |
| ZJ334 | <i>Sterna</i> Linnaeus, 1758           |   |
| ZJ335 | <i>albigrons</i> Pallas, 1764          | Little Tern.  |
| ZJ336 | <i>aleutica</i> Baird, 1869            | Aleutian Tern. Very rare. One record only, 1979.                  |
| ZJ337 | <i>anaethetus</i> Scopoli, 1786        | Bridled Tern. Rare.   |
| ZJ338 | <i>bengalensis</i> Lesson, 1831        | Lesser Crested Tern. Very rare. First recorded in 1982.           |
| ZJ339 | <i>caspia</i> Pallas, 1770             | Caspian Tern.   |
| ZJ340 | <i>dougallii</i> Montagu, 1813         | Roseate Tern.   |
| ZJ341 | <i>forsteri</i> Nuttall, 1834          | Forster's Tern. Rare. First recorded in 1980.                     |
| ZJ342 | <i>fuscata</i> Linnaeus, 1766          | Sooty Tern. Rare.   |
| ZJ343 | <i>hirundo</i> Linnaeus, 1758          | Common Tern.  |
| ZJ344 | <i>maxima</i> Boddaert, 1783           | Royal Tern. Very rare.  |
| ZJ345 | <i>paradisaea</i> Pontoppidan, 1763    | Arctic Tern.  |
| ZJ346 | <i>sandvicensis</i> Latham, 1787       | Sandwich Tern.  |
| ZJ347 | Alcidae                                |   |
| ZJ348 | <i>Alca</i> Linnaeus, 1758             |   |
| ZJ349 | <i>torda</i> Linnaeus, 1758            | Razorbill.  |
| ZJ350 | <i>Alle</i> Link, 1806                 |   |
| ZJ351 | <i>alle</i> (Linnaeus, 1758)           | Little Auk.   |
| ZJ352 | <i>Cepphus</i> Pallas, 1769            |   |
| ZJ353 | <i>grylle</i> (Linnaeus, 1758)         | Black Guillemot.  |
| ZJ354 | <i>Fratercula</i> Brisson, 1760        |   |

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|-------|----------------------------------|--|
| ZJ355 | <i>arctica</i> (Linnaeus, 1758)  | Puffin/Atlantic Puffin.                          |
| ZJ356 | <i>Synthliboramphus</i>          |  |
| ZJ357 | <i>antiquus</i> (Gmelin)         | Ancient Murrelet. Very rare. One record in 1990. |
| ZJ358 | <i>Uria</i> Brisson, 1760        |  |
| ZJ359 | <i>aalge</i> (Pontoppidan, 1763) | Guillemot/Common Guillemot.                      |
| ZJ360 | <i>lomvia</i> (Linnaeus, 1758)   | Brünnich's Guillemot. Rare.                      |

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# MAMMALIA

compiled by

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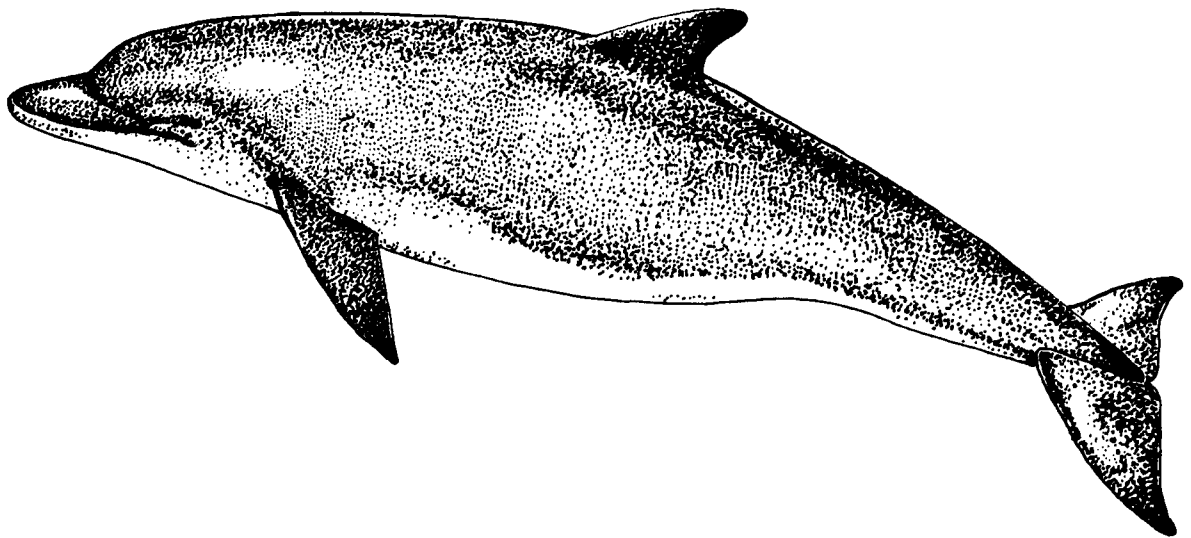
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## MAMMALIA

## INTRODUCTION

This checklist of marine mammals follows the systematic order and names given in Corbet and Hill (1986). The families within the order Cetacea have been placed in different sequences in several recent publications (e.g. Gaskin, 1982; Honacki et al., 1982; Watson, 1985). However, there have been very few name changes amongst the marine mammals in recent years. Many of the species on the British list are occasional visitors recorded from strandings, and thus additional species are likely to be recorded in the future.

## CLASSIFICATION

Phylum CHORDATA

Subphylum VERTEBRATA

Class MAMMALIA

Order CARNIVORA

Family Mustelidae ..... ZK2

Order PINNIPEDIA

Family Odobenidae ..... ZK6

Family Phocidae ..... ZK9

Order CETACEA

Family Delphinidae ..... ZK22

Family Phocoenidae ..... ZK40

Family Monodontidae ..... ZK43

Family Physeteridae ..... ZK48

Family Ziphiidae ..... ZK53

Family Balaenopteridae ..... ZK63

Family Balaenidae ..... ZK71

## Class MAMMALIA

## ZK1 CARNIVORA

ZK2 Mustelidae

ZK3 *Lutra* Brunnich, 1771ZK4 *lutra* (Linnaeus, 1758)

Otter.

## ZK5 PINNIPEDIA

ZK6 Odobenidae

ZK7 *Odobenus* Brisson, 1762ZK8 *rosmarus* (Linnaeus, 1758)

Walrus. Occasional vagrant (Corbet &amp; Southern, 1977).

ZK9 Phocidae

ZK10 *Phoca* Linnaeus, 1758ZK11 *groenlandica* Erxleben, 1777Harp Seal. *Phoca groenlandica* (Ridgeway & Harrison, 1981; Honacki et al., 1982). Occasional vagrant (Corbet & Southern, 1977).ZK12 *hispida* Schreber, 1775

Ringed Seal. Occasional vagrant (Corbet &amp; Southern, 1977).

ZK13 *vitulina* Linnaeus, 1758

Common Seal.

ZK14 *Halichoerus* Nilsson, 1820ZK15 *grypus* (Fabricius, 1791)

Grey Seal.

ZK16 *Erignathus* Gill, 1866ZK17 *barbatus* (Erxleben, 1777)

Bearded Seal. Occasional vagrant (Corbet &amp; Southern, 1977).

ZK18 *Cystophora* Nilsson, 1820ZK19 *cristata* (Erxleben, 1777)

Hooded Seal. Occasional vagrant (Corbet &amp; Southern, 1977).

## ZK20 CETACEA

ZK21 ODONTOCETI

ZK22 Delphinidae

ZK23 *Stenella* J E Gray, 1866ZK24 *coeruleoalba* (Meyen, 1833)

Striped Dolphin, Euphrosyne Dolphin.

ZK25 *Delphinus* Linnaeus, 1758ZK26 *delphis* Linnaeus, 1758

Common Dolphin.

ZK27 *Tursiops* Gervais, 1855ZK28 *truncatus* (Montagu, 1821)

Bottle-nosed Dolphin.

ZK29 *Lagenorhynchus* J E Gray, 1846ZK30 *acutus* (J E Gray, 1846)

White-sided Dolphin.

ZK31 *albirostris* (J E Gray, 1846)

White-beaked Dolphin.

ZK32 *Pseudorca* Reinhardt, 1862ZK33 *crassidens* (Owen, 1846)

False Killer Whale.

ZK34 *Orcinus* Fitzinger, 1860

|      |  |   |
|------|--|---|
| ZK35 | <i>orca</i> (Linnaeus, 1758)           | Killer Whale.   |
| ZK36 | <i>Grampus</i> J E Gray, 1828          |   |
| ZK37 | <i>griseus</i> (Cuvier, 1812)          | Risso's Dolphin.  |
| ZK38 | <i>Globicephala</i> Lesson, 1828       |   |
| ZK39 | <i>melaena</i> (Triall, 1809)          | Long-finned Pilot Whale, Blackfish.   |
| ZK40 | Phocoenidae                            |   |
| ZK41 | <i>Phocoena</i> Cuvier, 1817           |   |
| ZK42 | <i>phocoena</i> (Linnaeus, 1758)       | Common Porpoise.  |
| ZK43 | Monodontidae                           |   |
| ZK44 | <i>Delphinapterus</i> Lacepede, 1804   |   |
| ZK45 | <i>leucas</i> (Pallas, 1776)           | White Whale. Infrequent visitor (Fraser, 1976).   |
| ZK46 | <i>Monodon</i> Linnaeus, 1758          |   |
| ZK47 | <i>monoceros</i> Linnaeus, 1758        | Narwal. Infrequent visitor, five recorded strandings, none since 1949 (Fraser, 1976).                                       |
| ZK48 | Physeteridae                           |   |
| ZK49 | <i>Kogia</i> J E Gray, 1846            |   |
| ZK50 | <i>breviceps</i> (de Blainville, 1838) | Pygmy Sperm Whale. Rare, one stranded Ireland in 1966 (Fraser, 1976).   |
| ZK51 | <i>Physeter</i> Linnaeus, 1758         |   |
| ZK52 | <i>catodon</i> Linnaeus, 1758          | Sperm Whale. <i>Physeter macrocephalus</i> no longer valid (Schevill, 1986). Synonym: <i>P. macrocephalus</i> .             |
| ZK53 | Ziphiidae                              |   |
| ZK54 | <i>Mesoplodon</i> Gervais, 1850        |   |
| ZK55 | <i>bidens</i> (Sowerby, 1804)          | Sowerby's Beaked Whale.   |
| ZK56 | <i>europaeus</i> (Gervais, 1855)       | Gervais' Beaked Whale. Two records; English Channel, 1848 (Watson, 1985) and Co. Sligo, 1989 (Bruton <i>et al.</i> , 1989). |
| ZK57 | <i>mirus</i> True, 1913                | True's Beaked Whale. Rare (Fraser, 1976).   |
| ZK58 | <i>Ziphius</i> Cuvier, 1823            |   |
| ZK59 | <i>cavirostris</i> Cuvier, 1823        | Cuvier's Beaked Whale.  |
| ZK60 | <i>Hyperoodon</i> Lacepede, 1804       |   |
| ZK61 | <i>ampullatus</i> (Forster, 1770)      | Bottle-nosed Whale.   |
| ZK62 | MYSTECETI                              |   |
| ZK63 | Balaenopteridae                        |   |
| ZK64 | <i>Balaenoptera</i> Lacepede, 1804     |   |
| ZK65 | <i>acutorostrata</i> Lacepede, 1804    | Minke Whale.  |
| ZK66 | <i>borealis</i> Lesson, 1828           | Sei Whale. Seven strandings since 1913 (Fraser, 1976).  |
| ZK67 | <i>musculus</i> (Linnaeus, 1758)       | Blue Whale, Sulphurbottom. No strandings since 1923 (Fraser, 1976).   |
| ZK68 | <i>physalus</i> (Linnaeus, 1758)       | Fin Whale, Common Rorqual.  |
| ZK69 | <i>Megaptera</i> J E Gray, 1846        |   |
| ZK70 | <i>novaeangliae</i> (Borowski, 1781)   | Humpback Whale. Two strandings and one inshore siting since 1982 (Sheldrick pers. comm.).                                   |
| ZK71 | Balaenidae                             |   |
| ZK72 | <i>Balaena</i> Linnaeus, 1758          |   |
| ZK73 | <i>glacialis</i> O F Müller, 1776      | Black Right Whale, North Atlantic Right Whale, Biscayan Right Whale. No strandings since 1913 (Fraser, 1976).               |

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# **BENTHIC RED, BROWN AND GREEN ALGAE**

compiled by

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# BENTHIC RED, BROWN AND GREEN ALGAE

## INTRODUCTION

The marine algae of the North Atlantic have been the subject of numerous taxonomic and nomenclatural changes since the last revision of the 'Check-list of British Marine Algae' (Parke & Dixon, 1976) and the 'Checklist and Distribution Index of the Benthic Marine Algae of the North Atlantic Ocean' by South & Tittley (1986). These seminal works of reference are radically different in the algae they include: Parke and Dixon's check-list included all the marine and brackish-water algae reported from the British Isles and surrounding seas, both benthic and planktonic, except for the diatoms (treated separately by Hendey, 1974), the Euglenophyta, the Eustigmatophyceae and the Rhaphidophyceae. South and Tittley's check-list, on the other hand, listed by area the benthic marine algae of the northern North Atlantic; however, only the red, brown and green seaweeds were included. Marine benthic algae, for example, belonging to the Xanthophyceae (Tribophyceae) were not listed. A similar coverage is attempted in the present work. I have, however, adopted the new division (phylum) names Rhodophycota, Chromophycota (including the Phaeophyceae and Xanthophyceae) and Chlorophycota as suggested by Silva, Basson and Moe (1996). I agree strongly with the authors that these names are necessary in that they are consistent with similar mycological names and indicate clearly that algae are in question. Descriptive, rather than typified class names are used (e.g., Phaeophyceae rather than Fucophyceae). The arrangement of green algal classes in Van den Hoek (1995) is used. In order further to facilitate the user, I have mostly adopted the ordinal and lower classification schemes employed in the series *Seaweeds of the British Isles* of which seven parts have now appeared (Dixon & Irvine, 1977; Irvine, 1983; Christensen, 1987; Fletcher, 1987; Burrows, 1991; Maggs & Hommersand, 1993; Irvine & Chamberlain, 1994).

As in the rest of the present volume, the geographical area considered is principally the islands of Britain and Ireland including the Shetland, Orkney and Channel Islands, the southern North Sea, including the north coast of Germany (notably the island of Helgoland), the Netherlands, Belgium and the northern Atlantic coast of France. When a species is not known from the British Isles, the general area in which it is distributed is described. These annotations are largely to encourage searches for these entities, some of which might be expected to occur in the British Isles. Known and possible introductions are identified as such in the annotations. It should be noted that some of the nomenclatural combinations proposed by Cremades & Pérez-Cirera (1990) have not been used here pending further clarification (see Silva, 1992).

Nomenclatural and taxonomic changes made since South and Tittley's checklist are generally identified; however, for the brown and green algae only changes made since the publication of Fletcher (1987) and Burrows (1991) are annotated. There is a small number of distributional misinterpretations in South & Tittley and, in some cases, these species have been omitted from the present list; due largely to a lack of space such occurrences are *not* noted. Nomenclatural authorities are given in full, mainly because there are several abbreviation systems and some journals require the citation of nomenclatural authorities in full. The conventions of the *International Code of Botanical Nomenclature* (Greuter 1994) are followed as far as possible; authors more conversant with the Zoological Code should note that the Botanical Code requires citation of the author making a new combination: e.g., *Laminaria hyperborea* (Gunnerus) Foslie, not *Laminaria hyperborea* (Gunnerus).

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## CLASSIFICATION

Division **RHODOPHYCOTA**

Subclass **BANGIOPHYCIDAE**

Order **PORPHYRIDIALES**

Family **Goniotrichaceae** ..... ZM5

Family **Phragmonemataceae** ..... ZM16

Family **Porphyridiaceae** ..... ZM19

Order **ERYTHROPELTIDALES**

Family **Erythropeltidaceae** ..... ZM27

Order **BANGIALES**

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|   |       |
|---|-------|
| Family <b>Bangiaceae</b> .....          | ZM50  |
| Subclass <b>FLORIDOPHYCIDAE</b>         |       |
| Order <b>ACROCHAETIALES</b>             |       |
| Family <b>Acrochaetiaceae</b> .....     | ZM68  |
| Order <b>NEMALIALES</b>                 |       |
| Family <b>Galaxauraceae</b> .....       | ZM126 |
| Family <b>Liagoraceae</b> .....         | ZM131 |
| Order <b>BONNEMAISONIALES</b>           |       |
| Family <b>Bonnemaisoniaceae</b> .....   | ZM141 |
| Family <b>Naccariaceae</b> .....        | ZM149 |
| Order <b>GELIDIALES</b>                 |       |
| Family <b>Gelidiaceae</b> .....         | ZM155 |
| Order <b>PALMARIALES</b>                |       |
| Family <b>Palmariaceae</b> .....        | ZM168 |
| Family <b>Rhodophysemataceae</b> .....  | ZM171 |
| Family <b>Rhodothamniellaceae</b> ..... | ZM180 |
| Order <b>AHNFELTIALES</b>               |       |
| Family <b>Ahnfeltiaceae</b> .....       | ZM184 |
| Order <b>HILDENBRANDIALES</b>           |       |
| Family <b>Hildenbrandiaceae</b> .....   | ZM188 |
| Order <b>CORALLINALES</b>               |       |
| Family <b>Corallinaceae</b> .....       | ZM194 |
| Order <b>HALYMENIALES</b>               |       |
| Family <b>Halymeniaceae</b> .....       | ZM282 |
| Order <b>GIGARTINALES</b>               |       |
| Family <b>Calosiphonaceae</b> .....     | ZM296 |
| Family <b>Caulacanthaceae</b> .....     | ZM302 |
| Family <b>Choreocolacaceae</b> .....    | ZM307 |
| Family <b>Cruoriaceae</b> .....         | ZM312 |
| Family <b>Cystocloniaceae</b> .....     | ZM317 |
| Family <b>Dumontiaceae</b> .....        | ZM326 |
| Family <b>Furcellariaceae</b> .....     | ZM335 |
| Family <b>Gigartinaceae</b> .....       | ZM340 |
| Family <b>Gloiosiphoniaceae</b> .....   | ZM348 |
| Family <b>Haemeschariaceae</b> .....    | ZM359 |
| Family <b>Hypneaceae</b> .....          | ZM362 |
| Family <b>Kallymeniaceae</b> .....      | ZM365 |
| Family <b>Nemastomataceae</b> .....     | ZM375 |
| Family <b>Peyssonneliaceae</b> .....    | ZM382 |
| Family <b>Phyllophoraceae</b> .....     | ZM391 |
| Family <b>Polydeaceae</b> .....         | ZM415 |
| Family <b>Schizymeniaceae</b> .....     | ZM418 |
| Family <b>Solieriaceae</b> .....        | ZM421 |
| Family <b>Sphaerococcaceae</b> .....    | ZM426 |
| Order <b>GRACILARIALES</b>              |       |
| Family <b>Gracilariaceae</b> .....      | ZM430 |
| Family <b>Pterocladophilaceae</b> ..... | ZM437 |
| Order <b>PLOCAMIALES</b>                |       |
| Family <b>Plocamiaceae</b> .....        | ZM441 |
| Order <b>RHODYMENIALES</b>              |       |
| Family <b>Champiaceae</b> .....         | ZM445 |
| Family <b>Lomentariaceae</b> .....      | ZM453 |
| Family <b>Rhodymeniaceae</b> .....      | ZM459 |
| Order <b>CERAMIALES</b>                 |       |
| Family <b>Ceramiaceae</b> .....         | ZM470 |
| Family <b>Dasyaceae</b> .....           | ZM573 |
| Family <b>Delesseriaceae</b> .....      | ZM582 |
| Family <b>Rhodomelaceae</b> .....       | ZM621 |

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Division **CHROMOPHYCOTA**

Class **PHAEOPHYCEAE**

Order **ECTOCARPALES**

|                                      |       |
|--------------------------------------|-------|
| Family <b>Ectocarpaceae</b> .....    | ZR4   |
| Family <b>Elachistaceae</b> .....    | ZR84  |
| Family <b>Lithodermataceae</b> ..... | ZR96  |
| Family <b>Myrionemataceae</b> .....  | ZR108 |
| Family <b>Sorocarpaceae</b> .....    | ZR131 |

Order **DICTYOSIPHONALES**

|                                       |       |
|---------------------------------------|-------|
| Family <b>Buffhamiaceae</b> .....     | ZR136 |
| Family <b>Dictyosiphonaceae</b> ..... | ZR139 |
| Family <b>Giraudiaceae</b> .....      | ZR144 |
| Family <b>Myriotrichiaceae</b> .....  | ZR147 |
| Family <b>Pogotrichaceae</b> .....    | ZR155 |
| Family <b>Punctariaceae</b> .....     | ZR161 |
| Family <b>Scytosiphonaceae</b> .....  | ZR182 |
| Family <b>Striariaceae</b> .....      | ZR198 |

Order **CHORDARIALES**

|                                       |       |
|---------------------------------------|-------|
| Family <b>Acrotrichaceae</b> .....    | ZR209 |
| Family <b>Chordariaceae</b> .....     | ZR212 |
| Family <b>Corynophlaeaceae</b> .....  | ZR239 |
| Family <b>Spermatochneaceae</b> ..... | ZR259 |

Order **CUTLERIALES**

|                                  |       |
|----------------------------------|-------|
| Family <b>Cutleriaceae</b> ..... | ZR267 |
|----------------------------------|-------|

Order **TILOPTERIDALES**

|                                     |       |
|-------------------------------------|-------|
| Family <b>Tilopteridaceae</b> ..... | ZR275 |
|-------------------------------------|-------|

Order **SPHACELARIALES**

|                                       |       |
|---------------------------------------|-------|
| Family <b>Choristocarpaceae</b> ..... | ZR281 |
| Family <b>Cladostephaceae</b> .....   | ZR284 |
| Family <b>Sphacelariaceae</b> .....   | ZR287 |
| Family <b>Stypocaulaceae</b> .....    | ZR303 |

Order **DICTYOTALES**

|                                  |       |
|----------------------------------|-------|
| Family <b>Dictyotaceae</b> ..... | ZR309 |
|----------------------------------|-------|

Order **SPOROCHNALES**

|                                    |       |
|------------------------------------|-------|
| Family <b>Sporochneaceae</b> ..... | ZR323 |
|------------------------------------|-------|

Order **DESMARESTIALES**

|                                      |       |
|--------------------------------------|-------|
| Family <b>Arthrocladiaceae</b> ..... | ZR329 |
| Family <b>Desmarestiaceae</b> .....  | ZR332 |

Order **LAMINARIALES**

|                                   |       |
|-----------------------------------|-------|
| Family <b>Alariaceae</b> .....    | ZR339 |
| Family <b>Chordaceae</b> .....    | ZR344 |
| Family <b>Laminariaceae</b> ..... | ZR348 |
| Family <b>Phyllariaceae</b> ..... | ZR355 |

Order **FUCALES**

|                                    |       |
|------------------------------------|-------|
| Family <b>Cystoseiraceae</b> ..... | ZR361 |
| Family <b>Fucaceae</b> .....       | ZR373 |
| Family <b>Himantaliaceae</b> ..... | ZR387 |
| Family <b>Sargassaceae</b> .....   | ZR390 |

Division **CHLOROPHYCOTA**

Class **CHLOROPHYCEAE**

Order **CHLOROCOCCALES**

|                                     |     |
|-------------------------------------|-----|
| Family <b>Chlorococcaceae</b> ..... | ZS4 |
|-------------------------------------|-----|

Order **MICROSPORALES**

|                                    |      |
|------------------------------------|------|
| Family <b>Microsporaceae</b> ..... | ZS20 |
|------------------------------------|------|

Order **PRASIOLALES**

|                                  |      |
|----------------------------------|------|
| Family <b>Prasiolaceae</b> ..... | ZS24 |
|----------------------------------|------|

Class **ULVOPHYCEAE**

Order **CODIOLALES**

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Family **Acrosiphoniaceae** ..... ZS35  
 Family **Monostromataceae** ..... ZS43  
 Family **Ulotrichaceae** ..... ZS53  
 Order **PHAEOPHILALES**  
     Family **Phaeophilaceae** ..... ZS74  
 Order **ULVALES**  
     Family **Chaetophoraceae** ..... ZS78  
     Family **Ulvaaceae** ..... ZS141  
 Class **CLADOPHOROPHYCEAE**  
     Order **CLADOPHORALES**  
         Family **Cladophoraceae** ..... ZS188  
 Class **CHLOROPHYCEAE**  
     Family **Wittrockiellaceae** ..... ZS220  
 Class **BRYOPSISIDOPHYCEAE**  
     Order **BRYOPSISDALES**  
         Family **Bryopsidaceae** ..... ZS225  
         Family **Chaetosiphonaceae** ..... ZS240  
         Family **Codiaceae** ..... ZS243  
 Class **INCERTAE SEDIS**  
     Order **CTENOCLADALES**  
         Family **Ctenocladaceae** ..... ZS254

Division **RHODOPHYCOTA**

|      |   |   |
|------|---|---|
| ZM1  | <b>RHODOPHYCOTA</b>                                     | Recommendations in Silva, Basson & Moe (1996) for higher level classification are adopted here. |
| ZM2  | <b>RHODOPHYCEAE</b>                                     |   |
| ZM3  | <b>BANGIOPHYCIDAE</b>                                   |   |
| ZM4  | <b>PORPHYRIDIALES</b>                                   |   |
| ZM5  | Goniotrichaceae   |   |
| ZM6  | <i>Chroodactylon</i> Hansgirg                           |   |
| ZM7  | <i>ornatum</i> (C Agardh) Basson                        |   |
| ZM8  | <i>Colacodictyon</i> J Feldmann                         |   |
| ZM9  | <i>reticulatum</i> (Batters) J Feldmann                 |   |
| ZM10 | <i>Goniotrichopsis</i> G Smith                          |   |
| ZM11 | <i>sublittoralis</i> G Smith                            | French coast; see Magne (1992).   |
| ZM12 | <i>Stylonema</i> Reinsch                                |   |
| ZM13 | <i>alsidii</i> (Zanardini) K Drew                       |   |
| ZM14 | <i>cornu-cervi</i> Reinsch                              |   |
| ZM15 | <i>subcoeruleum</i> (P Dangeard) M Wynne                | French coast.   |
| ZM16 | Phragmonemataceae                                       |   |
| ZM17 | <i>Neevea</i> Batters                                   |   |
| ZM18 | <i>repens</i> Batters                                   |   |
| ZM19 | Porphyridiaceae   |   |
| ZM20 | <i>Porphyridium</i> Nägeli                              |   |
| ZM21 | <i>aerugineum</i> Geitler                               | Southern North Sea.   |
| ZM22 | <i>purpureum</i> (Bory de Saint-Vincent) K Drew et Ross |   |
| ZM23 | <i>Rhodella</i> L Evans                                 |   |
| ZM24 | <i>maculata</i> L Evans                                 |   |
| ZM25 | <i>violacea</i> (Kornmann) Wehmeyer                     |   |
| ZM26 | <b>ERYTHROPELTIDALES</b>                                | Wynne (1986) uses Compsopogonales; see Silva, Basson & Moe (1996).                              |
| ZM27 | Erythropeltidaceae                                      |   |
| ZM28 | <i>Erythrocladia</i> Rosenvinge                         |   |
| ZM29 | <i>grisea</i> P Dangeard                                | French coast.   |
| ZM30 | <i>irregularis</i> Rosenvinge                           |   |
| ZM31 | <i>violacea</i> P Dangeard                              | French coast.   |
| ZM32 | <i>Erythropeltis</i> Schmitz                            |   |
| ZM33 | <i>subintegra</i> (Rosenvinge) Kornmann et Sahling      | Southern North Sea.   |
| ZM34 | <i>Erythrotrichia</i> Areschoug                         |   |
| ZM35 | <i>carnea</i> (Dillwyn) J Agardh                        |   |
| ZM36 | <i>nigrescens</i> P Dangeard                            | French coast.   |
| ZM37 | <i>pseudopulvinata</i> P Dangeard                       | French coast.   |
| ZM38 | <i>reflexa</i> (P Crouan et H Crouan) Thuret ex De Toni | French coast, southern North Sea.   |
| ZM39 | <i>simplex</i> P Dangeard                               | French coast.   |
| ZM40 | <i>welwitschii</i> (Ruprecht) Batters                   |   |
| ZM41 | <i>Porphyropsis</i> Rosenvinge                          |   |
| ZM42 | <i>coccinea</i> (J Agardh ex Areschoug) Rosenvinge      |   |
| ZM43 | <i>imperfecta</i> Kornmann et Sahling                   | Southern North Sea.   |
| ZM44 | <i>Porphyrostromium</i> Trevisan                        | Formerly <i>Erythrotrichiopeltis</i> ; see Wynne (1986).  |
| ZM45 | <i>boryana</i> (Montagne) Trevisan                      |   |
| ZM46 | <i>ciliare</i> (Carmichael ex Harvey) M Wynne           |   |
| ZM47 | <i>Sahlingia</i>  |   |
| ZM48 | <i>subintegra</i> (Rosenvinge) Kornmann                 | Synonym: <i>Erythropeltis subintegra</i> . See Kornmann (1989).                                 |

|       |   |  |   |
|-------|---|--|---|
| ZM49  | <b>BANGIALES</b>                                    |  |   |
| ZM50  | Bangiaceae  |  |   |
| ZM51  | <i>Bangia</i> Lyngbye                               |  |   |
| ZM52  | <i>atropurpurea</i> (Roth) C Agardh                 |  |   |
| ZM53  | <i>Porphyra</i> C Agardh                            |  |   |
| ZM54  | <i>amethystea</i> Kützing                           |  | British Isles records doubtful; requires reinvestigation.   |
| ZM55  | <i>drachii</i> J Feldmann                           |  | Now reported for British Isles (J. Brodie, pers. comm.).  |
| ZM56  | <i>insolita</i> Kornmann et Sahling                 |  | Helgoland; see Kornmann & Sahling (1991).   |
| ZM57  | <i>laciniata</i> (Lightfoot) C Agardh               |  | Relationship with <i>P. purpurea</i> requires further investigation; see Kornmann & Sahling (1991).   |
| ZM58  | <i>leucosticta</i> Thuret                           |  | See Kornmann & Sahling (1991).  |
| ZM59  | <i>linearis</i> Greville                            |  | Requires taxonomic reinvestigation.   |
| ZM60  | <i>miniata</i> (C Agardh) J Agardh                  |  | Requires taxonomic reinvestigation; some populations may represent <i>P. amplissima</i> (Kjellman) Setchell et Hus in Hus (see Bird & McLachlan, 1992). |
| ZM61  | <i>ochotensis</i> Nagai                             |  | Helgoland; requires further taxonomic investigation; see Kornmann & Sahling (1991).   |
| ZM62  | <i>purpurea</i> (Roth) C Agardh                     |  | Requires taxonomic reinvestigation; see Kornmann & Sahling (1991).  |
| ZM63  | <i>purpureo-violacea</i> (Roth) Krishnamurthy       |  | Helgoland; requires further taxonomic investigation; see Kornmann & Sahling (1991).   |
| ZM64  | <i>umbilicalis</i> (Linnaeus) Kützing               |  |   |
| ZM65  | <i>yezoensis</i> Ueda                               |  | Helgoland (Kornmann, 1986); a probable introduction. Requires further investigation.  |
| ZM66  | <b>FLORIDEOPHYCIDAE</b>                             |  |   |
| ZM67  | <b>ACROCHAETIALES</b>                               |  |   |
| ZM68  | Acrochaetiaceae                                     |  |   |
| ZM69  | <i>Audouinella</i> Bory                             |  | Generic concepts remain unstable. Recent authors still do not agree. Many species need further investigation. See Garbary (1987).                       |
| ZM70  | <i>alariae</i> (Jónsson) Woelkerling                |  |   |
| ZM71  | <i>asparagopsis</i> (Chemin) Dixon                  |  |   |
| ZM72  | <i>attenuata</i> (Rosenvinge) Garbary               |  |   |
| ZM73  | <i>battersiana</i> (Hamel) Dixon                    |  |   |
| ZM74  | <i>bonnemaisoniae</i> (Batters) Dixon               |  |   |
| ZM75  | <i>boryana</i> Abdel-Rahman et Magne                |  | French coast.   |
| ZM76  | <i>botryocarpa</i> (Harvey) Woelkerling             |  | See Guiry, Kee & Garbary (1987).  |
| ZM77  | <i>brebneri</i> (Batters) Dixon                     |  |   |
| ZM78  | <i>caespitosa</i> (J Agardh) Dixon                  |  |   |
| ZM79  | <i>chylocladiae</i> (Batters) Dixon                 |  |   |
| ZM80  | <i>codicola</i> Børgeesen                           |  | French coast. See Bidoux & Magne (1989).  |
| ZM81  | <i>codii</i> P Crouan et H Crouan                   |  | French coast.   |
| ZM82  | <i>conchicola</i> (Lami) South et Tittley           |  | French coast.   |
| ZM83  | <i>concrescens</i> (K Drew) Dixon                   |  | Requires re-investigation as to ordinal placement.  |
| ZM84  | <i>corymbifera</i> (Thuret) Dixon                   |  |   |
| ZM85  | <i>daviesii</i> (Dillwyn) Woelkerling               |  |   |
| ZM86  | <i>densa</i> (K Drew) Garbary                       |  |   |
| ZM87  | <i>efflorescens</i> (J Agardh) Papenfuss            |  |   |
| ZM88  | <i>endophytica</i> (Batters) Dixon                  |  |   |
| ZM89  | <i>endozoica</i> (Darbishire) Dixon                 |  |   |
| ZM90  | <i>gynandra</i> (Rosenvinge) Garbary                |  | Danish and French coasts.   |
| ZM91  | <i>humilis</i> (Rosenvinge) Garbary                 |  |   |
| ZM92  | <i>immersa</i> (Rosenvinge) South et Tittley        |  | French coast.   |
| ZM93  | <i>infestans</i> (Howe et Hoyt) Dixon               |  |   |
| ZM94  | <i>irregularis</i> (Reinsch) South et Tittley       |  |   |
| ZM95  | <i>kuckuckiana</i> (Hamel) South et Tittley         |  | Southern North Sea and French coasts.   |
| ZM96  | <i>lanuginosa</i> (Dillwyn) South et Tittley        |  |   |
| ZM97  | <i>leptonema</i> (Rosenvinge) Garbary               |  |   |
| ZM98  | <i>lorrain-smithiae</i> (Lyle) Dixon                |  |   |
| ZM99  | <i>maluina</i> (Hamel) Garbary                      |  | French coast.   |
| ZM100 | <i>membranacea</i> (Magnus) Papenfuss               |  |   |
| ZM101 | <i>microfila</i> (Jao) South et Tittley             |  |   |
| ZM102 | <i>microscopica</i> (Nägeli ex Kützing) Woelkerling |  |   |
| ZM103 | <i>minima</i> (F Collins) South                     |  |   |
| ZM104 | <i>moniliformis</i> (Rosenvinge) Garbary            |  | French coast.   |
| ZM105 | <i>nemalionis</i> (De Notaris ex Dufour) Dixon      |  |   |
| ZM106 | <i>parvula</i> (Kylin) Dixon                        |  |   |
| ZM107 | <i>pectinata</i> (Kylin) Papenfuss                  |  | French coast.   |
| ZM108 | <i>polyblasta</i> (Rosenvinge) Price                |  |   |
| ZM109 | <i>pulverea</i> (Nägeli) South et Tittley           |  |   |
| ZM110 | <i>purpurea</i> (Lightfoot) Woelkerling             |  | See Bidoux & Magne (1989).  |
| ZM111 | <i>rosulata</i> (Rosenvinge) Dixon                  |  |   |
| ZM112 | <i>sanctae-mariae</i> (Darbishire) Dixon            |  |   |
| ZM113 | <i>saviana</i> (Meneghini) Woelkerling              |  |   |
| ZM114 | <i>scapae</i> (Lyle) Dixon                          |  |   |
| ZM115 | <i>secundata</i> (Lyngbye) Dixon                    |  |   |
| ZM116 | <i>seiriolana</i> (Harvey-Gibson) Dixon             |  |   |
| ZM117 | <i>sparsa</i> (Harvey) Dixon                        |  |   |
| ZM118 | <i>stilophorae</i> (Levring) South et Tittley       |  | Swedish and French coast.   |
| ZM119 | <i>subtilissima</i> (Kützing) Garbary               |  | French coast.   |
| ZM120 | <i>unifila</i> (Jao) Woelkerling                    |  | French coast.   |
| ZM121 | <i>velutina</i> (Hauck) South et Tittley            |  | French coast.   |
| ZM122 | <i>virgatula</i> (Harvey) Dixon                     |  |   |

- ZM123 *Schmitziella* Bornet et Batters  
Taxonomic placement requires investigation; see Woelkerling & Irvine (1982).
- ZM124 *endophloea* Bornet et Batters
- ZM125 **NEMALIALES**
- ZM126 Galaxauraceae
- ZM127 *Scinaia* Bivona-Bernardi
- ZM128 *complanata* (F Collins) Cotton
- ZM129 *furcellata* (Turner) J Agardh
- ZM130 *trigona* (Clemente y Rubio) Trevisan
- ZM131 Liagoraceae
- ZM132 *Helminthocladia* J Agardh
- ZM133 *calvadosii* (Lamouroux ex Duby) Setchell
- ZM134 *Helminthora* J Agardh
- ZM135 *divaricata* (C Agardh) J Agardh  
Synonym: *H. stackhousei* in Cunningham, Guiry & Breeman (1993).
- ZM136 *Liagora* Lamouroux
- ZM137 *viscida* (Forsskål) C Agardh  
French coast.
- ZM138 *Nemalion* Duby
- ZM139 *helminthoides* (Velley) Batters
- ZM140 **BONNEMAISONIALES**
- ZM141 Bonnemaisoniaceae
- ZM142 *Asparagopsis* Montagne
- ZM143 *armata* Harvey  
An introduced species; see Guiry & Dawes (1992).
- ZM144 *Bonnemaisonia* C Agardh
- ZM146 *asparagoides* (Woodward) C Agardh
- ZM147 *clavata* Hamel  
French coast. Also noted by Dixon & Irvine (1977) from Cornwall but not recently reported. Specific status requires reinvestigation.
- ZM148 *hamifera* Hariot  
Introduced from Japan or adjacent waters.
- ZM149 Naccariaceae
- ZM150 *Atractophora* P Crouan et H Crouan
- ZM151 *hypnoides* P Crouan et H Crouan
- ZM152 *Naccaria* Endlicher
- ZM153 *wiggii* (Turner) Endlicher
- ZM154 **GELIDIALES**
- ZM155 Gelidiaceae
- ZM156 *Gelidium* Lamouroux
- ZM157 *crinale* (Turner) Gaillon
- ZM158 *latifolium* (Greville) Bornet
- ZM159 *pulchellum* (Turner) Kützing
- ZM160 *pusillum* (Stackhouse) Le Jolis
- ZM161 *sesquipedale* (Clemente y Rubio) Turner
- ZM162 *Gelidiella* J Feldmann et G Hamel
- ZM163 *calciicola* Maggs et Guiry
- ZM164 *pannosa* (J Feldmann) J Feldmann et G Hamel
- ZM165 *Pterocladia* J Agardh
- ZM166 *capillacea* (S Gmelin) Bornet
- ZM167 **PALMARIALES**
- ZM168 Palmariaceae
- ZM169 *Palmaria* Stackhouse
- ZM170 *palmata* (Linnaeus) Kuntze
- ZM171 Rhodophysemataceae
- ZM172 *Halosacciocolax* S Lund
- ZM173 *kjellmanii* S Lund
- ZM174 *Meiodiscus* Saunders et McLachlan
- ZM175 *spetsbergensis* (Kjellman) Saunders et McLachlan  
See Saunders & McLachlan (1989).  
Synonym: *H. lundii*.
- ZM176 *Rhodophysema* Batters
- ZM177 *elegans* (P Crouan et H Crouan ex J Agardh) Dixon
- ZM179 *georgii* Batters
- ZM180 Rhodothamniellaceae
- ZM181 *Rhodothamniella* J Feldmann
- ZM182 *floridula* (Dillwyn) J Feldmann  
Synonyms: *Rhodochorton floridulum*; *Audouinella floridula*.  
See Maggs & Poeschel (1989).
- ZM183 **AHNFELTIALES**
- ZM184 Ahnfeltiaceae
- ZM185 *Ahnfeltia* Fries
- ZM186 *plicata* (Hudson) Fries  
See Maggs, McLachlan & Saunders (1989).
- ZM187 **HILDENBRANDIALES**
- ZM188 Hildenbrandiaceae
- ZM189 *Hildenbrandia* Nardo
- ZM190 *canariensis* Børgesen
- ZM191 *crouanii* J Agardh
- ZM192 *rubra* (Sommerfelt) Meneghini
- ZM193 **CORALLINALES**  
See Irvine & Chamberlain (1994) for a recent revision. Generic concepts probably

|       |                       |  |  |
|-------|-----------------------|--|--|
| ZM194 | Corallinaceae         |  | require further revision; those of Irvine & Chamberlain (1994) largely adopted here.   |
| ZM195 | <i>Amphiroa</i>       | Lamouroux                                      |  |
| ZM196 | <i>cryptarthrodia</i> | Zanardini                                      | Record from the coast of France doubtful; requires reinvestigation.  |
| ZM197 | <i>rigida</i>         | Lamouroux                                      | French coast north to the Gulf of Gascogne.  |
| ZM198 | <i>Boreolithon</i>    | A Harvey et Woelkerling                        |  |
| ZM199 | <i>van-heurckii</i>   | (Heydrich) A Harvey et Woelkerling             | See A Harvey & Woelkerling (1995).   |
| ZM200 | <i>Choreonema</i>     | Schmitz  |  |
| ZM201 | <i>thuretii</i>       | (Bornet) Schmitz                               |  |
| ZM202 | <i>Corallina</i>      | Linnaeus                                       |  |
| ZM204 | <i>elongata</i>       | Ellis et Solander                              | Includes <i>Corallina mediterranea</i> .   |
| ZM205 | <i>officinalis</i>    | Linnaeus                                       |  |
| ZM206 | <i>Exilicrusta</i>    | Chamberlain                                    |  |
| ZM207 | <i>parva</i>          | Chamberlain                                    | See Irvine & Chamberlain (1994).   |
| ZM208 | <i>Halphtilon</i>     | Decaisne                                       |  |
| ZM209 | <i>squamatum</i>      | (Linnaeus) Johansen, L Irvine et Webster       |  |
| ZM210 | <i>virgatum</i>       | (Zanardini) Garbary et Johansen                | Reports from the British Isles, as <i>Corallina granifera</i> , are incorrect (Irvine & Chamberlain, 1994). Northern limit is probably Portugal.<br>See Irvine & Chamberlain (1994) for a recent revision.<br>See Irvine & Chamberlain (1994). |
| ZM211 | <i>Hydrolithon</i>    | Foslie   |  |
| ZM212 | <i>boreale</i>        | (Foslie) Chamberlain                           |  |
| ZM213 | <i>cruciatum</i>      | (Bressan) Chamberlain                          |  |
| ZM214 | <i>farinosum</i>      | (Lamouroux) Penrose et Chamberlain             | Includes <i>Fosliella farinosa</i> .   |
| ZM215 | <i>samoense</i>       | (Foslie) D Keats et Chamberlain                |  |
| ZM216 | <i>sargassi</i>       | (Foslie) Chamberlain                           | May be a "thick" form of <i>H. farinosum</i> .   |
| ZM217 | <i>Jania</i>          | Lamouroux                                      |  |
| ZM218 | <i>longifurca</i>     | Zanardini                                      | French coast.  |
| ZM220 | <i>rubens</i>         | (Linnaeus) Lamouroux                           | Includes <i>J. corniculata</i> , <i>J. nitidula</i> and <i>Corallina elegans</i> ; see Irvine & Chamberlain (1994).  |
| ZM221 | <i>Leptophytum</i>    | Adey   | Düwel & Wegeberg (1996) have found that <i>Leptophytum</i> is a nomenclatural synonym of <i>Phymatolithon</i> .  |
| ZM222 | <i>bornetii</i>       | (Foslie) Adey                                  |  |
| ZM223 | <i>elatum</i>         | Chamberlain                                    |  |
| ZM224 | <i>Lithophyllum</i>   | Philippi                                       |  |
| ZM225 | <i>crouanii</i>       | Foslie   | Synonym: <i>Dermatolithon crouanii</i> . See Irvine & Chamberlain (1994).  |
| ZM226 | <i>dentatum</i>       | (Kützing) Foslie                               | Known in the British Isles only from counties Cork, Galway and Mayo (Irvine & Chamberlain, 1994).  |
| ZM227 | <i>duckeri</i>        | Woelkerling                                    | Known in the British Isles only from Cornwall (Irvine & Chamberlain, 1994).  |
| ZM229 | <i>fasciculatum</i>   | (Lamarck) Foslie                               |  |
| ZM230 | <i>hibernicum</i>     | Foslie   | Known in the British Isles only from Co. Galway (Irvine & Chamberlain, 1994).  |
| ZM231 | <i>incrustans</i>     | Philippi                                       |  |
| ZM232 | <i>nitorum</i>        | Adey et P Adey                                 |  |
| ZM233 | <i>orbiculatum</i>    | (Foslie) Foslie                                |  |
| ZM234 | <i>vickersii</i>      | Lemoine  | French coast.  |
| ZM235 | <i>Lithothamnion</i>  | Heydrich                                       |  |
| ZM236 | <i>corallioides</i>   | P Crouan et H Crouan                           | Synonym: <i>L. solutum</i> Foslie.   |
| ZM237 | <i>glaciale</i>       | Kjellman                                       | Synonym: <i>L. granii</i> .  |
| ZM239 | <i>hamelii</i>        | Lemoine  | French coast.  |
| ZM240 | <i>lemoineae</i>      | Adey   | See Irvine & Chamberlain (1994).   |
| ZM241 | <i>norvegicum</i>     | (Areschoug) Kjellman                           |  |
| ZM243 | <i>sonderi</i>        | Hauck  |  |
| ZM244 | <i>subtenellum</i>    | (Foslie) Lemoine                               | French coast.  |
| ZM245 | <i>Melobesia</i>      | Lamouroux                                      |  |
| ZM246 | <i>membranacea</i>    | (Esper) Lamouroux                              |  |
| ZM247 | <i>Mesophyllum</i>    | Lemoine  |  |
| ZM248 | <i>lichenoides</i>    | (Ellis) Lemoine                                | Synonym: <i>Lithophyllum expansum</i> (as to type).  |
| ZM249 | <i>Neogoniolithon</i> | Setchell et Mason                              |  |
| ZM250 | <i>absimile</i>       | (Foslie et Howe) Cabioch                       | French coast.  |
| ZM251 | <i>notarisii</i>      | (Dufour) Hamel et Lemoine                      | French coast.  |
| ZM252 | <i>Phymatolithon</i>  | Foslie   | Included in <i>Lithothamnion</i> by French authors.  |
| ZM253 | <i>bisporum</i>       | (Foslie) Afonso-Carillo                        | French coast.  |
| ZM254 | <i>brunneum</i>       | Chamberlain                                    |  |
| ZM255 | <i>calcareum</i>      | (Pallas) Adey et McKibbin                      | Synonym: <i>P. polymorphum</i> .   |
| ZM256 | <i>laevigatum</i>     | (Foslie) Foslie                                |  |
| ZM257 | <i>lamii</i>          | (Lemoine) Chamberlain                          | Synonyms: <i>P. rugulosum</i> ; <i>Lithophyllum melobesioides</i> .  |
| ZM258 | <i>lenormandii</i>    | (Areschoug) Adey                               |  |
| ZM259 | <i>purpureum</i>      | (P Crouan et H Crouan) Woelkerling et L Irvine | Synonym: <i>P. polymorphum</i> .   |
| ZM260 | <i>tenue</i>          | (Rosenvinge) Düwel et Wegeberg                 | Includes <i>Leptophytum laeve</i> ; see Düwel & Wegeberg (1996).   |
| ZM261 | <i>Pneophyllum</i>    | Kützing  |  |
| ZM262 | <i>caulerpae</i>      | (P Crouan et H Crouan) P Jones et Woelkerling  | Synonyms: <i>P. zonale</i> ; <i>P. rosanoffii</i> .  |
| ZM264 | <i>confervicola</i>   | (Kützing) Chamberlain                          |  |
| ZM265 | <i>fragile</i>        | Kützing  | Synonyms: <i>P. lejolisii</i> ; <i>P. microsporum</i> .  |
| ZM266 | <i>limitatum</i>      | (Foslie) Chamberlain                           |  |
| ZM267 | <i>lobescens</i>      | Chamberlain                                    | Synonym: <i>P. plurivalidum</i> .  |
| ZM269 | <i>myriocarpum</i>    | (P Crouan et H Crouan) Chamberlain             | Synonym: <i>P. concolium</i> .   |
| ZM272 | <i>Titanoderma</i>    | Nägeli   | See Chamberlain, Irvine & Walker (1991).   |

- ZM274 *corallinae* (P Crouan et H Crouan) Woelkerling, Chamberlain et P Silva  
 ZM275 *cystoseirae* (Hauck) Huvé  
 ZM279 *pustulatum* (Lamouroux) Nägeli
- Species recently revised by Chamberlain (1993).  
 French coast; see Irvine & Chamberlain (1994, p89).  
 Synonyms: *T. confine*; *T. hapaloides*; *T. litorale*; *T. macrocarpum*; *T. verrucatum*.  
 See Irvine & Chamberlain (1994, p89).  
 See Saunders & Kraft (1996).
- ZM281 **HALYMENIALES**  
 ZM282 Halymeniaceae  
 ZM283 *Cryptonemia* J Agardh  
 ZM284 *hibernica* Guiry et L Irvine  
 ZM285 *lomation* (Bertoloni) J Agardh  
 ZM286 *seminervis* (C Agardh) J Agardh  
 ZM287 *Dermocorynus* P Crouan et H Crouan  
 ZM288 *montagnei* P Crouan et H Crouan  
 ZM289 *Grateloupia* C Agardh  
 ZM290 *dichotoma* J Agardh  
 ZM291 *doryphora* (Montagne) Howe  
 ZM292 *filicina* (Lamouroux) C Agardh  
 ZM293 *Halymenia* C Agardh  
 ZM294 *latifolia* P Crouan et H Crouan ex Kützing
- ZM295 **GIGARTINALES**  
 ZM296 Calosiphonaceae  
 ZM297 *Calosiphonia* P Crouan et H Crouan  
 ZM298 *vermicularis* (J Agardh) Schmitz  
 ZM299 *Schmitzia* P Silva  
 ZM300 *hiscockiana* Maggs et Guiry  
 ZM301 *neapolitana* (Berthold) Lagerheim ex P Silva  
 ZM302 Caulacanthaceae  
 ZM303 *Catenella* Greville  
 ZM304 *caespitosa* (Withering) L Irvine  
 ZM305 *Caulacanthus* Kützing  
 ZM306 *ustulatus* (Turner) Kützing
- French coast; see Rio & Cabioch (1988).  
 May also occur on the south coast of England.
- ZM307 Choreocolacaceae  
 ZM308 *Choreocolax* Reinsch  
 ZM309 *polysiphoniae* Reinsch  
 ZM310 *Harveyella* Schmitz et Reinke  
 ZM311 *mirabilis* (Reinsch) Schmitz et Reinke  
 ZM312 Cruoriaceae  
 ZM313 *Cruoria* Fries  
 ZM314 *cruoriaeformis* (P Crouan et H Crouan) Denizot  
 ZM315 *pellita* (Lyngbye) Fries  
 ZM317 Cystocloniaceae  
 ZM318 *Calliblepharis* Kützing  
 ZM319 *ciliata* (Hudson) Kützing  
 ZM320 *jubata* (Goodenough et Woodward) Kützing  
 ZM321 *Cystoclonium* Kützing  
 ZM322 *purpureum* (Hudson) Batters  
 ZM323 *Rhodophyllis* Kützing  
 ZM324 *divaricata* (Stackhouse) Papenfuss  
 ZM325 *divaricata* var. *wernerii* Dangeard
- Provisional name; requires further investigation.
- ZM326 Dumontiaceae  
 ZM327 *Dilsea* Stackhouse  
 ZM328 *camosa* (Schmidel) Kuntze  
 ZM329 *Dudresnaya* P Crouan et H Crouan  
 ZM330 *verticillata* (Withering) Le Jolis  
 ZM331 *Dumontia* Lamouroux  
 ZM332 *contorta* (S Gmelin) Ruprecht  
 ZM333 *Pikea* Harvey  
 ZM334 *californica* Harvey
- An introduced species; see Maggs & Guiry (1987b).
- ZM335 Furcellariaceae  
 ZM336 *Furcellaria* Lamouroux  
 ZM337 *lumbricalis* (Hudson) Lamouroux  
 ZM338 *Halarachnion* Kützing  
 ZM339 *ligulatum* (Woodward) Kützing  
 ZM340 Gigartinaceae  
 ZM341 *Chondracanthus*  
 ZM342 *acicularis* (Roth) Fredericq  
 ZM343 *teedei* (Mertens ex Roth) Kützing
- See Hommersand *et al.* (1993) for a revision of generic concepts.  
 Synonyms: *Gigartina falcata*; *Gigartina acicularis*.  
 Synonym: *Gigartina teedei*. See Silva, Basson & Moe (1996) for a change in the orthography of the specific epithet.
- ZM344 *Chondrus* Stackhouse  
 ZM345 *crispus* Stackhouse  
 ZM346 *Gigartina* Stackhouse  
 ZM347 *pistillata* (S Gmelin) Stackhouse  
 ZM348 Gloiosiphoniaceae  
 ZM349 *Cruoriopsis* Dufour  
 ZM350 *danica* Rosenvinge
- Southern North Sea. May represent a life-history phase of *Gloiosiphonia capillaris*.
- ZM351 *Gloiosiphonia* Carmichael ex Berkeley  
 ZM352 *capillaris* (Hudson) Carmichael ex Berkeley  
 ZM353 *Plagiospora* Kuckuck  
 ZM354 *gracilis* Kuckuck  
 ZM355 *Schimmelmanna* Schousboe ex Kützing



|       |  |   |
|-------|--|---|
| ZM356 | <i>ornata</i> Schousboe ex Kützing                         | French coast.   |
| ZM357 | <i>Thuretella</i> Schmitz                                  |   |
| ZM358 | <i>schousboei</i> (Turpin) Schmitz                         | French coast.   |
| ZM359 | Haemeschariaceae   | See Wilce & Maggs (1989).   |
| ZM360 | <i>Haemescharia</i> Kjellman                               |   |
| ZM361 | <i>hennedyi</i> (Harvey) K Vinogradova et T Jacovleva      | Synonym: <i>Petrocelis hennedyi</i> ; see Wilce & Maggs (1989).   |
| ZM362 | Hypneaceae   |   |
| ZM363 | <i>Hypnea</i> Lamouroux                                    |   |
| ZM364 | <i>musciiformis</i> (Wulfen) Lamouroux                     | French coast. May occur on the south coast of England.  |
| ZM365 | Kallymeniaceae   |   |
| ZM366 | <i>Callocolax</i> Schmitz et Batters                       |   |
| ZM367 | <i>neglectus</i> Schmitz ex Batters                        |   |
| ZM368 | <i>Callophyllis</i> Kützing                                |   |
| ZM369 | <i>cristata</i> (Linnaeus ex Turner) Kützing               |   |
| ZM370 | <i>laciniata</i> (Hudson) Kützing                          |   |
| ZM371 | <i>Kallymenia</i> J Agardh                                 |   |
| ZM372 | <i>reniformis</i> (Turner) J Agardh                        |   |
| ZM373 | <i>Meredithia</i> J Agardh                                 |   |
| ZM374 | <i>microphylla</i> (J Agardh) J Agardh                     |   |
| ZM375 | Nemastomataceae  | Synonym: Gymnophloeaceae; see Millar & Guiry (1989) and Silva (1993).   |
| ZM376 | <i>Itonoa</i> Masuda et Guiry                              |   |
| ZM377 | <i>marginifera</i> (J Agardh) Masuda et Guiry              | Synonym: <i>Platoma marginiferum</i> ; see Masuda & Guiry (1995).   |
| ZM378 | <i>Nemastoma</i> J Agardh                                  |   |
| ZM379 | <i>canariensis</i> (Kützing) J Agardh                      | Sterile specimens resembling this species have been collected at Lough Hyne (Ine), Co Cork, Ireland (Guiry & Maggs, unpubl.).   |
| ZM380 | <i>Tsengia</i> K C Fan et Y P Fan                          |   |
| ZM381 | <i>bairdii</i> (Farlow) K C Fan et Y P Fan                 | Synonym: <i>Platoma bairdii</i> ; see Fan & Fan (1962) and Masuda & Guiry (1994).   |
| ZM382 | Peyssonneliaceae   |   |
| ZM383 | <i>Peyssonnelia</i> Decaisne                               |   |
| ZM384 | <i>armorica</i> (P Crouan et H Crouan) Weber-van Bosse     | Synonym: <i>Crouriella armorica</i> .   |
| ZM385 | <i>atropurpurea</i> P Crouan et H Crouan                   |   |
| ZM386 | <i>dubyi</i> P Crouan et H Crouan                          |   |
| ZM387 | <i>harveyana</i> P Crouan et H Crouan ex Agardh            |   |
| ZM388 | <i>immersa</i> Maggs et L Irvine                           |   |
| ZM389 | <i>rubra</i> (Greville) J Agardh                           | French coast.   |
| ZM390 | <i>squamaria</i> (S Gmelin) Decaisne                       | French coast.   |
| ZM391 | Phylloporaceae   | Includes Petrocelidaceae.   |
| ZM392 | <i>Ahnfeltiopsis</i> P Silva et DeCew                      | See Silva & DeCew (1992).   |
| ZM393 | <i>devoniensis</i> (Greville) P Silva et DeCew             | Synonym: <i>Gymnogongrus devoniensis</i> . Includes two, or perhaps three, species in the British Isles, one of which may be non-native. See Silva & DeCew (1992) and Parsons <i>et al.</i> (1990). |
| ZM394 | <i>Coccotylus</i> Kützing                                  |   |
| ZM395 | <i>truncata</i> (Pallas) M Wynne et J Heine                | Synonym: <i>Phyllophora truncata</i> ; see Wynne & Heine (1992).  |
| ZM396 | <i>Ceratocolax</i> Rosenvinge                              |   |
| ZM397 | <i>hartzii</i> Rosenvinge                                  |   |
| ZM398 | <i>Erythrodermis</i>                                       |   |
| ZM399 | <i>traillii</i> (Holmes ex Batters) Guiry et Garbary       | Synonym: <i>Phyllophora traillii</i> ; see Maggs (1989) and Guiry & Garbary (1990).   |
| ZM400 | <i>Gymnogongrus</i> Martius                                |   |
| ZM401 | <i>crenulatus</i> (Turner) J Agardh                        |   |
| ZM402 | <i>griffithsiae</i> (Turner) Martius                       |   |
| ZM404 | <i>Mastocarpus</i> Kützing                                 |   |
| ZM405 | <i>stellatus</i> (Stackhouse) Guiry                        | Synonyms: <i>Gigartina stellata</i> ; sporophytic crust formerly <i>Petrocelis cruenta</i> .  |
| ZM406 | <i>Phyllophora</i> Greville                                |   |
| ZM407 | <i>crispa</i> (Hudson) Dixon                               |   |
| ZM408 | <i>heredia</i> (Clemente y Rubio) J Agardh                 | French coast.   |
| ZM409 | <i>pseudoceranoides</i> (S Gmelin) Newroth et A R A Taylor |   |
| ZM410 | <i>sicula</i> (Kützing) Guiry et L Irvine                  |   |
| ZM411 | <i>Schottera</i> Guiry et Hollenberg                       |   |
| ZM412 | <i>nicaeensis</i> (Lamouroux ex DUBY) Guiry et Hollenberg  |   |
| ZM413 | <i>Stenogramme</i> Harvey                                  |   |
| ZM414 | <i>interrupta</i> (C Agardh) Montagne ex Harvey            |   |
| ZM415 | Polyideaceae   |   |
| ZM416 | <i>Polyides</i> C Agardh                                   |   |
| ZM417 | <i>rotundus</i> (Hudson) Greville                          |   |
| ZM418 | Schizymeniaceae  | See Masuda & Guiry (1995).  |
| ZM419 | <i>Schizymenia</i> J Agardh                                |   |
| ZM420 | <i>dubyi</i> (Chauvin ex DUBY) J Agardh                    |   |
| ZM421 | Solieriaceae   |   |
| ZM422 | <i>Agardhiella</i> Schmitz                                 |   |
| ZM423 | <i>subulata</i> (C Agardh) Kraft et Wynne                  | May be an introduced species.   |
| ZM424 | <i>Solieria</i> J Agardh                                   |   |
| ZM425 | <i>chordalis</i> (C Agardh) J Agardh                       | May be an introduced species.   |
| ZM426 | Sphaerococcaceae   |   |
| ZM427 | <i>Sphaerococcus</i> Stackhouse                            |   |
| ZM428 | <i>coronopifolius</i> Stackhouse                           | Includes <i>Haematocelis fissurata</i> ; see Maggs & Guiry (1982b). See Fredericq & Hommersand (1989a).   |
| ZM429 | <b>GRACILARIALES</b>                                       |   |
| ZM430 | Gracilariaceae   |   |
| ZM431 | <i>Gracilaria</i> Greville                                 |   |
| ZM432 | <i>bursa-pastoris</i> (S Gmelin) P Silva                   | Requires further investigation as to species  |

- ZM433 *gracilis* (Stackhouse) Steentoft, L Irvine & Farnham  
limits. Only unattached plants known from Ireland.  
Includes populations formerly identified as *G. verrucosa* (Hudson) Papenfuss and as *G. confervoides* (Stackhouse) Greville. See Steentoft *et al.* (1995). Known from southern Norway southwards to northern Spain.
- ZM434 *multipartita* (Clemente y Rubio) Harvey  
Previously *G. foliifera* as delimited by authors in the NE Atlantic. Only unattached plants known from Ireland.
- ZM435 *Gracilariopsis* Dawson  
ZM436 *longissima* (S Gmelin) Steentoft, L Irvine & Farnham  
Records of *G. lemaneiformis* (Bory) Dawson from Britain (Fredericq & Hommersand, 1989b) have been rejected by Steentoft *et al.* (1995). Specimens of *G. longissima* were previously included in *Gracilaria verrucosa*; see Steentoft *et al.* (1995). Known also from France and Spain. See Fredericq & Hommersand (1989a).
- ZM437 Pterocladophilaceae  
ZM438 *Holmsella* Sturch  
ZM439 *pachyderma* (Reinsch) Sturch  
ZM440 **PLOCAMIALES**  
ZM441 Plocamiaceae  
ZM442 *Plocamium* Lamouroux  
ZM443 *cartilagineum* (Linnaeus) Dixon  
ZM444 **RHODYMENIALES**  
ZM445 Champiaceae  
ZM446 *Champia* Desvaux  
ZM447 *parvula* (C Agardh) Harvey  
ZM448 *Chylocladia* Greville  
ZM449 *verticillata* (Lightfoot) Bliding  
ZM450 *Gastroclonium* Kützing  
ZM451 *ovatum* (Hudson) Papenfuss  
ZM452 *reflexum* (Chauvin) Kützing  
ZM453 Lomentariaceae  
ZM454 *Lomentaria* Lyngbye  
ZM455 *articulata* (Hudson) Lyngbye  
ZM456 *clavellosa* (Turner) Gaillon  
ZM457 *hakodatensis* Yendo  
A probable introduction from Japan or adjacent waters; see Cabioch & Magne (1987).
- ZM458 *orcadensis* (Harvey) Collins ex Taylor  
ZM459 Rhodymeniaceae  
ZM460 *Cordylecladia* J Agardh  
ZM461 *erecta* (Greville) J Agardh  
ZM462 *Rhodymeria* Greville  
ZM463 *ardissonei* J Feldmann  
ZM464 *coespitosella* L'Hardy-Halos  
ZM465 *delicatula* P Dangeard  
ZM466 *holmesii* Ardissonne  
ZM467 *phylloides* L'Hardy-Halos  
See Brodie & Guiry (1988).  
French coast.  
French coast. May be part of *R. delicatula*; see Guiry (1977).
- ZM468 *pseudopalmeta* (Lamouroux) P Silva  
ZM469 **CERAMIALES**  
Ceramiaceae  
ZM470 *Aglaothamnion* Feldmann-Mazoyer  
ZM471 *bipinnatum* (P Crouan et H Crouan) Feldmann-Mazoyer  
ZM472 *byssoides* (Arnott ex Harvey) L'Hardy-Halos et Rueness  
ZM473 *chadefaudii* L'Hardy-Halos  
ZM474 *cordatum* Børgesen  
ZM475 *diaphanum* L'Hardy-Halos et Maggs  
ZM476 *feldmanniae* Halos  
ZM477 *gallicum* (Nägeli) Halos ex Ardré  
ZM478 *hookeri* (Dillwyn) Maggs et Hommersand  
ZM479 *priceanum* Maggs, Guiry et Rueness  
ZM480 *pseudobyssoides* (P Crouan et H Crouan) Halos  
ZM481 *roseum* (Roth) Maggs et L'Hardy-Halos  
ZM482 *sepositum* (Gunnerus) Maggs et Hommersand  
ZM483 *tripinnatum* (C Agardh) Feldmann-Mazoyer  
ZM484 *Anotrichium* Nägeli  
ZM485 *barbatum* (C Agardh) Nägeli  
ZM486 *furcellatum* (J Agardh) Baldock  
ZM487 *Antithamnion* Nägeli  
ZM488 *cruciatum* (C Agardh) Nägeli  
ZM489 *densum* (Suhr) Howe  
Synonym: *Griffithsia barbata*.  
Synonym: *A. defectum*; see Guiry & Maggs (1991).  
French coast.  
See Maggs & Hommersand (1993).
- ZM490 *tenuissimum* (Hauck) Schiffner  
ZM491 *villosum* (Kützing) Athanasiadis  
ZM492 *Antithamnionella* Lyle  
ZM493 *elegans* (Berthold) J Price et D John  
ZM494 *floccosa* (O F Müller) Whittick  
ZM495 *spirographidis* (Schiffner) Wollaston  
ZM496 *ternifolia* (J D Hooker et Harvey) Lyle  
ZM497 *Bornetia* Thuret  
ZM498 *secundiflora* (J Agardh) Thuret  
ZM499 *Callithamnion* Lyngbye  
ZM500 *corymbosum* (J E Smith) Lyngbye  
ZM501 *granulatum* (Ducluzeau) C Agardh  
French coast.  
See Maggs & Hommersand (1993).  
French coast.  
Synonym: *A. samiensis*.

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| ZM505 | <i>tetragonum</i> (Withering) S F Gray                       |  |
| ZM506 | <i>tetricum</i> (Dillwyn) S F Gray                           |  |
| ZM507 | <i>Ceramium</i> Roth   | See Maggs & Hommersand (1993) for a major realignment of species. Further investigation is required. |
| ZM508 | <i>bertholdii</i> Funk                                       | French coast.  |
| ZM509 | <i>botryocarpum</i> Griffiths ex Harvey                      |  |
| ZM510 | <i>callipterum</i> Mazoyer                                   | French coast.  |
| ZM511 | <i>ciliatum</i> (Ellis) Ducluzeau                            |  |
| ZM512 | <i>cimbricum</i> H Petersen                                  |  |
| ZM513 | <i>comptum</i> Børgesen                                      | French coast.  |
| ZM514 | <i>deslongchampii</i> Chauvin ex Duby                        |  |
| ZM515 | <i>diaphanum</i> (Lightfoot) Roth                            |  |
| ZM516 | <i>echionotum</i> J Agardh                                   |  |
| ZM517 | <i>flaccidum</i> (Kützing) Ardissonne                        |  |
| ZM518 | <i>gaditanum</i> (Clemente y Rubio) Cremades                 | Synonym: <i>C. flabelligerum</i> ; see Cremades & Pérez-Cirera (1990).                               |
| ZM519 | <i>nodulosum</i> (Lightfoot) Ducluzeau                       | Synonym: <i>C. rubrum</i> but see Silva, Basson & Moe (1996).  |
| ZM520 | <i>pallidum</i> (Nägeli ex Kützing) Maggs et Hommersand      | Synonym: <i>C. armoricum</i> Dixon et H Parkes.  |
| ZM521 | <i>secundatum</i> Lyngbye                                    |  |
| ZM522 | <i>shuttleworthianum</i> (Kützing) Rabenhorst                | Combination was first introduced by Rabenhorst (1846) and not by Silva (1959).                       |
| ZM523 | <i>siliquosum</i> (Kützing) Maggs et Hommersand              |  |
| ZM524 | <i>strictum</i> sensu Harvey                                 | Provisional name; see Maggs & Hommersand (1993).   |
| ZM525 | <i>tenerimum</i> (G Martens) Okamura                         | French coast.  |
| ZM526 | <i>Compsothamnion</i> Nägeli                                 |  |
| ZM527 | <i>decompositum</i> (J Agardh) Maggs et L'Hardy-Halos        | See Maggs & L'Hardy-Halos (1993).  |
| ZM528 | <i>gracillimum</i> De Toni                                   |  |
| ZM529 | <i>thuyoides</i> (J E Smith) Nägeli                          |  |
| ZM530 | <i>Crouania</i> J Agardh                                     |  |
| ZM531 | <i>attenuata</i> (C Agardh) J Agardh                         |  |
| ZM532 | <i>Griffithsia</i> C Agardh                                  |  |
| ZM533 | <i>corallinoides</i> (Linnaeus) Trevisan                     |  |
| ZM534 | <i>devoniensis</i> Harvey                                    |  |
| ZM535 | <i>Gymnothamnion</i> J Agardh                                |  |
| ZM536 | <i>elegans</i> (Schousboe ex C Agardh) J Agardh              | French coast.  |
| ZM537 | <i>Halurus</i> Kützing                                       |  |
| ZM538 | <i>equisetifolius</i> (Lightfoot) Kützing                    |  |
| ZM539 | <i>fiosculosus</i> (Ellis) Maggs et Hommersand               | Synonym: <i>Griffithsia fiosculosa</i> ; see Maggs & Hommersand (1993).                              |
| ZM540 | <i>Mesothamnion</i> Børgesen                                 |  |
| ZM541 | <i>distichum</i> (Børgesen) Halos                            | French coast   |
| ZM542 | <i>Microcladia</i> Greville                                  |  |
| ZM543 | <i>glandulosa</i> (Solander ex Turner) Greville              |  |
| ZM544 | <i>Monosporus</i> Solier                                     |  |
| ZM545 | <i>pedicellatus</i> (J E Smith) Solier                       |  |
| ZM546 | <i>Pleonosporium</i> Nägeli                                  |  |
| ZM547 | <i>borreri</i> (J E Smith) Nägeli                            |  |
| ZM548 | <i>caribbaeum</i> (Børgesen) R Norris                        | French coast.  |
| ZM549 | <i>flexuosum</i> (C Agardh) Bornet                           | French coast.  |
| ZM550 | <i>Plumaria</i> Schmitz                                      |  |
| ZM551 | <i>plumosa</i> (Hudson) Kuntze                               | Synonym: <i>P elegans</i> ; see Maggs & Hommersand (1993).   |
| ZM552 | <i>Pterothamnion</i> Nägeli                                  |  |
| ZM553 | <i>crispum</i> (Ducluzeau) Nägeli                            | See Maggs & Hommersand (1993).   |
| ZM554 | <i>plumula</i> (Ellis) Nägeli                                |  |
| ZM555 | <i>Ptilota</i> C Agardh                                      |  |
| ZM556 | <i>gunneri</i> P Silva, Maggs et L Irvine                    | Synonym: <i>P plumosa</i> (Linnaeus) C. Agardh; see Maggs & Hommersand (1993).                       |
| ZM557 | <i>Ptilothamnion</i> Thuret                                  |  |
| ZM558 | <i>pluma</i> (Dillwyn) Thuret                                |  |
| ZM559 | <i>sphaericum</i> (P Crouan et H Crouan) Maggs et Hommersand | See Maggs & Hommersand (1993).   |
| ZM560 | <i>Scagelia</i> Wollaston                                    |  |
| ZM561 | <i>pusilla</i> (Ruprecht) Athanasiadis                       | Synonym: <i>Antithamnion boreale</i> ; see Maggs & Hommersand (1993).                                |
| ZM562 | <i>pylasei</i> (Montagne) M Wynne                            |  |
| ZM563 | <i>Seirospora</i> Harvey                                     |  |
| ZM564 | <i>interrupta</i> (J E Smith) Schmitz                        | Synonym: <i>S. seirosperma</i> ; see Maggs & Hommersand (1993).                                      |
| ZM566 | <i>Spermothamnion</i> Areschoug                              |  |
| ZM567 | <i>repens</i> (Dillwyn) Rosenvinge                           |  |
| ZM568 | <i>strictum</i> (C Agardh) Ardissonne                        |  |
| ZM569 | <i>Sphondylothamnion</i> Nägeli                              |  |
| ZM570 | <i>multifidum</i> (Hudson) Nägeli                            |  |
| ZM571 | <i>Spyridia</i> Harvey                                       |  |
| ZM572 | <i>filamentosa</i> (Wulfen) Harvey                           |  |
| ZM573 | Dasyaceae  |  |
| ZM574 | <i>Dasya</i> C Agardh  |  |
| ZM575 | <i>baillouviana</i> (S Gmelin) Montagne                      | Coasts of the Netherlands and Sweden; probable introduction.   |
| ZM576 | <i>corymbifera</i> J Agardh                                  |  |
| ZM577 | <i>hutchinsiae</i> Harvey                                    |  |
| ZM578 | <i>ocellata</i> (Grateloup) Harvey                           |  |
| ZM579 | <i>punicea</i> Meneghini ex Zanardini                        |  |
| ZM580 | <i>Heterosiphonia</i> Montagne                               |  |
| ZM581 | <i>plumosa</i> (Ellis) Batters                               |  |
| ZM582 | Delesseriaceae   |  |
| ZM583 | <i>Acrosorium</i> Zanardini                                  |  |

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| ZM584 | <i>venulosum</i> (Zanardini) Kylin                       | Synonym: <i>A. uncinatum</i> sensu Kylin; see Maggs & Hommersand (1993).   |
| ZM585 | <i>Apoglossum</i> J Agardh                               |  |
| ZM586 | <i>ruscifolium</i> (Turner) J Agardh                     |  |
| ZM587 | <i>Apoglossocolax</i> Maggs et Hommersand                | See Maggs & Hommersand (1993).   |
| ZM588 | <i>pusilla</i> Maggs et Hommersand                       |  |
| ZM589 | <i>Asterocolax</i> J Feldmann et G Feldmann              |  |
| ZM590 | <i>erythroglossi</i> J Feldmann et G Feldmann            |  |
| ZM591 | <i>Cryptopleura</i> Kützing                              |  |
| ZM592 | <i>ramosa</i> (Hudson) Kylin ex Lily Newton              |  |
| ZM593 | <i>Delesseria</i> Lamouroux                              |  |
| ZM594 | <i>sanguinea</i> (Hudson) Lamouroux                      |  |
| ZM595 | <i>Drachiella</i> Ernst et J Feldmann                    |  |
| ZM596 | <i>heterocarpa</i> (Chauvin ex Duby) Maggs et Hommersand | Synonym: <i>Myriogramme heterocarpum</i> ; see Maggs & Hommersand (1993).<br>Synonym: <i>Myriogramme minuta</i> ; see Maggs & Hommersand (1993).           |
| ZM597 | <i>minuta</i> (Kylin) Maggs et Hommersand                |  |
| ZM598 | <i>spectabilis</i> Ernst et J Feldmann                   |  |
| ZM599 | <i>Erythroglossum</i> J Agardh                           |  |
| ZM600 | <i>laciniatum</i> (Lightfoot) Maggs et Hommersand        | Synonyms: <i>Polyneura laciniata</i> ; <i>Polyneura gmelinii</i> . See Maggs & Hommersand (1993).  |
| ZM601 | <i>Gonimocolax</i> Kylin                                 |  |
| ZM602 | <i>roscoffensis</i> J Feldmann et G Feldmann             | French coast; see Maggs & Hommersand (1993).   |
| ZM603 | <i>Gonimophyllum</i> Batters                             |  |
| ZM604 | <i>buffhamii</i> Batters                                 |  |
| ZM605 | <i>Haraldia</i> J Feldmann                               |  |
| ZM606 | <i>lenormandii</i> (Derbès et Solier) J Feldmann         | French coast.  |
| ZM607 | <i>Haraldiophyllum</i> A Zinova                          |  |
| ZM608 | <i>bonnemaisonii</i> (Kylin) A Zinova                    | Synonym: <i>Myriogramme bonnemaisonii</i> . Should not be confused with <i>Polyneura bonnemaisonii</i> , a separate entity; see Maggs & Hommersand (1993). |
| ZM609 | <i>Hypoglossum</i> Kützing                               |  |
| ZM610 | <i>hypoglossoides</i> (Stackhouse) F Collins et Hervey   | Synonym: <i>H. woodwardii</i> . Note that one of the combining authors is 'Hervey' and not 'Harvey'.   |
| ZM611 | <i>Membranoptera</i> Stackhouse                          |  |
| ZM612 | <i>alata</i> (Hudson) Stackhouse                         | Includes British records of <i>Pantoneura angustissima</i> ; see Maggs & Hommersand (1993).  |
| ZM613 | <i>Nitophyllum</i> Greville                              |  |
| ZM614 | <i>punctatum</i> (Stackhouse) Greville                   |  |
| ZM615 | <i>Phycodrys</i> Kützing                                 |  |
| ZM616 | <i>rubens</i> (Linnaeus) Batters                         |  |
| ZM617 | <i>Polyneura</i> Kylin                                   |  |
| ZM618 | <i>bonnemaisonii</i> (C Agardh) Maggs et Hommersand      | Synonym: <i>P. hilliae</i> . Should not be confused with <i>Haraldiophyllum bonnemaisonii</i> (see above). See Maggs & Hommersand (1993).                  |
| ZM619 | <i>Radicilingua</i> Papenfuss                            |  |
| ZM620 | <i>thysanorhizans</i> (Holmes) Papenfuss                 |  |
| ZM621 | Rhodomelaceae  |  |
| ZM622 | <i>Boergeseniiella</i> Kylin                             |  |
| ZM623 | <i>fruticulosa</i> (Wulfen) Kylin                        | Synonym: <i>Polysiphonia fruticulosa</i> ; see Maggs & Hommersand (1993).  |
| ZM624 | <i>thuyoides</i> (Harvey) Kylin                          | Synonym: <i>Pterosiphonia thuyoides</i> ; see Maggs & Hommersand (1993).   |
| ZM625 | <i>Bostrychia</i> Montagne                               |  |
| ZM626 | <i>scorpioides</i> (Hudson) Montagne ex Kützing          |  |
| ZM627 | <i>Brongniartella</i> Bory                               |  |
| ZM628 | <i>byssoides</i> (Goodenough et Woodward) Schmitz        |  |
| ZM629 | <i>Chondria</i> C Agardh                                 |  |
| ZM630 | <i>capillaris</i> Hudson                                 | Synonym: <i>Chondria tenuissima</i> ; see Wynne (1991).  |
| ZM631 | <i>coerulescens</i> (J Agardh) Falkenberg                |  |
| ZM632 | <i>dasyphylla</i> (Woodward) C Agardh                    |  |
| ZM633 | <i>scintillans</i> G Feldmann                            | French coast.  |
| ZM634 | <i>Ctenosiphonia</i> Falkenberg                          |  |
| ZM635 | <i>hypnoides</i> (Welwitsch ex J Agardh) Falkenberg      | French coast.  |
| ZM636 | <i>Halopithys</i> Kützing                                |  |
| ZM637 | <i>incurvus</i> (Hudson) Batters                         |  |
| ZM638 | <i>Herposiphonia</i> Nägeli                              |  |
| ZM639 | <i>secunda</i> (C Agardh) Ambronn                        | French coast. See Silva, Basson & Moe (1996).  |
| ZM640 | <i>Laurencia</i> Lamouroux                               |  |
| ZM641 | <i>brongniartii</i> J Agardh                             | French coast; see Cabioch <i>et al.</i> (1990). An introduced species.   |
| ZM642 | <i>obtusa</i> (Hudson) Lamouroux                         |  |
| ZM643 | <i>pyramidalis</i> Bory ex Kützing                       | See Maggs & Hommersand (1994).   |
| ZM644 | <i>Leptosiphonia</i> Kylin                               |  |
| ZM645 | <i>schousboei</i> (Thuret) Kylin                         | French and Netherlands coasts.   |
| ZM646 | <i>Lophosiphonia</i> Falkenberg                          |  |
| ZM647 | <i>reptabunda</i> (Suhr) Kylin                           | See Silva in Silva, Basson & Moe (1996).   |
| ZM648 | <i>Odonthalia</i> Lyngbye                                |  |
| ZM649 | <i>dentata</i> (Linnaeus) Lyngbye                        |  |
| ZM650 | <i>Osmundea</i> Stackhouse                               |  |

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|-------|-----------------------|--------------------------------|--|
| ZM651 | <i>hybrida</i>        | (De Candolle) Nam              | Synonym: <i>Laurencia hybrida</i> ; see Maggs & Hommersand (1994) and Nam <i>et al.</i> (1994).  |
| ZM652 | <i>osmunda</i>        | (S Gmelin) Maggs et Hommersand | Synonym: <i>Laurencia osmunda</i> ; see Maggs & Hommersand (1993) and Nam <i>et al.</i> (1994).  |
| ZM653 | <i>pinnatifida</i>    | (Hudson) Stackhouse            | Synonym: <i>Laurencia pinnatifida</i> ; see Maggs & Hommersand (1993) and Nam <i>et al.</i> (1994).  |
| ZM654 | <i>truncata</i>       | (Kützing) Nam et Maggs         | Synonyms: <i>Laurencia platycephala</i> sensu Magne; <i>Laurencia truncata</i> . See Maggs & Hommersand (1993) and Nam <i>et al.</i> (1994). |
| ZM655 | <i>Polysiphonia</i>   | Greville                       | See Maggs & Hommersand (1993) for a revision of the species from the British Isles.  |
| ZM656 | <i>atlantica</i>      | Kapraun et J Norris            | Synonym: <i>P. macrocarpa</i> .  |
| ZM657 | <i>brodiei</i>        | (Dillwyn) Sprengel             | See Silva, Basson & Moe (1996) regarding orthography of the specific epithet.  |
| ZM658 | <i>ceramiaiformis</i> | P Crouan et H Crouan           |  |
| ZM659 | <i>denudata</i>       | (Dillwyn) Greville             |  |
| ZM660 | <i>devoniensis</i>    | Maggs et Hommersand            |  |
| ZM661 | <i>elongata</i>       | (Hudson) Sprengel              |  |
| ZM662 | <i>elongella</i>      | Harvey                         |  |
| ZM663 | <i>ferulacea</i>      | Suhr ex J Agardh               | French coast.  |
| ZM664 | <i>fibrata</i>        | (Dillwyn) Harvey               |  |
| ZM665 | <i>fibrillosa</i>     | (Dillwyn) Sprengel             | Synonym: <i>P. violacea</i> .  |
| ZM666 | <i>foetidissima</i>   | Cocks ex Bornet                |  |
| ZM667 | <i>fucoides</i>       | (Hudson) Greville              | Synonym: <i>P. nigrescens</i> .  |
| ZM668 | <i>furcellata</i>     | (C Agardh) Harvey              |  |
| ZM669 | <i>harveyi</i>        | J Bailey                       | Perhaps introduced; see Maggs & Hommersand (1990).   |
| ZM670 | <i>isogona</i>        | Harvey                         | French coast.  |
| ZM671 | <i>lanosa</i>         | (Linnaeus) Tandy               |  |
| ZM672 | <i>nigra</i>          | (Hudson) Batters               |  |
| ZM673 | <i>opaca</i>          | (C Agardh) Moris et De Notaris |  |
| ZM674 | <i>orthocarpa</i>     | Rosenvinge                     | Southern North Sea.  |
| ZM675 | <i>polyspora</i>      | (C Agardh) J Agardh            | French coast.  |
| ZM676 | <i>scopulorum</i>     | Harvey                         | French coast.  |
| ZM677 | <i>simpliciuscula</i> | P Crouan et H Crouan           | French coast.  |
| ZM678 | <i>simulans</i>       | Harvey                         |  |
| ZM679 | <i>stricta</i>        | (Dillwyn) Greville             |  |
| ZM680 | <i>subulifera</i>     | (C Agardh) Harvey              | Synonyms: <i>P. urceolata</i> ; <i>P. spiralis</i> .   |
| ZM682 | <i>Pterosiphonia</i>  | Falkenberg                     |  |
| ZM683 | <i>ardreana</i>       | Maggs et Hommersand            | See Maggs & Hommersand (1993).   |
| ZM684 | <i>complanata</i>     | (Clemente y Rubio) Falkenberg  |  |
| ZM685 | <i>parasitica</i>     | (Hudson) Falkenberg            |  |
| ZM686 | <i>pennata</i>        | (C Agardh) Sauvageau           |  |
| ZM687 | <i>pinnulata</i>      | (Kützing) Maggs et Hommersand  | See Maggs & Hommersand (1993).   |
| ZM688 | <i>spinifera</i>      | (Kützing) Ardre                | French coast.  |
| ZM689 | <i>Rhodomela</i>      | Agardh                         |  |
| ZM690 | <i>confervoides</i>   | (Hudson) P Silva               |  |
| ZM691 | <i>lycopodioides</i>  | (Linnaeus) C Agardh            |  |
| ZM692 | <i>Rytiphlaea</i>     | C Agardh                       |  |
| ZM693 | <i>tinctoria</i>      | (Clemente y Rubio) C Agardh    | French coast.  |

#### Division CHROMOPHYCOTA

|      |                        |                                 |                                 |
|------|------------------------|---------------------------------|---------------------------------|
| ZR1  | <b>CHROMOPHYCOTA</b>   |                                 | See Silva, Basson & Moe (1996). |
| ZR2  | <b>PHAEOPHYCEAE</b>    |                                 |                                 |
| ZR3  | <b>ECTOCARPALES</b>    |                                 |                                 |
| ZR4  | Ectocarpaceae          |                                 |                                 |
| ZR5  | <i>Acinetospora</i>    | Bornet                          |                                 |
| ZR6  | <i>crinita</i>         | (Carmichael ex Harvey) Kornmann |                                 |
| ZR7  | <i>Actinema</i>        | Reinsch                         |                                 |
| ZR8  | <i>scutellum</i>       | Reinsch                         | French coast.                   |
| ZR9  | <i>Bachelotia</i>      | Bornet                          |                                 |
| ZR10 | <i>antillarum</i>      | (Grunow) Gerloff                | French coast.                   |
| ZR11 | <i>Climacosorus</i>    | Sauvageau                       |                                 |
| ZR12 | <i>mediterraneus</i>   | Sauvageau                       | French coast.                   |
| ZR13 | <i>Dichosporangium</i> | Hauck                           |                                 |
| ZR14 | <i>chordariae</i>      | Wollny                          |                                 |
| ZR15 | <i>Ectocarpus</i>      | Lyngbye                         |                                 |
| ZR16 | <i>dimorphus</i>       | P Silva                         | French coast.                   |
| ZR17 | <i>fasciculatus</i>    | Harvey                          |                                 |
| ZR18 | <i>siliculosus</i>     | (Dillwyn) Lyngbye               | See Silva, Basson & Moe (1996). |
| ZR19 | <i>Endodictyon</i>     | Gran                            |                                 |
| ZR20 | <i>infestans</i>       | Gran                            |                                 |
| ZR21 | <i>Feldmannia</i>      | G Hamel                         |                                 |
| ZR22 | <i>caespitula</i>      | (J Agardh) Knoepffler-Peguy     |                                 |
| ZR23 | <i>globifera</i>       | (Kützing) G Hamel               |                                 |
| ZR24 | <i>irregularis</i>     | (Kützing) G Hamel               |                                 |
| ZR25 | <i>kjellmanii</i>      | Kyllin                          |                                 |
| ZR26 | <i>padinae</i>         | (Buffham) G Hamel               |                                 |
| ZR27 | <i>paradoxa</i>        | (Montagne) G Hamel              |                                 |
| ZR28 | <i>simplex</i>         | (P Crouan et H Crouan) G Hamel  |                                 |
| ZR29 | <i>Gononema</i>        | Kuckuck                         |                                 |
| ZR30 | <i>aecidioides</i>     | (Rosenvinge) P Pedersen         |                                 |
| ZR31 | <i>Herponema</i>       | J Agardh                        |                                 |
| ZR32 | <i>desmarestiae</i>    | (Gran) Cardinal                 |                                 |

|       |                         |                                |   |
|-------|-------------------------|--------------------------------|---|
| ZR33  | <i>solitarium</i>       | (Sauvageau) G Hamel            |   |
| ZR34  | <i>vallantei</i>        | (Bornet ex Sauvageau) G Hamel  |   |
| ZR35  | <i>velutinum</i>        | (Greville) J Agardh            |   |
| ZR36  | <i>Hincksia</i>         | J Gray                         |   |
| ZR37  | <i>fenestrata</i>       | (Berkeley ex Harvey) P Silva   |   |
| ZR38  | <i>granulosa</i>        | (J E Smith) P Silva            |   |
| ZR39  | <i>hincksiae</i>        | (Harvey) P Silva               |   |
| ZR40  | <i>mitchelliae</i>      | (Harvey) P Silva               |   |
| ZR41  | <i>ovata</i>            | (Kjellman) P Silva             |   |
| ZR42  | <i>recurvata</i>        | (Cardinal) P Silva             | French coast.   |
| ZR43  | <i>sandriana</i>        | (Zanardini) P Silva            |   |
| ZR44  | <i>secunda</i>          | (Kützing) P Silva              |   |
| ZR45  | <i>Kuckuckia</i>        | G Hamel                        |   |
| ZR46  | <i>kylinii</i>          | Cardinal                       | French coast.   |
| ZR47  | <i>spinosa</i>          | (Kützing) Kuckuck              | French coast and southern North Sea.  |
| ZR48  | <i>Kuetzingiella</i>    | Kornmann                       |   |
| ZR49  | <i>battersii</i>        | (Bornet ex Sauvageau) Kornmann |   |
| ZR50  | <i>holmesii</i>         | (Batters) Russell              |   |
| ZR51  | <i>Laminariocolax</i>   | Kylin                          |   |
| ZR52  | <i>tomentosoides</i>    | (Farlow) Kylin                 |   |
| ZR53  | <i>Mikrosyphar</i>      | Kuckuck                        |   |
| ZR54  | <i>polysiphoniae</i>    | Kuckuck                        |   |
| ZR55  | <i>porphyrae</i>        | Kuckuck                        |   |
| ZR56  | <i>zosteriae</i>        | Kuckuck                        |   |
| ZR57  | <i>Phaeostroma</i>      | Kuckuck                        |   |
| ZR58  | <i>pustulosum</i>       | Kuckuck                        |   |
| ZR59  | <i>Pilayella</i>        | Bory de Saint-Vincent          | Placed in the Pilayellaceae by Pedersen (1984).   |
| ZR60  | <i>littoralis</i>       | (Linnaeus) Kjellman            |   |
| ZR61  | <i>varia</i>            | Kjellman                       | Southern North Sea. Synonym: <i>P macrocarpa</i> Foslie; see Siemer & Pedersen (1995).<br>French coast. |
| ZR62  | <i>seriata</i>          | Kuckuck                        |   |
| ZR63  | <i>Pleurocladia</i>     | A Braun                        |   |
| ZR64  | <i>lacustris</i>        | A Braun                        |   |
| ZR65  | <i>Spongonema</i>       | Kützing                        |   |
| ZR66  | <i>tomentosum</i>       | (Hudson) Kützing               |   |
| ZR67  | <i>Streblonema</i>      | Derbès et Solier               |   |
| ZR68  | <i>ambivalens</i>       | P Dangeard                     | French coast.   |
| ZR69  | <i>breve</i>            | (Sauvageau) De Toni            |   |
| ZR70  | <i>deformans</i>        | (P Dangeard) G Hamel           | French coast.   |
| ZR71  | <i>effusum</i>          | Kylin                          | Requires taxonomic investigation.   |
| ZR72  | <i>fasciculatum</i>     | Thuret                         |   |
| ZR73  | <i>integratum</i>       | P Dangeard                     | French coast.   |
| ZR74  | <i>intestinum</i>       | (Reinsch) Batters              |   |
| ZR75  | <i>maculans</i>         | (P Dangeard) South et Tittley  | French coast.   |
| ZR76  | <i>myriocladiae</i>     | (P Crouan et H Crouan) De Toni | French coast.   |
| ZR77  | <i>parasiticum</i>      | (Sauvageau) Levring            |   |
| ZR78  | <i>sphaericum</i>       | (Derbès et Solier) Thuret      |   |
| ZR79  | <i>stilophorae</i>      | (P Crouan et H Crouan) G Hamel |   |
| ZR80  | <i>tenuissimum</i>      | Hauck                          |   |
| ZR81  | <i>zanardinii</i>       | (P Crouan et H Crouan) De Toni |   |
| ZR82  | <i>Waerniella</i>       | Kylin                          |   |
| ZR83  | <i>lucifuga</i>         | (Kuckuck) Kylin                |   |
| ZR84  | Elachistaceae           |                                |   |
| ZR85  | <i>Elachista</i>        | Duby                           |   |
| ZR86  | <i>flaccida</i>         | (Dillwyn) Areschoug            |   |
| ZR87  | <i>fucicola</i>         | (Vellej) Areschoug             | Synonym: <i>E. globosa</i> ; see Fletcher (1987).   |
| ZR89  | <i>intermedia</i>       | P Crouan et H Crouan           | French coast.   |
| ZR90  | <i>scutulata</i>        | (J E Smith) Duby               |   |
| ZR91  | <i>stellaris</i>        | Areschoug                      |   |
| ZR92  | <i>Halothrix</i>        | Reinke                         |   |
| ZR93  | <i>lumbicalis</i>       | (Kützing) Reinke               |   |
| ZR94  | <i>Leptonematella</i>   | P Silva                        |   |
| ZR95  | <i>fasciculata</i>      | (Reinke) P Silva               |   |
| ZR96  | Lithodermataceae        |                                |   |
| ZR98  | <i>Petroderma</i>       | Kuckuck                        |   |
| ZR99  | <i>maculiforme</i>      | (Wollny) Kuckuck               |   |
| ZR100 | <i>Pseudolithoderma</i> | Svedelius                      |   |
| ZR101 | <i>extensum</i>         | (P Crouan et H Crouan) S Lund  |   |
| ZR102 | <i>roscoffense</i>      | Loiseaux                       | Probably includes <i>Lithoderma adriaticum</i> Hauck.   |
| ZR103 | <i>Sorapion</i>         | Kuckuck                        |   |
| ZR104 | <i>kjellmanii</i>       | (Wille) Rosenvinge             | Requires further investigation; see Pedersen (1981).  |
| ZR105 | <i>simulans</i>         | Kuckuck                        |   |
| ZR106 | <i>Symphycarpus</i>     | Rosenvinge                     |   |
| ZR107 | <i>strangulans</i>      | Rosenvinge                     |   |
| ZR108 | Myrionemataceae         |                                |   |
| ZR109 | <i>Clathrodiscus</i>    | G Hamel                        |   |
| ZR110 | <i>mandoulii</i>        | (Sauvageau) G Hamel            | French coast.   |
| ZR111 | <i>Compsonema</i>       | Kuckuck                        |   |
| ZR112 | <i>microspongium</i>    | (Batters) Kuckuck              |   |
| ZR113 | <i>minutum</i>          | (C Agardh) Kuckuck             |   |
| ZR114 | <i>Microspongium</i>    | Reinke                         |   |
| ZR115 | <i>globosum</i>         | Reinke                         | Synonym: <i>Myrionema polycladum</i> ; see Fletcher (1987).   |
| ZR116 | <i>immersum</i>         | (Levring) P Pedersen           |   |
| ZR117 | <i>Myrionema</i>        | Greville                       |   |
| ZR118 | <i>corunnae</i>         | Sauvageau                      |   |
| ZR119 | <i>feldmannii</i>       | Loiseaux                       | French coast.   |

|       |                         |                                    |  |
|-------|-------------------------|------------------------------------|--|
| ZR120 | <i>liechtensternii</i>  | Hauck                              |  |
| ZR121 | <i>magnusii</i>         | (Sauvageau) Loiseaux               |  |
| ZR122 | <i>papillosum</i>       | Sauvageau                          |  |
| ZR124 | <i>strangulans</i>      | Greville                           |  |
| ZR125 | <i>Phaeostromatella</i> | P Dangeard                         |  |
| ZR126 | <i>elegans</i>          | P Dangeard                         | French coast.  |
| ZR127 | <i>Protectocarpus</i>   | Kormann                            |  |
| ZR128 | <i>speciosus</i>        | (Børgesen) Kornmann                |  |
| ZR129 | <i>Ulonema</i>          | Foslie                             |  |
| ZR130 | <i>rhizophorum</i>      | Foslie                             |  |
| ZR131 | Sorocarpaceae           |                                    |  |
| ZR132 | <i>Sorocarpus</i>       | N Pringsheim                       |  |
| ZR133 | <i>micromorus</i>       | (Bory) P Silva                     |  |
| ZR134 | <i>reinboldii</i>       | (Reinke) Kornmann et Sahling       |  |
| ZR135 | <b>DICTYOSIPHONALES</b> |                                    |  |
| ZR136 | Buffhamiaceae           |                                    |  |
| ZR137 | <i>Buffhamia</i>        | Batters                            |  |
| ZR138 | <i>speciosa</i>         | Batters                            |  |
| ZR139 | Dictyosiphonaceae       |                                    |  |
| ZR140 | <i>Dictyosiphon</i>     | Greville                           |  |
| ZR141 | <i>chordaria</i>        | Areschoug                          |  |
| ZR142 | <i>ekmanii</i>          | Areschoug                          |  |
| ZR143 | <i>foeniculaceus</i>    | (Hudson) Greville                  |  |
| ZR144 | Giraudiaceae            |                                    |  |
| ZR145 | <i>Giraudia</i>         | Derbès et Solier                   |  |
| ZR146 | <i>sphacelarioides</i>  | Derbès et Solier                   |  |
| ZR147 | Myriotrichiaceae        |                                    |  |
| ZR148 | <i>Leblondiella</i>     | G Hamel                            |  |
| ZR149 | <i>densa</i>            | (Batters) G Hamel                  |  |
| ZR150 | <i>Litosiphon</i>       | Harvey                             |  |
| ZR151 | <i>laminariae</i>       | (Lyngbye) Harvey                   | Synonym: <i>L. pusillus</i> ; see Fletcher (1987).                             |
| ZR153 | <i>Myriotrichia</i>     | Harvey                             |  |
| ZR154 | <i>clavaeformis</i>     | Harvey                             |  |
| ZR155 | Pogotrichaceae          |                                    |  |
| ZR156 | <i>Omphalophyllum</i>   | Rosenvinge                         |  |
| ZR157 | <i>ulvaceum</i>         | Rosenvinge                         | French coast.  |
| ZR158 | <i>Pogotrichum</i>      | Reinke                             |  |
| ZR159 | <i>filiforme</i>        | Reinke                             |  |
| ZR160 | <i>setiforme</i>        | (Rosenvinge) P Pedersen            | French coast.  |
| ZR161 | Punctariaceae           |                                    |  |
| ZR162 | <i>Asperococcus</i>     | Lamouroux                          |  |
| ZR163 | <i>bullosus</i>         | Lamouroux                          | Synonym: <i>A. turneri</i> .   |
| ZR164 | <i>compressus</i>       | Griffiths ex W J Hooker            |  |
| ZR165 | <i>fistulosus</i>       | (Hudson) W J Hooker                |  |
| ZR166 | <i>scaber</i>           | Kuckuck                            |  |
| ZR167 | <i>Chilionema</i>       | Sauvageau                          |  |
| ZR168 | <i>foecundum</i>        | (Strömfelt) Fletcher               |  |
| ZR169 | <i>hispanicum</i>       | (Sauvageau) Fletcher               |  |
| ZR170 | <i>ocellatum</i>        | (Kützing) Kuckuck                  |  |
| ZR171 | <i>reptans</i>          | (P Crouan et H Crouan) Sauvageau   |  |
| ZR172 | <i>Hecatonema</i>       | Sauvageau                          |  |
| ZR173 | <i>aggregatum</i>       | (P Dangeard) P Pedersen            | French coast.  |
| ZR174 | <i>maculans</i>         | (F Collins) Sauvageau              |  |
| ZR175 | <i>terminale</i>        | (Kützing) Kylin                    | Southern North Sea (Helgoland).  |
| ZR176 | <i>Punctaria</i>        | Greville                           |  |
| ZR177 | <i>crispata</i>         | (Kützing) Batters                  | Synonym: <i>P. hiemalis</i> ; see Fletcher (1987).                             |
| ZR179 | <i>latifolia</i>        | Greville                           |  |
| ZR180 | <i>plantaginea</i>      | (Roth) Greville                    |  |
| ZR181 | <i>tenuissima</i>       | (C Agardh) Greville                | Synonym: <i>Desmotrichum undulatum</i> ; see Fletcher (1987).                  |
| ZR182 | Scytosiphonaceae        |                                    |  |
| ZR183 | <i>Colpomenia</i>       | Endlicher                          |  |
| ZR184 | <i>peregrina</i>        | (Sauvageau) G Hamel                |  |
| ZR185 | <i>sinuosa</i>          | (Mertens ex Roth) Derbès et Solier | French coast.  |
| ZR186 | <i>Petalonia</i>        | Derbès et Solier                   |  |
| ZR187 | <i>fascia</i>           | (O F Müller) Kuntze                |  |
| ZR188 | <i>filiformis</i>       | (Batters) Kuntze                   |  |
| ZR189 | <i>zosterifolia</i>     | (Reinke) Kuntze                    |  |
| ZR190 | <i>Ralfsia</i>          | Berkeley                           |  |
| ZR191 | <i>verrucosa</i>        | (Areschoug) Areschoug              |  |
| ZR192 | <i>Scytosiphon</i>      | C Agardh                           |  |
| ZR193 | <i>dotyi</i>            | M Wynne                            |  |
| ZR194 | <i>lomentaria</i>       | (Lyngbye) Link                     | See Silva, Basson & Moe (1996). Synonym: <i>S. simplicimus</i> .               |
| ZR195 | <i>Stragularia</i>      | Strömfelt                          |  |
| ZR196 | <i>clavata</i>          | (Harvey) G Hamel                   | Synonyms: <i>Ralfsia disciformis</i> P Crouan et H Crouan; <i>R. clavata</i> . |
| ZR197 | <i>spongiocarpa</i>     | (Batters) G Hamel                  |  |
| ZR198 | Striariaceae            |                                    |  |
| ZR199 | <i>Isthmoplea</i>       | Kjellman                           |  |
| ZR200 | <i>sphaerophora</i>     | (Carnichael ex Harvey) Kjellman    |  |
| ZR201 | <i>Stictyosiphon</i>    | Kützing                            |  |
| ZR202 | <i>adriaticus</i>       | Kützing                            | French coast.  |
| ZR203 | <i>griffithsianus</i>   | (Le Jolis) Holmes et Batters       |  |
| ZR204 | <i>soriferus</i>        | (Reinke) Rosenvinge                |  |
| ZR205 | <i>tortilis</i>         | (Ruprecht) Reinke                  |  |
| ZR206 | <i>Striaria</i>         | Greville                           |  |
| ZR207 | <i>attenuata</i>        | (Greville) Greville                |  |
| ZR208 | <b>CHORDARIALES</b>     |                                    |  |
| ZR209 | Acrotichaceae           |                                    |  |
| ZR210 | <i>Acrothrix</i>        | Kylin                              |  |

|       |                         |  |  |
|-------|-------------------------|--|--|
| ZR211 | <i>gracilis</i>         | Kylin                                    |  |
| ZR212 | Chordariaceae           |  |  |
| ZR213 | <i>Chordaria</i>        | C Agardh                                 |  |
| ZR214 | <i>flagelliformis</i>   | (O F Müller) C Agardh                    |  |
| ZR215 | <i>Cladosiphon</i>      | Kützing                                  |  |
| ZR216 | <i>contortus</i>        | (Thuret) Kylin                           |  |
| ZR217 | <i>zosteræ</i>          | (J Agardh) Kylin                         |  |
| ZR218 | <i>Eudesme</i>          | J Agardh                                 |  |
| ZR219 | <i>virescens</i>        | (Carmichael ex Berkeley) J Agardh        |  |
| ZR220 | <i>Liebmannia</i>       | J Agardh                                 |  |
| ZR221 | <i>leveillei</i>        | J Agardh                                 |  |
| ZR222 | <i>Mesogloia</i>        | J Agardh                                 |  |
| ZR223 | <i>lanosa</i>           | P Crouan et H Crouan                     |  |
| ZR224 | <i>neglecta</i>         | Batters                                  |  |
| ZR225 | <i>vermiculata</i>      | (J E Smith) S Gray                       |  |
| ZR226 | <i>Myriocladia</i>      | J Agardh                                 |  |
| ZR227 | <i>lovenii</i>          | J Agardh                                 |  |
| ZR228 | <i>tomentosa</i>        | P Crouan et H Crouan                     |  |
| ZR229 | <i>Sauvageaugloia</i>   | G Hamel ex Kylin                         |  |
| ZR230 | <i>chordariaeformis</i> | (P Crouan et H Crouan) Kylin             |  |
| ZR231 | <i>griffithsiana</i>    | (Greville ex W Hooker) G Hamel ex Kylin  |  |
| ZR232 | <i>Sphaerotruchia</i>   | Kylin                                    |  |
| ZR233 | <i>divaricata</i>       | (C Agardh) Kylin                         |  |
| ZR234 | <i>Strepsithalia</i>    | Bornet ex Sauvageau                      |  |
| ZR235 | <i>buffhamiana</i>      | (Batters) Batters                        |  |
| ZR236 | <i>curvata</i>          | Sauvageau                                | French coast.  |
| ZR237 | <i>liagoræ</i>          | Sauvageau                                | French coast.  |
| ZR238 | <i>liebmanniæ</i>       | Miranda                                  | French coast.  |
| ZR239 | Corynophlaeaceae        |  |  |
| ZR240 | <i>Corynophlaea</i>     | Kützing                                  |  |
| ZR241 | <i>crispa</i>           | (Harvey) Kuckuck                         |  |
| ZR242 | <i>Cylindrocarpus</i>   | P Crouan et H Crouan                     |  |
| ZR243 | <i>microscopicus</i>    | P Crouan et H Crouan                     | See Fletcher (1987).   |
| ZR244 | <i>Leathesia</i>        | S F Gray                                 |  |
| ZR245 | <i>difformis</i>        | (Linnaeus) Areschoug                     |  |
| ZR246 | <i>Microcoryne</i>      | Strömfelt                                |  |
| ZR247 | <i>ocellata</i>         | Strömfelt                                |  |
| ZR248 | <i>Myriactula</i>       | Kuntze                                   |  |
| ZR249 | <i>arabica</i>          | (Kützing) J Feldmann                     | French coast.  |
| ZR250 | <i>areschougii</i>      | (P Crouan et H Crouan) G Hamel           |  |
| ZR251 | <i>chordæ</i>           | (Areschoug) Levring                      |  |
| ZR252 | <i>clandestina</i>      | (P Crouan et H Crouan) J Feldmann        |  |
| ZR253 | <i>haydenii</i>         | (Gatty) Levring                          |  |
| ZR254 | <i>rivulariæ</i>        | (Suhr) J Feldmann                        |  |
| ZR255 | <i>stellulata</i>       | (Harvey) Levring                         |  |
| ZR256 | <i>vlastæ</i>           | J Feldmann                               | French coast.  |
| ZR257 | <i>Petrospongium</i>    | Nägeli                                   |  |
| ZR258 | <i>berkeleyi</i>        | (Greville) Nägeli                        | Synonym: <i>Cylindrocarpus berkeleyi</i> .                             |
| ZR259 | Spermatochneaceae       |  |  |
| ZR260 | <i>Spermatochneus</i>   | Kützing                                  |  |
| ZR261 | <i>paradoxus</i>        | (Roth) Kützing                           |  |
| ZR262 | <i>Stilophora</i>       | J Agardh                                 |  |
| ZR263 | <i>tenella</i>          | (Esper) P Silva                          | Formerly known as <i>S. rhizodes</i> ; see Silva, Basson & Moe (1996). |
| ZR264 | <i>Stilopsis</i>        | Kuckuck                                  |  |
| ZR265 | <i>lejolissii</i>       | (Thuret) Kuckuck                         |  |
| ZR266 | <b>CUTLERIALES</b>      |  |  |
| ZR267 | Cutleriaceae            |  |  |
| ZR268 | <i>Cutleria</i>         | Greville                                 |  |
| ZR270 | <i>adspersa</i>         | (Mertens) De Notaris                     | French coast.  |
| ZR271 | <i>multifida</i>        | (J E Smith) Greville                     |  |
| ZR272 | <i>Zanardinia</i>       | Nardo ex P Crouan et H Crouan            |  |
| ZR273 | <i>prototypus</i>       | Nardo                                    |  |
| ZR274 | <b>TILOPTERIDALES</b>   |  |  |
| ZR275 | Tilopteridaceae         |  |  |
| ZR276 | <i>Haplospora</i>       | Kjellman                                 |  |
| ZR277 | <i>globosa</i>          | Kjellman                                 |  |
| ZR278 | <i>Tilopteris</i>       | Kützing                                  |  |
| ZR279 | <i>mertensii</i>        | (Turner) Kützing                         |  |
| ZR280 | <b>SPHACELARIALES</b>   |  |  |
| ZR281 | Choristocarpaceae       |  |  |
| ZR282 | <i>Choristocarpus</i>   | Zanardini                                |  |
| ZR283 | <i>tenellus</i>         | (Kützing) Zanardini                      |  |
| ZR284 | Cladostephaceae         |  |  |
| ZR285 | <i>Cladostephus</i>     | C Agardh                                 |  |
| ZR286 | <i>spongiosus</i>       | (Hudson) C Agardh                        |  |
| ZR287 | Sphacelariaceae         |  |  |
| ZR288 | <i>Sphacelaria</i>      | Lyngbye                                  |  |
| ZR289 | <i>arctica</i>          | Harvey                                   |  |
| ZR290 | <i>caespitula</i>       | Lyngbye                                  |  |
| ZR291 | <i>cirrosa</i>          | (Roth) C Agardh                          |  |
| ZR292 | <i>fusca</i>            | (Hudson) S Gray                          |  |
| ZR293 | <i>mirabilis</i>        | (Reinke ex Batters) Prud'homme van Reine |  |
| ZR294 | <i>nana</i>             | Nägeli ex Kützing                        |  |
| ZR295 | <i>plumigera</i>        | Holmes ex Hauck                          |  |
| ZR296 | <i>plumosa</i>          | Lyngbye                                  |  |
| ZR297 | <i>plumula</i>          | Zanardini                                |  |
| ZR298 | <i>racemosa</i>         | Greville                                 |  |
| ZR299 | <i>radicans</i>         | (Dillwyn) Harvey                         |  |
| ZR300 | <i>rigidula</i>         | Kützing                                  |  |
| ZR301 | <i>sympodiocarpa</i>    | Sauvageau                                | French coast.  |



|       |  |   |
|-------|--|---|
| ZR302 | <i>tribuloides</i> Meneghini                 |   |
| ZR303 | Stypocaulaceae                               |   |
| ZR304 | <i>Halopteris</i> Kützing                    |   |
| ZR305 | <i>filicina</i> (Grateloup) Kützing          |   |
| ZR306 | <i>Stypocaulon</i> Kützing                   |   |
| ZR307 | <i>scoparia</i> (Linnaeus) Kützing           |   |
| ZR308 | <b>DICTYOTALES</b>                           |   |
| ZR309 | Dictyotaceae                                 |   |
| ZR310 | <i>Dictyopteris</i> Lamouroux                |   |
| ZR311 | <i>membranacea</i> (Stackhouse) Batters      |   |
| ZR312 | <i>Dictyota</i> Lamouroux                    | Synonym: <i>Dilophus</i> ; see Hörnig <i>et al.</i> (1992).   |
| ZR313 | <i>dichotoma</i> (Hudson) Lamouroux          |   |
| ZR314 | <i>fasciola</i> (Roth) Lamouroux             | French coast.   |
| ZR315 | <i>spiralis</i> Montagne                     | Synonym: <i>Dilophus spiralis</i> .   |
| ZR316 | <i>Padina</i> Adanson                        |   |
| ZR317 | <i>pavonica</i> (Linnaeus) Thivy             | See Silva, Basson & Moe (1996) regarding orthographic variants of the specific epithet.   |
| ZR318 | <i>Spatoglossum</i> Kützing                  |   |
| ZR319 | <i>solieri</i> (Chauvin ex Montagne) Kützing | French coast.   |
| ZR320 | <i>Taonia</i> J Agardh                       |   |
| ZR321 | <i>atomaria</i> (Woodward) J Agardh          |   |
| ZR322 | <b>SPOROCHNALES</b>                          |   |
| ZR323 | Sporochnaceae                                |   |
| ZR324 | <i>Carpomitra</i> Kützing                    |   |
| ZR325 | <i>costata</i> (Stackhouse) Batters          |   |
| ZR326 | <i>Sporochnus</i> C Agardh                   |   |
| ZR327 | <i>pedunculatus</i> (Hudson) C Agardh        |   |
| ZR328 | <b>DESMARESTIALES</b>                        |   |
| ZR329 | Arthrocladiaceae                             |   |
| ZR330 | <i>Arthrocladia</i> Duby                     |   |
| ZR331 | <i>villosa</i> (Hudson) Duby                 |   |
| ZR332 | Desmarestiaceae                              |   |
| ZR333 | <i>Desmarestia</i> Lamouroux                 |   |
| ZR334 | <i>aculeata</i> (Linnaeus) Lamouroux         |   |
| ZR335 | <i>dresnayi</i> Lamouroux ex Leman           |   |
| ZR336 | <i>ligulata</i> (Lightfoot) Lamouroux        |   |
| ZR337 | <i>viridis</i> (O F Müller) Lamouroux        |   |
| ZR338 | <b>LAMINARIALES</b>                          |   |
| ZR339 | Alariaceae                                   |   |
| ZR340 | <i>Alaria</i> Greville                       |   |
| ZR341 | <i>esculenta</i> (Linnaeus) Greville         |   |
| ZR342 | <i>Undaria</i> Suringar                      |   |
| ZR343 | <i>pinnatifida</i> (Harvey) Suringar         | Familial position requires investigation. French coast (Ushant, St Malo and environs); recently found on south coast of Britain (Fletcher & Manfredi, 1995). Ordinal position requires investigation. |
| ZR344 | Chordaceae                                   |   |
| ZR345 | <i>Chorda</i> Stackhouse                     |   |
| ZR346 | <i>filum</i> (Linnaeus) Stackhouse           |   |
| ZR347 | <i>tomentosa</i> Lyngbye                     |   |
| ZR348 | Laminariaceae                                |   |
| ZR349 | <i>Laminaria</i> Lamouroux                   |   |
| ZR350 | <i>digitata</i> (Hudson) Lamouroux           |   |
| ZR351 | <i>hyperborea</i> (Gunnerus) Foslie          |   |
| ZR352 | <i>longicuris</i> De la Pylaie               |   |
| ZR353 | <i>ochroleuca</i> De la Pylaie               |   |
| ZR354 | <i>saccharina</i> (Linnaeus) Lamouroux       |   |
| ZR355 | Phyllariaceae                                |   |
| ZR356 | <i>Phyllariopsis</i> Tilden                  |   |
| ZR357 | <i>brevipes</i> (C Agardh) Henry et South    | French coast; see Henry & South (1987).<br>Synonym: <i>Phyllaria reniformis</i> (Lamouroux) Rostaf.   |
| ZR358 | <i>Saccorhiza</i> De la Pylaie               |   |
| ZR359 | <i>polyschides</i> (Lightfoot) Batters       |   |
| ZR360 | <b>FUCALES</b>                               |   |
| ZR361 | Cystoseiraceae                               |   |
| ZR362 | <i>Bifurcaria</i> Stackhouse                 |   |
| ZR363 | <i>bifurcata</i> R Ross                      |   |
| ZR364 | <i>Cystoseira</i> Agardh                     |   |
| ZR365 | <i>baccata</i> (S Gmelin) P Silva            |   |
| ZR366 | <i>foeniculaceus</i> (Linnaeus) Greville     |   |
| ZR367 | <i>humilis</i> Kützing                       |   |
| ZR368 | <i>nodicaulis</i> (Withering) M Roberts      |   |
| ZR369 | <i>platyclada</i> Sauvageau                  | French coast.   |
| ZR370 | <i>tamariscifolia</i> (Hudson) Papenfuss     |   |
| ZR371 | <i>Halidrys</i> Lyngbye                      |   |
| ZR372 | <i>siliquosa</i> (Linnaeus) Lyngbye          |   |
| ZR373 | Fucaceae                                     |   |
| ZR374 | <i>Ascophyllum</i> Stackhouse                |   |
| ZR375 | <i>nodosum</i> (Linnaeus) Le Jolis           |   |
| ZR376 | <i>Fucus</i> Linnaeus                        | Species limits require further investigation.   |
| ZR377 | <i>ceranoides</i> Linnaeus                   |   |
| ZR378 | <i>cottonii</i> M Wynne et Magne             | Synonym: <i>F. muscoides</i> (Cotton) J. Feldmann et Magne; see Wynne & Magne (1991).<br>French coast; requires reinvestigation.  |
| ZR379 | <i>dichotomus</i> Sauvageau                  |   |
| ZR380 | <i>distichus</i> Linnaeus                    |   |
| ZR381 | <i>evanescens</i> C Agardh                   | See Rice & Chapman (1985).  |
| ZR382 | <i>serratus</i> Linnaeus                     |   |
| ZR383 | <i>spiralis</i> Linnaeus                     |   |
| ZR384 | <i>vesiculosus</i> Linnaeus                  |   |

- ZR385 *Pelvetia* Decaisne et Thuret  
 ZR386 *canaliculata* (Linnaeus) Decaisne et Thuret  
 ZR387 Himanthaliaceae  
 ZR388 *Himantalia* Lyngbye  
 ZR389 *elongata* (Linnaeus) S Gray  
 ZR390 Sargassaceae  
 ZR391 *Sargassum* Agardh  
 ZR392 *flavifolium* Kützing  
 ZR393 *muticum* (Yendo) Fensholt  
 ZR394 *natans* (Linnaeus) Gaillon
- French coast.  
 Introduced species now widely distributed from Norway to Spain and recently found in Ireland. See Critchley *et al.* (1990).  
 Only known from detached plants on Atlantic coasts.
- Division CHLOROPHYCOTA
- ZS1 **CHLOROPHYCOTA**  
 ZS2 **CHLOROPHYCEAE**
- See Silva, Basson & Moe (1996).  
 Arrangement of orders and families follows Burrows (1991).
- ZS3 **CHLOROCOCCALES**  
 ZS4 Chlorococcaceae  
 ZS5 *Characium* A Braun  
 ZS6 *marinum* Kjellman  
 ZS7 *Chlorochytrium* Cohn  
 ZS8 *cohnii* Wright  
 ZS9 *dermatocolax* Reinke  
 ZS10 *facciolae* (Borzi) Bristol  
 ZS11 *Chlorococcum* Meneghini  
 ZS12 *submarinum* Alvik
- Probably includes *Protococcus marinus* but not cited by Burrows (1991).  
 See Kornmann & Sahling (1983).
- ZS13 *Halochlorococcum* Kornmann et Sahling  
 ZS14 *Sykidion* Wright  
 ZS15 *dilatatum* (Kornmann et Sahling)  
 ZS16 *dyeri* Wright  
 ZS17 *moorei* (N Gardner) Kornmann et Sahling  
 ZS18 *operculatum* (Kornmann et Sahling)
- Helgoland.  
 Synonym: *Chlorochytrium moorei*.  
 Helgoland.  
 Ordinal status requires reassessment.
- ZS19 **MICROSPORALES**  
 ZS20 Microsporaceae  
 ZS21 *Microspora* Thuret  
 ZS22 *ficulinae* P Dangeard
- See Farnham, Blunden & Gordon (1985); Burrows (1991).  
 Allocation to a class requires further study (van den Hoek *et al.* 1995).
- ZS23 **PRASIOLALES**
- ZS24 Prasiolaceae  
 ZS25 *Prasiola* C Agardh
- Further investigations of species status within the genus are required.
- ZS26 *calophylla* (Carmichael ex Greville) Kützing  
 ZS27 *crispa* (Lightfoot) Kützing  
 ZS28 *stipitata* Suhr ex Jessen  
 ZS29 *turfuracea* (Mertens) Kützing  
 ZS30 *Rosenvingiella* P Silva  
 ZS31 *constricta* (Setchell et N Gardner) P Silva  
 ZS32 *polyrhiza* (Rosenvinge) P Silva
- Helgoland and the Baltic.
- ZS34 **CODIOLALES**  
 ZS35 Acrosiphoniaceae  
 ZS36 *Chlorothrix* Berger-Perrot et Thomas  
 ZS37 *intermedia* (Berger-Perrot) South et Tittley  
 ZS38 *kornmannii* (Berger-Perrot) Berger-Perrot et Thomas  
 ZS39 *Spongomorpha* Kützing
- French coast.  
 French coast, southern North Sea.  
 Silva, Basson & Moe (1996) argue strongly for the reinstatement of *Acrosiphonia*.
- ZS40 *aeruginosa* (Linnaeus) van den Hoek  
 ZS41 *arcta* (Dillwyn) Kützing  
 ZS43 Monostromataceae  
 ZS44 *Gomontia* Bornet et Flahault  
 ZS45 *polyrhiza* (Lagerheim) Bornet et Flahault  
 ZS46 *Kornmannia* Bliding  
 ZS47 *leptoderma* (Kjellman) Kornmann
- North Sea; unknown in the British Isles.  
 Referred to the Kornmanniaceae by Golden & Cole (1986).  
 Includes *Gayralia* and *Protomonostroma*.
- ZS48 *Monostroma* Thuret  
 ZS49 *grevillei* (Thuret) Wittrock  
 ZS50 *obscurum* (Kützing) J Agardh  
 ZS51 *oxyspermum* (Kützing) Doty  
 ZS52 *undulatum* Wittrock
- Synonym: *Ulvaria obscura*.
- ZS53 Ulotrichaceae  
 ZS54 *Eugomontia* Kornmann  
 ZS55 *sacculata* Kornmann  
 ZS56 *Geminella* Turpin  
 ZS57 *marina* G Hamel  
 ZS58 *Klebsormidium* Fott  
 ZS59 *catenatum* (P Dangeard) P Silva, Mattox et Blackwell  
 ZS60 *Stichococcus* Nägeli  
 ZS61 *bacillaris* Nägeli  
 ZS62 *Ulothrix* Kützing  
 ZS63 *flacca* (Dillwyn) Thuret  
 ZS64 *implexa* (Kützing) Kützing
- French coast.  
 French coast.  
 See Burrows (1991).  
 Synonym: *U. subflaccida*; see Burrows (1991).  
 French coast, southern North Sea.
- ZS65 *palusalsa* Lokhorst  
 ZS66 *speciosa* (Carmichael ex Harvey) Kützing  
 ZS68 *Urospora* Areschoug

|       |   |   |
|-------|---|---|
| ZS70  | <i>neglecta</i> (Kormmann) Lokhorst et Trask          | According to Burrows (1991), unknown in the British Isles.  |
| ZS71  | <i>penicilliformis</i> (Roth) Areschoug               | Synonym: <i>U. bangioides</i> .   |
| ZS72  | <i>wormskioldii</i> (Mertens ex Hornemann) Rosenvinge |   |
| ZS73  | <b>PHAEOPHILALES</b>                                  |   |
| ZS74  | Phaeophilaceae  |   |
| ZS75  | <i>Phaeophila</i> Hauck                               |   |
| ZS76  | <i>dendroides</i> (P Crouan et H Crouan) Batters      |   |
| ZS77  | <b>ULVALES</b>  |   |
| ZS78  | Chaetophoraceae                                       |   |
| ZS79  | <i>Acrochaete</i> N Pringsheim                        |   |
| ZS80  | <i>geniculata</i> (N Gardner) O'Kelly                 | French coast.   |
| ZS81  | <i>repens</i> N Pringsheim                            |   |
| ZS82  | <i>Bolbocoleon</i> N Pringsheim                       |   |
| ZS83  | <i>piliferum</i> N Pringsheim                         |   |
| ZS84  | <i>Chlorofilum</i> P Dangeard                         |   |
| ZS85  | <i>ephemerum</i> P Dangeard                           | French coast. Requires reinvestigation.   |
| ZS86  | <i>Ectochaete</i> Wille                               |   |
| ZS87  | <i>ramulosa</i> L Moewus                              | Southern North Sea. Requires reinvestigation.   |
| ZS88  | <i>Elaterodiscus</i> P Dangeard                       |   |
| ZS89  | <i>appendiculatus</i> P Dangeard                      | French coast. Requires reinvestigation.   |
| ZS90  | <i>Endoclonium</i> Szymanski                          |   |
| ZS91  | <i>marinum</i> L Moewus                               | Southern North Sea. Requires reinvestigation.   |
| ZS92  | <i>Entocladia</i> Reinke                              | Synonyms: <i>Epicladia</i> ; <i>Entoderma</i> ; <i>Ectochaete</i> .<br>Synonym: <i>Epicladia phillipsii</i> . |
| ZS93  | <i>flustrae</i> (Reinke) Taylor                       |   |
| ZS94  | <i>leptochaete</i> (Huber) Burrows                    |   |
| ZS95  | <i>moewusae</i> O'Kelly et Yarish                     | Requires reinvestigation; not included in Burrows (1991).   |
| ZS96  | <i>perforans</i> (Huber) Levring                      |   |
| ZS97  | <i>tenuis</i> Kylin                                   |   |
| ZS98  | <i>viridis</i> Reinke                                 |   |
| ZS99  | <i>wittrockii</i> Wille                               |   |
| ZS100 | <i>Ochlochaete</i> Thwaites ex Harvey                 |   |
| ZS101 | <i>hystrix</i> Thwaites                               |   |
| ZS102 | <i>Pilinia</i> Kützing                                | Silva, Basson & Moe (1996; p719) list <i>Pilinia</i> as a 'genus of Phaeophyceae of uncertain position'.      |
| ZS103 | <i>rimosa</i> Kützing                                 |   |
| ZS104 | <i>Pirulina</i> Snow                                  | Synonym: <i>Heterogonium</i> Dangeard.  |
| ZS105 | <i>salina</i> (Dangeard) Printz                       | Planktonic; requires reinvestigation; see Burrows (1991).   |
| ZS106 | <i>Pringsheimiella</i> von Höhnell                    |   |
| ZS107 | <i>conchyliophila</i> J Feldman                       | French coast.   |
| ZS108 | <i>scutata</i> (Reinke) Marchewianka                  |   |
| ZS109 | <i>Pseudendoclonium</i> Wille                         |   |
| ZS110 | <i>dynamenae</i> Nielsen                              | Not included in Burrows (1991).   |
| ZS111 | <i>informe</i> P Dangeard                             | French coast.   |
| ZS112 | <i>submarinum</i> Wille                               |   |
| ZS113 | <i>Pseudodictyon</i> N Gardner                        | Probably referable to <i>Acrochaete</i> ; requires reinvestigation.   |
| ZS114 | <i>inflatum</i> Ercegovic                             |   |
| ZS115 | <i>Pseudopringsheimia</i> Wille                       |   |
| ZS116 | <i>confluens</i> (Rosenvinge) Wille                   |   |
| ZS117 | <i>fucicola</i> (Rosenvinge) Wille                    |   |
| ZS118 | <i>Stromatella</i> Kornmann et Sahling                | Coast of France; North Sea.   |
| ZS119 | <i>monstromatica</i> (P Dangeard) Kornmann et Sahling |   |
| ZS120 | <i>papillosa</i> (P Dangeard) Kornmann et Sahling     |   |
| ZS121 | <i>Syncoryne</i> Nielsen et Pedersen                  | May be part of <i>Pringsheimella</i> ; see Burrows (1991).  |
| ZS122 | <i>reinkei</i> Nielsen et Pedersen                    |   |
| ZS123 | <i>Tellamia</i> Batters                               |   |
| ZS124 | <i>contorta</i> Batters                               |   |
| ZS125 | <i>intricata</i> Batters                              |   |
| ZS126 | <i>Thamniochloris</i> P Dangeard                      |   |
| ZS127 | <i>atroviridis</i> P Dangeard                         | French coast.   |
| ZS128 | <i>ochlochaetoides</i> P Dangeard                     | French coast.   |
| ZS129 | <i>variabilis</i> P Dangeard                          | French coast.   |
| ZS130 | <i>Ulvella</i> P Crouan et H Crouan                   |   |
| ZS131 | <i>acervus</i> P Dangeard                             | French coast.   |
| ZS133 | <i>lens</i> P Crouan et H Crouan                      | Synonym: <i>Pseudulvella applanata</i> .  |
| ZS134 | <i>protuberans</i> P Dangeard                         | French coast.   |
| ZS135 | <i>setchellii</i> P Dangeard                          | French coast.   |
| ZS136 | <i>stellata</i> P Dangeard                            | French coast.   |
| ZS137 | <i>Uronema</i> Lagerheim                              | Not included in Burrows (1991); requires reinvestigation.   |
| ZS138 | <i>curvata</i> Printz                                 |   |
| ZS139 | <i>Zygomitus</i> Bornet et Flahault                   | Requires reinvestigation.   |
| ZS140 | <i>reticulatus</i> Bornet et Flahault                 | French coast. Requires reinvestigation.   |
| ZS141 | <b>Ulvaceae</b>                                       |   |
| ZS142 | <i>Blidingia</i> Kylin                                |   |
| ZS143 | <i>chadefaudii</i> (Chadefaud) Bliding                |   |
| ZS144 | <i>marginata</i> (J Agardh) P Dangeard ex Bliding     |   |
| ZS145 | <i>minima</i> (Nägeli ex Kützing) Kylin               |   |
| ZS146 | <i>subsalsa</i> (Kjellman) Kormmann                   |   |
| ZS147 | <i>Capsosiphon</i> Gobi                               |   |
| ZS148 | <i>fulvescens</i> (C Agardh) Setchell et N Gardner    |   |
| ZS149 | <i>Enteromorpha</i> Link                              |   |
| ZS150 | <i>bayonnensis</i> P Dangeard                         | French coast.   |

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| ZS151 | <i>clathrata</i> (Roth) Greville                                     |  |
| ZS152 | <i>compressa</i> (Linnaeus) Nees                                     | Included in <i>E. intestinalis</i> by Burrows (1991).  |
| ZS153 | <i>coziana</i> P Dangeard  | French coast.  |
| ZS154 | <i>flexuosa</i> (Wulfen) J Agardh                                    | Synonym: <i>E. pilifera</i> .  |
| ZS155 | <i>hendayensis</i> (P Dangeard) Parriaud                             | French coast.  |
| ZS156 | <i>intestinalis</i> (Linnaeus) Nees                                  |  |
| ZS157 | <i>intestinaloides</i> Koeman et van den Hoek                        | Southern North Sea.  |
| ZS158 | <i>kylinii</i> Bliding   | French coast.  |
| ZS159 | <i>lingulata</i> J Agardh  | French coast.  |
| ZS160 | <i>linza</i> (Linnaeus) J Agardh                                     |  |
| ZS161 | <i>linziformis</i> Bliding   | French coast, southern North Sea.  |
| ZS162 | <i>muscooides</i> (Clemente y Rubio) Cremades                        | Includes <i>E. crinita</i> and <i>E. ramulosa</i> . See Silva, Basson & Moe (1996).  |
| ZS163 | <i>musciformis</i> P Dangeard  | French coast.  |
| ZS165 | <i>prolifera</i> (O F Müller) J Agardh                               | Synonyms: <i>E. ahleriana</i> ; <i>E. torta</i> .  |
| ZS166 | <i>pseudolinza</i> Koeman et van den Hoek                            | Southern North Sea.  |
| ZS167 | <i>ralfsii</i> Harvey  |  |
| ZS168 | <i>roberti-lamii</i> Parriaud  | French coast.  |
| ZS169 | <i>sanctae-joannis</i> P Dangeard                                    | French coast.  |
| ZS170 | <i>simplex</i> (Vinogradova) Koeman et van den Hoek                  | French coast.  |
| ZS172 | <i>Percursaria</i> Bory  |  |
| ZS173 | <i>percurva</i> (C Agardh) Rosenvinge                                |  |
| ZS174 | <i>Ulva</i> Linnaeus   | British Isles species require further study.   |
| ZS175 | <i>bertolonii</i> C Agardh   | French coast.  |
| ZS176 | <i>curvata</i> (Kützing) De Toni                                     | French coast.  |
| ZS177 | <i>fasciata</i> Delile   | French coast.  |
| ZS178 | <i>gigantea</i> (Kützing) Bliding                                    | French coast.  |
| ZS179 | <i>lactuca</i> Linnaeus  |  |
| ZS180 | <i>olivascens</i> P Dangeard   |  |
| ZS181 | <i>pseudocurvata</i> Koeman et van den Hoek                          | French coast and southern North Sea.   |
| ZS182 | <i>rigida</i> C Agardh   |  |
| ZS183 | <i>rotundata</i> Bliding   | French coast.  |
| ZS184 | <i>scandinavica</i> Bliding  | French coast.  |
| ZS185 | <i>tenera</i> Kornmann et Sahling                                    | Helgoland.   |
| ZS186 | <b>CLADOPHOROPHYCEAE</b>   |  |
| ZS187 | <b>CLADOPHORALES</b>   |  |
| ZS188 | Cladophoraceae   |  |
| ZS189 | <i>Chaetomorpha</i> Kützing  | Silva, Basson & Moe (1996) argue strongly for the separation of <i>C. aerea</i> , <i>C. linum</i> , <i>C. crassa</i> and <i>C. litorea</i> . |
| ZS192 | <i>linum</i> (O F Müller) Kützing                                    | Synonyms: <i>C. aerea</i> ; may include <i>C. crassa</i> . See Burrows (1991).   |
| ZS193 | <i>mediterranea</i> (Kützing) Kützing                                | Synonym: <i>C. capillaris</i> .  |
| ZS194 | <i>melagonium</i> (Weber et Mohr) Kützing                            |  |
| ZS195 | <i>Cladophora</i> Kützing  |  |
| ZS196 | <i>aegagropila</i> (Linnaeus) Trevisan                               |  |
| ZS197 | <i>albida</i> (Nees) Kützing   |  |
| ZS198 | <i>battersii</i> van den Hoek  |  |
| ZS199 | <i>coelothrix</i> Kützing  |  |
| ZS200 | <i>dalmatica</i> Kützing   |  |
| ZS201 | <i>flexuosa</i> (O F Müller) Kützing                                 | See Silva, Basson & Moe (1996).  |
| ZS202 | <i>globulina</i> (Kützing) Kützing                                   |  |
| ZS203 | <i>hutchinsiae</i> (Dillwyn) Kützing                                 |  |
| ZS204 | <i>laetevirens</i> (Dillwyn) Kützing                                 |  |
| ZS205 | <i>lehmanniana</i> (Lindenberg) Kützing                              |  |
| ZS206 | <i>liniformis</i> Kützing  |  |
| ZS207 | <i>nigrescens</i> Zanardini ex Frauenfeld                            | French coast.  |
| ZS208 | <i>pellucida</i> (Hudson) Kützing                                    |  |
| ZS209 | <i>prolifera</i> (Roth) Kützing                                      |  |
| ZS210 | <i>pygmaea</i> Reinke  |  |
| ZS211 | <i>retroflexa</i> (Bonnemaison ex P Crouan et H Crouan) van den Hoek |  |
| ZS212 | <i>rupestris</i> (Linnaeus) Kützing                                  |  |
| ZS213 | <i>sericea</i> (Hudson) Kützing                                      |  |
| ZS214 | <i>socialis</i> Kützing  | French coast.  |
| ZS215 | <i>vadorum</i> (Areschoug) Kützing                                   | French coast.  |
| ZS216 | <i>vagabunda</i> (Linnaeus) van den Hoek                             |  |
| ZS217 | <i>Rhizoclonium</i> Kützing  |  |
| ZS218 | <i>tortuosum</i> (Dillwyn) Kützing                                   | Synonyms: <i>R. riparium</i> ; <i>R. arenosum</i> . See Burrows (1991). Silva, Basson & Moe (1996) regard these as separate species.         |
| ZS220 | Wittrockiaceae   |  |
| ZS221 | <i>Wittrockiella</i> Wille   |  |
| ZS222 | <i>paradoxa</i> Wille  |  |
| ZS223 | <b>BRYOPSIDOPHYCEAE</b>  |  |
| ZS224 | <b>BRYOPSIDALES</b>  |  |
| ZS225 | Bryopsidaceae  |  |
| ZS226 | <i>Bryopsis</i> Lamouroux  |  |
| ZS227 | <i>balbisiana</i> Lamouroux  | French coast.  |
| ZS228 | <i>corymbosa</i> J Agardh  | French coast.  |
| ZS229 | <i>cupressoides</i> Kützing  | French coast.  |
| ZS230 | <i>hypnoides</i> Lamouroux   |  |
| ZS231 | <i>pennata</i> Lamouroux   | French coast.  |
| ZS232 | <i>plumosa</i> (Hudson) C Agardh                                     |  |
| ZS233 | <i>Derbesia</i> Solier   |  |
| ZS234 | <i>marina</i> (Lyngbye) Solier                                       |  |
| ZS235 | <i>tenuissima</i> (Moris et De Notaris) P Crouan et H Crouan         |  |
| ZS236 | <i>Ostreobium</i> Bornet et Flahault                                 |  |
| ZS237 | <i>quekettii</i> Bornet et Flahault                                  |  |
| ZS238 | <i>Pedobesia</i> MacRaid et Womersley                                |  |
| ZS239 | <i>lamourouxii</i> (J Agardh) J Feldmann et al.                      | French coast.  |

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| ZS240 | Chaetosiphonaceae                              |  |
| ZS241 | <i>Blastophysa</i> Reinke                      |  |
| ZS242 | <i>rhizopus</i> Reinke                         |  |
| ZS243 | Codiaceae                                      |  |
| ZS244 | <i>Codium</i> Stackhouse                       |  |
| ZS245 | <i>adhaerens</i> C Agardh                      |  |
| ZS246 | <i>bursa</i> (Olivi) C Agardh                  |  |
| ZS247 | <i>decortcatum</i> (Woodward) Howe             | French coast.  |
| ZS248 | <i>effusum</i> (Rafinesque) Delle Chiaje       | French coast. Synonym: <i>C. difforme</i> Kützing.   |
| ZS249 | <i>fragile</i> (Suringar) Hariot               | Includes two subspecies: ssp. <i>atlanticum</i> (Cotton) P Silva and ssp. <i>tomentosoides</i> (van Goor) P Silva. |
| ZS250 | <i>tomentosum</i> Stackhouse                   |  |
| ZS251 | <i>vermilara</i> (Olivi) Delle Chiaje          |  |
| ZS252 | <b>INCERTAE SEDIS</b>                          |  |
| ZS253 | <b>CTENOCLADALES</b>                           | Ordinal status and class placement require reassessment.   |
| ZS254 | Ctenocladaceae                                 |  |
| ZS255 | <i>Dilabifilum</i> Tschermak-Woess             |  |
| ZS256 | <i>arthropyreniae</i> (Visher) Tschermak-Woess | Southern North Sea.  |
| ZS257 | <i>Gongrosira</i> Kützing                      |  |
| ZS258 | <i>malardii</i> (Wille) Printz                 | French coast.  |
| ZS259 | <i>Gongrosirella</i> P Dangeard                |  |
| ZS260 | <i>vermiformis</i> P Dangeard                  | French coast.  |

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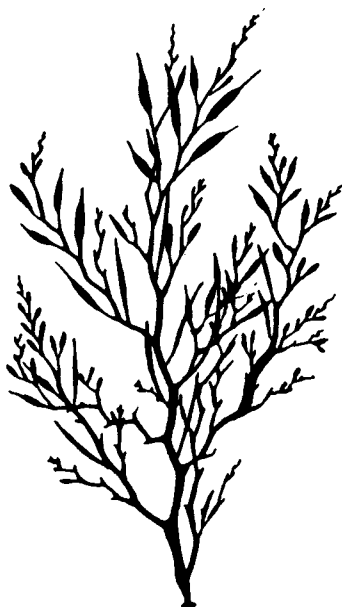
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| <i>aerea</i> , <i>Chaetomorpha</i>             | ZS192 | agilis, <i>Doridicola</i>                | R1802 |
| <i>aerea</i> , <i>Chaetomorpha</i>             | ZS192 | agilis, <i>Megaluropus</i>               | S489  |
| aerugineum, <i>Porphyridium</i>                | ZM21  | agilis, <i>Notodelphys</i>               | R705  |
| aeruginosa, <i>Spongomorpha</i>                | ZS40  | agilis, <i>Stylochoplana</i>             | F86   |
| aesthetica, <i>Myxicola</i>                    | P1299 | agilis, <i>Xanthocalanus</i>             | R562  |
| <i>aestiva</i> , <i>Lanceola</i>               | S699  | Aglantha                                 | D573  |
| aestuarensis, <i>Orchestia</i>                 | S232  | Aglaophamus                              | P491  |
| aestuarii, <i>Littorina obtusata</i> var.      | W303  | Aglaophenia                              | D476  |
| aestuarii, <i>Mesochra</i>                     | R1474 | aglaopheniae, <i>Rhopalomenia</i>        | W40   |
| aestuarina, <i>Manayunkia</i>                  | P1294 | <i>aglaopheniae</i> , <i>Proneomenia</i> | W40   |
| Aetea  | Y153  | Aglaopheniidae                           | D475  |
| Aeteidae                                       | Y152  | Aglaothamnion                            | ZM471 |
| AETEOIDEA                                      | Y151  | Aglaozonia                               | ZR271 |
| aethus, <i>Cenodagreutes</i>                   | W828  | agnata, <i>Axinella</i>                  | C537  |

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| AGNATHA   | ZE1   | alberti, Isomonina                           | W1811 |
| Agnathaner  | R679  | albicans, Istiophorus                        | ZG522 |
| <i>agnatus</i> , <i>Orthopsyllus</i>              | R1497 | albicilla, Haliaeetus                        | ZJ160 |
| agnes, Limnodriloides                             | P1470 | albida, Arachnactis                          | D639  |
| Agonidae  | ZG289 | albida, Cladophora                           | ZS197 |
| Agonus  | ZG290 | albida, Graphis                              | W597  |
| <i>ahlneri</i> , <i>Enteromorpha</i>              | ZS165 | <i>albida</i> , <i>Ophiura</i>               | B20   |
| Ahnfeltia   | ZM185 | albida, <i>Ophiura</i>                       | ZB168 |
| Ahnfeltiaceae                                     | ZM184 | <i>albida</i> , <i>Pandora</i>               | W2251 |
| AHNFELTIALES                                      | ZM183 | albidum, Alcyonidium                         | Y74   |
| Ahnfeltiopsis                                     | ZM392 | albidum, Didemnum                            | ZD49  |
| Aiptasia  | D699  | albidum, Phanoderma                          | HD50  |
| Aiptasiidae                                       | D698  | albidus, Enchytraeus                         | P1510 |
| Aiptasiogeton                                     | D701  | albidus, Metoncholaimus                      | HD112 |
| Aiptasiomorpha                                    | D707  | albidus, Tetrapturus                         | ZG524 |
| Aix   | ZJ90  | albidus, Trichoniscus                        | S1068 |
| Aka   | C1485 | albifrons, Anser                             | ZJ107 |
| Akanthophoreinae                                  | S1116 | albifrons, Jaera                             | S885  |
| Akanthophoreus                                    | S1137 | albifrons, Sterna                            | ZJ335 |
| Akera   | W1141 | albigensis, Paramonohystera                  | HD541 |
| Akeridae  | W1140 | Albionella                                   | R2326 |
| akessoni, Pusillotrocha                           | P640  | albirostris, Lagenorhynchus                  | ZK31  |
| Akessonina  | R2406 | albissima, Phagocata                         | F32   |
| Aktedrilus  | P1435 | albocapitatus, Tubulanus                     | G27   |
| alalunga, Thunnus                                 | ZG513 | albomaculata, Alciopina                      | P200  |
| Alaria  | ZR340 | albomaculata, Heterocythereis                | R2583 |
| Alariaceae  | ZR339 | <i>albomaculatus</i> , <i>Corynocephalus</i> | P200  |
| alariae, Audouinella                              | ZM70  | albula, Crella                               | C769  |
| alata, Caulleriella                               | P829  | <i>albula</i> , <i>Solariella</i>            | W190  |
| alata, Clavella                                   | R2337 | album, Armadillidium                         | S1097 |
| alata, Diphasia                                   | D414  | album, Eudendrium                            | D219  |
| <i>alata</i> , <i>Heterocirrus</i>                | P829  | albus, Ischnochiton                          | W71   |
| alata, Membranoptera                              | ZM612 | <i>albus</i> , <i>Strombiformis</i>          | W634  |
| <i>alata</i> , <i>Ossiania</i>                    | W1043 | Alca   | ZJ348 |
| <i>alata</i> , <i>Philine</i>                     | W1043 | Alcidae                                      | ZJ347 |
| alatum, Cytheropteron                             | R2524 | Alciopa                                      | P197  |
| alatus, Pagurus                                   | S1455 | Alciopidae                                   | P196  |
| alba, Abra  | W2059 | Alciopina                                    | P199  |
| <i>alba</i> , <i>Balcis</i>                       | W634  | ALCYONACEA                                   | D594  |
| alba, Brachystomia eulimoides var.                | W923  | Alcyonidiidae                                | Y72   |
| alba, Calidris                                    | ZJ232 | Alcyonidium                                  | Y73   |
| alba, Cryptocelis                                 | F77   | Alcyoniidae                                  | D595  |
| alba, Diaphorodoris luteocincta var.              | W1331 | Alcyonium                                    | D596  |
| alba, Egretta                                     | ZJ77  | alderi, Aeolidiella                          | W1486 |
| alba, Eudactylinella                              | R2276 | alderi, Bicellarina                          | Y258  |
| alba, Glycera                                     | P256  | alderi, Escharina                            | Y437  |
| alba, Hormathia                                   | D730  | <i>alderi</i> , <i>Lunatia</i>               | W491  |
| alba, Melanella                                   | W634  | alderi, Metopa                               | S191  |
| alba, Metzgeria                                   | W700  | <i>alderi</i> , <i>Natica</i>                | W491  |
| alba, Onchidoris luteocincta var.                 | W1331 | <i>alderi</i> , <i>Obtusella</i>             | W365  |
| alba, Porella                                     | Y383  | <i>alderi</i> , <i>Putilla</i>               | W365  |
| alba, Raja  | ZF85  | alderi, Zoanthus                             | D661  |
| albacares, Thunnus                                | ZG514 | Alderia                                      | W1126 |
| albaensis, Dasynemoides                           | HD470 | Alderidae                                    | W1125 |
| <i>Albatross</i> , <i>Black-browed</i>            | ZJ23  | Alderina                                     | Y207  |
| albatrossae, Aricidea                             | P680  | Aldisa                                       | W1365 |
| <i>albella</i> , <i>Brachystomia</i>              | W920  | Aldisidae                                    | W1364 |
| <i>albella</i> , <i>Metzgeria</i>                 | W700  | Alectona                                     | C472  |
| <i>albella</i> , <i>Odostomia</i>                 | W920  | Alella                                       | R2328 |
| <i>albella</i> , <i>Odostomia unidentata</i> var. | W917  | Alentia                                      | P33   |
| <i>albella</i> , <i>Pusillina</i>                 | W377  | Alepas                                       | R25   |
| <i>albella</i> , <i>Rissoa</i>                    | W377  | Alepisauridae                                | ZG75  |
| <i>albella</i> , <i>Turboella</i>                 | W377  | Alepisaurus                                  | ZG76  |
| albellus, Mergus                                  | ZJ143 | Alepocephalidae                              | ZG59  |
| albens, Lichomolgus                               | R1846 | Alepocephalus                                | ZG60  |
| albeola, Bucephala                                | ZJ126 | <i>Aleutian Tern</i>                         | ZJ336 |

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| aleutica, <i>Sterna</i>              | ZJ336 | ambivalens, <i>Streblonema</i>        | ZR68  |
| alexandri, <i>Autolytus</i>          | P435  | amblyops, <i>Amphiascus</i>           | R1164 |
| alexandrinus, <i>Charadrius</i>      | ZJ204 | Amblyosyllis                          | P374  |
| algensis, <i>Lumbricillus</i>        | P1538 | <i>amblytera</i> , <i>Cerithiella</i> | W277  |
| <i>alicei</i> , <i>Manupecten</i>    | W1790 | ambronensis, <i>Turbanella</i>        | HB106 |
| Alkmaria                             | P1126 | ambulans, <i>Monobryozoon</i>         | Y108  |
| Alle                                 | ZJ350 | Ambunguipedidae                       | R1132 |
| alle, <i>Alle</i>                    | ZJ351 | Ambunguipes                           | R1134 |
| alleni, <i>Cerebratulus</i>          | G40   | Ameira                                | R1285 |
| alleni, <i>Magelona</i>              | P804  | Ameiridae                             | R1283 |
| alleni, <i>Porphyra</i>              | ZJ174 | Ameirinae                             | R1284 |
| <i>alleni</i> , <i>Trididemnum</i>   | ZD54  | Ameiropsis                            | R1303 |
| alleni, <i>Tryphosites</i>           | S346  | amela, <i>Ooneides</i>                | R722  |
| alleni, <i>Xenocoeloma</i>           | R2196 | Amenophia                             | R1063 |
| <i>Allen's Gallinule</i>             | ZJ174 | <i>American Bittern</i>               | ZJ70  |
| alletteratus, <i>Euthynnus</i>       | ZG502 | <i>American Black Duck</i>            | ZJ104 |
| Allia                                | P679  | <i>American Coot</i>                  | ZJ170 |
| <i>Allis Shad</i>                    | ZG31  | <i>American Golden Plover</i>         | ZJ217 |
| allmani, <i>Notodelphys</i>          | R706  | <i>American Purple Gallinule</i>      | ZJ175 |
| Allmaniella                          | P35   | <i>American Wigeon</i>                | ZJ96  |
| allmanni, <i>Crangon</i>             | S1384 | americana, <i>Anas</i>                | ZJ96  |
| Allomelita                           | S499  | americana, <i>Eurytemora</i>          | R300  |
| Alloposidae                          | W2405 | americana, <i>Fulica</i>              | ZJ170 |
| Alloteuthis                          | W2339 | americana, <i>Melanitta nigra</i>     | ZJ140 |
| allucens, <i>Amphiporus</i>          | G85   | americanum, <i>Notophyllum</i> cf.    | P173  |
| <i>Almaco Jack</i>                   | ZG334 | americanus, <i>Ensis</i>              | W1997 |
| Alopias                              | ZF21  | americanus, <i>Polyprion</i>          | ZG315 |
| Alopiidae                            | ZF20  | amethystea, <i>Porphyra</i>           | ZM54  |
| Alopochen                            | ZJ92  | amica, <i>Syllis</i>                  | P359  |
| Alosa                                | ZG30  | Ammatophora                           | Y231  |
| alosa, <i>Alosa</i>                  | ZG31  | ammisatum, <i>Acauloides</i>          | D144  |
| Alpheidae                            | S1328 | Ammodytes                             | ZG442 |
| ALPHEOIDEA                           | S1327 | Ammodytidae                           | ZG441 |
| Alpheus                              | S1329 | Ammonicerina                          | W903  |
| alpina, <i>Calidris</i>              | ZJ233 | Ammothea                              | Q21   |
| alpina, <i>Crenobia</i>              | F36   | Ammotheidae                           | Q13   |
| alsidii, <i>Stylonema</i>            | ZM13  | Ammothella                            | Q16   |
| altamarinus, <i>Pontocrates</i>      | S133  | amoena, <i>Cuthona</i>                | W1433 |
| altera, <i>Bonnierilla</i>           | R684  | Amonardia                             | R1145 |
| <i>alternata</i> , <i>Plumularia</i> | D450  | amondseni, <i>Gattyana</i>            | P48   |
| Alteutha                             | R1035 | Ampelisca                             | S423  |
| Alvania                              | W335  | <i>Ampelisca</i>                      | S437  |
| alveolata, <i>Sabellaria</i>         | P1116 | ampelisciae, <i>Rhizorhina</i>        | R2148 |
| Alvinellidae                         | P1170 | Ampeliscidae                          | S422  |
| Alvinia                              | W362  | AMPELISCOIDEA                         | S421  |
| amabilis, <i>Solariella</i>          | W189  | Ampharete                             | P1133 |
| Amaeana                              | P1228 | Ampharetidae                          | P1118 |
| Amage                                | P1128 | Ampharetinae                          | P1125 |
| Amalophora                           | R538  | Amphianthus                           | D744  |
| Amalothrix                           | R574  | Amphiascoides                         | R1149 |
| Amalosoma                            | O12   | Amphiascopsis                         | R1159 |
| amaryllis, <i>Chirona</i>            | R65   | Amphiascus                            | R1163 |
| Amathia                              | Y132  | <i>amphibia</i> , <i>Ameira</i>       | R1329 |
| Amathilla                            | S116  | Amphiblestrum                         | Y222  |
| Amauropsis                           | W498  | Amphicaryon                           | D82   |
| Ambasia                              | S276  | Amphicaryoninae                       | D81   |
| <i>Amberjack</i>                     | ZG333 | Amphichaeta                           | P1406 |
| <i>ambigua</i> , <i>Microciona</i>   | C1091 | Amphicteis                            | P1141 |
| <i>ambigua</i> , <i>Odostomia</i>    | W922  | Amphictene                            | P1101 |
| <i>ambigua</i> , <i>Plocamionida</i> | C1091 | amphictenicola, <i>Calamyzas</i>      | P417  |
| <i>ambigua</i> , <i>Pseudobradya</i> | R901  | Amphiglena                            | P1258 |
| <i>ambigua</i> , <i>Scruparia</i>    | Y161  | Amphilepidae                          | ZB162 |
| <i>ambiguum</i> , <i>Encentrum</i>   | HA52  | Amphilepis                            | ZB163 |
| <i>ambiguum</i> , <i>Tetrastemma</i> | G118  | amphilochi, <i>Sphaeronella</i>       | R2150 |
| <i>ambiguus</i> , <i>Haemobaphes</i> | R2302 | Amphilochidae                         | S152  |
| <i>ambiguus</i> , <i>Nogagus</i>     | R2252 | Amphilochoides                        | S153  |

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| Amphilochus                        | S156  | anceps, Teretia                             | W868  |
| Amphimonhystera                    | HD503 | Anchialina                                  | S51   |
| Amphinema                          | D230  | Anchinoe                                    | C992  |
| AMPHINOMIDA                        | P511  | Anchinoidea                                 | C977  |
| Amphinomidae                       | P512  | Anchistrocheles                             | R2465 |
| Amphipholis                        | ZB160 | Anchomasa                                   | W2182 |
| AMPHIPODA                          | S97   | anchorata, Clathria                         | C1131 |
| Amphiporidae                       | G83   | <i>Anchovy</i>                              | ZG41  |
| Amphiporus                         | G84   | Anchylomera                                 | S752  |
| <i>Amphiporus</i>                  | G98   | <i>Ancient Murrelet</i>                     | ZJ357 |
| Amphiroa                           | ZM195 | Ancistrostylis                              | P337  |
| Amphisbetia                        | D411  | Ancorabolidae                               | R1763 |
| Amphitholina                       | S528  | Ancorabolinae                               | R1764 |
| Amphitrite                         | P1181 | Ancorabolus                                 | R1765 |
| amphitrite, Balanus                | R75   | ancoratum, Styloptilon                      | C998  |
| Amphitritides                      | P1184 | Ancorina                                    | C179  |
| Amphitritinae                      | P1180 | Ancorinidae                                 | C177  |
| Amphiura                           | ZB149 | Ancula                                      | W1314 |
| amphiurae, Parachordeumium         | R2204 | Anculinae                                   | W1313 |
| Amphiuridae                        | ZB148 | <i>ancyloide, Propilidium</i>               | W242  |
| amphorae, Liripora                 | Y46   | Ancyroniscus                                | S966  |
| Amphoriscidae                      | C57   | Andaniexis                                  | S363  |
| Amphoriscus                        | C58   | andersoni, Kontikia                         | F51   |
| Ampithoe                           | S530  | andreae, Caprella                           | S642  |
| Ampithoidae                        | S527  | andreae, Clio                               | W1185 |
| <i>ampla, Panomya</i>              | W2170 | andreapolis, Harmothoe                      | P51   |
| <i>amplissima, Porphyra</i>        | ZM60  | <i>andreapolis, Harmothoe lunulata var.</i> | P51   |
| amplissima, Smittoidea             | Y461  | Andresia                                    | D670  |
| <i>amplivasatus, Peloscolex</i>    | P1489 | Andresiidae                                 | D669  |
| amplivasatus, Tubificoides         | P1489 | andrewi, Diarthrodes                        | R1101 |
| ampullacea, Leptostylis            | S1260 | andrewianus, Sphenotrochus                  | D785  |
| ampullaceus, Leptolaimus           | HD430 | andromeda, Psilaster                        | ZB28  |
| ampullatus, Hyperoodon             | ZK61  | anechma, Amphimonhystera                    | HD504 |
| Ampullospirinae                    | W497  | Anelasma                                    | R27   |
| Ampullostrochus                    | W184  | Anemonactis                                 | D750  |
| amygdaloides, Paradoxostoma        | R2647 | <i>anemone, Beadlet</i>                     | D675  |
| amygdaloides, Poecillastra         | C252  | <i>anemone, Cloak</i>                       | D743  |
| Amythasides                        | P1144 | <i>anemone, Dahlia</i>                      | D684  |
| anachoretus, Pagurus               | S1456 | <i>anemone, Daisy</i>                       | D717  |
| Anadarinae                         | W1665 | <i>anemone, Gem</i>                         | D686  |
| anaethetus, Sterna                 | ZJ337 | <i>anemone, Imperial</i>                    | D692  |
| anagremilae, Gairleanema           | HD160 | <i>anemone, Ivell's</i>                     | D768  |
| Anaitides                          | P139  | <i>anemone, Jewel</i>                       | D775  |
| analis, Euchone                    | P1278 | <i>anemone, Orange-striped</i>              | D707  |
| <i>ananas, Leuconia</i>            | C132  | <i>anemone, Plumose</i>                     | D710  |
| <i>ananas, Leconia ananas var.</i> | C132  | <i>anemone, Snakelocks</i>                  | D679  |
| ananus, Scypha                     | C132  | <i>anemone, Starlet</i>                     | D761  |
| Anapagurus                         | S1446 | <i>anemone, Strawberry</i>                  | D676  |
| Anarhichadidae                     | ZG415 | <i>anemone, Trumpet</i>                     | D700  |
| Anarhichas                         | ZG416 | <i>anemone, Worm</i>                        | D771  |
| anarrhichae, Platybdella           | P1610 | Anemonia                                    | D678  |
| Anarthropora                       | Y402  | <i>Anemonia</i>                             | D679  |
| Anarthrura                         | S1148 | anemoniae, Paranthessius                    | R1807 |
| Anarthuridae                       | S1115 | <i>angelini, Callizona</i>                  | P206  |
| Anarthurinae                       | S1143 | angelini, Rhynchonereella                   | P206  |
| Anarthurini                        | S1147 | <i>Angler</i>                               | ZG94  |
| Anas                               | ZJ94  | <i>Angler, Black-bellied</i>                | ZG93  |
| ANASPIDEA                          | W1138 | <i>Angler, Deep-sea</i>                     | ZG97  |
| Anatidae                           | ZJ89  | anglica, Boscia                             | R85   |
| anatifera, Lepas                   | R33   | anglica, Carinesta                          | G22   |
| anatiferae, Leponiscus             | S961  | anglica, Donsiella                          | R1130 |
| Anatoma                            | W93   | anglica, Eucythere                          | R2561 |
| anceps, Augaptilus                 | R159  | anglica, Monstrilla                         | R2375 |
| <i>anceps, Balcis</i>              | W638  | anglica, Oncaea                             | R1883 |
| <i>anceps, Eulima</i>              | W638  | anglica, Parastenhelia                      | R1140 |
| <i>anceps, Philbertia</i>          | W868  | anglicus, Corycaeus                         | R1993 |

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| anglicus, Mesocheres                    | R2090 | annulatus, Tubulanus                   | G28   |
| anglicus, Phyllochaetopterus            | P816  | annulicornis, Facelina                 | W1468 |
| angliorum, Paradoxostoma                | R2648 | annulosa, Ophiopsila                   | ZB130 |
| <i>anguicomus</i> , <i>Actinia</i>      | D722  | Anobothrus                             | P1146 |
| anguicomus, Parazoanthus                | D655  | anomala, Ampelisca                     | S425  |
| Anguilla                                | ZG10  | anomala, Mesochra                      | R1475 |
| anguilla, Anguilla                      | ZG11  | anomala, Neocrania                     | X8    |
| Anguillidae                             | ZG9   | Anomalocera                            | R320  |
| ANGUILLIFORMES                          | ZG8   | Anomalohalacarus                       | Q82   |
| anguina, Aetea                          | Y154  | anomalus, Anomalohalacarus             | Q84   |
| Anguinella                              | Y95   | anomalus, Microdeutopus                | S593  |
| anguineus, Chlamydoselachus             | ZF10  | <i>anomalus</i> , <i>Microdeutopus</i> | S595  |
| anguipeus, Ischyrocerus                 | S567  | anomalus, Rhinomolgus                  | R1987 |
| <i>Angular Rough-shark</i>              | ZF48  | Anomia                                 | W1806 |
| angularis, Brachionis                   | HA8   | ANOMIACEA                              | W1804 |
| angularis, Neopontius                   | R2113 | Anomiidae                              | W1805 |
| <i>angulata</i> , <i>Crassostrea</i>    | W1761 | anomioides, Platidia                   | X43   |
| angulata, Cythereis                     | R2571 | anomola, Ophiocantha                   | ZB137 |
| angulata, Haliclona                     | C1421 | ANOMURA                                | S1435 |
| angulata, Laomedea                      | D512  | Anonyx                                 | S278  |
| <i>angulata</i> , <i>Ossiania</i>       | W1050 | anonyx, Cyphocaris                     | S286  |
| angulata, Philina                       | W1050 | ANOPLA                                 | G2    |
| angulata, Semicytherura                 | R2549 | Anoplodactylus                         | Q42   |
| angulatus, Anoplodactylus               | Q43   | Anoplosoma                             | R1373 |
| <i>angulatus</i> , <i>Gellius</i>       | C1421 | Anoplostoma                            | HD42  |
| <i>angulatus</i> , <i>Philinorbis</i>   | W1050 | Anoplostomatidae                       | HD41  |
| angulatus, Tetrastemma                  | G119  | Anotrichium                            | ZM486 |
| angulifera, Ameiopsis                   | R1305 | Ansates                                | W233  |
| angulifrons, Halectinosoma              | R848  | Anser                                  | ZJ106 |
| angulifrons, Scaphocalanus              | R593  | anser, Anser                           | ZJ108 |
| angulosus, Gammarellus                  | S115  | anserifera, Lepas                      | R34   |
| Angulus                                 | W2010 | ANSERIFORMES                           | ZJ88  |
| angusta, Haplocope                      | S1123 | Anseropoda                             | ZB61  |
| angusta, Mysidopsis                     | S65   | Antalis                                | W1516 |
| angusta, Odostomia                      | W911  | antarcticus, Thliptodon                | W1235 |
| angusta, Sapphirina                     | R1905 | Antedon                                | ZB9   |
| angusta, Tarvaia                        | HD453 | <i>Antedon</i>                         | ZB15  |
| angusta, Tisbe                          | R984  | Antedonidae                            | ZB8   |
| angustata, Cytheridea                   | R2501 | antennaria, Harpinia                   | S254  |
| angusticeps, Haloptilus                 | R191  | Antennariidae                          | ZG101 |
| angusticeps, Spinocalanus               | R409  | Antennarius                            | ZG102 |
| angustifolius, Bulbamphiascus           | R1177 | antennata, Nerilla                     | P1046 |
| angustior, Lutraria                     | W1983 | antennata, Pseudopolydora              | P772  |
| <i>angustipes</i> , <i>Amphiascus</i>   | R1171 | antennatum, Tetranchyroderma           | HB75  |
| <i>angustissima</i> , <i>Pantoneura</i> | ZM612 | Antennella                             | D449  |
| angustus, Euaugaptilus                  | R170  | antennina, Nemertesia                  | D463  |
| angustus, Mesorhabdus                   | R249  | antennoides, Nemertesia pierreri var.  | D463  |
| aniara, Lumbrineris                     | P574  | Antheacheridae                         | R2038 |
| Anilocra                                | S825  | Anthessiidae                           | R1981 |
| Anilocrinae                             | S824  | Anthessius                             | R1984 |
| Anisarthus                              | S980  | Antho                                  | C1108 |
| anisopoda, Microjaera                   | S899  | <i>Antho</i>                           | C1225 |
| ankeli, Diplodasyus                     | HB56  | ANTHOATHECATAE                         | D140  |
| Annatiara                               | D233  | Anthopleura                            | D687  |
| Annectocyma                             | Y51   | Anthosoma                              | R2264 |
| Annectocymidae                          | Y50   | ANTHOZOA                               | D583  |
| ANNELIDA                                | P1    | Anthura                                | S802  |
| annelidicola, Loxosoma                  | K6    | Anthuridae                             | S801  |
| annexa, Desmacella                      | C878  | ANTHURIDEA                             | S800  |
| <i>annexa</i> , <i>Sigmatoxella</i>     | C878  | Anticoma                               | HD54  |
| <i>annexa</i> , <i>Tylodesma</i>        | C878  | Anticomidae                            | HD53  |
| annulata, Cribrilina                    | Y308  | antillarum, Bachelotia                 | ZR10  |
| annulata, Sphinctrella                  | C255  | antilopes, Harmothoe                   | P52   |
| annulatum, Eudendrium                   | D220  | <i>antilopis</i> , <i>Harmothoe</i>    | P52   |
| annulatus, Acanthochondrites            | R2022 | Antinoella                             | P37   |
| annulatus, Seison                       | HA121 | ANTIPATHARIA                           | D642  |



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| Antipathes                                | D644  | applanata, Ulvella                       | ZS133 |
| Antipathiidae                             | D643  | apricaria, Pluvialis                     | ZJ216 |
| antipodarum, Potamopyrgus                 | W393  | Apseudes                                 | S1173 |
| antiqua, Neptunea                         | W727  | Apseudidae                               | S1172 |
| <i>antiquata</i> , <i>Carinocythereis</i> | R2668 | APSEUDOIDEA                              | S1171 |
| <i>antiquatus</i> , <i>Azorinus</i>       | W2056 | APSEUDOMORPHA                            | S1170 |
| <i>antiquatus</i> , <i>Solecurtus</i>     | W2056 | apsteini, Tomopteris                     | P245  |
| antiquus, Synthliboramphus                | ZJ357 | apum, Tetranchyroderma                   | HB76  |
| Antithamnion                              | ZM489 | APYGOPHORA                               | R87   |
| Antithamnionella                          | ZM494 | aquaedulcis, Gianius                     | P1448 |
| Antomicron                                | HD421 | <i>aquaedulcis</i> , <i>Phallodrilus</i> | P1448 |
| Antonogadus                               | ZG106 | aquaticus, Asellus                       | S877  |
| Aonides                                   | P721  | aquaticus, Rallus                        | ZJ182 |
| Aora                                      | S578  | aquila, Myliobatis                       | ZF106 |
| Aoridae                                   | S577  | Arabella                                 | P587  |
| aper, Capros                              | ZG212 | arabica, Myriactula                      | ZR249 |
| aperta, Philine                           | W1038 | Arachnactidae                            | D637  |
| aperta, Tubulipora                        | Y28   | Arachnactis                              | D638  |
| <i>apertura</i> , <i>Diodora</i>          | W116  | Arachnanthus                             | D640  |
| Aphanodomus                               | R2193 | ARACHNIDA                                | Q52   |
| Aphanopus                                 | ZG490 | Arachnidiidae                            | Y85   |
| aphanothecae, Leptonemella                | HD378 | Arachnidium                              | Y86   |
| Aphelochaeta                              | P824  | Araeolaimus                              | HD612 |
| Apherusa                                  | S101  | Araeosoma                                | ZB188 |
| Aphia                                     | ZG456 | arana, Ophiopsila                        | ZB131 |
| Aphrodita                                 | P18   | araneus, Hyas                            | S1518 |
| <i>Aphrodite</i>                          | P18   | Araphura                                 | S1117 |
| Aphroditidae                              | P17   | arborescens, Aurila                      | R2567 |
| APHRODITOIDEA                             | P16   | <i>arborescens</i> , <i>Dendronotus</i>  | W1267 |
| Apistobranchidae                          | P709  | arbusculum, Eudendrium                   | D221  |
| Apistobranchus                            | P710  | Arca                                     | W1660 |
| Apletodon                                 | ZG83  | ARCAEA                                   | W1657 |
| Aplidium                                  | ZD33  | arcana, Littorina                        | W298  |
| APLOUSOBRANCHIATA                         | ZD4   | arcassonense, Siphonosoma                | N6    |
| Aplysia                                   | W1145 | arcassonense, Thalassema                 | O8    |
| APLYSIACEA                                | W1139 | arcassonensis, Acanthodasys              | HB54  |
| Aplysiidae                                | W1143 | arcassonensis, Heteroxenotrichula        | HB183 |
| Aplysiinae                                | W1144 | Archaeobalanidae                         | R63   |
| Aplysilla                                 | C1647 | ARCHAEOBRACHYURA                         | S1491 |
| Aplysina                                  | C1694 | ARCHAEOGASTROPODA                        | W90   |
| Aplysinidae                               | C1692 | Archidistoma                             | ZD15  |
| APODIDA                                   | ZB289 | Archidorididae                           | W1374 |
| Apodomyzon                                | R2128 | Archidoris                               | W1375 |
| Apodopsyllus                              | R1383 | Archileptastacus                         | R1502 |
| Apoglossocolax                            | ZM587 | Archisenia                               | R1586 |
| Apoglossum                                | ZM585 | <i>architecta</i> , <i>Phoronis</i>      | ZA8   |
| Apogonidae                                | ZG316 | ARCHITECTONICACEA                        | W883  |
| Apolemia                                  | D66   | Architeuthidae                           | W2351 |
| Apolemiidae                               | D65   | Architeuthis                             | W2352 |
| Apomatus                                  | P1347 | Arcidae                                  | W1658 |
| Aponema                                   | HD393 | arciger, Artemisina                      | C1117 |
| Aponuphis                                 | P538  | Arcinae                                  | W1659 |
| Aporrhaididae                             | W428  | ARCOIDA                                  | W1656 |
| Aporrhais                                 | W429  | Arcopagia                                | W2013 |
| appelofi, Laonice                         | P732  | Arcopella                                | W2016 |
| Appendiculana                             | ZD169 | <i>arcta</i> , <i>Coppinia</i>           | D382  |
| APPENDICULARIA                            | ZD160 | arcta, Spongomorpha                      | ZS41  |
| Appendicularia                            | ZD168 | <i>Arctic Rockling</i>                   | ZG131 |
| appendiculata, Chelophyes                 | D120  | <i>Arctic Skate</i>                      | ZF92  |
| appendiculata, Eumastia                   | C629  | <i>Arctic Skua</i>                       | ZJ297 |
| appendiculata, Marionina                  | P1562 | <i>Arctic Tem</i>                        | ZJ345 |
| appendiculatus, Elaterodiscus             | ZS89  | Arctica                                  | W2071 |
| appendiculatus, Lopadorrhynchus           | P218  | <i>arctica</i> , <i>Ampharete</i>        | P1136 |
| appendiculatus, Polygordius               | P1063 | arctica, Arctonula                       | Y355  |
| appendiculatus, Pseudocynus               | R2285 | arctica, Axinella                        | C538  |
| <i>applanata</i> , <i>Pseudulvella</i>    | ZS133 | <i>arctica</i> , <i>Bacescuella</i>      | P1436 |

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| arctica, Dimophyes                       | D118         | Arenomya                               | W2148        |
| arctica, Eumetula                        | W279         | Arenopontia                            | R1546        |
| arctica, Fratercula                      | ZJ355        | <i>Arenopontia</i>                     | <i>R1555</i> |
| arctica, Gavia                           | ZJ6          | arenosa, Aselomaris                    | D248         |
| arctica, Hiatella                        | W2166        | arenosa arenosa, Bodotria              | S1194        |
| <i>arctica</i> , <i>Onoba</i>            | <i>W368</i>  | arenosa, Eugyra                        | ZD159        |
| arctica, Panomya                         | W2170        | arenosa, Paramysis                     | S78          |
| arctica, Portlandia                      | W1634        | arenosa, Psammolyce                    | P102         |
| <i>arctica</i> , <i>Rissoa</i>           | <i>W368</i>  | Arenosetella                           | R821         |
| arctica, Sagitta elegans                 | L14          | arenosum, Heterolepidoderma            | HB161        |
| arctica, Sphacelaria                     | ZR289        | <i>arenosum</i> , <i>Rhizoclonium</i>  | <i>ZS218</i> |
| arctica, Trivia                          | W459         | Arenotrocha                            | P599         |
| <i>arctica</i> , <i>Yoldia</i>           | <i>W1634</i> | areolata, Harmothoe                    | P53          |
| ARCTICACEA                               | W2069        | areolata, Podocoryne                   | D276         |
| Arcticidae                               | W2070        | areolata, Polycope                     | R2438        |
| arcticus, Aktedrilus                     | P1436        | <i>areolatum</i> , <i>Sidnyum</i>      | <i>ZD30</i>  |
| arcticus, Bathypolypus                   | W2401        | areschougii, Myriactula                | ZR250        |
| arcticus, Herpyllobius                   | R2187        | argentatus, Larus                      | ZJ302        |
| arcticus, Leptychaster                   | ZB34         | <i>argentatus</i> , <i>Margarites</i>  | <i>W151</i>  |
| arcticus, Ophiopus                       | ZB145        | argentatus, Onogadus                   | ZG131        |
| arcticus, Pontocrates                    | S134         | argentea, Marionina                    | P1564        |
| arcticus, Sergestes                      | S1288        | argentea, Sertularia                   | D434         |
| arcticus, Spinther                       | P532         | argenteus, Diretmus                    | ZG202        |
| arcticus, Trachipterus                   | ZG222        | argenteus, Gadiculus                   | ZG114        |
| Arctinula                                | W1796        | argenteus, Pampus                      | ZG544        |
| Arctonula                                | Y355         | Argentina                              | ZG56         |
| Arcturella                               | S949         | <i>Argentine</i>                       | <i>ZG58</i>  |
| Arcturidae                               | S948         | <i>Argentine</i> , <i>Large</i>        | <i>ZG57</i>  |
| arctus, Scyllarus                        | S1434        | <i>Argentine</i> , <i>Sheppy</i>       | <i>ZG71</i>  |
| arcuata, Amalothrix                      | R575         | Argentinidae                           | ZG55         |
| arcuata, Paracysterois                   | R2643        | Argestes                               | R1634        |
| arcuatus, Ensis                          | W1998        | Argestidae                             | R1633        |
| arcuatus, Liocarcinus                    | S1578        | Argestigens                            | R1636        |
| arcuicornis, Clausocalanus               | R415         | Argilloecia                            | R2700        |
| Arculus                                  | W1918        | Argissa                                | S359         |
| Ardea                                    | ZJ64         | Argissidae                             | S358         |
| Ardeidae                                 | ZJ63         | Argonotholca                           | HA5          |
| Ardeola                                  | ZJ67         | argus, Eucythere                       | R2562        |
| ardissoni, Rhodymenia                    | ZM463        | argus, Lepidasthenia                   | P78          |
| ardreana, Pterosiphonia                  | ZM683        | argus, Morchellium                     | ZD28         |
| Arenaria                                 | ZJ226        | argus, Prostheceraeus                  | F106         |
| arenaria, Carinina                       | G24          | <i>argyllense</i> , <i>Lissoclinum</i> | <i>ZD65</i>  |
| arenaria, Cephalothrix                   | G9           | argyllensis, Halectinosoma             | R849         |
| arenaria, Hesionides                     | P324         | Argyropelecus                          | ZG67         |
| arenaria, Marionina                      | P1563        | Argyrosomus                            | ZG366        |
| arenaria, Mya                            | W2149        | Argyrotheca                            | X34          |
| arenarium, Corophium                     | S609         | Arhodeoporus                           | Q89          |
| arenarius, Clitellio                     | P1477        | Ariadnaria                             | W445         |
| <i>arenarius</i> , <i>Enchytraeoides</i> | <i>P1539</i> | Aricidea                               | P675         |
| arenarius, Halichaetonotus               | HB149        | Arietellidae                           | R209         |
| arenarius, Haustorius                    | S462         | Arietellus                             | R210         |
| arenarius, Lumbricillus                  | P1539        | arietina, Ditrupa                      | P1329        |
| arenarius, Pontocrates                   | S135         | aripes, Loxosomella                    | K16          |
| Arenicola                                | P929         | Aristias                               | S281         |
| arenicola, Gyptis                        | P298         | aristotelis, Phalacrocorax             | ZJ56         |
| <i>arenicola</i> , <i>Leptopsyllus</i>   | <i>R1386</i> | Armadillidiidae                        | S1094        |
| arenicola, Mesocletodes                  | R1656        | Armadillidiinae                        | S1095        |
| arenicola, Proameira                     | R1336        | Armadillidium                          | S1096        |
| arenicola, Remanea                       | R1419        | armadillo, Euphrosine                  | P525         |
| Arenicolidae                             | P928         | ARMADILLOIDEA                          | S1090        |
| Arenicolides                             | P935         | armandi, Carinoma                      | G6           |
| arenicolum, Meiorhopalon                 | D152         | armandi, Orbinia                       | P663         |
| arenicolus, Anthessius                   | R1983        | armandi, Oriopsis                      | P1304        |
| arenicolus, Apodopsyllus                 | R1386        | Armandia                               | P1009        |
| arenivorus, Polycirrus                   | P1236        | armata, Asparagopsis                   | ZM143        |
| Arenocaris                               | R1504        | <i>armata</i> , <i>Brodiella</i>       | <i>Y535</i>  |

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| armata, Buffonellaria           | Y535         | Arthrocladiaceae               | ZR329        |
| armata, Candacia                | R310         | Arthropoma                     | Y434         |
| armata, Galiteuthis             | W2386        | Arthroposyllus                 | R1767        |
| armata, Microciona              | C1187        | arthropyreniae, Dilabifilum    | ZS256        |
| armata, Odontophora             | HD602        | ARTHROTARDIGRADA               | V3           |
| armata, Paradoneis              | P696         | ARTICULATA                     | X9           |
| <i>armata, Paradoneis</i>       | <i>P696</i>  | articulata, Lomentaria         | ZM455        |
| armata, Pisa                    | S1539        | <i>articulata, Salacia</i>     | <i>D426</i>  |
| armata, Polydora                | P749         | articulata, Thuiaria           | D442         |
| armata, Procampylaspis          | S1230        | <i>articulosum, ?Halecium</i>  | <i>D398</i>  |
| armata, Siriella                | S34          | Artioposthia                   | F48          |
| armata, Spio                    | P788         | Artotrogidae                   | R2097        |
| armata, Syllidia                | P321         | Artotrogus                     | R2098        |
| armata, Vibilia                 | S707         | arupinensis, Nannomesochra     | R1488        |
| armatum, Heterolepidoderma      | HB162        | <i>aryvae, Loxosomella</i>     | <i>K17</i>   |
| <i>armatum, Spanioplion</i>     | <i>C951</i>  | Asa                            | W2127        |
| armatum, Spanioplion            | C973         | Asbestopluma                   | C861         |
| <i>armatus, Aetideus</i>        | <i>R433</i>  | ascanii, Chirolophis           | ZG425        |
| <i>armatus, Chiridius</i>       | <i>R429</i>  | ascaris, Aclis                 | W590         |
| <i>armatus, Laetmatophilus</i>  | <i>S631</i>  | ascendens, Microciona          | C1189        |
| armatus, Acontiphorus           | R2068        | Ascidia                        | ZD87         |
| armatus, Aetideopsis            | R429         | ASCIDIACEA                     | ZD2          |
| armatus, Aetideus               | R433         | ascidiae, Stenothoe            | S208         |
| armatus, Bradyidius             | R437         | Ascidicola                     | R731         |
| armatus, Echinocletodes         | R1774        | Ascidicolidae                  | R729         |
| armatus, Laophontodes           | R1779        | Ascidicolinae                  | R730         |
| armatus, Mesenchytraeus         | P1576        | Ascidiella                     | ZD83         |
| armatus, Metarhombognathus      | Q64          | Ascidiidae                     | ZD82         |
| armatus, Nematonurus            | ZG163        | Asclerocheilus                 | P1021        |
| <i>Armed Gurnard</i>            | <i>ZG267</i> | Ascolaimus                     | HD599        |
| armiferum, Halectinosoma        | R850         | Ascomorpha                     | HA47         |
| armiger, Gaetanus               | R462         | ASCOPHORINA                    | Y303         |
| <i>armiger, Scoloplos</i>       | <i>B33</i>   | Ascophyllum                    | ZR374        |
| armiger, Scoloplos              | P672         | Asellidae                      | S875         |
| armiger, Semnoderes             | HC22         | asellina, Lernentoma           | R2031        |
| <i>armillaris, Syllis</i>       | <i>P365</i>  | ASELLOIDEA                     | S874         |
| armillaris, Typosyllis          | P365         | Asellopsis                     | R1668        |
| Armina                          | W1399        | ASELLOTA                       | S873         |
| ARMINACEA                       | W1394        | Asellus                        | S876         |
| Arminidae                       | W1398        | <i>asellus, Lepidopleurus</i>  | <i>W53</i>   |
| Armorhydra                      | D536         | asellus, Leptochiton           | W53          |
| <i>armorica, Crouiella</i>      | <i>ZM384</i> | asellus, Oniscus               | S1089        |
| armorica, Peyssonnelia          | ZM384        | Aselomaris                     | D247         |
| armoricana, Ampelisca           | S426         | asetosa, Diplopeltula          | HD623        |
| armoricana, Bodotria            | S1195        | asetosa, Oxystomina            | HD94         |
| armoricana, Circeis             | P1366        | asiaticus, Charadrius          | ZJ205        |
| armoricana fragilis, Circeis    | P1367        | Aslia                          | ZB277        |
| armoricana, Mesochra            | R1476        | asparagoides, Bonnemaisionia   | ZM146        |
| armoricana, Mesonerilla         | P1035        | Asparagopsis                   | ZM142        |
| armoricana, Munna               | S902         | asparagopsis, Audouinella      | ZM71         |
| armoricana paguri, Circeis      | P1368        | asper, Taractes                | ZG345        |
| armoricana, Paraturbanella      | HB97         | <i>aspera, Carinocythereis</i> | <i>R2669</i> |
| <i>armoricanus, Scambicomus</i> | <i>R1815</i> | aspera, Eurynome               | S1536        |
| armoricum, Caecum               | W416         | aspera, Leuconia               | C89          |
| <i>armoricum, Ceramium</i>      | <i>ZM520</i> | <i>aspera, Patella</i>         | <i>W230</i>  |
| <i>Armoured Rat-tail</i>        | <i>ZG163</i> | Asperococcus                   | ZR162        |
| arndti, Plocamiancora           | C994         | asperima, Acanthicolepis       | P27          |
| Arnoglossus                     | ZG560        | <i>asperima, Philbertia</i>    | <i>W860</i>  |
| arquata, Numenius               | ZJ267        | <i>asperima, Raphitoma</i>     | <i>W860</i>  |
| arrecta, Puellina               | Y316         | aspersa, Ascidiella            | ZD84         |
| Arrhis                          | S119         | aspersa, Okenia                | W1308        |
| Artacama                        | P1225        | <i>aspersa, Okenia</i>         | <i>W1311</i> |
| Artacaminae                     | P1224        | <i>aspersa, Okenia</i>         | <i>W1312</i> |
| Artediellus                     | ZG274        | asperum, Didemnum              | ZD50         |
| Artemisina                      | C1116        | Aspidelectra                   | Y181         |
| Arthrocladia                    | ZR330        | Aspidiophorus                  | HB124        |

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| ASPIDOCHIROTIDA                | ZB230 | atkinsae, Loxosomella                           | K17   |
| Aspidoconcha                   | R2635 | <i>Atlantic Flying-fish</i>                     | ZG178 |
| Aspidoecia                     | R2132 | <i>Atlantic Football-fish</i>                   | ZG100 |
| Aspidophryxus                  | S982  | <i>Atlantic Gymnast</i>                         | ZG64  |
| Aspidosiphon                   | N46   | <i>Atlantic Hook-ear Sculpin</i>                | ZG275 |
| Aspidosiphonidae               | N45   | <i>Atlantic Puffin</i>                          | ZJ355 |
| ASPIDOSIPHONIFORMES            | N44   | atlantica, Ambasia                              | S277  |
| aspinosus, Botryllophilus      | R769  | atlantica, Cervera                              | D590  |
| Aspitrigla                     | ZG261 | atlantica, <i>Comularia</i>                     | D590  |
| Asplanchna                     | HA67  | atlantica, Geodia                               | C224  |
| Asplanchnidae                  | HA66  | atlantica, Idmidronea                           | Y36   |
| assimilis, Adyte               | P31   | atlantica, Lucicutia                            | R255  |
| assimilis, <i>Ampelisca</i>    | S429  | atlantica, <i>Microsetella</i>                  | R893  |
| assimilis, Cheirocratus        | S504  | atlantica, <i>Microspio</i>                     | P744  |
| assimilis, Diarthrodes         | R1102 | atlantica, Muggiaea                             | D115  |
| assimilis, Eusyllis            | P379  | atlantica, Nausithoe                            | D23   |
| assimilis, Nephtys             | P495  | atlantica, Phronima                             | S747  |
| assimilis, Parapleustes        | S145  | atlantica, <i>Phronima</i>                      | S749  |
| assimilis, Pseudanthessius     | R1864 | atlantica, Polysiphonia                         | ZM656 |
| assimilis, Puffinus            | ZJ34  | atlantica, Pontella                             | R328  |
| assimilis, <i>Scalisetosus</i> | P31   | atlantica, Ratania                              | R2064 |
| Assimineae                     | W401  | atlantica, Sacculina                            | R121  |
| Assimineidae                   | W399  | atlantica, Sepiola                              | W2329 |
| Assimineinae                   | W400  | atlantica, Synchaeta                            | HA76  |
| astaci, Nicothoe               | R2146 | atlantica, <i>Tritodynamia</i>                  | S1641 |
| ASTACIDEA                      | S1396 | atlanticum, <i>Codium fragile</i> ssp.          | ZS249 |
| Astacilla                      | S952  | atlanticum, Pyrosoma                            | ZD212 |
| ASTARTACEA                     | W1920 | atlanticum, Siboglinum                          | M9    |
| Astarte                        | W1922 | atlanticus, <i>Aegisthus</i>                    | R818  |
| Astartidae                     | W1921 | atlanticus, Ardiellus                           | ZG275 |
| Asterias                       | ZB99  | atlanticus, Asthenognathus                      | S1641 |
| asterias, Mustelus             | ZF37  | atlanticus, Brachycalanus                       | R541  |
| Astericola                     | R1823 | atlanticus, Ectyodoryx                          | C1032 |
| astericola, <i>Acholoe</i>     | P29   | atlanticus <i>europaeus</i> , <i>Ardiellus</i>  | ZG275 |
| Asteriidae                     | ZB96  | atlanticus, Halichaetonotus                     | HB150 |
| Asterina                       | ZB58  | atlanticus, Haliphron                           | W2407 |
| asterinae, <i>Astericola</i>   | R1824 | atlanticus, Leocrates                           | P309  |
| Asterinidae                    | ZB57  | atlanticus, Tetragonurus                        | ZG540 |
| Asterocheres                   | R2070 | Atolla  | D26   |
| <i>Asterocheres</i>            | R2075 | Atollidae                                       | D25   |
| Asterocheridae                 | R2066 | atomaria, Taonia                                | ZR321 |
| Asterocolax                    | ZM589 | atomata, Notoplana                              | F89   |
| asterodermi, Luetkenia         | R2258 | atomus, Omalogyra                               | W901  |
| ASTEROIDEA                     | ZB18  | atra, Fulica                                    | ZJ169 |
| Asteronychidae                 | ZB107 | Atractophora                                    | ZM150 |
| Asteronyx                      | ZB108 | <i>atrasanguinea</i> , <i>Plumohalichondria</i> | C1190 |
| Asthenognathinae               | S1639 | <i>atrasanguinea</i> , Microciona               | C1190 |
| Asthenognathus                 | S1640 | atricilla, Larus                                | ZJ303 |
| Astropecten                    | ZB25  | Atrina  | W1732 |
| Astropectinidae                | ZB24  | Atrochromadora                                  | HD185 |
| ASTROPHORIDA                   | C176  | atropurpurea, Bangia                            | ZM52  |
| Asychis                        | P946  | atropurpurea, Peyssonnelia                      | ZM385 |
| asymmetrica, <i>Ihleia</i>     | ZD199 | atroviridis, Thamniochloris                     | ZS127 |
| asymmetrica, Paroxystomina     | HD100 | atrox, Chaetonotus                              | HB131 |
| Atagama                        | W1377 | attenuata, Ameira                               | R1286 |
| Atelecyclidae                  | S1553 | attenuata, Audouinella                          | ZM72  |
| Atelecyclus                    | S1554 | attenuata, Crouania                             | ZM531 |
| Atergia                        | C352  | attenuata, Diphasia                             | D415  |
| Athanas                        | S1332 | attenuata, Interleptomesochra                   | R1312 |
| ATHECANEPHRIDA                 | M3    | attenuata, Leptoganthiopsis                     | S1125 |
| Athelges                       | S984  | attenuata, Mangelia                             | W797  |
| Atherina                       | ZG192 | attenuata, Prochromadorella                     | HD202 |
| Atherinidae                    | ZG191 | attenuata, Pseudobradya                         | R902  |
| ATHERINIFORMES                 | ZG190 | attenuata, Striaria                             | ZR207 |
| Atherospio                     | P724  | <i>attenuatus</i> , Colus                       | W717  |
| athletica, Patella             | W230  | <i>attenuatus</i> , <i>Colus tortuosus</i>      | W717  |

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| attenuatus, Eucalanus          | R393         | Autonoe                         | S581         |
| attenuatus, Heteroptilus       | R203         | Auxis                           | ZG499        |
| attenuatus, Oncholaimus        | HD118        | avara, Dysidea                  | C1668        |
| attenuatus, Pseudamphiascopsis | R1217        | AVES                            | ZJ1          |
| Atyaephyra                     | S1302        | avicularia, Bugula              | Y241         |
| Atyidae                        | S1301        | avicularis, Turbicellepora      | Y504         |
| atyli, Sphaeronella            | R2151        | <i>Avocet</i>                   | <i>ZJ191</i> |
| Atylus                         | S102         | <i>Avocet, Pied</i>             | <i>ZJ191</i> |
| ATYOIDEA                       | S1294        | Avocettina                      | ZG19         |
| Audouinella                    | ZM72         | avosetta, Recurvirostra         | ZJ191        |
| <i>Audouinella</i>             | <i>ZM175</i> | axi, Ecnentrum                  | HA53         |
| audouiniana, Perrierella       | S326         | axi, Heterolepidoderma          | HB163        |
| Augaptilidae                   | R155         | axi, Psammocamptus              | R1492        |
| Augaptilina                    | R156         | axi, Trilobodrilus              | P646         |
| AUGAPTILOIDEA                  | R154         | Axiidae                         | S1405        |
| Augaptilus                     | R158         | Axinella                        | C536         |
| <i>augeneri, Hesionura</i>     | <i>P122</i>  | axinellae, Parazoanthus         | D656         |
| <i>augusta, Capnea</i>         | <i>D692</i>  | Axinellidae                     | C526         |
| <i>Auk, Little</i>             | <i>ZJ351</i> | Axinophilus                     | R2402        |
| Aulactinia                     | D685         | Axinulus                        | W1843        |
| <i>aulogaster, Ammotrypane</i> | <i>P1014</i> | Axionice                        | P1186        |
| AULOPIFORMES                   | ZG74         | Axius                           | S1406        |
| <i>aurantia, Cuthona</i>       | <i>W1430</i> | Axonolaimidae                   | HD589        |
| aurantia, Xestoleberis         | R2682        | Axonolaimus                     | HD590        |
| <i>aurantia, Xestoleberis</i>  | <i>R2686</i> | Aythya                          | ZJ116        |
| aurantiaca, Madrella           | W1404        | azevia, Microchirus             | ZG587        |
| aurantiaca, Micrura            | G60          | azorica, Macandrewia            | C284         |
| <i>aurantiaca, Proceraea</i>   | <i>P436</i>  | Azorinus                        | W2055        |
| aurantiaca, Sepiola            | W2327        |                                 |              |
| aurantiacus, Autolytus         | P436         | <b>B</b>                        |              |
| aurantiacus, Polycirrus        | P1237        | <b>baccata, Cystoseira</b>      | <b>ZR365</b> |
| <i>aurantium, Donatia</i>      | <i>C340</i>  | bacci, Ophryotrocha             | P614         |
| aurantium, Polyclinum          | ZD22         | <i>Bacescuella</i>              | <i>P1435</i> |
| aurantium, Tethya              | C340         | Bachelotia                      | ZR9          |
| aurata, Euphysa                | D157         | bacillaris, Stichococcus        | ZS61         |
| aurata, Liza                   | ZG382        | baculifera, Hymedesmia          | C925         |
| aurata, Sparus                 | ZG361        | badia, Callistocythere          | R2592        |
| aurea, Eulalia                 | P151         | bahusia, Styelicola             | R734         |
| <i>aurea, Paphia</i>           | <i>W2112</i> | bahusiensis, Eumida             | P164         |
| aurea, Phisidia                | P1215        | bahusiensis, Laonice            | P733         |
| <i>aurea, Venerupis</i>        | <i>W2112</i> | <i>Baikal Teal</i>              | <i>ZJ100</i> |
| Aurelia                        | D47          | bailloni, Crenilabrus           | ZG394        |
| Aureliania                     | D691         | <i>Baillon's Crake</i>          | <i>ZJ180</i> |
| Aurelianiidae                  | D690         | <i>Baillon's Wrasse</i>         | <i>ZG394</i> |
| <i>aurellii, Zaus</i>          | <i>R971</i>  | baillouviana, Dasya             | ZM575        |
| aureus, Tapes                  | W2112        | bairdi, Streblosoma             | P1251        |
| auricoma, Amphictene           | P1102        | bairdii, Alepocephalus          | ZG61         |
| auricula, Amage                | P1130        | <i>bairdii, Alepocephalus</i>   | <i>ZG62</i>  |
| auricula, Haliclystus          | D11          | bairdii, Calidris               | ZJ234        |
| auriculata, Facelina           | W1469        | <i>bairdii, Platoma</i>         | <i>ZM381</i> |
| auriculata, Schizomavella      | Y468         | <i>bairdii, Sarsicytheridea</i> | <i>R2514</i> |
| Auriculinella                  | W1507        | bairdii, Tima                   | D377         |
| Aurila                         | R2566        | bairdii, Tsengia                | ZM381        |
| aurilucens, Pycnoclavella      | ZD11         | Bairdiidae                      | R2460        |
| aurita, Aurelia                | D48          | BAIRDIOIDEA                     | R2459        |
| auritum, Amphiblestrum         | Y222         | <i>Baird's Sandpiper</i>        | <i>ZJ234</i> |
| auritum, Conchoderma           | R30          | <i>Baird's Smooth-head</i>      | <i>ZG61</i>  |
| auritus, Notopterophorus       | R717         | bakeri, Cyclosalpa              | ZD190        |
| auritus, Phalacrocorax         | ZJ57         | bakeri, Paraktedrilus           | P1456        |
| auritus, Podiceps              | ZJ12         | <i>bakeri, Phallodrilus</i>     | <i>P1456</i> |
| auropecten, Scolecithricella   | R602         | Balaena                         | ZK72         |
| <i>australis, Galeolaria</i>   | <i>D104</i>  | Balaenidae                      | ZK71         |
| australis, Bathylaimus         | HD152        | Balaenophilidae                 | R1135        |
| Austrosyrrohoe                 | S350         | Balaenophilus                   | R1136        |
| Autolytinae                    | P433         | Balaenoptera                    | ZK64         |
| Autolytus                      | P434         | balaenoptera, Pennella          | R2312        |

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| Balaenopteridae                  | ZK63  | barbatum, Ophidion               | ZG171 |
| balani, Boschmaella              | R129  | barbatus, Camacolaimus           | HD442 |
| balani, Hemioniscus              | S959  | barbatus, Erignathus             | ZK17  |
| Balanidae                        | R73   | barbatus, Modiolus               | W1701 |
| balanoglossoides, Psammodrillus  | P864  | Barentsia                        | K50   |
| Balanoglossus                    | ZC25  | Barentsiidae                     | K49   |
| BALANOIDEA                       | R59   | barleei, Chartella               | Y191  |
| balanoides, Semibalanus          | R70   | barleei, Clathria                | C1132 |
| <i>balanoides, Semibalanus</i>   | V24   | Barleeia                         | W322  |
| BALANOMORPHA                     | R42   | Barleeidae                       | W320  |
| Balanophyllia                    | D797  | Barleeinae                       | W321  |
| Balanus                          | R74   | barleii, Cerithiopsis            | W273  |
| balanus, Balanus                 | R76   | <i>Barnacle Goose</i>            | ZJ123 |
| <i>balaustina, Arcopagia</i>     | W2017 | <i>barnardi, Limnodriloides</i>  | P1471 |
| balaustina, Arcopella            | W2017 | Barnea                           | W2179 |
| <i>balaustina, Tellina</i>       | W2017 | barneae, Herrmannella            | R1828 |
| balbisiana, Bryopsis             | ZS227 | <i>Barracudina</i>               | ZG80  |
| Baldia                           | P904  | <i>Barrelfish</i>                | ZG532 |
| Balistes                         | ZG597 | <i>Barrow's Goldeneye</i>        | ZJ128 |
| Balistidae                       | ZG596 | <i>Bar-tailed Godwit</i>         | ZJ260 |
| <i>Balkan Wrasse</i>             | ZG399 | barthii, Ekmania                 | ZB285 |
| balli, Ophiactis                 | ZB143 | <i>bartonensis, Krithe</i>       | R2518 |
| balli, Anthopleura               | D688  | <i>bartrami, Sthenoteuthis</i>   | W2376 |
| balneolensis, Brementia          | R690  | Bartramia                        | ZJ228 |
| balthica, Macoma                 | W2029 | bartramii, Ommastrephes          | W2376 |
| baltica, Ampharete               | P1134 | barvicensis, Trophon             | W675  |
| baltica, Dactylopodola           | HB5   | <i>barvicensis, Trophonopsis</i> | W675  |
| baltica, Elofsonia               | R2608 | Baseodiscus                      | G74   |
| baltica, Fabriciola              | P1285 | <i>Basking Shark</i>             | ZF19  |
| baltica, Idotea                  | S935  | <i>Bass</i>                      | ZG312 |
| baltica, Laophonte               | R1699 | <i>bass, Stone</i>               | ZG315 |
| baltica, Leptocythere            | R2596 | bassanus, Morus                  | ZJ61  |
| baltica, Sagitta elegans         | L15   | bassensis, Bassia                | D135  |
| baltica, Synchaeta               | HA77  | Bassia                           | D134  |
| baltica, Thalassarachna          | Q116  | basteri, Thalassarachna          | Q117  |
| Balticina                        | D619  | bastiani, Theristus              | HD523 |
| <i>balticum, Sphaerodoridium</i> | P286  | <i>batava, Corambe</i>           | W1296 |
| balticum, Sphaerodoropsis        | P286  | <i>batava, Doridella</i>         | W1296 |
| balticus, Chaetonotus            | HB132 | <i>batei, Orchomene</i>          | S320  |
| balticus, Hypodontolaimus        | HD232 | batei, Pseudoparatanais          | S1140 |
| balticus, Sphaerolaimus          | HD554 | Bathyarca                        | W1666 |
| balzaci, Collarina               | Y314  | Bathybela                        | W780  |
| <i>Band-fish, Red</i>            | ZG377 | Bathybiaster                     | ZB29  |
| Bangia                           | ZM51  | Bathycalanus                     | R351  |
| Bangiaceae                       | ZM50  | Bathycamptus                     | R1454 |
| BANGIALES                        | ZM49  | Bathychaetus                     | P1032 |
| bangioides, Urospora             | ZS71  | Bathycrinicola                   | W605  |
| <i>bangioides, Urospora</i>      | ZS71  | Bathycrinidae                    | ZB4   |
| BANGIOPHYCIDAE                   | ZM3   | Bathydrius                       | P1440 |
| Bankia                           | W2212 | Bathylaimus                      | HD151 |
| Bankiinae                        | W2211 | Bathynectes                      | S1574 |
| banksii, Onychoteuthis           | W2347 | <i>Bathynereis</i>               | P1047 |
| <i>bansei, Macrochaeta</i>       | P890  | bathyphila, Lucernaria           | D14   |
| banyulensis, Haplostoma          | R759  | Bathyplotes                      | ZB235 |
| banyulensis, Nematomenia         | W18   | Bathypolypodinae                 | W2399 |
| banyulensis, Prionospio          | P766  | Bathypolypus                     | W2400 |
| banyulensis, Tubulanus           | G29   | Bathypontia                      | R388  |
| <i>baratariae, Corambella</i>    | W1296 | Bathypontiidae                   | R387  |
| <i>barbata, Griffithsia</i>      | ZM487 | BATHYPONTIOIDEA                  | R386  |
| <i>barbata, Leuconia</i>         | C90   | Bathyporeia                      | S451  |
| <i>barbata, Leuconia</i>         | C92   | Bathyraja                        | ZF82  |
| <i>barbata, Leuconia</i>         | C93   | Bathysolea                       | ZG582 |
| <i>barbata, Leuconia</i>         | C94   | Bathyteuthidae                   | W2357 |
| barbata, Mysta                   | P126  | Bathyteuthis                     | W2358 |
| barbata, Pareuchaeta             | R496  | BATIDOIDIMORPHA                  | ZF74  |
| barbatum, Anotrichium            | ZM487 | batillifer, Halichaetonotus      | HB151 |

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| Batillipedidae                 | V4           | Benthodesmus                             | ZG492        |
| Batillipes                     | V5           | Benthopectinidae                         | ZB39         |
| batis, Raja                    | ZF86         | bergensis, Leptosynapta                  | ZB292        |
| battagliai, Tisbe              | R985         | bergensis, Spiochaetopterus              | P819         |
| battersiana, Audouinella       | ZM73         | bergensis, Tetragoniceps                 | R1449        |
| battersii, Cladophora          | ZS198        | bergensis, Zosime                        | R1021        |
| battersii, Kuetzingiella       | ZR49         | berglax, Macrourus                       | ZG161        |
| Batzella                       | C792         | bergylla, Labrus                         | ZG399        |
| bayonnensis, Enteromorpha      | ZS150        | Beringius                                | W711         |
| Bdellocephala                  | F40          | berkeleyana, Pileolaria                  | P1386        |
| BDELLOIDA                      | HA114        | <i>berkeleyi</i> , <i>Cylindrocarpus</i> | ZR258        |
| BDELLONEMERTEA                 | G142         | berkeleyi, Fabriciola cf.                | P1286        |
| <i>Beadlet anemone</i>         | <i>D675</i>  | berkeleyi, Petrospongium                 | ZR258        |
| <i>Beaked Whale, Cuvier's</i>  | <i>ZK59</i>  | bernadetti, Cerberilla                   | W1492        |
| <i>Beaked Whale, Gervais'</i>  | <i>ZK56</i>  | bernhardus, Pagurus                      | S1457        |
| <i>Beaked Whale, Sowerby's</i> | <i>ZK55</i>  | bernicla, Branta                         | ZJ121        |
| <i>Beaked Whale, True's</i>    | <i>ZK57</i>  | Beroe                                    | E14          |
| <i>Bean Goose</i>              | <i>ZJ112</i> | BEROIDA                                  | E12          |
| <i>beani, Turbona</i>          | <i>W338</i>  | Beroidae                                 | E13          |
| Beania                         | Y260         | Berthella                                | W1158        |
| beaniana, Reteporella          | Y523         | Berthellina                              | W1161        |
| beanii, Alvania                | W338         | bertholdii, Ceramium                     | ZM508        |
| <i>beanii, Dictyocladia</i>    | <i>C1113</i> | bertolonii, Ulva                         | ZS175        |
| beanii, Halecium               | D391         | Berycidae                                | ZG196        |
| <i>beanii, Isodictya</i>       | <i>C1113</i> | BERYCIFORMES                             | ZG195        |
| Beaniidae                      | Y259         | berylli, Raricirrus                      | P856         |
| <i>Bearded Seal</i>            | <i>ZK16</i>  | Beryx                                    | ZG197        |
| beauchampi, Synoicum           | ZD24         | <i>Beryx</i>                             | <i>ZG198</i> |
| beaumonti, Cumanotus           | W1455        | <i>Beryx, Lowe's</i>                     | <i>ZG199</i> |
| beaumonti, Tetrastemma         | G120         | Besla                                    | W929         |
| beaumontiana, Oxyplia          | G46          | <i>betencourti, Enterocola</i>           | <i>R742</i>  |
| beautempsi, Edwardsia          | D765         | <i>Bewick's Swan</i>                     | <i>ZJ132</i> |
| beduina, Pseudobradya          | R903         | biantennata, Mesonerilla                 | P1036        |
| Belbolla                       | HD136        | <i>Bib</i>                               | <i>ZG143</i> |
| belgica, Pectinaria            | P1109        | bicarinata, Aega                         | S814         |
| <i>belgica, Pedicellina</i>    | <i>K53</i>   | bicaudatus, Priapulid                    | J6           |
| <i>belgicae, Aricidea cf.</i>  | <i>P681</i>  | bicaudatus, Pseudocharopinus             | R2362        |
| bella, Smittina                | Y456         | Bicellariella                            | Y255         |
| <i>bella, Solariella</i>       | <i>W190</i>  | Bicellarina                              | Y257         |
| <i>bellianus, Ampelisca</i>    | <i>S427</i>  | biceps, Asychis                          | P947         |
| bellianus, Cancer              | S1565        | biclava, Paradanielssenia                | R1598        |
| bellii, Marphysa               | P564         | bicolor, Pandarus                        | R2247        |
| <i>bellis, Actinia</i>         | <i>D717</i>  | bicornis, Icelus                         | ZG277        |
| bellis, Tubularia              | D164         | bicornis, Laophontodes                   | R1780        |
| bellones, Bomolochus           | R2004        | bicornis, Ophelia                        | P998         |
| <i>bellula, Calliopaea</i>     | <i>W1121</i> | bicornis, Synchaeta                      | HA78         |
| bellulus, Stiliger             | W1121        | Bicrisia                                 | Y9           |
| <i>bellulus, Stiliger</i>      | <i>W1122</i> | <i>bicuspidata, Obelia</i>               | <i>D518</i>  |
| Belone                         | ZG184        | bicuspidatus, Cyclops                    | R665         |
| belone, Belone                 | ZG185        | <i>bicuspis, Neopleustes</i>             | <i>S146</i>  |
| belones, Caligus               | R2208        | bicuspis, Parapleustes                   | S146         |
| Belonidae                      | ZG183        | <i>bicuspis, Pherusa</i>                 | <i>S103</i>  |
| BELONIFORMES                   | ZG175        | bidens, Mesoplodon                       | ZK55         |
| belopus, Orzeliscus            | V14          | <i>bidentata, Auriculella</i>            | <i>W1508</i> |
| benedeni, Barentsia            | K51          | bidentata, Auriculinella                 | W1508        |
| <i>benedeni, Peloscolex</i>    | <i>P1490</i> | bidentata, Dynamene                      | S865         |
| <i>benedeni, Peloscolex</i>    | <i>P1496</i> | <i>bidentata, Leuconia</i>               | <i>W1508</i> |
| <i>benedeni, Tubificoides</i>  | <i>P1490</i> | <i>bidentata, Leucophytia</i>            | <i>W1508</i> |
| benedicti, Syllides            | P407         | bidentata, Mysella                       | W1906        |
| <i>benedii, Edukemius</i>      | <i>P1490</i> | bidentata, Obelia                        | D518         |
| benedii, Tubificoides          | P1490        | bidentata, Oothrix                       | R554         |
| <i>benedii, Tubificoides</i>   | <i>P1496</i> | bidentata, Ophiocantha                   | ZB138        |
| benepapillosus, Trissonchulus  | HD64         | bidentata, Protomystides                 | P133         |
| bengalensis, Sterna            | ZJ338        | bidentata, Streptosyllis                 | P403         |
| Bentharca                      | W1663        | bidentatus, Phyllopus                    | R228         |
| Benthoctopus                   | W2402        | bidiscalis, Lernaepoda                   | R2347        |

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| Biemna  | C873  | bispinosus, Leptocheirus                 | S587  |
| bifida, Antedon                                     | ZB10  | bispinosus neglecta, Philoceras          | S1386 |
| <i>bifida</i> , <i>Antedon</i>                      | ZB11  | Bispira                                  | P1260 |
| bifida, Arenocaris                                  | R1505 | bisporum, Phymatolithon                  | ZM253 |
| bifida, Hermaea                                     | W1130 | bisquamosus, Aspidiophorus               | HB125 |
| bifida, Puellina                                    | Y317  | bisulcus, Halacarus                      | Q113  |
| bifilosa, Acartia                                   | R341  | <i>Bittern</i>                           | ZJ71  |
| bifrons, Plutonaster                                | ZB32  | <i>Bittern</i> , <i>American</i>         | ZJ70  |
| Bifurcaria  | ZR362 | <i>Bittern</i> , <i>Great</i>            | ZJ71  |
| bifurcata, Bifurcaria                               | ZR363 | <i>Bittern</i> , <i>Little</i>           | ZJ80  |
| bifurcatus, Micropthalmus                           | P328  | Bittiinae                                | W259  |
| bigelowi, Haliscera                                 | D578  | Bittium                                  | W260  |
| <i>Big-eye Frogfish</i>                             | ZG103 | bitumida, Euchirella                     | R454  |
| <i>Big-eye Tuna</i>                                 | ZG515 | <i>Black Duck</i>                        | ZJ104 |
| <i>Big-eyed Rockling</i>                            | ZG107 | <i>Black Duck</i> , <i>American</i>      | ZJ104 |
| <i>Big-eyed Sand-Smelt</i>                          | ZG193 | <i>Black Goby</i>                        | ZG467 |
| biggi, Daptonema                                    | HD509 | <i>Black Guillemot</i>                   | ZJ353 |
| biguttata, Xaiva                                    | S1598 | <i>Black Right Whale</i>                 | ZK73  |
| bihamigera, Stylostichon                            | C1000 | <i>Black Scabbardfish</i>                | ZG491 |
| bilamellata, Onchidoris                             | W1322 | <i>Black Scoter</i>                      | ZJ139 |
| bilineata, Aponuphis                                | P539  | <i>Black Sea-bream</i>                   | ZG364 |
| bilineata, Eulalia                                  | P152  | <i>Black Skate</i>                       | ZF96  |
| bilineata, Eulima                                   | W603  | <i>Black Tern</i>                        | ZJ331 |
| <i>bilineata</i> , <i>Leiostraca</i>                | W603  | <i>Black Tern</i> , <i>White-winged</i>  | ZJ330 |
| bilineatus, Lineus                                  | G52   | <i>Black-backed Gull</i> , <i>Great</i>  | ZJ312 |
| <i>bilineatus</i> , <i>Strombiformis</i>            | W603  | <i>Black-backed Gull</i> , <i>Lesser</i> | ZJ307 |
| <i>Billed Diver</i> , <i>Yellow</i>                 | ZJ5   | <i>Black-bellied Angler</i>              | ZG93  |
| biloba, Sulculeolaria                               | D104  | <i>Black-browed Albatross</i>            | ZJ23  |
| bilobata, Paramunna                                 | S911  | <i>Black-crowned Night Heron</i>         | ZJ82  |
| bilobatum, Polysyncraton                            | ZD56  | <i>Black-face Blenny</i>                 | ZG422 |
| bilobus, Athelges                                   | S985  | <i>Blackfish</i>                         | ZG530 |
| <i>bimaculata bimaculata</i> , <i>Diplecogaster</i> | ZG86  | <i>Blackfish</i>                         | ZK39  |
| bimaculata, Diplecogaster                           | ZG86  | <i>Blackfish</i> , <i>Cornish</i>        | ZG534 |
| <i>bimaculatus</i> , <i>Labrus</i>                  | ZG400 | <i>Black-headed Gull</i>                 | ZJ317 |
| Bimeria   | D249  | <i>Black-headed Gull</i> , <i>Great</i>  | ZJ311 |
| bimucronatum, Haplopoma                             | Y487  | <i>Black-Legged Kittiwake</i>            | ZJ324 |
| binghami, Sphenia                                   | W2152 | <i>Black-mouthed Dogfish</i>             | ZF26  |
| bioculata, Caulleriella                             | P830  | <i>Black-necked Grebe</i>                | ZJ15  |
| bioculatus, Amphiporus                              | G86   | <i>Black-tailed Godwit</i>               | ZJ261 |
| <i>bioculatus</i> , <i>Heterocirrus</i>             | P830  | <i>Black-throated Diver</i>              | ZJ6   |
| Bipaliidae  | F42   | <i>Black-winged Pratincole</i>           | ZJ200 |
| Bipalium  | F43   | <i>Black-winged Stilt</i>                | ZJ189 |
| bipapillata, Dagda                                  | HD426 | blanchardi, Typhlamphiascus              | R1274 |
| bipapillata, Nudora                                 | HD418 | Blastophysa                              | ZS241 |
| bipartitus, Lyrodus                                 | W2203 | bleizi, Molgula                          | ZD147 |
| bipennata, Bankia                                   | W2214 | blennii, Oceanobdella                    | P1604 |
| bipes, Nebalia                                      | S6    | Blenniidae                               | ZG406 |
| biplicata, Diastylodes                              | S1257 | Blennius                                 | ZG407 |
| bipunctata, Sagitta                                 | L10   | blennoides, Phycis                       | ZG133 |
| <i>Biscayan Right Whale</i>                         | ZK73  | <i>Blenny</i> , <i>Black-face</i>        | ZG422 |
| biscayensis, Euonyx                                 | S289  | <i>Blenny</i> , <i>Butterfly</i>         | ZG408 |
| biscayensis, Leptocaris                             | R933  | <i>Blenny</i> , <i>Montagu's</i>         | ZG410 |
| Biserramenia  | W44   | <i>Blenny</i> , <i>Snake</i>             | ZG429 |
| <i>bisetosa</i> , <i>Heterolaophonte</i>            | R1686 | <i>Blenny</i> , <i>Spotted Snake</i>     | ZG427 |
| bisinuata, Pareuchaeta                              | R497  | <i>Blenny</i> , <i>Tompot</i>            | ZG414 |
| bispina, Xenotrichula                               | HB189 | <i>Blenny</i> , <i>Viviparous</i>        | ZG437 |
| <i>bispinosa</i> , <i>Atylus</i>                    | S102  | <i>Blenny</i> , <i>Yarrell's</i>         | ZG425 |
| bispinosa, Dexamine                                 | S102  | blianus, Favorinus                       | W1478 |
| <i>bispinosa</i> , <i>Dexamine</i>                  | S102  | Blidingia                                | ZS142 |
| bispinosa, Gitanopsis                               | S166  | blomstrandii, Eusyllis                   | P380  |
| bispinosa, Neobrachiella                            | R2352 | <i>Blonde Ray</i>                        | ZF87  |
| bispinosa, Paracandacia                             | R317  | blondina, Lizzia                         | D267  |
| bispinosa, Peracle                                  | W1196 | blossevillii, Anchylomera                | S753  |
| <i>bispinosa</i> , <i>Peraclis</i>                  | W1196 | <i>Blue Ling</i>                         | ZG127 |
| bispinosa, Stenhelia palustris                      | R1271 | <i>Blue Shark</i>                        | ZF41  |
| bispinosum, Rhynchozoon                             | Y533  | <i>Blue Whale</i>                        | ZK67  |



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| <i>Blue Whiting</i>                   | ZG125 | bonnemaisonii, Polyneura     | ZM618 |
| <i>Blue-fin Tuna</i>                  | ZG516 | bonnevii, Cephalobranchia    | W1239 |
| <i>Bluefish</i>                       | ZG321 | bonnieri, Ancyroniscus       | S967  |
| <i>Blue-mouth</i>                     | ZG251 | bonnieri, Dichelopandalus    | S1372 |
| <i>Blue-winged Teal</i>               | ZJ99  | <i>bonnieri, Nerine</i>      | P779  |
| <i>Bluntnout Smooth-head</i>          | ZG64  | bonnieri, Scolelepis         | P779  |
| boa, Sthenelais                       | P107  | Bonnierilla                  | R683  |
| boadeni, Pseudovermis                 | W1464 | Bonnyannella                 | R2605 |
| <i>Boar-fish</i>                      | ZG212 | Bontaea                      | W2238 |
| bobretzkii, Goniadella                | P275  | boopis, Cyamus               | S663  |
| Boccardia                             | P726  | Boops                        | ZG349 |
| Boccardiella                          | P729  | boops, Boops                 | ZG350 |
| bocki, Diagoniceps                    | R1438 | boothii, Raphitoma           | W864  |
| bocqueti, Parachordeumium             | R2205 | Bopyridae                    | S995  |
| bocqueti, Selioides                   | R1968 | Bopyrina                     | S996  |
| bocqueti, Tryphoema                   | R1629 | Bopyroides                   | S998  |
| bocqueti, Turbanella                  | HB107 | Bopyrus                      | S1001 |
| bodini, Paramphiascella               | R1199 | <i>boreale, Antithamnion</i> | ZM561 |
| Bodotria                              | S1193 | boreale, Hydrolithon         | ZM212 |
| Bodotriidae                           | S1184 | boreale, Tessaradoma         | Y396  |
| Bodotriinae                           | S1192 | boreale, Turbicellepora      | Y505  |
| boeckii, Amphilochoides               | S154  | borealis, Amphiuira          | ZB150 |
| boeckii, Asterocheres                 | R2071 | <i>borealis, Astarte</i>     | W1933 |
| boeckii, Laphania                     | P1197 | borealis, Balaenoptera       | ZK66  |
| boeckii, Munna                        | S903  | borealis, Branchellion       | P1583 |
| boeckii, Metopa                       | S192  | borealis, Cirolana           | S844  |
| Boergesenella                         | ZM622 | borealis, Clymenura          | P956  |
| bogaraveo, Pagellus                   | ZG356 | borealis, Euphrosine         | P526  |
| <i>Bogue</i>                          | ZG350 | borealis, Fritillaria        | ZD172 |
| Bolbocoleon                           | ZS82  | borealis, Harmothoe          | P54   |
| Bolbolaimus                           | HD395 | borealis, Lamellaria         | W472  |
| <i>Bolbolaimus</i>                    | HD395 | borealis, Lanceola           | S698  |
| <i>Bolbolaimus</i>                    | HD397 | borealis, Lucinoma           | W1829 |
| <i>Bolbolaimus</i>                    | HD403 | borealis, Metopa             | S193  |
| bolbroei, Selioides                   | R1969 | borealis, Monoculodes        | S124  |
| boletiformis, Polymastia              | C358  | borealis, Mystides           | P129  |
| Bolinidae                             | E8    | borealis, Nebalia            | S7    |
| Bolinopsis                            | E9    | borealis, Nogagus            | R2253 |
| Bolocera                              | D680  | borealis, Numenius           | ZJ268 |
| Boltenia                              | ZD134 | borealis, Oncaea             | R1884 |
| Bolteniopsis                          | ZD136 | <i>borealis, Ophelia</i>     | P1001 |
| bombyx, Branchiomma                   | P1263 | borealis, Ophelia            | P999  |
| <i>bombyx, Dasychone</i>              | P1263 | borealis, Ophiopleura        | ZB178 |
| bombyx, Spiophanes                    | P794  | borealis, Pandalus           | S1376 |
| Bomolochidae                          | R2002 | borealis, Pareurythoe        | P520  |
| Bomolochus                            | R2003 | <i>borealis, Pherusa</i>     | S103  |
| bonapartei, Notacanthus               | ZG26  | borealis, Pleuromamma        | R279  |
| <i>Bonaparte's Gull</i>               | ZJ315 | borealis, Sabellides         | P1159 |
| <i>bonelli, Histiotteuthis</i>        | W2356 | borealis, Scina              | S686  |
| Bonellia                              | O14   | <i>borealis, Spirorbis</i>   | P1396 |
| BONELLIIDA                            | O10   | borealis, Stylocordyla       | C464  |
| Bonelliidae                           | O11   | borealis, Trichotropis       | W446  |
| <i>Bonito</i>                         | ZG508 | borealis, Tridonta           | W1933 |
| bonito, Caligus                       | R2209 | borealis, Vibilia            | S708  |
| <i>Bonito, Plain</i>                  | ZG506 | borealis, Xanthocalanus      | R563  |
| <i>bonnelliana, Histiotteuthis</i>    | W2356 | Boreocingula                 | W353  |
| bonnellii, Corophium                  | S610  | Boreohydra                   | D149  |
| bonnellii, Histiotteuthis             | W2356 | Boreohydridae                | D148  |
| Bonnemaisonia                         | ZM144 | Boreolimella                 | R1456 |
| Bonnemaisoniaceae                     | ZM141 | Boreolithon                  | ZM198 |
| bonnemaisoniae, Audouinella           | ZM74  | Boreopontia                  | R1527 |
| BONNEMAISONIALES                      | ZM140 | Boreoscala                   | W546  |
| bonnemaisonii, Haraldiophyllum        | ZM608 | Bornetia                     | ZM499 |
| <i>bonnemaisonii, Haraldiophyllum</i> | ZM618 | bornetii, Leptophytum        | ZM222 |
| <i>bonnemaisonii, Myriogramme</i>     | ZM608 | borreri, Pleonosporium       | ZM547 |
| <i>bonnemaisonii, Polyneura</i>       | ZM608 | Borsoniinae                  | W788  |

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| boryana, Audouinella                         | ZM75  | Brachystomia                               | W919  |
| boryana, Porphyrostromium                    | ZM45  | brachystylis, Cyclopina                    | R637  |
| boryi, Caberea                               | Y267  | BRACHYURA                                  | S1485 |
| Boschmaella                                  | R128  | brachyura, Raja                            | ZF87  |
| boschmai, Tortugaster                        | R112  | Brada                                      | P874  |
| Boscia                                       | R84   | bradii, Sarsicytheridea                    | R2514 |
| boscii, Lepidorhombus                        | ZG548 | bradleyi, Bythocythere                     | R2475 |
| bosquetiana, Bythocypris                     | R2468 | <i>bradleyi</i> , <i>Bythocythere</i>      | R2475 |
| bostoniensis, Facelina                       | W1470 | Bradya                                     | R824  |
| Bostrychia                                   | ZM625 | Bradyetes                                  | R434  |
| Botachus                                     | R687  | <i>bradyi</i> , <i>Bathycalanus</i>        | R353  |
| Botaurus                                     | ZJ69  | bradyi, Bradyidius                         | R438  |
| Bothidae                                     | ZG559 | bradyi, Bythocythere                       | R2476 |
| botniensis, Paranais                         | P1418 | bradyi, Centropages                        | R287  |
| Botrylloides                                 | ZD127 | bradyi, Cervinia                           | R806  |
| Botryllophilinae                             | R767  | bradyi, Diastylis                          | S1248 |
| Botryllophilus                               | R768  | bradyi, Paradoxostoma                      | R2649 |
| Botryllus                                    | ZD125 | bradyi, Pareuchaeta                        | R498  |
| Botrynema                                    | D581  | bradyi, Phyllopodopsyllus                  | R1441 |
| botryocarpa, Audouinella                     | ZM76  | bradyi, Sclerochilus                       | R2488 |
| botryocarpum, Ceramium                       | ZM509 | bradyi, Scolecithrix                       | R608  |
| <i>botryoides</i> , <i>Ascaltis</i>          | C54   | Bradyidius                                 | R437  |
| botryoides, Leucosolenia                     | C54   | <i>Bradyilaimus</i>                        | HD358 |
| <i>botryoides</i> , <i>Leucosolenia</i>      | C55   | Bradypontius                               | R2101 |
| <i>botryoides</i> , <i>Leucosolenia</i>      | C56   | Brama                                      | ZG340 |
| <i>botrys</i> , <i>Ascandra</i>              | C54   | brama, Brama                               | ZG341 |
| <i>Bottle-nosed Dolphin</i>                  | ZK28  | brama, Pterycombus                         | ZG343 |
| <i>Bottle-nosed Whale</i>                    | ZK61  | brambelli, Hedylopsis                      | W1100 |
| boucheri, Neotonchus                         | HD269 | <i>Bramble Shark</i>                       | ZF69  |
| Bougainvillia                                | D251  | Bramidae                                   | ZG339 |
| Bougainvilliidae                             | D246  | Branchellion                               | P1582 |
| bourdoni, Sacculina                          | R122  | <i>branchialis</i> , <i>Arenicola</i>      | P933  |
| <i>boumei</i> , <i>Synarchnactis</i>         | D632  | branchialis, Arenicolides                  | P933  |
| <i>boumei</i> , <i>Tomaria</i>               | ZC29  | branchialis, Favorinus                     | W1479 |
| <i>bouxini</i> , <i>Loxosomella</i>          | K17   | branchialis, Gyge                          | S1007 |
| bowerbanki, Halichondria                     | C638  | branchialis, Lernaecocera                  | R2308 |
| Bowerbankia                                  | Y137  | <i>branchiata</i> , <i>Actinotrocha</i>    | ZA5   |
| bowmani, Brachioteuthis                      | W2362 | branchiatus, Cirrophorus                   | P690  |
| boyeri, Atherina                             | ZG193 | Branchiomaldane                            | P936  |
| bozici, Hastigerella                         | R882  | Branchiomma                                | P1262 |
| <i>branchiata</i> , <i>Acrocnida</i>         | ZB151 | BRANCHIOPODA                               | R2    |
| branchiata, Amphiuira                        | ZB151 | branchyona, Demonax                        | P1272 |
| branchiata, Filinia                          | HA94  | Brania                                     | P411  |
| Brachiella                                   | R2330 | Branta                                     | ZJ120 |
| Brachionidae                                 | HA4   | brasiliensis, Janua                        | P1374 |
| Brachionis                                   | HA10  | brattegardii, Antho                        | C1109 |
| BRACHIOPODA                                  | X1    | brattstroemi, Drilonereis                  | P590  |
| Brachioteuthidae                             | W2360 | brattstromi, Sclerolinum                   | M22   |
| Brachioteuthis                               | W2361 | <i>Bream</i> , <i>Long-finned</i>          | ZG347 |
| Brachycalanus                                | R540  | <i>Bream</i> , <i>Ray's</i>                | ZG341 |
| <i>brachycephala</i> , <i>Autolytus</i>      | P440  | brebneri, Audouinella                      | ZM77  |
| <i>brachycephala</i> , <i>Autolytus</i>      | P444  | bremeni, Enterocola                        | R740  |
| brachycephalus, Autolytus                    | P437  | Bremenia                                   | R689  |
| <i>brachycephalus</i> , <i>Autolytus</i>     | P437  | brenda, Philomedes                         | R2421 |
| <i>brachycephalus</i> , <i>Autolytus</i>     | P438  | <i>Brent goose</i>                         | ZJ121 |
| brachycephalus, Platydasy                    | HB63  | breve, Streblonema                         | ZR69  |
| brachycercus, Oncholaimus                    | HD119 | breviarticulata, Pararenopontia            | R1555 |
| Brachydiastylis                              | S1245 | brevibrachiatus, Rhamphobranchium          | P552  |
| Brachynotus                                  | S1629 | brevicauda, Haplostoma                     | R760  |
| <i>brachyosthium</i> , <i>Paraphanostoma</i> | B29   | brevicauda, Metridia                       | R271  |
| brachypteris, Euryphorus                     | R2235 | brevicauda, Pseudeuchaeta                  | R477  |
| BRACHYRHYNCHA                                | S1567 | brevicauda, Tetragoniceps                  | R1450 |
| brachyrhynchus, Anser                        | ZJ109 | <i>brevicaudata</i> , <i>Gammarella</i>    | S514  |
| Brachyscelidae                               | S768  | brevicaudata, Heterolaophonte stroemi var. | R1693 |
| Brachyscelus                                 | S769  | brevicaudatus, Caligus                     | R2210 |
| brachystoma, Mangelia                        | W798  | brevicaudatus, Mesorhabdus                 | R250  |

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| brevicaudatus, Nannastacus                 | S1226 | brightwelli, Asplanchna                        | HA68  |
| <i>brevicaudatus</i> , Psammastacus        | R1522 | <i>Brill</i>                                   | ZG556 |
| breviceps, Kogia                           | ZK50  | Brisaster                                      | ZB215 |
| brevicornis, Leuckartiara                  | D238  | Brisinga                                       | ZB91  |
| brevicorne, Apodomyzon                     | R2129 | Brisingella                                    | ZB93  |
| brevicornis, Ameiopsis                     | R1306 | BRISINGIDA                                     | ZB89  |
| brevicornis, Ampelisca                     | S427  | Brisingidae                                    | ZB90  |
| brevicornis, Bryaxis                       | R441  | Brissidae                                      | ZB226 |
| brevicornis, Jaeropsis                     | S919  | Brissopsis                                     | ZB227 |
| brevicornis, Leptocaris                    | R934  | <i>britannica</i> , Archidoris                 | W1376 |
| <i>brevicornis</i> , Lijeborgia            | S397  | britannica, Bougainvillia                      | D252  |
| brevicornis, Lycastis                      | P464  | britannica, Ingolfiella                        | S789  |
| <i>brevicornis</i> , Montagua              | S214  | <i>britannica</i> , Laetmatonice producta var. | P24   |
| brevicornis, Paradactylopodia              | R1112 | britannica, Leptopsammia                       | D803  |
| brevicornis, Parapontella                  | R338  | britannica, Nothria                            | P544  |
| brevicornis, Scaphocalanus                 | R594  | <i>britannica</i> , Nothria                    | P545  |
| brevicornis, Stenothoe                     | S209  | britannica, Pseudocythere                      | R2484 |
| brevicornis, Tigriopus                     | R968  | <i>britannica</i> , Tellina                    | W2017 |
| brevicornis, Typhlotanais                  | S1153 | britannica, Urocythereis                       | R2589 |
| brevicornis, Urothoe                       | S247  | britannicus, Thalassironus                     | HD62  |
| brevicornis, Valdiviella                   | R489  | brito, Pseudorchestoidea                       | S239  |
| brevifurca, Amphiascoides                  | R1150 | brittae, Sigecheres                            | R1971 |
| brevifurca, Laophonte                      | R1700 | <i>Broad-billed Sandpiper</i>                  | ZJ254 |
| <i>brevifurca</i> , Pseudoleptomesochrella | R1354 | brocchii, Thysanozoon                          | F101  |
| brevifurcatus, Cryptopontius               | R2107 | Brochina                                       | W415  |
| brevimana, Araphura                        | S1118 | brodiei, Polysiphonia                          | ZM657 |
| brevipalpa, Gyptis                         | P299  | Brodiella                                      | Y534  |
| brevipalpus, Agauopsis                     | Q80   | brodricii, Cataphellia                         | D735  |
| brevipedis, Pseudocaligus                  | R2230 | brondstedii, Hymedesmia                        | C926  |
| brevipennis, Typosyllis                    | P366  | Brongniartella                                 | ZM627 |
| brevipes, Ameira                           | R1287 | brongniartii, Chorizopora                      | Y344  |
| brevipes, Botryllophilus                   | R770  | brongniartii, Laurencia                        | ZM641 |
| brevipes, Heterolaophonte                  | R1684 | Brosme   | ZG108 |
| brevipes, Heteroscelus                     | ZJ252 | brosme, Brosme                                 | ZG109 |
| brevipes pestae, Ameira                    | R1288 | <i>Brown Meagre</i>                            | ZG369 |
| brevipes, Phyllariopsis                    | ZR357 | brownae, Tubificoides                          | P1491 |
| brevipes, Splanchnotrophus                 | R2036 | brownei, Eucodonium                            | D215  |
| breviremis, Janiroopsis                    | S894  | brownei, Mitrocomella                          | D323  |
| breviremis, Leptognathia                   | S1132 | browni, Coryphella                             | W1417 |
| brevirostre, Halectinosoma                 | R851  | browni, Cynoglossus                            | ZG594 |
| brevirostre, Nymphon                       | Q5    | <i>browni</i> , Flabellina                     | W1417 |
| brevirostris, Callipallene                 | Q33   | brucei, Botrynema                              | D582  |
| brevirostris, Copidognathus                | Q95   | brucei, Loxosomella                            | K18   |
| <i>brevirostris</i> , Cyproidea            | S173  | brucei, Diplolaimelloides                      | HD495 |
| brevirostris, Pandalina                    | S1374 | brucus, Echinorhinus                           | ZF69  |
| brevirostris, Paralaophonte                | R1726 | <i>brugnonei</i> , Liostomia                   | W950  |
| brevirostris, Peltocoxa                    | S173  | <i>brugnoni</i> , Liostomia                    | W950  |
| brevirostris, Tricoma                      | HD487 | Brumptiana                                     | P1585 |
| brevis, Enoplus                            | HD8   | brunescens, Labidocera                         | R324  |
| brevis, Euchirella                         | R455  | brunettii, Enoploides                          | HD15  |
| brevis, Lubbockia                          | R1879 | brunnea, Chauvetia                             | W741  |
| <i>brevis</i> , Polymastia                 | C366  | brunnea, Malmiana                              | P1600 |
| brevis, Quasillina                         | C366  | brunnea, Thalestris                            | R1078 |
| breviseta, Pseudameira                     | R1345 | brunneum, Halectinosoma                        | R852  |
| breviseta, Sabatieria                      | HD255 | brunneum, Phymatolithon                        | ZM254 |
| <i>breviseta</i> , Sabatieria              | HD264 | brunneus, Amphilocheus                         | S157  |
| brevisetosa, Metacyclopsina                | R653  | <i>brunneus</i> , Ocnus                        | ZB273 |
| brevisetosus, Synonchus                    | HD80  | brunneus, Ocnus                                | ZB274 |
| brevispinosa, Echinolaophonte              | R1672 | <i>Brünnich's Guillemot</i>                    | ZJ360 |
| brevispinosus, Halicyclops                 | R674  | Bruzelia                                       | S352  |
| brevispinus, Gaidius                       | R472  | bruzelii, Metopa                               | S194  |
| brevitarse, Nymphon                        | Q6    | Bryaxis  | R440  |
| <i>Brianella</i>                           | R795  | Bryopsidaceae                                  | ZS225 |
| Brianola                                   | R794  | BRYOPSIDALES                                   | ZS224 |
| <i>Bridled Tem</i>                         | ZJ337 | BRYOPSIDOPHYCEAE                               | ZS223 |
| brieri, Thecocodium                        | D208  | Bryopsis                                       | ZS226 |

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| BRYOZOA                               | Y1    | bursa-pastoris, Gracilaria             | ZM432       |
| bubali, Malmiana                      | P1601 | bursaria, Epistomia                    | Y264        |
| bubalis, Taurulus                     | ZG283 | BURSOVAGINOIDEA                        | IA11        |
| Bubaris                               | C605  | Bushiella                              | P1363       |
| Bubulcus                              | ZJ72  | Buskea                                 | Y509        |
| Buccinidae                            | W702  | buski, Steraechmella                   | Y293        |
| Buccininae                            | W703  | Buskia                                 | Y144        |
| Buccinum                              | W704  | buskii, Labidoplax                     | ZB299       |
| Bucephala                             | ZJ125 | <i>buskii</i> , <i>Labidoplax</i>      | ZB301       |
| buchani, Paraugaptilus                | R222  | Buskiidae                              | Y143        |
| buchholtzi, Enchyrosoma               | R1572 | Butorides                              | ZJ74        |
| buchholzi, Enchytraeus                | P1511 | butschlii, Paramonohystera             | HD542       |
| <i>bucklandi</i> , <i>Battersbya</i>  | C244  | <i>Butterfish</i>                      | ZG440       |
| bucklandi, Dercitus                   | C244  | <i>Butterfly Blenny</i>                | ZG408       |
| <i>bucklandi</i> , <i>Hymeniacion</i> | C244  | Byblis                                 | S443        |
| buddenbrocki, Macrodasys              | HB39  | byssocum, Gomphopodarion               | R2405       |
| budegassa, Lophius                    | ZG93  | byssoides, Aglaothamnion               | ZM473       |
| buelowi, Lumbricillus                 | P1540 | byssoides, Brongniartella              | ZM628       |
| Buena                                 | ZG458 | Bythocaris                             | S1335       |
| buergeri, Callinera                   | G19   | Bythocypridae                          | R2464       |
| buetschlii, Epacanthion               | HD27  | Bythocypris                            | R2467       |
| <i>Buff-breasted Sandpiper</i>        | ZJ291 | Bythocythere                           | R2474       |
| Buffhamia                             | ZR137 | Bythocytheridae                        | R2473       |
| Buffhamiaceae                         | ZR136 | Bythotiara                             | D235        |
| buffhamiana, Strepsithalia            | ZR235 |  |             |
| buffhamii, Gonimophyllum              | ZM604 |  |             |
| <i>Bufflehead</i>                     | ZJ126 |  |             |
| Buffonellaria                         | Y514  |  |             |
| Buglossidium                          | ZG584 |  |             |
| Bugula                                | Y240  |  |             |
| Bugulidae                             | Y239  |  |             |
| BUGULOIDEA                            | Y238  |  |             |
| Bulbamphiascus                        | R1176 |  |             |
| Bulbella                              | Y101  |  |             |
| bulbifer, Haloschizopera              | R1188 |  |             |
| bulbipes, Critomolgus                 | R1800 |  |             |
| bulbisetosa, Tisbe                    | R986  |  |             |
| bulboides, Fridericia                 | P1517 |  |             |
| bulbosa, Fridericia                   | P1518 |  |             |
| bulbosa, Parastenhelia spinosa var.   | R1143 |  |             |
| <i>bulbosa</i> , <i>Polymastia</i>    | C360  |  |             |
| bulbosa, Sphaerosyllis                | P425  |  |             |
| Bulbus                                | W495  |  |             |
| bulimoides, Limacina                  | W1171 |  |             |
| <i>bulimoides</i> , <i>Spiratella</i> | W1171 |  |             |
| <i>Bull Huss</i>                      | ZF29  |  |             |
| <i>Bull Rout</i>                      | ZG281 |  |             |
| bullacaudatus, Batillipes             | V7    |  |             |
| BULLACEA                              | W1064 |  |             |
| bullata, Akera                        | W1142 |  |             |
| <i>Bullhead</i> , Norway              | ZG279 |  |             |
| bulliceps, Haloptilus                 | R192  |  |             |
| bullifer, Euaugaptilus                | R171  |  |             |
| bulligera, Esola                      | R1675 |  |             |
| bullosus, Asperococcus                | ZR163 |  |             |
| <i>Bulls-eye</i>                      | ZG318 |  |             |
| Bulweria                              | ZJ25  |  |             |
| bulwerii, Bulweria                    | ZJ26  |  |             |
| <i>Bulwer's Petrel</i>                | ZJ26  |  |             |
| <i>Bunodactis</i>                     | D685  |  |             |
| Buprorinae                            | R735  |  |             |
| Buprorus                              | R736  |  |             |
| <i>burchi</i> , <i>Doridella</i>      | W1296 |  |             |
| Burhinidae                            | ZJ192 |  |             |
| Burhinus                              | ZJ193 |  |             |
| bursa, Codium                         | ZS246 |  |             |
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|                                       |       | <b>Caberea</b>                         | <b>Y266</b> |
|                                       |       | Cabestana                              | W516        |
|                                       |       | Cabiropsidae                           | S965        |
|                                       |       | cabrilla, Serranus                     | ZG309       |
|                                       |       | <i>caciniiformis</i> , <i>Ophiodes</i> | D404        |
|                                       |       | Cadlina                                | W1362       |
|                                       |       | caducus, Dasybranchus                  | P914        |
|                                       |       | caeca, Lepeta                          | W237        |
|                                       |       | caeca, Maupasia                        | P221        |
|                                       |       | <i>caeca</i> , <i>Mystides</i>         | P129        |
|                                       |       | caeca, Mystides                        | P130        |
|                                       |       | caeca, Nephtys                         | P496        |
|                                       |       | caeca, Parougia                        | P633        |
|                                       |       | caeca, Polydora                        | P750        |
|                                       |       | <i>caeca</i> , <i>Polydora</i>         | P761        |
|                                       |       | <i>caeca</i> , <i>Schistomeringos</i>  | P633        |
|                                       |       | <i>caeca</i> , <i>Stauronereis</i>     | P633        |
|                                       |       | Caecidae                               | W411        |
|                                       |       | caecula, Westwoodilla                  | S140        |
|                                       |       | Caecum                                 | W412        |
|                                       |       | caecum, Chrysopetalum                  | P7          |
|                                       |       | caecus, Cyatholaimus                   | HD296       |
|                                       |       | <i>caecus</i> , <i>Paracanthonchus</i> | HD300       |
|                                       |       | caecus, Paracanthonchus                | HD301       |
|                                       |       | <i>caecus</i> , <i>Paracanthonchus</i> | HD301       |
|                                       |       | <i>caecus</i> , <i>Paracanthonchus</i> | HD302       |
|                                       |       | caerulea, Cuthona                      | W1434       |
|                                       |       | caerulea, Notodelphys                  | R707        |
|                                       |       | caerulescens, Anser                    | ZJ110       |
|                                       |       | caeruleus, Zaus                        | R971        |
|                                       |       | caespitosa, Audouinella                | ZM78        |
|                                       |       | caespitosa, Catenella                  | ZM304       |
|                                       |       | <i>caespitosa</i> , <i>Phoronis</i>    | ZA4         |
|                                       |       | caespitula, Feldmannia                 | ZR22        |
|                                       |       | caespitula, Sphacelaria                | ZR290       |
|                                       |       | cajetanus, Lepidopleurus               | W61         |
|                                       |       | Calamyzas                              | P416        |
|                                       |       | Calanidae                              | R356        |
|                                       |       | CALANOIDA                              | R148        |
|                                       |       | Calanoides                             | R357        |

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| Calanus                         | R359         | Calomicrolaimus                          | HD397        |
| calathus, <i>Alvania beanii</i> | W339         | <i>Calomicrolaimus</i>                   | <i>HD397</i> |
| calathus, <i>Bugula</i>         | Y242         | <i>Calomicrolaimus</i>                   | <i>HD403</i> |
| <i>calathus, Turbona</i>        | W339         | Calonectris                              | ZJ27         |
| calcaratus, <i>Tegastes</i>     | R1053        | calophylla, <i>Prasiola</i>              | ZS26         |
| CALCAREA                        | C2           | Caloria                                  | W1472        |
| calcareum, <i>Macoma</i>        | W2030        | Calosiphonaceae                          | ZM296        |
| calcareum, <i>Phymatolithon</i> | ZM255        | Calosiphonia                             | ZM297        |
| CALCARONEA                      | C48          | Calozodion                               | S1178        |
| calceolifera, <i>Laomedea</i>   | D513         | Calpencia                                | Y288         |
| calceus, <i>Deania</i>          | ZF57         | calvadasicus, <i>Oncholaimellus</i>      | HD115        |
| calvicola, <i>Gelidiella</i>    | ZM163        | calvadosii, <i>Helminthocladia</i>       | ZM133        |
| CALCINEA                        | C3           | Calycella                                | D346         |
| caledonia, <i>Cobbia</i>        | HD506        | calyciflorus, <i>Brachionis</i>          | HA9          |
| <i>Calicella</i>                | D345         | CALYCOPHORA                              | D79          |
| <i>caliculata, Campanularia</i> | D497         | calyculata, <i>Omphalopoma</i>           | P1352        |
| Calidris                        | ZJ230        | Calypsoconcha                            | W473         |
| caliendrum, <i>Polycirrus</i>   | P1238        | calyptostoma, <i>Crisia</i>              | Y15          |
| californica, <i>Pikea</i>       | ZM334        | Calyptraea                               | W434         |
| Caligidae                       | R2206        | CALYPTRAEACEA                            | W432         |
| Caligus                         | R2207        | Calyptraeidae                            | W433         |
| Callanthias                     | ZG304        | Calyptronema                             | HD138        |
| Calliactis                      | D740         | Camacolaimus                             | HD441        |
| Callianassa                     | S1414        | cambrensis, <i>Demonax</i>               | P1273        |
| callianassae, <i>Giardella</i>  | R1917        | <i>cambrensis, Saccoglossus</i>          | ZC21         |
| callianassae, <i>Pseudione</i>  | S1021        | cambriensis, <i>Cephalodasys</i>         | HB16         |
| Callianassidae                  | S1413        | cambriensis, <i>Parathalestris</i>       | R1067        |
| <i>callianthus, Fagesia</i>     | D769         | cambriensis, <i>Pterygonema</i>          | HD474        |
| Calliblepharis                  | ZM318        | caminatus, <i>Suberites</i>              | C415         |
| <i>callimorpha, Edwardsia</i>   | D766         | caminus, <i>Leuconia</i>                 | C90          |
| <i>callimorphus, Scolanthus</i> | D766         | Campanularia                             | D493         |
| callimorphus, <i>Scolanthus</i> | D771         | CAMPANULARIIDA                           | D489         |
| Callinectes                     | S1571        | Campanulariidae                          | D491         |
| Callinera                       | G18          | Campanulariinae                          | D492         |
| Calliobdella                    | P1587        | CAMPANULARIOIDEA                         | D490         |
| Callionymidae                   | ZG450        | campanulata, <i>Lucernariopsis</i>       | D17          |
| Callionymus                     | ZG451        | Campanulina                              | D349         |
| Calliopiidae                    | S110         | CAMPANULINIDA                            | D297         |
| Calliopioidae                   | S111         | Campanulinidae                           | D344         |
| Calliostoma                     | W179         | CAMPANULINOIDEA                          | D338         |
| Calliostomatinae                | W178         | Campecopea                               | S858         |
| Calliotropis                    | W142         | Campogramma                              | ZG328        |
| Callipallene                    | Q32          | Campylaimus                              | HD618        |
| Callipallenidae                 | Q31          | <i>Campylaimus</i>                       | <i>HD618</i> |
| callipterum, <i>Ceramium</i>    | ZM510        | Campylaspis                              | S1215        |
| callisomae, <i>Sphaeronella</i> | R2152        | campylocercoides, <i>Oncholaimus</i>     | HD120        |
| Callista                        | W2106        | campylocercus, <i>Metaparoncholaimus</i> | HD110        |
| Callistocythere                 | R2591        | Campyloderes                             | HC15         |
| Callithamnion                   | ZM501        | <i>campylops, Gammarus</i>               | S478         |
| Callizona                       | P206         | <i>Canada Goose</i>                      | ZJ122        |
| Callochiton                     | W74          | canadensis, <i>Branta</i>                | ZJ122        |
| Callochitoninae                 | W73          | canadensis, <i>Stereobalanus</i>         | ZC23         |
| Callocolax                      | ZM366        | canaliculata, <i>Pelvetia</i>            | ZR386        |
| Callophyllis                    | ZM368        | canaliculata, <i>Processa</i>            | S1363        |
| Callopora                       | Y201         | canaliculatum, <i>Halectinosoma</i>      | R853         |
| Calloporidae                    | Y200         | canariensis, <i>Hildenbrandia</i>        | ZM190        |
| CALLOPOROIDEA                   | Y199         | canariensis, <i>Nemastoma</i>            | ZM379        |
| callosa, <i>Actinostola</i>     | D697         | <i>cancellata, Acinopsis</i>             | W340         |
| callosa, <i>Fridericia</i>      | P1519        | <i>cancellata, Alvania</i>               | W340         |
| Calma                           | W1460        | <i>cancellatus, Lepidopleurus</i>        | W54          |
| calmani, <i>Pycnophyes</i>      | HC26         | cancellatus, <i>Leptochiton</i>          | W54          |
| Calmidae                        | W1459        | Cancellothyrididae                       | X27          |
| Calocalanidae                   | R370         | Cancer                                   | S1564        |
| Calocalanus                     | R371         | Cancerilla                               | R2121        |
| Calocaris                       | S1408        | Cancerillidae                            | R2120        |
| <i>Calomicrolaimus</i>          | <i>HD395</i> | Cancericepon                             | S1003        |

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| Cancridae                        | S1563        | Capitomastus                                      | P911         |
| CANCRIDEA                        | S1548        | capitulatus, Halalaimus                           | HD87         |
| Cancrion                         | S1032        | <i>Capped Petrel</i>                              | ZJ32         |
| CANCROIDEA                       | S1549        | Caprella  | S640         |
| Candacia                         | R309         | CAPRELLIDA  | S637         |
| Candaciidae                      | R308         | Caprellidae                                       | S639         |
| candela, Jasmineira              | P1288        | CAPRELLIDEA                                       | S636         |
| Candelabrum                      | D204         | CAPRELLOIDEA                                      | S638         |
| <i>candida, Asterope</i>         | <i>P212</i>  | <i>capriscus, Balistes</i>                        | <i>ZG598</i> |
| <i>candida, Barnea</i>           | <i>W2181</i> | Caproidae   | ZG210        |
| <i>candida, Spilophorella</i>    | <i>HD245</i> | Capros  | ZG211        |
| <i>candida, Torrea</i>           | <i>P212</i>  | Capsella  | W2038        |
| Candidae                         | Y265         | Capsosiphon                                       | ZS147        |
| <i>candidum, Didemnum</i>        | <i>ZD54</i>  | capsula, Gwynia                                   | X38          |
| <i>candidum, Tetrastemma</i>     | <i>G121</i>  | capsula, Sarsiella                                | R2434        |
| <i>candidum, Tetrastemma</i>     | <i>G127</i>  | Capulidae   | W440         |
| <i>candollei, Lepadogaster</i>   | <i>ZG88</i>  | Capulus   | W441         |
| Candonidae                       | R2696        | caputmedusae, Gorgonocephalus                     | ZB112        |
| canephora, Pneumodermopsis       | W1213        | <i>caputserpentis, Anomia</i>                     | X29          |
| canicula, Scylliorhinus          | ZF28         | capuzina, Thalassarachna                          | Q118         |
| cantabra, Scolelepis             | P780         | cara, Nanomia                                     | D72          |
| cantacuzenei, Synaptiphilus      | R1949        | <i>cara, Stephanomia</i>                          | <i>D72</i>   |
| cantacuzeni, Thaumastoderma      | HB86         | <i>carambola, Corambella</i>                      | <i>W1296</i> |
| cantharus, Spondyliosoma         | ZG364        | Carangidae  | ZG327        |
| Canthidermis                     | ZG599        | Carapidae   | ZG172        |
| Canthocamptidae                  | R1453        | Carbasea  | Y188         |
| <i>cantrainei, Putilla</i>       | <i>W365</i>  | carbasea, Carbasea                                | Y189         |
| <i>cantrainii, Alciopa</i>       | <i>P204</i>  | carbo, Aphanopus                                  | ZG491        |
| <i>cantrainii, Naiades</i>       | <i>P204</i>  | carbo, Phalacrocorax                              | ZJ58         |
| Canuella                         | R796         | Carcharhinidae                                    | ZF39         |
| Canuellidae                      | R793         | CARCHARHINIFORMES                                 | ZF23         |
| Canuellopsis                     | R799         | carcini, Sacculina                                | R123         |
| canui, Haplostoma                | R761         | Carcininae  | S1592        |
| canui, Lequerrea                 | R748         | carciniopados, Adamsia                            | D743         |
| canui, Lichomolgus               | R1847        | Carcinonemertes                                   | G94          |
| canui, Notodelphys               | R708         | Carcinonemertidae                                 | G93          |
| canus heinei, Larus              | ZJ305        | carcinophila, Carcinonemertes                     | G95          |
| canus, Larus                     | ZJ304        | <i>carcinophila carcinophila, Carcinonemertes</i> | <i>G95</i>   |
| canutus, Calidris                | ZJ235        | Carcinus  | S1593        |
| capacosus, Bathylaimus           | HD153        | CARDIACEA   | W1937        |
| <i>capensis, Gyptis</i>          | <i>P319</i>  | cardiacephalus, Ophioseides                       | R726         |
| <i>capensis, Phoronis</i>        | <i>ZA4</i>   | cardii tapetis, Conchylurus                       | R1914        |
| <i>capensis, Podarkeopsis</i>    | <i>P319</i>  | cardii, Conchylurus                               | R1913        |
| capillacea, Pterocladia          | ZM166        | Cardiidae   | W1938        |
| capillaceus, Parvipalpus         | S653         | Cardiinae   | W1939        |
| capillare, Eudendrium            | D222         | Cardiomya   | W2288        |
| <i>capillaris, Chaetomorpha</i>  | <i>ZS193</i> | Caretta   | ZI7          |
| <i>capillaris, Chondria</i>      | <i>ZM630</i> | caretta, Caretta                                  | ZI8          |
| <i>capillaris, Diplobrachia</i>  | <i>M19</i>   | caribbaeum, Pleonosporium                         | ZM548        |
| <i>capillaris, Gloiosiphonia</i> | <i>ZM350</i> | CARIDEA   | S1293        |
| <i>capillaris, Gloiosiphonia</i> | <i>ZM352</i> | Caridion  | S1337        |
| <i>capillata, Cyanea</i>         | <i>D44</i>   | Carinaria   | W522         |
| <i>capillifera, Desmacella</i>   | <i>C876</i>  | CARINARIACEA                                      | W520         |
| <i>capillosa, Grantia</i>        | <i>C77</i>   | Carinariidae                                      | W521         |
| <i>capillosa, Scypha</i>         | <i>C77</i>   | carinata, Alvania                                 | W350         |
| <i>capillosa, Sycandra</i>       | <i>C77</i>   | carinata, Carinocythereis                         | R2668        |
| CAPITATA                         | D141         | carinata, Cyathura                                | S805         |
| capitata, Capitella              | P907         | <i>carinata, Galeodina</i>                        | <i>W350</i>  |
| <i>capitata, Glycera</i>         | <i>P260</i>  | carinata, Neomenia                                | W30          |
| capitata, Limapontia             | W1135        | <i>carinatum, Lepidepecreum</i>                   | <i>S301</i>  |
| <i>capitata, Thecacera</i>       | <i>W1350</i> | carinatus, Calanoides                             | R358         |
| capitatus, Enchytraeus           | P1512        | <i>carinatus, Gammarellus</i>                     | <i>S115</i>  |
| Capitella                        | P906         | carinatus, Monoculodes                            | S125         |
| CAPITELLIDA                      | P902         | carinatus, Odius                                  | S386         |
| Capitellidae                     | P903         | Carinesta   | G21          |
| Capitellides                     | P909         | Carinina  | G23          |

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| Carinocythereis               | R2667 | <i>Catfish</i>            | ZG418 |
| Carinoma                      | G5    | <i>Catfish, Spotted</i>   | ZG419 |
| Carinomidae                   | G4    | catharina, Halopteris     | D452  |
| carnea, Edwardsiella          | D763  | catherinae, Aricidea      | P684  |
| carnea, Erythrotrichia        | ZM35  | Catinia                   | R1956 |
| carnea, Ophiura               | ZB169 | Catiniidae                | R1955 |
| carnea, Podocoryne            | D277  | catodon, Physeter         | ZK52  |
| carneus, Pagurus              | S1458 | catodontis, Cyamus        | S664  |
| CARNIVORA                     | ZK1   | Catriona                  | W1429 |
| CARNOSA                       | Y71   | <i>Catshark, False</i>    | ZF32  |
| carnosa, Dilsea               | ZM328 | <i>cattai, Stenothoe</i>  | S212  |
| <i>camosa, Hymeniacidon</i>   | C416  | <i>Cattle Egret</i>       | ZJ73  |
| carnosus, Suberites           | C416  | caudani, Gaetanus         | R463  |
| caroli, Macrochaeta           | P890  | caudata, Jasmineira       | P1289 |
| <i>caroli, Sthenoteuthis</i>  | W2376 | caudata, Pseudocyclopia   | R532  |
| carolina, Porzana             | ZJ177 | caudata, Pseudocythere    | R2485 |
| carolinensis, Balistes        | ZG598 | caudatus, Diplodasys      | HB57  |
| carolinensis, Dolichodasys    | HB21  | caudatus, Lepidopus       | ZG495 |
| carolinensis, Xenotrichula    | HB190 | caudatus, Macrodasys      | HB40  |
| carpenteri, Dalhousiella      | P296  | caudatus, Priapulus       | J7    |
| carpenteri, Rochinia          | S1542 | caudatus, Trebius         | R2238 |
| <i>Carpet coral</i>           | D789  | CAUDOFOVEATA              | W2    |
| carpinei, Mesocletodes        | R1657 | Caulacanthaceae           | ZM302 |
| Carpomitra                    | ZR324 | Caulacanthus              | ZM305 |
| carrozzai, Brachystomia       | W920  | caulerpae, Pneophyllum    | ZM262 |
| <i>carrozzai, Odostomia</i>   | W920  | Caulleriella              | P828  |
| carthyi, Pseudonychocampus    | R1747 | caulleryi, Dodecaceria    | P841  |
| cartilagineum, Plocamium      | ZM443 | caulleryi, Polydora       | P751  |
| caruncula, Hymeniacidon       | C661  | Cauloramphus              | Y211  |
| carunculata, Hermodice        | P514  | cavallii, Tomopteris      | P246  |
| Caryophyllia                  | D781  | cavaticus, Proasellus     | S879  |
| Caryophylliidae               | D780  | Cavernulariidae           | D624  |
| casina, Circomphalus          | W2091 | CAVIBELONIA               | W32   |
| <i>casina, Venus</i>          | W2091 | cavimana, Orchestia       | S233  |
| caspersi, Prionospio          | P770  | cavirostris, Ziphium      | ZK59  |
| caspia, Cordylophora          | D285  | Cavolinia                 | W1178 |
| caspia, Sterna                | ZJ339 | <i>cavolinii, Tanais</i>  | S1106 |
| <i>Caspian Plover</i>         | ZJ205 | Cavoliniidae              | W1176 |
| <i>Caspian Tern</i>           | ZJ339 | Cavoliniinae              | W1177 |
| Caspihalacarus                | Q136  | cecilia, Synchaeta        | HA79  |
| Cassidae                      | W501  | cecilii, Arthropoma       | Y435  |
| cassiterides, Eurystomia      | HD141 | Cecropidae                | R2254 |
| cassivelaunus, Corystes       | S1552 | Cecrops                   | R2255 |
| castanea, Boreocingula        | W354  | celata, Cliona            | C480  |
| <i>castanea, Cingula</i>      | W354  | <i>celata, Vioa</i>       | C480  |
| castanea, Ervilia             | W2066 | Cellaria                  | Y299  |
| castanea, Goniodoris          | W1301 | Cellariidae               | Y298  |
| castanea, Harmothoe           | P55   | CELLARIOIDEA              | Y297  |
| castanea, Leptocythere        | R2597 | cellarioides, Alcyonidium | Y75   |
| <i>castanea, Malmgrenia</i>   | P55   | Cellepora                 | Y494  |
| <i>castanea, Rissoa</i>       | W354  | Celleporella              | Y336  |
| castro, Oceanodroma           | ZJ45  | Celleporidae              | Y493  |
| <i>Cat, Jelly</i>             | ZG417 | Celleporina               | Y496  |
| Catanema                      | HD374 | CELLEPOROIDEA             | Y492  |
| Cataphellia                   | D734  | cellulosa, Balanophyllia  | D798  |
| cataphractum, Peristedion     | ZG267 | cellulosa, Hemicytherura  | R2542 |
| cataphractus, Agonus          | ZG291 | <i>celox, Greefia</i>     | P198  |
| catena, Euspira               | W493  | Celtia                    | R2670 |
| <i>catena, Lunatia</i>        | W493  | celtica, Actinonema       | HD207 |
| <i>catena, Natica</i>         | W493  | celtica, Glycera          | P257  |
| catena, Philine               | W1039 | celtica, Leptometra       | ZB15  |
| <i>catena, Polinices</i>      | W493  | celtica, Onchidella       | W1499 |
| <i>catenata, Sarcodictyon</i> | D593  | celtica, Ophelia          | P1000 |
| catenatum, Klebsormidium      | ZS59  | celtica, Robertsonia      | R1244 |
| Catenella                     | ZM303 | celtica, Sabatieria       | HD256 |
| catenularia, Pyripora         | Y180  | celtica, Tegulaherpia     | W23   |

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| celticum, Scalibregma                  | P1026 | Cerianthidae                           | D630         |
| celticus, Leptopsyllus                 | R1404 | Cerianthus                             | D631         |
| celticus, Metatrichoniscoides          | S1062 | <i>Cerianthus</i>                      | <i>D635</i>  |
| Cenodagreutes                          | W827  | CERITHIACEA                            | W257         |
| <i>centralis</i> , <i>Acrosiphonia</i> | ZS41  | Cerithiella                            | W276         |
| centralis, Spongomorpha                | ZS41  | Cerithiidae                            | W258         |
| Centraugaptilus                        | R164  | Cerithiopsidae                         | W271         |
| centrina, Oxynotus                     | ZF48  | Cerithiopsis                           | W272         |
| Centroderes                            | HC13  | <i>cernium</i> , <i>Polyprion</i>      | ZG315        |
| Centroderidae                          | HC12  | Cernosvitoviella                       | P1504        |
| centrodonti, Caligus                   | R2211 | cernua, <i>Pedicellina</i>             | K46          |
| Centrolabrus                           | ZG389 | <i>cernua</i> , <i>Pedicellina</i>     | K48          |
| Centrolophidae                         | ZG528 | cerrutii, <i>Aricidea</i>              | P685         |
| Centrolophus                           | ZG529 | <i>cerrutii</i> , <i>Aricidea</i>      | <i>P685</i>  |
| Centropages                            | R286  | Cervera                                | D589         |
| Centropagidae                          | R285  | Cervinia                               | R805         |
| CENTROPAGOIDEA                         | R284  | Cerviniidae                            | R804         |
| Centrosymnus                           | ZF51  | Cerviniopsis                           | R808         |
| CEPHALASPIDEA                          | W1002 | <i>cervisiae</i> , <i>Lumbricillus</i> | <i>P1547</i> |
| CEPHALASPIDOMORPHI                     | ZE7   | cervix, <i>Chromadorina</i>            | HD196        |
| cephalata, <i>Dichromadora</i>         | HD227 | Cestopagurus                           | S1450        |
| cephalata, <i>Platycoma</i>            | HD75  | Cestoplanea                            | F96          |
| cephalatum, <i>Draconema</i>           | HD384 | Cestoplanidae                          | F95          |
| cephalatus, <i>Macrodasys</i>          | HB41  | CESTOPLANOIDEA                         | F94          |
| Cephalobranchia                        | W1238 | CETACEA                                | ZK20         |
| Cephalodasys                           | HB15  | ceti, <i>Cyamus</i>                    | S665         |
| CEPHALODISCIDA                         | ZC8   | ceticola, <i>Osteopelta</i>            | W250         |
| Cephalodiscidae                        | ZC9   | Cetorhinidae                           | ZF17         |
| Cephalodiscus                          | ZC10  | Cetorhinus                             | ZF18         |
| Cephalophanes                          | R542  | chadefaudii, <i>Aglaothamnion</i>      | ZM474        |
| cephalophorum, <i>Tetrastemma</i>      | G122  | chadefaudii, <i>Bidingia</i>           | ZS143        |
| CEPHALOPODA                            | W2298 | chaetifer, <i>Protodriloides</i>       | P1083        |
| cephaloptera, <i>Spadella</i>          | L29   | Chaetoderma                            | W8           |
| Cephalothricidae                       | G7    | CHAETODERMATIDA                        | W3           |
| Cephalothrix                           | G9    | Chaetodermatidae                       | W7           |
| cephalus, <i>Mugil</i>                 | ZG385 | <i>Chaetogammarus</i>                  | S465         |
| Cepola                                 | ZG376 | Chaetogaster                           | P1408        |
| Cepolidae                              | ZG375 | CHAETOGNATHA                           | L1           |
| Cephus                                 | ZJ352 | Chaetomorpha                           | ZS189        |
| CERACTINOMORPHA                        | C524  | Chaetonema                             | HD44         |
| Ceradocus                              | S501  | CHAETONOTIDA                           | HB116        |
| Ceramaster                             | ZB46  | Chaetonotidae                          | HB123        |
| Ceramiaceae                            | ZM470 | chaetonotoideus, <i>Neodasys</i>       | HB120        |
| ceramiaeformis, <i>Polysiphonia</i>    | ZM658 | Chaetonotus                            | HB130        |
| CERAMIALES                             | ZM469 | Chaetoparia                            | P148         |
| Ceramium                               | ZM507 | Chaetophoraceae                        | ZS78         |
| Ceramonema                             | HD467 | Chaetopteridae                         | P810         |
| Ceramonematidae                        | HD466 | CHAETOPTEROIDEA                        | P809         |
| ceranoides, <i>Fucus</i>               | ZR377 | Chaetopterus                           | P811         |
| Cerapus                                | S559  | Chaetosiphonaceae                      | ZS240        |
| Cerastoderma                           | W1960 | Chaetozone                             | P832         |
| Ceratia                                | W407  | Chalinidae                             | C1393        |
| Ceratias                               | ZG96  | challengeri, <i>Carinaria</i>          | W523         |
| Ceratiidae                             | ZG95  | chamasolen, <i>Azorinus</i>            | W2056        |
| ceratina, <i>Lysianassa</i>            | S303  | <i>chamasolen</i> , <i>Solecurtus</i>  | <i>W2056</i> |
| <i>ceratinus</i> , <i>Lysianax</i>     | S303  | Chamelea                               | W2097        |
| Ceratocephale                          | P459  | Champia                                | ZM446        |
| Ceratocolax                            | ZM396 | Champiaceae                            | ZM445        |
| Ceratocymba                            | D130  | Chaperiidae                            | Y235         |
| Ceratonotus                            | R1769 | Characella                             | C241         |
| Cerberilla                             | W1491 | Characium                              | ZS5          |
| Cerebratulidae                         | G38   | Charadriidae                           | ZJ202        |
| Cerebratulus                           | G39   | CHARADRIIFORMES                        | ZJ183        |
| cereum, <i>Trididemnum</i>             | ZD45  | Charadrius                             | ZJ203        |
| Cereus                                 | D716  | <i>charcoti</i> , <i>Golfingia</i>     | <i>N14</i>   |
| CERIANTHARIA                           | D628  | Charonia                               | W512         |



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| Charopinus                         | R2332 | Choanolaimus                              | HD325 |
| Chartella                          | Y190  | Cholidya                                  | R1005 |
| charybdaea, Endeis                 | Q29   | Cholidiinae                               | R1004 |
| chattoni, Enteropsis               | R752  | Chondracanthidae                          | R2015 |
| Chauvetia                          | W740  | Chondracanthus                            | R2023 |
| Cheilopogon                        | ZG177 | Chondria                                  | ZM629 |
| cheilostoma, Smittina              | Y457  | CHONDRICHTHYES                            | ZF1   |
| CHEILOSTOMATIDA                    | Y149  | Chondrillidae                             | C318  |
| Cheiraster                         | ZB40  | CHONDROSTEI                               | ZG2   |
| Cheirocratus                       | S503  | Chondrus                                  | ZM344 |
| Cheirodonta                        | W531  | Chone                                     | P1264 |
| chelata, Scruparia                 | Y162  | Choniolaimus                              | HD327 |
| chelatus, Euonyx                   | S290  | Choniosphaera                             | R2134 |
| CHELICERATA                        | Q1    | Choniostoma                               | R2136 |
| chelifer, Cornucalanus             | R545  | Chorda                                    | ZR345 |
| chelifer, Harpacticus              | R955  | Chordaceae                                | ZR344 |
| chelifer, Microdeutopus            | S594  | chordae, Myriactula                       | ZR251 |
| chelipes, Idotea                   | S936  | chordalis, Solieria                       | ZM425 |
| Chelon                             | ZG379 | Chordaria                                 | ZR213 |
| Chelonaplysilla                    | C1651 | chordaria, Dictyosiphon                   | ZR141 |
| Chelonia                           | ZI5   | Chordariaceae                             | ZR212 |
| Cheloniidae                        | ZI4   | chordariae, Dichosporangium               | ZR14  |
| Chelophyes                         | D119  | chordariaeformis, Sauvageaugloia          | ZR230 |
| Chelura                            | S602  | CHORDARIALES                              | ZR208 |
| Cheluridae                         | S601  | Chordeumiidae                             | R2200 |
| chemnitzii, Notacanthus            | ZG27  | Chordeumium                               | R2201 |
| Chettusia                          | ZJ212 | Choreocolacaceae                          | ZM307 |
| chevreuxi, Agaue                   | Q78   | Choreocolax                               | ZM308 |
| chevreuxi, Gammarus                | S472  | Choreonema                                | ZM200 |
| chevreuxi, Pagurus                 | S1459 | Choristocarpaceae                         | ZR281 |
| chevreuxi, Parasinelobus           | S1104 | Choristocarpus                            | ZR282 |
| chevreuxii, Neobrachiella          | R2353 | Chorizopora                               | Y343  |
| chiajei, Amphiuira                 | ZB152 | Chorizoporidae                            | Y342  |
| chierchiai, Centropages            | R288  | christenseni, Lumbricillus                | P1547 |
| Chilionema                         | ZR167 | <i>christenseni</i> , <i>Lumbricillus</i> | P1547 |
| Chimaera                           | ZF113 | Christerius                               | P1474 |
| Chimaeridae                        | ZF112 | christianiensis, Stegocephaloides         | S368  |
| CHIMAERIFORMES                     | ZF111 | christii, Balticina                       | D620  |
| chinensis, Calyptraea              | W436  | Chromadora                                | HD188 |
| chione, Callista                   | W2108 | Chromadorella                             | HD191 |
| Chioninae                          | W2096 | CHROMADORIA                               | HD176 |
| Chiridiella                        | R443  | CHROMADORIDA                              | HD177 |
| Chiridius                          | R445  | Chromadoridae                             | HD179 |
| chiroacanthus, Anapagurus          | S1447 | CHROMADORINA                              | HD178 |
| Chirolophis                        | ZG424 | Chromadorina                              | HD195 |
| Chirona                            | R64   | Chromadorita                              | HD222 |
| Chirundina                         | R449  | <i>Chromadorita</i>                       | HD222 |
| Chitinopoma                        | P1326 | <i>Chromadoropsis</i>                     | HD358 |
| Chitwoodia                         | HD463 | Chromaspirina                             | HD354 |
| chlamydis, Doridicola              | R1803 | Chromodorididae                           | W1361 |
| Chlamydoselachidae                 | ZF8   | CHROMOPHYCOTA                             | ZR1   |
| Chlamydoselachus                   | ZF10  | Chroodactylon                             | ZM6   |
| Chlamys                            | W1774 | chrysalis, Amphoriscus                    | C59   |
| Chlidonias                         | ZJ328 | <i>chrysalis</i> , <i>Sycilla</i>         | C59   |
| Chlorhormidium                     | ZS59  | <i>chrysalis</i> , <i>Ute</i>             | C59   |
| Chlorochytrium                     | ZS7   | Chrysallida                               | W928  |
| Chlorococcaceae                    | ZS4   | chrysanthellum, Halcampa                  | D758  |
| CHLOROCOCCALES                     | ZS3   | Chrysaora                                 | D40   |
| Chlorococcum                       | ZS11  | CHRYSOPETALACEA                           | P4    |
| <i>chloroea</i> , <i>Phallusia</i> | ZD94  | Chrysopetalidae                           | P5    |
| Chlorofilum                        | ZS84  | Chrysopetalum                             | P6    |
| <i>Chlorogaster</i>                | R96   | chrystalli, Halectinosoma                 | R854  |
| CHLOROPHYCEAE                      | ZS2   | Chthamalidae                              | R44   |
| CHLOROPHYCOTA                      | ZS1   | CHTHAMALOIDEA                             | R43   |
| chloropus, Gallinula               | ZJ172 | Chthamalophilidae                         | R127  |
| Chlorothrix                        | ZS36  | Chthamalophilus                           | R130  |

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| Chthamalus                               | R45   | <i>cinnamomea</i> , <i>Axinella</i>                        | C539  |
| Chuniphyes                               | D127  | Ciocalypta   | C625  |
| chuss, Urophycis                         | ZG146 | Ciona  | ZD69  |
| Chylocladia                              | ZM448 | Cionidae   | ZD68  |
| chylocladiae, Audouinella                | ZM79  | Circeis  | P1365 |
| <i>cicada</i> , <i>Hoplonyx</i>          | S336  | Circomphalus   | W2090 |
| <i>cicada</i> , <i>Tmetonyx</i>          | S336  | <i>circonflexa</i> , <i>Antho</i>                          | C1226 |
| CICONIIFORMES                            | ZJ62  | <i>circonflexa</i> , <i>Plocamilla</i>                     | C1226 |
| Cidaridae                                | ZB183 | <i>circularis</i> , <i>Pseudopallene</i>                   | Q40   |
| Cidaris                                  | ZB184 | <i>circularis</i> , <i>Raja</i>                            | ZF88  |
| <i>cidaris</i> , <i>Cidaris</i>          | ZB185 | Circulus   | W423  |
| CIDAROIDA                                | ZB182 | Cirolana   | S843  |
| <i>Cigarfish</i> , <i>Longfin</i>        | ZG537 | Cirolanidae  | S841  |
| <i>ciliare</i> , <i>Porphyrostromium</i> | ZM46  | Cirolaninae  | S842  |
| <i>ciliaris</i> , <i>Luidia</i>          | ZB22  | <i>cirrata</i> var. <i>hibernica</i> , <i>Kefersteinia</i> | P306  |
| <i>ciliaris</i> , <i>Luidia</i>          | ZB23  | <i>cirrata</i> , <i>Amphitrite</i>                         | P1182 |
| Ciliata                                  | ZG110 | <i>cirrata</i> , <i>Euphrosine</i>                         | P527  |
| <i>ciliata</i> , <i>Bicellariella</i>    | Y256  | <i>cirrata</i> , <i>Kefersteinia</i>                       | P305  |
| <i>ciliata</i> , <i>Calliblepharis</i>   | ZM319 | <i>cirrata</i> , <i>Laonice</i>                            | P734  |
| <i>ciliata</i> , <i>Microporella</i>     | Y480  | <i>cirrata</i> , <i>Laonice</i>                            | P734  |
| <i>ciliata</i> , <i>Nephtys</i>          | P497  | Cirratulidae   | P822  |
| <i>ciliata</i> , <i>Pneumodermopsis</i>  | W1214 | CIRRATULOIDEA  | P821  |
| <i>ciliata</i> , <i>Polydora</i>         | P752  | Cirratulus   | P835  |
| <i>ciliata</i> , <i>Scololepis</i>       | P738  | <i>cirratus</i> , <i>Cirratulus</i>                        | P836  |
| <i>ciliata</i> , <i>Scypha</i>           | C132  | <i>cirratus</i> , <i>Diplopeltis</i>                       | HD621 |
| <i>ciliata</i> , <i>Scypha</i>           | C133  | <i>cirratus</i> , <i>Armandia</i>                          | P1010 |
| <i>ciliata</i> , <i>Scypha</i>           | C133  | <i>cirratus</i> , <i>Eledone</i>                           | B10   |
| <i>ciliata</i> , <i>Scypha</i>           | C134  | <i>cirratus</i> , <i>Eledone</i>                           | W2398 |
| <i>ciliata</i> , <i>Scypha</i>           | C135  | <i>cirratus</i> , <i>Minuspio</i>                          | P747  |
| <i>ciliata</i> , <i>Scypha</i>           | C137  | <i>cirratus</i> , <i>Myzostomum</i>                        | P1401 |
| <i>ciliata</i> , <i>Scypha</i>           | C138  | Cirriformia  | P838  |
| <i>ciliata</i> , <i>Scypha</i>           | C139  | <i>cirrigera</i> , <i>Okenia</i>                           | W1309 |
| <i>ciliata</i> , <i>Scypha</i>           | C140  | CIRRIPEDIA   | R14   |
| Ciliatocardium                           | W1964 | <i>cirrophora</i> , <i>Tetranchyroderma</i>                | HB77  |
| <i>ciliatum</i> , <i>Ceramium</i>        | ZM511 | Cirrophorus  | P689  |
| <i>ciliatum</i> , <i>Ciliatocardium</i>  | W1965 | <i>cirrosa</i> , <i>Dioplosyllis</i>                       | P377  |
| <i>ciliatum</i> , <i>Clinocardium</i>    | W1965 | <i>cirrosa</i> , <i>Gattyana</i>                           | P49   |
| <i>ciliatus</i> , <i>Protodrilus</i>     | P1072 | <i>cirrosa</i> , <i>Nephtys</i>                            | P498  |
| <i>Ciliocincta</i>                       | B24   | <i>cirrosa</i> , <i>Sphacelaria</i>                        | ZR291 |
| Ciliocincta                              | B30   | <i>cirrosa</i> , <i>Umbrina</i>                            | ZG371 |
| Cima                                     | W896  | <i>cirrosa</i> , <i>Apherusa</i>                           | S103  |
| <i>cimbricum</i> , <i>Ceramium</i>       | ZM512 | Cirsonella   | W200  |
| <i>cimbrius</i> , <i>Rhinonemus</i>      | ZG140 | <i>Cirsonella</i>  | W200  |
| <i>cimicoides</i> , <i>Acinulus</i>      | W341  | <i>cistellula</i> , <i>Argyrotheca</i>                     | X35   |
| <i>cimicoides</i> , <i>Alvania</i>       | W341  | Cistenides   | P1103 |
| <i>cimicoides</i> , <i>Turbona</i>       | W341  | <i>citrea</i> , <i>Aegina</i>                              | D544  |
| Cimidae                                  | W895  | <i>citrea</i> , <i>Anaitides</i>                           | P140  |
| <i>cinnatus</i> , <i>Thelepus</i>        | P1254 | <i>citrea</i> , <i>Berthellina</i>                         | W1162 |
| <i>cincta</i> , <i>Clymenella</i>        | P953  | <i>citrea</i> , <i>Bowerbankia</i>                         | Y138  |
| <i>cincta</i> , <i>Desmodora</i>         | HD347 | <i>citrea</i> , <i>Molgula</i>                             | ZD148 |
| <i>cincta</i> , <i>Diadumene</i>         | D705  | <i>citrea</i> , <i>Molgula</i>                             | ZD150 |
| <i>cincta</i> , <i>Nephasoma</i>         | N22   | <i>citrea</i> , <i>Phyllococe</i>                          | P140  |
| <i>cincta</i> , <i>Solariella</i>        | W189  | <i>citrinus</i> , <i>Spinther</i>                          | P533  |
| <i>cinctus</i> , <i>Amphiascopsis</i>    | R1160 | Cladonema  | D198  |
| <i>cineraria</i> , <i>Gibbula</i>        | W163  | Cladonemidae   | D197  |
| <i>cinerea</i> , <i>Ardea</i>            | ZJ65  | Cladophora   | ZS195 |
| <i>cinerea</i> , <i>Haliclona</i>        | C1422 | Cladophoraceae   | ZS188 |
| <i>cinerea</i> , <i>Lepidochitona</i>    | W79   | CLADOPHORALES  | ZS187 |
| <i>cinerea</i> , <i>Urosalpinx</i>       | W691  | CLADOPHOROPHYCEAE  | ZS186 |
| <i>cinereus</i> , <i>Xenus</i>           | ZJ293 | Cladorhiza   | C865  |
| <i>cingillus</i> , <i>Cingula</i>        | W358  | Cladorhizidae  | C860  |
| Cingula                                  | W356  | Cladosiphon  | ZR215 |
| <i>cingulata</i> , <i>Philine</i>        | W1040 | Cladostephaceae  | ZR284 |
| <i>cingulatus</i> , <i>Eubranchus</i>    | W1451 | Cladostephus   | ZR285 |
| CINGULOPSACEA                            | W314  | <i>clandestina</i> , <i>Myriactula</i>                     | ZR252 |
| Cingulopsidae                            | W315  | <i>clandestina</i> , <i>Schizopera</i>                     | R1251 |

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| Clangula                                | ZJ129 | clavata, Haplota                       | Y339  |
| clangula, Bucephala                     | ZJ127 | clavata, <i>Hymenaphia</i>             | C1287 |
| claparedei, Loxosoma                    | K7    | clavata, Meganerilla                   | P1043 |
| claparedi, Thaumaleus                   | R2390 | clavata, Raja                          | ZF89  |
| claparedii, Draconema                   | HD385 | clavata, <i>Ralfsia</i>                | ZR196 |
| claparedii, Edwardsia                   | D766  | clavata, Stragularia                   | ZR196 |
| claparedii, Prosorhochmus               | G115  | clavatum, Arachnidium                  | Y87   |
| claparedii, Sphaerodoridium             | P284  | clavatum, Eurypon                      | C1287 |
| <i>clarkei</i> , <i>Architeuthis</i>    | W2353 | clavatum, Peplum                       | W1788 |
| <i>clarkei</i> , <i>Potidoma</i>        | W1911 | clavatum, <i>Pseudamussium</i>         | W1788 |
| clarkiae, Epilepton                     | W1911 | clavatus, Euaugaptilus                 | R172  |
| clarkii, Caecum                         | W417  | clavatus, Trophon                      | W677  |
| clathrata, Chrysallida                  | W932  | clavatus, <i>Trophonopsis</i>          | W677  |
| clathrata, Enteromorpha                 | ZS151 | Clavelina                              | ZD6   |
| clathrata, Hemicytherura                | R2543 | clavelinae, Enterocola                 | R741  |
| clathratulum, Epitonium                 | W556  | Clavelinidae                           | ZD5   |
| <i>clathratulus</i> , <i>Clathrus</i>   | W556  | Clavella                               | R2335 |
| clathratum, Cytheropteron               | R2525 | Clavellisa                             | R2339 |
| <i>clathratus</i> , <i>Boreotophon</i>  | W676  | Clavellistes                           | R2342 |
| clathratus, Trophon                     | W676  | Clavellodes                            | R2344 |
| <i>clathratus</i> , <i>Trophonopsis</i> | W676  | clavellosa, Lomentaria                 | ZM456 |
| Clathria                                | C1130 | clavicaudatum, Pomponema               | HD286 |
| <i>Clathria</i>                         | C1184 | clavicornis, Cerviniopsis              | R809  |
| Clathrina                               | C15   | clavicornis, Macrochaeta               | P891  |
| CLATHRINIDA                             | C4    | Clavidae                               | D281  |
| Clathrinidae                            | C5    | claviformis, Loxosomella               | K19   |
| Clathrodiscus                           | ZR109 | claviformis, Stylactis                 | D280  |
| Clathrus                                | W548  | clavigera, Eurypon                     | C1288 |
| <i>clathrus</i> , <i>Clathrus</i>       | W549  | clavigera, Limacia                     | W1354 |
| <i>clathrus</i> , <i>Ascetta</i>        | C11   | clavigera, Ophiomitrella               | ZB134 |
| clathrus, Clathrina                     | C11   | clavigerus, Balanoglossus              | ZC26  |
| clathrus, Epitonium                     | W549  | clavipes, Isias                        | R294  |
| <i>clathrus</i> , <i>Leucosolenia</i>   | C11   | Clavopsella                            | D259  |
| claudicans, Microcosmus                 | ZD133 | <i>clavula</i> , <i>Liostomia</i>      | W949  |
| clausa, Lovenella                       | D336  | clavula, <i>Liostomia</i>              | W950  |
| <i>clausa</i> , <i>Natica</i>           | W485  | <i>clavula</i> , <i>Menestho</i>       | W950  |
| <i>clausa</i> , <i>Tectonatica</i>      | W485  | <i>clavula</i> , <i>Odostomia</i>      | W950  |
| clausi, Astericola                      | R1824 | Clavulariidae                          | D591  |
| clausi, Corycaeus                       | R1994 | clavularis, Hemimesochra               | R1461 |
| clausi, Lucicutia                       | R256  | <i>clavus</i> , <i>Caryophyllia</i>    | D783  |
| clausi, Parathalestris                  | R1068 | Cleistocarpidae                        | D4    |
| clausi, Tegastes                        | R1054 | Clelandella                            | W171  |
| Clausia                                 | R1933 | <i>clelandi</i> , <i>Cantharidus</i>   | W172  |
| <i>clausianum</i> , <i>Dicyema</i>      | B5    | <i>clelandi</i> , <i>Clelandella</i>   | W172  |
| Clausidiidae                            | R1911 | Cleta                                  | R1753 |
| clausii, Acartia                        | R342  | Cletocamptus                           | R1458 |
| clausii, Eunicicola                     | R1962 | Cletodes                               | R1563 |
| clausii, Gastrodelphys                  | R1873 | Cletodidae                             | R1560 |
| clausii, Heterorhabdus                  | R238  | clevei, Apherusa                       | S104  |
| clausii, Mecynocera                     | R385  | <i>cliarensis</i> , <i>Aphroceras</i>  | C111  |
| clausii, Microconchoecia                | R2452 | Clibanarius                            | S1441 |
| clausii, Siriella                       | S35   | Climacosorus                           | ZR11  |
| Clausiididae                            | R1932 | <i>Clingfish</i> , <i>Connemara</i>    | ZG88  |
| Clausinella                             | W2099 | <i>Clingfish</i> , <i>Shore</i>        | ZG89  |
| Clausocalanidae                         | R413  | <i>Clingfish</i> , <i>Small-headed</i> | ZG84  |
| CLAUSOCALANOIDEA                        | R412  | <i>Clingfish</i> , <i>Two-spotted</i>  | ZG86  |
| Clausocalanus                           | R414  | Clinocardium                           | W1963 |
| Clausophyidae                           | D123  | Clio                                   | W1184 |
| Clava                                   | D282  | Clioinae                               | W1183 |
| clava, Lepidonotus                      | P81   | Cliona                                 | C475  |
| clava, Styela                           | ZD104 | CLIONACEA                              | W1205 |
| clavaeformis, Myriotrichia              | ZR154 | Cliome                                 | W1229 |
| clavata, Acanthochondria                | R2017 | Clionidae                              | C471  |
| clavata, Bonnemaisionia                 | ZM147 | Cliopsidae                             | W1225 |
| clavata, Brania                         | P412  | Cliopsis                               | W1226 |
| <i>clavata</i> , <i>Grubea</i>          | P412  | clipeatum, Heterolepidoderma           | HB164 |

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| Clistosaccidae                   | R135  | <i>cocksii, Myriothele</i>        | D205  |
| Clistosaccus                     | R136  | <i>cocksii, Phanoderma</i>        | HD51  |
| Clitellio                        | P1476 | <i>cocksii, Acteonina</i>         | W1137 |
| <i>Cloak anemone</i>             | D743  | <i>cocksii, Cenia</i>             | W1137 |
| clodiensis, Tisbe                | R987  | <i>Cod</i>                        | ZG116 |
| clotensis, Haloschizopera        | R1189 | <i>Cod, Poor</i>                  | ZG144 |
| Clupea                           | ZG33  | Codakia                           | W1819 |
| Clupeidae                        | ZG29  | Codiaceae                         | ZS243 |
| CLUPEIFORMES                     | ZG28  | codicola, Audouinella             | ZM80  |
| cluthae, Bopyroides              | S999  | codii, Audouinella                | ZM81  |
| cluthae, Hatschekia              | R2290 | CODIOLALES                        | ZS34  |
| cluthae, Mesnilia                | R1939 | Codium                            | ZS244 |
| cluthae, Paramisophria           | R219  | Codonellina                       | Y415  |
| cluthae, Sphaeronella            | R2153 | coecum, Pseudocella               | HD77  |
| cluthae, Tisbe                   | R988  | coei, Carinina                    | G25   |
| cluthensis, Lumbrineris          | P575  | coelebs, Kliopsyllus              | R1392 |
| Clymenella                       | P952  | coeliaca, Harmothoe               | P56   |
| clymenoides, Johnstonia          | P969  | coeliaca, Trypanosyllis           | P362  |
| clymenoides, Peresiella          | P925  | coeliopodium, Tetranchyroderma    | HB78  |
| Clymenura                        | P955  | coelolepis, Centroscymnus         | ZF52  |
| CLYPEASTEROIDA                   | ZB209 | Coelorhynchus                     | ZG154 |
| clypeata, Anas                   | ZJ97  | coelorhynchus, Coelorhynchus      | ZG155 |
| clypeata, Clymenura              | P957  | Coelosphaeridae                   | C895  |
| clypeata, Dactylopodella         | R1116 | coelothrix, Cladophora            | ZS199 |
| <i>clypeata, Leiochone</i>       | P957  | coeruleoalba, Stenella            | ZK24  |
| clypeata, Testudinella           | HA104 | coeruleocruceata, Microcancerilla | R2124 |
| Clypeoniscus                     | S968  | coerulescens, Chondria            | ZM631 |
| Clytemnestra                     | R1046 | coeruleum, Aplidium               | ZD34  |
| Clytemnestridae                  | R1045 | coespitosella, Rhodymenia         | ZM464 |
| Clytia                           | D501  | Cognettia                         | P1506 |
| Clytiinae                        | D500  | cohnii, Chlorochytrium            | ZS8   |
| Cnemidocarpa                     | ZD108 | <i>Coho Salmon</i>                | ZG48  |
| CNIDARIA                         | D1    | coindetii, Illex                  | W2368 |
| <i>coactura, Ecionemia</i>       | C206  | Colacodictyon                     | ZM8   |
| <i>Coalfish</i>                  | ZG136 | coleoptratus, Echthrogaleus       | R2245 |
| coalita, Guerneia                | S418  | colesi, Hypodontolaimus           | HD233 |
| <i>coalita, Halichondria</i>     | C638  | <i>Collared Pratincole</i>        | ZJ201 |
| <i>coarctata, Cytharella</i>     | W804  | Collarina                         | Y313  |
| <i>coarctata, Mangelia</i>       | W804  | collaris, Aythya                  | ZJ115 |
| <i>coarctata, Menestho</i>       | W958  | collaris, Chone                   | P1266 |
| <i>coarctata, Ondina</i>         | W958  | collaris, Neolagenipora           | Y376  |
| <i>coarctatus, Hyas</i>          | S1519 | collaris, Parathelepus            | P1249 |
| <i>coatesae, Tubificoides</i>    | P1491 | <i>colleti, Siphonoecetes</i>     | S618  |
| cobbi, Siphonolaimus             | HD563 | Collettea                         | S1120 |
| cobbi, Viscosia                  | HD130 | colletti, Phronima                | S748  |
| Cobbia                           | HD505 | Colliculus                        | W160  |
| cobitis, Gobius                  | ZG463 | <i>collingsii, Tethea</i>         | C206  |
| coccinea, Escharoides            | Y358  | collinsi, Balcis                  | W601  |
| coccinea, Lumbrineris            | P576  | <i>collinsi, Balcis</i>           | W601  |
| coccinea, Platynereis            | P483  | <i>collinsi, Eulima</i>           | W601  |
| coccinea, Porphyropsis           | ZM42  | <i>collinsi, Vitreolina</i>       | W601  |
| <i>coccinea, Sagartia</i>        | D721  | Collocheres                       | R2083 |
| coccinea, Stomphia               | D695  | Collothea                         | HA111 |
| coccinus, Lineus                 | G53   | COLLOTHECACEAE                    | HA109 |
| Coccotylus                       | ZM394 | Collothecidae                     | HA110 |
| COCCULINIFORMIA                  | W243  | Coloboceras                       | Q92   |
| coccyginus, Cenodagreutes        | W829  | Colobonema                        | D567  |
| <i>coccyginus, Cenodagreutes</i> | W864  | Colomastigidae                    | S181  |
| <i>cochlear, Hyotissa</i>        | W1766 | Colomastix                        | S182  |
| cochlear, Neopycnodonte          | W1766 | COLONIALES                        | K43   |
| <i>cochlear, Pycnodonte</i>      | W1766 | Colpodaspis                       | W1060 |
| cochlearis, Keratella            | HA23  | Colpomenia                        | ZR183 |
| Cochlespirinae                   | W779  | columbianus, Cygnus               | ZJ132 |
| Cochliopinae                     | W388  | <i>columella, Desmacidon</i>      | C984  |
| Cochlodesma                      | W2237 | columella, Hemimyscale            | C984  |
| <i>cocksii, Arum</i>             | D205  | <i>columella, Stylotella</i>      | C984  |

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| columnella, Cuvierina                       | W1192        | complanata, Scinaia                     | ZM128        |
| Colurella                                   | HA15         | complanata, Watersipora                 | Y408         |
| colurus, Colurella                          | HA16         | complexa, Marylynnia                    | HD321        |
| Colus                                       | W713         | complexus, Theristus                    | HD524        |
| Comarmondia                                 | W830         | <i>complicata</i> , <i>Ascandra</i>     | C55          |
| comata, Polycarpa                           | ZD111        | complicata, Leucosolenia                | C55          |
| comatulae, Enterognathus                    | R776         | <i>compressa</i> , <i>Ecionemia</i>     | C253         |
| COMATULIDA                                  | ZB7          | <i>compressa</i> , Enteromorpha         | ZS152        |
| <i>comatus</i> , <i>Aiptasiogeton</i>       | <i>D702</i>  | <i>compressa</i> , Grantia              | C78          |
| <i>Comber</i>                               | <i>ZG309</i> | <i>compressa</i> , Loxosomella          | K20          |
| Comesa                                      | HD271        | <i>compressa</i> , <i>Pachastrella</i>  | C253         |
| <i>Comesoma</i>                             | <i>HD250</i> | <i>compressa</i> , Poecillastra         | C253         |
| Comesomatidae                               | HD247        | <i>compressa</i> , Polycopsis           | R2441        |
| commensalis, Commensodorum                  | P280         | <i>compressa</i> , Porella              | Y384         |
| commensalis, Laophonte                      | R1701        | <i>compressa</i> , <i>Scypha</i>        | C78          |
| <i>commensalis</i> , <i>Sphaerodoridium</i> | <i>P280</i>  | <i>compressa</i> , <i>Scypha</i>        | C99          |
| Commensodorum                               | P279         | <i>compressa</i> , <i>Sycandra</i>      | C78          |
| <i>Common Coot</i>                          | <i>ZJ169</i> | <i>compressa</i> , Themisto             | S741         |
| <i>Common Dolphin</i>                       | <i>ZK26</i>  | compressum, Ectinosoma                  | R836         |
| <i>Common Dragonet</i>                      | <i>ZG452</i> | compressus, Asperococcus                | ZR164        |
| <i>Common Eider</i>                         | <i>ZJ152</i> | Componema                               | ZR111        |
| <i>Common Goby</i>                          | <i>ZG478</i> | compsonyx, Harpacticus                  | R956         |
| <i>Common Goldeneye</i>                     | <i>ZJ127</i> | Compsothamnion                          | ZM527        |
| <i>Common Greenshank</i>                    | <i>ZJ285</i> | comptum, Ceramium                       | ZM513        |
| <i>Common Guillemot</i>                     | <i>ZJ359</i> | CONACEA                                 | W770         |
| <i>Common Gull</i>                          | <i>ZJ304</i> | <i>Conaea</i>                           | <i>R1874</i> |
| <i>Common Gull</i>                          | <i>ZJ305</i> | concentrica, Cytherura                  | R2538        |
| <i>Common Hammerhead</i>                    | <i>ZF44</i>  | concharum, Dodecaceria                  | P842         |
| <i>Common Moorhen</i>                       | <i>ZJ172</i> | concharum, Penetrantia                  | Y128         |
| <i>Common Pochard</i>                       | <i>ZJ116</i> | conchicola, Audouinella                 | ZM82         |
| <i>Common Porpoise</i>                      | <i>ZK42</i>  | conchilega, Ascidia                     | ZD88         |
| <i>Common Redshank</i>                      | <i>ZJ289</i> | conchilega, Lanice                      | P1195        |
| <i>Common Rorqual</i>                       | <i>ZK68</i>  | Conchocheres                            | R2059        |
| <i>Common Sandpiper</i>                     | <i>ZJ224</i> | Conchoderma                             | R29          |
| <i>Common Scoter</i>                        | <i>ZJ139</i> | Conchoecia                              | R2443        |
| <i>Common Scoter</i>                        | <i>ZJ140</i> | CONCHORAGAE                             | HC19         |
| <i>Common Seal</i>                          | <i>ZK13</i>  | <i>conchylega</i> , <i>Nothria</i>      | <i>P544</i>  |
| <i>Common Shelduck</i>                      | <i>ZJ156</i> | conchylega, Nothria                     | P545         |
| <i>Common Snipe</i>                         | <i>ZJ249</i> | <i>conchylega</i> , <i>Nothria</i>      | <i>P545</i>  |
| <i>Common Teal</i>                          | <i>ZJ98</i>  | conchyliophila, Pringsheimiella         | ZS107        |
| <i>Common Tern</i>                          | <i>ZJ343</i> | Conchyliurus                            | R1912        |
| commune, Mysidion                           | R2144        | concinna, Cuthona                       | W1435        |
| <i>commune</i> , <i>Thyonidium</i>          | <i>ZB282</i> | concinna, Elofsonella                   | R2576        |
| <i>communis</i> , <i>Acanthochitona</i>     | <i>W87</i>   | concinna, Porella                       | Y385         |
| <i>communis</i> , <i>Cucumaria</i>          | <i>ZB282</i> | <i>concinnus</i> , <i>Colus</i>         | <i>W725</i>  |
| <i>communis</i> , <i>Desmodora</i>          | <i>HD341</i> | <i>concinnus</i> , <i>Mohnia</i>        | <i>W725</i>  |
| <i>communis</i> , <i>Desmodora</i>          | <i>HD342</i> | concollum, Pneophyllum                  | ZM269        |
| <i>communis</i> , <i>Enoplus</i>            | <i>HD11</i>  | <i>concollum</i> , <i>Pneophyllum</i>   | <i>ZM269</i> |
| <i>communis</i> , <i>Enoplus</i>            | <i>HD9</i>   | concrecens, Audouinella                 | ZM83         |
| <i>communis</i> , Marionina                 | P1565        | <i>concrecens</i> , <i>Circinalium</i>  | <i>ZD31</i>  |
| <i>communis</i> , Nais                      | P1414        | condensus, Chaetonotus                  | HB133        |
| <i>communis</i> , Terschellingia            | HD586        | Condyloderes                            | HC17         |
| <i>communis</i> , Turritella                | W270         | <i>confederata</i> , <i>Salpa</i>       | <i>ZD205</i> |
| <i>commutatatum</i> , <i>Cirsotrema</i>     | <i>W551</i>  | conferta, Dicoryne                      | D262         |
| <i>commutatatum</i> , <i>Epitonium</i>      | <i>W551</i>  | confervicola, Pneophyllum               | ZM264        |
| compacta, Eurystrotos                       | Y39          | <i>confervoides</i> , <i>Gracilaria</i> | <i>ZM433</i> |
| compacta, Pionosyllis                       | P396         | <i>confervoides</i> , Rhodomela         | ZM690        |
| compacta, Rhabdopleura                      | ZC6          | confine, Titanoderma                    | ZM279        |
| compacta, Schizopera                        | R1252        | <i>confine</i> , <i>Titanoderma</i>     | <i>ZM279</i> |
| compacta, Tisbe                             | R989         | confluens, Cletocamptus                 | R1459        |
| <i>compactilis</i> , <i>Balcis</i>          | <i>W636</i>  | confluens, Heteropsyllus                | R1463        |
| <i>compactilis</i> , <i>Eulima</i>          | <i>W636</i>  | confluens, Leptomesochra                | R1317        |
| <i>compactilis</i> , Melanella              | <i>W636</i>  | confluens, Psammastacus                 | R1522        |
| compactus, Heterorhabdus                    | R239         | confluens, Pseudopringsheimia           | ZS116        |
| complanata, Molgula                         | ZD149        | confluens, Stenhelia                    | R1262        |
| complanata, Pterosiphonia                   | ZM684        | confoederata, Pegea                     | ZD205        |

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| confusa, Pseudione                  | S1022 | <i>Coot</i>                             | ZJ169 |
| confusus, Holobomolochus            | R2007 | <i>Coot, Common</i>                     | ZJ169 |
| confusus, Typhlamphiascus           | R1275 | <i>Coot, American</i>                   | ZJ170 |
| congenera, Bradya                   | R826  | copei, Xenodermichthys                  | ZG64  |
| congenera, Paralaophonte            | R1727 | COPELATA                                | ZD161 |
| Conger                              | ZG16  | COPEPODA                                | R142  |
| <i>Conger Eel</i>                   | ZG17  | Copepoda incertae sedis                 | R2401 |
| conger, Conger                      | ZG17  | Copidognathus                           | Q94   |
| Congericola                         | R2287 | Copidozoum                              | Y215  |
| Congridae                           | ZG15  | Copilia                                 | R1900 |
| CONICA                              | D296  | <i>copiosa, Desmacidon</i>              | C723  |
| <i>conica, Emarginula</i>           | W107  | <i>coral, Carpet</i>                    | D789  |
| <i>conica, Pandeia</i>              | D244  | CORALLIMORPHARIA                        | D772  |
| <i>conicauda, Gammanema</i>         | HD331 | Corallimorphidae                        | D773  |
| <i>conicaudatus, Onchium</i>        | HD446 | <i>Corallina</i>                        | HD152 |
| <i>conicaudatus, Paralinhomoeus</i> | HD577 | Corallina                               | ZM202 |
| conifera, Oncaea                    | R1885 | <i>corallina, Mactra</i>                | W1972 |
| conigera, Polymastia                | C359  | Corallinaceae                           | ZM194 |
| Conilera                            | S848  | corallinae, Spirorbis                   | P1392 |
| Coninckia                           | HD626 | corallinae, Titanoderma                 | ZM274 |
| Coninckidae                         | HD625 | CORALLINALES                            | ZM193 |
| conirostre, Tanystylum              | Q26   | corallinoides, Griffithsia              | ZM533 |
| conjunctiva, Monstrilla             | R2376 | corallioides, Lithothamnion             | ZM236 |
| <i>Connemara Clingfish</i>          | ZG88  | Coralliophaga                           | W2076 |
| Conochilidae                        | HA106 | coralliophaga, Aka                      | C1486 |
| Conochilus                          | HA107 | <i>coralliophaga, Cliona</i>            | C1486 |
| Conocyema                           | B12   | Corallistidae                           | C282  |
| Conocyemidae                        | B11   | coralloides, Clathria                   | C1135 |
| conoidea, Lensia                    | D108  | coralloides, Parerythropodium           | D601  |
| conoidea, Megastomia                | W952  | Corambe                                 | W1295 |
| <i>conoidea, Odostomia</i>          | W952  | Corambidae                              | W1294 |
| Conopeum                            | Y171  | <i>Corbin's Sand-eel</i>                | ZG448 |
| conothelis, Microlaimus             | HD405 | Corbula                                 | W2155 |
| <i>consimilis, Fusus</i>            | W717  | corbula, Puellina                       | Y318  |
| consimilis, Pteropsyllus            | R1447 | Corbulidae                              | W2153 |
| conspicua, Haloschizopera           | R1190 | Corbulinae                              | W2154 |
| conspicua, Megastomia               | W954  | cordatum, Aglaothamnion                 | ZM475 |
| <i>conspicua, Odostomia</i>         | W954  | cordatum, Echinocardium                 | ZB223 |
| <i>constellata, Bubaris</i>         | C454  | Cordylecladia                           | ZM460 |
| <i>constellata, Halicnemia</i>      | C454  | Cordylophora                            | D284  |
| constellata, Paratimea              | C454  | <i>coregonoides borealis, Paralepis</i> | ZG80  |
| <i>constricta, Bythocythere</i>     | R2477 | coregonoides, Paralepis                 | ZG80  |
| <i>constricta, Bythocythere</i>     | R2479 | Coregonus                               | ZG44  |
| constricta, Rosenvingiella          | ZS31  | Corella                                 | ZD80  |
| constrictum, Nephasoma              | N21   | Corellidae                              | ZD79  |
| constrictus orotavae, Kliopsyllus   | R1394 | <i>coriacea, Antho</i>                  | C1227 |
| constrictus, Kliopsyllus            | R1393 | <i>coriacea, Ascetta</i>                | C13   |
| contarenii, Mycale                  | C723  | <i>coriacea, Clathria</i>               | C14   |
| <i>contorta, Ascandra</i>           | C12   | <i>coriacea, Clathrina</i>              | C11   |
| contorta, Clathrina                 | C12   | <i>coriacea, Clathrina</i>              | C12   |
| contorta, Dumontia                  | ZM332 | coriacea, Clathrina                     | C13   |
| <i>contorta, Forskalia</i>          | D78   | <i>coriacea, Clathrina</i>              | C15   |
| <i>contorta, Leucosolenia</i>       | C12   | coriacea, Dermochelys                   | ZI15  |
| contorta, Tellamia                  | ZS124 | <i>coriacea, Leucosolenia</i>           | C13   |
| contortus, Cladosiphon              | ZR216 | coriacea, Micropora                     | Y286  |
| contortus, Sclerochilus             | R2489 | coriacea, Plocamilla                    | C1227 |
| contractus, Calocalanus             | R372  | coriacea, Styela                        | ZD105 |
| <i>contraria, Neptunea</i>          | W727  | coriaceum, Didemnum                     | ZD51  |
| convexa, Aurila                     | R2568 | <i>coriaceus, Anchinoe</i>              | C926  |
| convexa, Thracia                    | W2229 | <i>coriaceus, Ilyopsyllus</i>           | R1282 |
| <i>convoluta, Glycera</i>           | P265  | Coriandria                              | W317  |
| convolvulus, Craterolophus          | D6    | Corina                                  | R1902 |
| conybeari, Dicoryne                 | D263  | Coris                                   | ZG391 |
| <i>Cook, Rock</i>                   | ZG390 | <i>Corkwing</i>                         | ZG395 |
| cooki, Adelodrilus                  | P1433 | <i>Cormorant</i>                        | ZJ58  |
| cooperatum, Halectinosoma           | R855  | <i>Cormorant, Double-crested</i>        | ZJ57  |

|                                      |       |  |       |
|--------------------------------------|-------|--|-------|
| <i>Cormorant, Great</i>              | ZJ58  | corrugatum, <i>Nephasoma diaphanes</i> | N23   |
| <i>Com Crane</i>                     | ZJ167 | corrugatus, <i>Liocarcinus</i>         | S1579 |
| <i>Comcrake</i>                      | ZJ167 | <i>corrugatus, Spirorbis</i>           | P1375 |
| cornea, <i>Donacilla</i>             | W1989 | <i>corticata, Atergia</i>              | C353  |
| cornea, <i>Hispanirhynchia</i>       | X20   | corunnae, <i>Myrionema</i>             | ZR118 |
| <i>comiculata, Jania</i>             | ZM220 | <i>Corybas</i>                         | C725  |
| corniger, <i>Larnacicus</i>          | Y237  | Corycaeidae                            | R1991 |
| cornigera, <i>Dendrophyllia</i>      | D801  | Corycaeus                              | R1992 |
| cornigera, <i>Epimeria</i>           | S374  | Corycella                              | R2000 |
| Cornirostridae                       | W880  | corymbifera, <i>Audouinella</i>        | ZM84  |
| <i>Comish Blackfish</i>              | ZG534 | corymbifera, <i>Dasya</i>              | ZM576 |
| <i>Comish Sucker</i>                 | ZG89  | corymbosa, <i>Bryopsis</i>             | ZS228 |
| cornualis, <i>Schizoporella</i>      | Y424  | corymbosum, <i>Callithamnion</i>       | ZM502 |
| Cornucalanus                         | R544  | Corymorpha                             | D154  |
| cornu-cervi, <i>Stylonema</i>        | ZM14  | Corymorphidae                          | D153  |
| cornucopiae, <i>Cornularia</i>       | D588  | Corynactis                             | D774  |
| cornucopiae, <i>Merona</i>           | D287  | Coryne                                 | D172  |
| <i>cornucopiae, Plumularia</i>       | D450  | corynetes, <i>Gossea</i>               | D532  |
| <i>Cornularia</i>                    | D587  | Corynidae                              | D171  |
| Cornulariidae                        | D586  | Corynophlaea                           | ZR240 |
| cornuta, <i>Acanthochondria</i>      | R2018 | Corynophlaeaceae                       | ZR239 |
| cornuta, <i>Crisidia</i>             | Y8    | coryphaenae, <i>Caligus</i>            | R2212 |
| cornuta, <i>Dactylopodola</i>        | HB6   | Coryphaenoides                         | ZG156 |
| cornuta, <i>Diastylis</i>            | S1249 | Coryphella                             | W1416 |
| cornuta, <i>Ehlersia</i>             | P349  | Coryphoblennius                        | ZG409 |
| cornuta, <i>Eurylepta</i>            | F104  | <i>Cory's Shearwater</i>               | ZJ28  |
| cornuta, <i>Filinia</i>              | HA95  | Corystes                               | S1551 |
| cornuta, <i>Gammaropsis</i>          | S539  | Corystidae                             | S1550 |
| cornuta, <i>Laophonte</i>            | R1702 | Cosmetira                              | D316  |
| cornuta, <i>Polydora</i>             | P753  | <i>cossmanni, Cerithiella</i>          | W281  |
| cornuta, <i>Proceraea</i>            | P452  | cossmanni, <i>Krachia</i>              | W281  |
| cornuta, <i>Semicytherura</i>        | R2550 | Cossura                                | P868  |
| cornuta, <i>Syllis</i>               | P349  | COSSURIDA                              | P866  |
| cornuta, <i>Turbanella</i>           | HB108 | Cossuridae                             | P867  |
| cornuta, <i>Xenotrichula</i>         | HB191 | Costa                                  | R2672 |
| <i>comutus, Autolytus</i>            | P452  | costana, <i>Paranthura</i>             | S810  |
| comutus, <i>Phyllothyreus</i>        | R2249 | <i>costata, Alvania</i>                | W361  |
| comutus, <i>Rhinocalanus</i>         | R397  | costata, <i>Campylaspis</i>            | S1216 |
| corona, <i>Solmaris</i>              | D558  | costata, <i>Carpomitra</i>             | ZR325 |
| CORONATA                             | D20   | <i>costata, Cytharella</i>             | W804  |
| coronata, <i>Brisingella</i>         | ZB94  | costata, <i>Heterochaeta</i>           | P1479 |
| coronata, <i>Doto</i>                | W1272 | costata, <i>Monoposthia</i>            | HD415 |
| <i>coronata, Facelina</i>            | W1469 | costata, <i>Zanlea</i>                 | D211  |
| coronata, <i>Hormathia</i>           | D731  | <i>costatus, Tubifex</i>               | P1479 |
| coronata, <i>Idomene</i>             | R1121 | <i>costellata, Cardiomya</i>           | W2289 |
| coronata, <i>Longipedia</i>          | R789  | costellata, <i>Cuspidaria</i>          | W2289 |
| coronata, <i>Runcina</i>             | W1094 | <i>costulata, Eumetula</i>             | W279  |
| <i>coronata, Scypha</i>              | C133  | costulata, <i>Gari</i>                 | W2048 |
| coronata, <i>Scypha</i>              | C134  | <i>costulata, Mangelia</i>             | W801  |
| coronatatum, <i>Tetrastemma</i>      | G123  | <i>costulata, Mangelia</i>             | W807  |
| <i>coronatatum, Tetrastemma</i>      | G123  | costulata, <i>Moelleria</i>            | W135  |
| coronatatum, <i>Thoracostoma</i>     | HD84  | costulatus, <i>Musculus</i>            | W1720 |
| coronatus, <i>Pseudotachidius</i>    | R1126 | Cottidae                               | ZG273 |
| coronopifolius, <i>Sphaerococcus</i> | ZM428 | cottonii, <i>Fucus</i>                 | ZR378 |
| Coronopora                           | Y67   | Cottunculus                            | ZG287 |
| Coronula                             | R50   | COTYLEA                                | F98   |
| coronula, <i>Eurypon</i>             | C1289 | couchi, <i>Gobius</i>                  | ZG464 |
| <i>coronula, Hymeraphia</i>          | C1289 | couchi, <i>Halophiloscia</i>           | S1081 |
| Coronulidae                          | R49   | couchi, <i>Monodaeus</i>               | S1609 |
| CORONULOIDEA                         | R48   | couchi, <i>Nyctiphanes</i>             | S1268 |
| Corophiidae                          | S604  | couchi, <i>Philoscia</i>               | S1085 |
| COROPHIOIDEA                         | S526  | <i>couchii, Aiptasia</i>               | D700  |
| Corophium                            | S605  | couchii, <i>Epizoanthus</i>            | D649  |
| corrugata, <i>Pelonaia</i>           | ZD102 | couchii, <i>Reteporella</i>            | Y524  |
| <i>corrugata, Venerupis</i>          | W2124 | <i>Couch's Goby</i>                    | ZG464 |
| corrugatum, <i>Cymatium</i>          | W519  | <i>Couch's Sea-bream</i>               | ZG362 |

|                                |       |                                  |       |
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| <i>Courser, Cream-coloured</i> | ZJ197 | cratera, Latrunculia             | C508  |
| coziana, Enteromorpha          | ZS153 | cratere, Ganymedebdella          | P1592 |
| <i>Crake, Baillon's</i>        | ZJ180 | Craterolophus                    | D5    |
| <i>Crake, Corn</i>             | ZJ167 | craticula, Callopora             | Y202  |
| <i>Crake, Little</i>           | ZJ178 | <i>craticulatus, Trophon</i>     | W678  |
| <i>Crake, Spotted</i>          | ZJ179 | <i>Cream-coloured Courser</i>    | ZJ197 |
| cranchii, Achaeus              | S1522 | crebricostata, Astarte           | W1924 |
| cranchii, Cirolana             | S845  | crecca, Anas                     | ZJ98  |
| cranchii, Ebalia               | S1505 | Crella                           | C768  |
| cranchii, Thoralus             | S1360 | Crellidae                        | C767  |
| Cranchiidae                    | W2383 | crenacoleus, Tubificoides        | P1492 |
| Crangon                        | S1383 | <i>crenata, Callisoma</i>        | S328  |
| crangon, Crangon               | S1385 | crenata, Orchomene               | S319  |
| Crangonidae                    | S1380 | crenata, Turbonilla              | W985  |
| CRANGONOIDEA                   | S1379 | <i>crenata, Turbonilla</i>       | W986  |
| <i>Crania</i>                  | X7    | crenatipalma, Unciola            | S621  |
| CRANIACEA                      | X5    | crenatus, Balanus                | R77   |
| Craniidae                      | X6    | Crenella                         | W1714 |
| CRANIIDINA                     | X4    | Crenellinae                      | W1713 |
| <i>cranium, Craniella</i>      | C311  | Crenilabrus                      | ZG393 |
| cranium, Macandrevia           | X57   | Crenobia                         | F35   |
| <i>cranium, Tethya</i>         | C311  | Crenopharynx                     | HD47  |
| <i>cranium, Tethya</i>         | C311  | crenulata, Harpinia              | S255  |
| <i>cranium, Tethya</i>         | C313  | crenulata, Hemicythere           | R2578 |
| <i>cranium, Tethya</i>         | C316  | crenulata, Pseudione             | S1023 |
| cranium, Tetilla               | C311  | <i>crenulata, Rissoa</i>         | W340  |
| Crasiella                      | HB46  | crenulatum, Halectinosoma        | R856  |
| Craspedacusta                  | D533  | crenulatus, Gymnogongrus         | ZM401 |
| <i>crassa, Alvania</i>         | W361  | <i>crenulatus, Socarnes</i>      | S332  |
| crassa, Arcopagia              | W2015 | crepidater, Centroscymnus        | ZF53  |
| <i>crassa, Chaetomorpha</i>    | ZS189 | Crepidula                        | W437  |
| crassa, Chaetomorpha           | ZS192 | Cressa                           | S185  |
| <i>crassa, Chaetomorpha</i>    | ZS192 | Cressidae                        | S184  |
| crassa, Emarginula             | W105  | <i>crested Grebe, Great</i>      | ZJ13  |
| <i>crassa, Eumenia</i>         | P1024 | <i>Crested Tern, Lesser</i>      | ZJ338 |
| <i>crassa, Limea</i>           | W1751 | Crex                             | ZJ166 |
| crassa, Manzonina              | W361  | crex, Crex                       | ZJ167 |
| crassa, Metahuntemannia        | R1612 | Cribrilaria                      | Y321  |
| <i>crassa, Notolimea</i>       | W1751 | Cribrilinea                      | Y307  |
| crassa, Polyphysia             | P1024 | Cribrulinidae                    | Y306  |
| <i>crassa, Tellina</i>         | W2015 | CRIBRILINOIDEA                   | Y305  |
| crassa, Timea                  | C434  | Cribrapontius                    | R2104 |
| crassicauda, Loxosomella       | K21   | <i>cribrosa, Collarina</i>       | Y314  |
| crassicorne, Corophium         | S611  | Cricolaimus                      | HD423 |
| crassicornis, Cerapus          | S560  | Crimora                          | W1340 |
| crassicornis, Doto             | W1273 | crinale, Gelidium                | ZM157 |
| crassicornis, Pseudameira      | R1346 | crinicornis, Gammarus            | S473  |
| crassicornis, Pseudocyclops    | R533  | crinita, Acanthochitona          | W86   |
| crassicornis, Scina            | S687  | crinita, Acinetospora            | ZR6   |
| crassicornis, Stenothoe        | S210  | <i>crinita, Enteromorpha</i>     | ZS162 |
| <i>crassicornis, Tealia</i>    | D684  | CRINOCHETA                       | S1076 |
| crassidens, Pseudorca          | ZK33  | CRINOIDEA                        | ZB1   |
| Crassimarginatella             | Y209  | Crinoniscidae                    | S962  |
| crassior, Lacuna               | W287  | Crinoniscus                      | S963  |
| crassipes, Paraphronima        | S725  | Crinophtheiros                   | W600  |
| crassipes, Processa edulis     | S1364 | Crisia                           | Y13   |
| crassipinnatum, Cytheropteron  | R2526 | Crisidia                         | Y8    |
| crassiremis, Pseudocyclops     | R152  | Crisiella                        | Y11   |
| Crassostrea                    | W1760 | Crisiidae                        | Y4    |
| Crassostreinae                 | W1759 | Crisilla                         | W347  |
| crassum, Anthosoma             | R2265 | crispa, Corynophlaea             | ZR241 |
| crassum, Laeviscardium         | W1959 | crispa, Phyllophora              | ZM407 |
| crassus, Eucalanus             | R394  | crispa, Prasiola                 | ZS27  |
| crassus, Oerstedtia            | G108  | crispata, Anatomia               | W94   |
| crassus, Paradrepanophorus     | G141  | <i>crispata, Callistocythere</i> | R2593 |
| Cratenemertidae                | G96   | crispata, Punctaria              | ZR177 |



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|---|-------|--|-------|
| <i>crispata</i> , <i>Scissurella</i>              | W94   | <i>Cryptopodus</i>                         | R762  |
| <i>crispata</i> , <i>Zirfaea</i>                  | W2185 | <i>Cryptopontius</i>                       | R2106 |
| <i>crispum</i> , <i>Pterothamnion</i>             | ZM553 | <i>Cryptopora</i>                          | X13   |
| <i>crispus</i> , <i>Chondrus</i>                  | ZM345 | <i>Cryptoporidae</i>                       | X12   |
| <i>cristata</i> , <i>Ancula</i>                   | W1315 | <i>cryptopyge</i> , <i>Notodelphys</i>     | R709  |
| <i>cristata</i> , <i>Antiopella</i>               | W1407 | <i>cryptospina</i> , <i>Pseudochirella</i> | R479  |
| <i>cristata</i> , <i>Callophyllis</i>             | ZM369 | <i>Cryptosula</i>                          | Y410  |
| <i>cristata</i> , <i>Cystophora</i>               | ZK19  | <i>Cryptosulidae</i>                       | Y409  |
| <i>cristata</i> , <i>Melinna</i>                  | P1121 | <i>Crystal Goby</i>                        | ZG461 |
| <i>cristata</i> , <i>Omphalopoma</i>              | P1352 | <i>crystallina</i> , <i>Smittina</i>       | Y458  |
| <i>cristata</i> , <i>Pista</i>                    | P1217 | <i>crystallinus</i> , <i>Chaetogaster</i>  | P1409 |
| <i>cristata</i> , <i>Schizomavella</i>            | Y469  | <i>Crystallogobius</i>                     | ZG460 |
| <i>cristata</i> , <i>Vauntomponia</i>             | S1191 | <i>Ctena</i>                               | W1820 |
| <i>cristatus</i> , <i>Janolus</i>                 | W1407 | <i>Ctenocalanus</i>                        | R418  |
| <i>cristatus</i> , <i>Onchocalanus</i>            | R550  | <i>Ctenocladaceae</i>                      | ZS254 |
| <i>cristatus</i> , <i>Podiceps</i>                | ZJ13  | CTENOCLADALES                              | ZS253 |
| <i>cristulata echinata</i> , <i>Trachyscorpia</i> | ZG259 | CTENODRILIDA                               | P848  |
| <i>cristulata</i> , <i>Trachyscorpia</i>          | ZG259 | <i>Ctenodrilidae</i>                       | P849  |
| <i>Critomolgus</i>                                | R1798 | <i>Ctenodrilinae</i>                       | P850  |
| <i>crocea</i> , <i>Tubularia</i>                  | D165  | <i>Ctenodrilus</i>                         | P851  |
| <i>Croconema</i>                                  | HD341 | <i>Ctenolabrus</i>                         | ZG396 |
| <i>croni</i> , <i>Parathalestris</i>              | R1069 | CTENOPHORA                                 | E1    |
| <i>Crossaster</i>                                 | ZB74  | <i>ctenopus</i> , <i>Halacarus</i>         | Q114  |
| <i>Crossophorus</i>                               | R2415 | <i>Ctenosiphonia</i>                       | ZM634 |
| <i>Crossota</i>                                   | D571  | <i>ctenostoma</i> , <i>Odontosyllis</i>    | P386  |
| <i>crossotus</i> , <i>Falcidens</i>               | W11   | CTENOSTOMATIDA                             | Y70   |
| <i>Crouania</i>                                   | ZM530 | <i>cuanensis</i> , <i>Comesa</i>           | HD272 |
| <i>crouanii</i> , <i>Dematolithon</i>             | ZM225 | <i>cuanensis</i> , <i>Lichomolgides</i>    | R1842 |
| <i>crouanii</i> , <i>Hildenbrandia</i>            | ZM191 | <i>cuanensis</i> , <i>Molgolaimus</i>      | HD411 |
| <i>crouanii</i> , <i>Lithophyllum</i>             | ZM225 | <i>cuanensis</i> , <i>Pagurus</i>          | S1460 |
| <i>croulinensis</i> , <i>Axinulus</i>             | W1845 | <i>cuanensis</i> , <i>Paraturbanella</i>   | HB98  |
| <i>croulinensis</i> , <i>Axinus</i>               | W1840 | <i>Cubiceps</i>                            | ZG536 |
| <i>croulinensis</i> , <i>Thyasira</i>             | W1840 | <i>Cuckoo Ray</i>                          | ZF95  |
| <i>croulinensis</i> , <i>Thyasira</i>             | W1845 | <i>Cuckoo Wrasse</i>                       | ZG400 |
| <i>cruciatum</i> , <i>Antithamnion</i>            | ZM490 | <i>cucullata</i> , <i>Dichromadora</i>     | HD228 |
| <i>cruciatum</i> , <i>Hydrolithon</i>             | ZM213 | <i>cucullata</i> , <i>Typosyllis</i>       | P367  |
| <i>cruciatum</i> , <i>Tetrastemma</i>             | G124  | <i>cucullatus</i> , <i>Centraugaptilus</i> | R165  |
| <i>Crucibranchaea</i>                             | W1209 | <i>cucullatus</i> , <i>Mergus</i>          | ZJ144 |
| <i>cruciformis</i> , <i>Keratella</i>             | HA24  | <i>cuculus</i> , <i>Aspitrigla</i>         | ZG262 |
| <i>cruenta</i> , <i>Leptosynapta</i>              | ZB293 | <i>Cucumaria</i>                           | ZB267 |
| <i>cruenta</i> , <i>Petrocelis</i>                | ZM405 | <i>Cucumariidae</i>                        | ZB266 |
| <i>cruenta</i> , <i>Stomachetosella</i>           | Y446  | <i>cucumis</i> , <i>Beroe</i>              | E15   |
| <i>cruentatus</i> , <i>Gobius</i>                 | ZG465 | <i>cuenoti</i> , <i>lphitime</i>           | P610  |
| <i>Cruoria</i>                                    | ZM313 | <i>cuenoti</i> , <i>Loxosomella</i>        | K17   |
| <i>Cruoriaceae</i>                                | ZM312 | <i>cultrifer</i> , <i>Mimocalanus</i>      | R402  |
| <i>cruoriaeformis</i> , <i>Cruoria</i>            | ZM314 | <i>cultrifera</i> , <i>Perinereis</i>      | P480  |
| <i>Cruoriopsis</i>                                | ZM349 | <i>cultripes</i> , <i>Vibilia</i>          | S709  |
| <i>crusculum</i> , <i>Brachyscelus</i>            | S770  | CUMACEA                                    | S1183 |
| CRUSTACEA   | R1    | <i>Cumanotidae</i>                         | W1453 |
| <i>crustacea</i> , <i>Vosmaeria</i>               | C116  | <i>Cumanotus</i>                           | W1454 |
| <i>crustula</i> , <i>Suberites</i>                | C361  | <i>cumbraensis</i> , <i>Gonionchus</i>     | HD546 |
| <i>crustulenta</i> , <i>Electra</i>               | Y176  | <i>cumbrensis</i> , <i>Microjassa</i>      | S574  |
| <i>crux</i> , <i>Hymedesmia</i>                   | C927  | <i>cumbrensis</i> , <i>Podocerus</i>       | S574  |
| <i>cruxmelitensis</i> , <i>Lucernariopsis</i>     | D18   | <i>Cumella</i>                             | S1223 |
| <i>Crybelocephalus</i>                            | S283  | <i>Cumopsis</i>                            | S1186 |
| <i>cryptarthrodia</i> , <i>Amphiroa</i>           | ZM196 | <i>cuneata</i> , <i>Argyrotheca</i>        | X36   |
| <i>Cryptocelidae</i>                              | F75   | <i>cuneatus</i> , <i>Spirorbis</i>         | P1393 |
| <i>Cryptocelides</i>                              | F70   | <i>cuneiformis</i> , <i>Paracytheridea</i> | R2498 |
| <i>Cryptocelis</i>                                | F76   | <i>Cuneocythere</i>                        | R2520 |
| <i>Cryptocheles</i>                               | S1340 | <i>Cuneocytheridae</i>                     | R2519 |
| CRYPTODIRA  | ZI3   | <i>Cuneus</i>                              | W2040 |
| <i>Cryptonatica</i>                               | W484  | <i>cuniculus</i> , <i>Amphitholina</i>     | S529  |
| <i>Cryptonemia</i>                                | ZM283 | <i>Cuninidae</i>                           | D539  |
| <i>cryptooecium</i> , <i>Cribrilina</i>           | Y309  | <i>cup-coral</i> , <i>Devonshire</i>       | D783  |
| <i>Cryptopleura</i>                               | ZM591 | <i>cupressina</i> , <i>Sertularia</i>      | D434  |
| <i>Cryptopodus</i>                                | R762  | <i>cupressina</i> , <i>Sertularia</i>      | D435  |

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| cupressoides, Bryopsis          | ZS229 | CYAMIDA                       | S660  |
| cupuliferum, Diplosoma          | ZD61  | Cyamidae                      | S661  |
| cupuliferum, Lissoclinum        | ZD61  | Cyamus                        | S662  |
| Curlew                          | ZJ267 | Cyanea                        | D43   |
| Curlew Sandpiper                | ZJ236 | Cyaneidae                     | D42   |
| Curlew, Eskimo                  | ZJ268 | cyaneum, Buccinum             | W708  |
| Curlew, Eurasian                | ZJ267 | Cyartonema                    | HD457 |
| Curlew, Little                  | ZJ269 | cyathiforme, Depastrum        | D8    |
| Curlew, Stone                   | ZJ194 | Cyatholaimidae                | HD284 |
| cursor, Cursorius               | ZJ197 | Cyatholaimus                  | HD295 |
| cursoria, Manayunkia            | P1295 | Cyathura                      | S804  |
| Cursorius                       | ZJ196 | cycladea, Kellia              | W1874 |
| curta, Bathycrinicola           | W606  | cycladia, Thyasira            | W1874 |
| curta, Facelina                 | W1470 | cycladinus, Axinulus          | W1874 |
| curta, Lucicutia                | R257  | cycladius, Axinulus           | W1874 |
| curticauda, Amalothrix          | R576  | CYCLIOPHORA                   | YA1   |
| curticauda, Enhydrosoma         | R1573 | Cyclocanna                    | D318  |
| curticauda, Euchirella          | R456  | Cyclopecten                   | W1795 |
| curticaudatus, Heteropsyllus    | R1464 | Cyclopetta                    | R632  |
| curticaudatus, Paronychocamptus | R1734 | Cyclopidae                    | R663  |
| curticorne, Halectinosoma       | R857  | Cyclopidina                   | R634  |
| curtiramus, Zygomolgus          | R1858 | Cyclopina                     | R636  |
| curtum, Pedinosoma              | P225  | Cyclopinella                  | R645  |
| curtus, Baseodiscus             | G75   | Cyclopinidae                  | R631  |
| curtus, Caligus                 | R2213 | Cyclopinodes                  | R648  |
| curtus, Scaphocalanus           | R595  | Cyclopinoides                 | R650  |
| curva, Balcis                   | W666  | CYCLOPOIDA                    | R617  |
| curva, Eulima                   | W666  | cyclopoidea, Tachidiopsis     | R1019 |
| curva, Vitreolina               | W666  | Cycloporus                    | F108  |
| curvata, Rhizothrix             | R1623 | Cyclops                       | R664  |
| curvata, Strepsithalia          | ZR236 | Cyclopteridae                 | ZG292 |
| curvata, Synchaeta              | HA80  | cyclopterina, Haemobaphes     | R2303 |
| curvata, Ulva                   | ZS176 | Cyclopterus                   | ZG293 |
| curvata, Uronema                | ZS138 | CYCLORHAGAE                   | HC3   |
| curvatus, Paramonohystera       | HD543 | CYCLORHAGIDA                  | HC2   |
| curvatus, Peltogaster           | R101  | Cyclorhiza                    | R2177 |
| curvicauda, Leptopontia         | R1549 | Cyclosalpa                    | ZD188 |
| curvichela, Hymedesmia          | C928  | Cyclosalpinx                  | ZD185 |
| curvicornis, Gaetanus           | R464  | CYCLOSTOMATIDA                | Y3    |
| curvirostre, Enhydrosoma        | R1574 | CYDIPPIDA                     | E3    |
| curvirostris, Parelisina        | Y220  | cydonium, Geodia              | C225  |
| Cushmanideidae                  | R2499 | Cygnus                        | ZJ131 |
| Cuspidaria                      | W2277 | cygnus, Cygnus                | ZJ133 |
| CUSPIDARIAEA                    | W2275 | Cylichna                      | W1025 |
| Cuspidariidae                   | W2276 | Cylichnidae                   | W1024 |
| cuspidata, Clio                 | W1186 | Cylichnina                    | W1082 |
| cuspidata, Cuspidaria           | W2280 | Cyicolaimus                   | HD68  |
| cuspidata, Doto                 | W1274 | cylindracea, Conilera         | S849  |
| cuspidata, Schizomavella        | Y470  | cylindracea, Cylichna         | W1028 |
| Cuspidella                      | D328  | cylindraceus, Hemicyclops     | R1921 |
| cuspietosus, Tubificoides       | P1493 | cylindrata, Collettea         | S1121 |
| cutacea, Cabestana              | W517  | cylindrata, Golfingia         | N14   |
| cutaceum, Cymatium              | W517  | cylindratocaudatum, Nemanema  | HD98  |
| Cuthona                         | W1431 | cylindratus, Botachus         | R688  |
| Cutleria                        | ZR268 | cylindrica, Argilloecia       | R2701 |
| Cutleriaceae                    | ZR267 | cylindrica, Peachia           | D755  |
| CUTLERIALES                     | ZR266 | cylindricauda, Lumbriclymene  | P941  |
| cutleriana, Dikoleps            | W203  | cylindricaudata, Ophelina     | P1015 |
| cutleriana, Skenea              | W203  | cylindricaudatus, Ammotrypane | P1015 |
| cuvieri, Paromola               | S1499 | Cylindriturbonilla            | W972  |
| cuvieri, Tetragnonurus          | ZG541 | Cylindrocarpus                | ZR242 |
| cuvieri, Aricia                 | P665  | Cylindroleberididae           | R2424 |
| Cuvierina                       | W1191 | Cylindroleberis               | R2425 |
| Cuvierininae                    | W1190 | Cylindroporella               | Y450  |
| Cuvier's Beaked Whale           | ZK59  | Cylindropsyllidae             | R1525 |
| CYAMIACEA                       | W1913 | Cylindropsyllinae             | R1526 |

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| Cylindropsyllus             | R1529        | dactylopterus, Helicolenus      | ZG251        |
| Cymatiinae                  | W514         | Dactylopusia                    | R1090        |
| Cymatium                    | W515         | Dactylopusiinae                 | R1087        |
| cymbiformis, Rosacea        | D86          | Dactylopusioides                | R1097        |
| Cymbulia                    | W1202        | dactylus, Pholas                | W2178        |
| Cymbuliidae                 | W1200        | Dagda                           | HD425        |
| Cymbuliinae                 | W1201        | <i>Dahlia anemone</i>           | <i>D684</i>  |
| Cymodoce                    | S860         | Dairella                        | S743         |
| Cymonomidae                 | S1493        | Dairellidae                     | S742         |
| Cymonomus                   | S1494        | <i>Daisy anemone</i>            | <i>D717</i>  |
| Cymothoidae                 | S823         | Dajidae                         | S975         |
| Cynoglossidae               | ZG592        | Dalantias                       | ZF54         |
| Cynoglossus                 | ZG593        | Dalhousiella                    | P295         |
| cynoglossus, Glyptocephalus | ZG566        | <i>dalli, Colus</i>             | <i>W734</i>  |
| cynomorium, Veretillum      | D626         | <i>dalli, Siphon</i>            | <i>W734</i>  |
| cynthiae, Lichomolgium      | R1844        | dalli, Turrisiphon              | W734         |
| Cyphocaris                  | S285         | Dallina                         | X49          |
| CYPRAEACEA                  | W449         | Dallinidae                      | X48          |
| Cyprideis                   | R2510        | dalliniformis, Fallax           | X52          |
| Cyprididae                  | R2689        | dalmanni, Charopinus            | R2333        |
| Cypridinidae                | R2414        | dalmatica, Cladophora           | ZS200        |
| CYPRIDOIDEA                 | R2688        | dalmatina, Ampelisca            | S428         |
| Cypridopsis                 | R2691        | dalyelli, Neomenia              | W31          |
| Cyproideidae                | S171         | damicornis, Axinella            | C539         |
| Cyrtodaria                  | W2167        | damicornis, Notoplites          | Y270         |
| Cyrtoturbonilla             | W974         | damnoniensis, Arcturella        | S950         |
| Cystisoma                   | S717         | damnoniensis, Microdeutopus     | S595         |
| Cystisomatidae              | S716         | damnoniensis, Peltocoxa         | S174         |
| Cystocloniaceae             | ZM317        | damnoniensis, Rocinela          | S821         |
| Cystoclonium                | ZM321        | danae, Scolecithrix             | R609         |
| CYSTONECTA                  | D60          | Danalia                         | S971         |
| Cystophora                  | ZK18         | danica, Cruoriopsis             | ZM350        |
| Cystoseira                  | ZR364        | danica, Sphaeronella            | R2154        |
| Cystoseiraceae              | ZR361        | <i>danicus, Isozoanthus</i>     | <i>D658</i>  |
| cystoseirae, Titanoderma    | ZM275        | <i>danielsenii, Cerithiella</i> | <i>W277</i>  |
| Cytharella                  | W803         | danielsseni, Myriochele         | P1095        |
| Cythere                     | R2503        | Danielssenia                    | R1588        |
| Cythereis                   | R2570        | <i>danielssenia, Ambasia</i>    | <i>S277</i>  |
| Cytherella                  | R2455        | Danilia                         | W145         |
| Cytherellidae               | R2454        | danversae, Laophonte            | R1703        |
| Cytheridae                  | R2502        | Daphnellinae                    | W826         |
| Cytherideidae               | R2509        | daphnoides, Conchoecia          | R2444        |
| CYTHEROIDEA                 | R2472        | Daptonema                       | HD508        |
| Cytherois                   | R2637        | <i>Daptonema</i>                | <i>HD542</i> |
| <i>Cytherois</i>            | <i>R2641</i> | Darcythompsonia                 | R928         |
| Cytheropteron               | R2523        | Darcythompsoniidae              | R927         |
| Cytherura                   | R2537        | <i>Darkie Charlie</i>           | <i>ZF55</i>  |
| Cytheruridae                | R2522        | Darwinellidae                   | C1646        |
|                             |              | Dasya                           | ZM574        |
| <b>D</b>                    |              | Dasyaceae                       | ZM573        |
| <b>Dab</b>                  | <b>ZG572</b> | Dasyatididae                    | ZF101        |
| <i>Dab, Long Rough</i>      | <i>ZG568</i> | Dasyatis                        | ZF102        |
| Dacrydiinae                 | W1709        | Dasybranchus                    | P913         |
| Dacrydium                   | W1710        | Dasychone                       | P1263        |
| Dactylobiotus               | V27          | Dasynemoides                    | HD469        |
| DACTYLOCHIROTIDA            | ZB245        | dasyphylla, Chondria            | ZM632        |
| Dactylopodamphiascopsis     | R1180        | dautzenbergi, Vitreolina        | W667         |
| Dactylopodella              | R1115        | davidsoni, Platidia             | X44          |
| Dactylopodia                | R1090        | daviesii, Audouinella           | ZM85         |
| <i>Dactylopodia</i>         | <i>R1090</i> | <i>dawsoni, Altenaeum</i>       | <i>W1907</i> |
| Dactylopodola               | HB4          | <i>dawsoni, Montacuta</i>       | <i>W1907</i> |
| Dactylopodolidae            | HB3          | dawsoni, Mysella                | W1907        |
| Dactylopodopsis             | R1088        | dayi, Glycera                   | P258         |
| Dactylopteridae             | ZG299        | <i>Dead men's fingers</i>       | <i>D597</i>  |
| DACTYLOPTERIFORMES          | ZG298        | <i>dead men's fingers, Red</i>  | <i>D598</i>  |
| Dactylopterus               | ZG300        | <i>Deal-fish</i>                | <i>ZG222</i> |

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| Deania   | ZF56         | demani, Molgolaimus                   | HD412        |
| debile, Chrysopetalum                              | P8           | <i>democratica</i> , <i>Salpa</i>     | ZD197        |
| debile, Pomponema                                  | HD287        | <i>democratica</i> , <i>Thalia</i>    | ZD197        |
| debilis, Amphiascoides                             | R1151        | Demoleus                              | R2240        |
| <i>debilis</i> , <i>Amphiascoides</i>              | <i>R1153</i> | Demonax                               | P1271        |
| <i>debilis</i> , <i>Diaphana</i>                   | <i>W1059</i> | demonstrans, Endectyon                | C1283        |
| debilis, Leptocletodes                             | R1653        | DEMOSPONGIAE                          | C152         |
| <i>debilis</i> , <i>Palmyra</i>                    | <i>P8</i>    | <i>dendritica</i> , <i>Hermaea</i>    | <i>W1124</i> |
| debilis, Systellaspis                              | S1300        | dendritica, Placida                   | W1124        |
| decadactylus, Beryx                                | ZG198        | Dendrobeania                          | Y251         |
| DECAPODA   | S1276        | DENDROBRANCHIATA                      | S1277        |
| decaria, Leptosynapta                              | ZB294        | DENDROCERATIDA                        | C1645        |
| <i>decempapillatus</i> , <i>Pseudonchus</i>        | <i>HD372</i> | DENDROCHIROTIDA                       | ZB249        |
| <i>decipiens</i> , <i>Campanularia</i>             | <i>D516</i>  | Dendrocoelidae                        | F37          |
| <i>decipiens</i> , Celleporina                     | Y497         | Dendrocoelum                          | F38          |
| <i>decipiens</i> , <i>Halichaetonotus</i>          | <i>HB152</i> | Dendrodasys                           | HB9          |
| <i>decipiens</i> , Sagitta                         | L11          | Dendrodoa                             | ZD119        |
| <i>decipiens</i> , <i>Syncoryne</i>                | <i>D189</i>  | dendroides, Phaeophila                | ZS76         |
| Decipula   | W1895        | DENDRONOTACEA                         | W1244        |
| declivis, Eucythere                                | R2563        | Dendronotidae                         | W1265        |
| declivis, Petalosarsia                             | S1233        | Dendronotus                           | W1266        |
| decompositum, Compothamnion                        | ZM527        | Dendrophyllia                         | D800         |
| deconincki, Pseudonchus                            | HD372        | Dendrophylliidae                      | D796         |
| <i>decorata</i> , <i>Sagartia troglodytes</i> var. | <i>D715</i>  | dendyi, Stylostichon                  | C1002        |
| <i>decorata</i> , Spio                             | P789         | densa, Audouinella                    | ZM86         |
| decortdatum, Codium                                | ZS247        | densa, Leblondiella                   | ZR149        |
| decussata, Chrysallida                             | W933         | densa, Sarsia                         | D181         |
| decussata, Codakia                                 | W1821        | densum, Antithamnion                  | ZM491        |
| decussata, Crenella                                | W1715        | <i>densum</i> , <i>Aplidium</i>       | ZD25         |
| <i>decussata</i> , <i>Ctena</i>                    | <i>W1821</i> | densum, Aplidium                      | ZD35         |
| <i>decussata</i> , <i>Venerupis</i>                | <i>W2115</i> | DENTALIIDA                            | W1514        |
| decussatus, Tapes                                  | W2115        | Dentaliidae                           | W1515        |
| <i>Deep-sea Angler</i>                             | ZG97         | dentata, Gnathia                      | S794         |
| <i>Deep-snouted Pipefish</i>                       | ZG247        | dentata, Melita                       | S523         |
| <i>Deepwater Sole</i>                              | ZG583        | dentata, Odonthalia                   | ZM649        |
| <i>defectum</i> , <i>Antithamnion</i>              | ZM491        | dentata, Scolecithricella             | R603         |
| deflexa, Entalophoroecia                           | Y54          | <i>dentata</i> , <i>Spilophorella</i> | <i>HD237</i> |
| deflexa, Macropodia                                | S1530        | dentatum, Ectinosoma                  | R837         |
| defodiens, Arenicola                               | P930         | dentatum, Lithophyllum                | ZM226        |
| deformans, Strebлонema                             | ZR70         | dentatus, Apletodon                   | ZG84         |
| deformis, Eudorellopsis                            | S1210        | dentatus, Copidognathus               | Q96          |
| dekhuyzeni, Streblospio                            | P798         | dentatus, Pycnophyes                  | HC27         |
| delagei, Chthamalophilus                           | R131         | Dentex                                | ZG351        |
| delagei, Diphasia                                  | D416         | <i>Dentex</i>                         | ZG352        |
| <i>delagei</i> , <i>Golfingia</i>                  | <i>N14</i>   | dentex, Dentex                        | ZG352        |
| delagei, Mesoglicola                               | R2057        | <i>Dentex</i> , <i>Morocco</i>        | ZG353        |
| delaisi, Tripterygion                              | ZG422        | <i>dentex</i> , <i>Podocerus</i>      | S569         |
| delapiae, Edwardsia                                | D767         | denticarpus, Autonoe                  | S582         |
| delaubenfelsi, Endectyon                           | C1282        | denticornis, Laophonte                | R1704        |
| Delavalia  | R1261        | denticulata, Amphiuira                | ZB153        |
| delawarensis, Larus                                | ZJ306        | denticulata, Crisia                   | Y16          |
| Delesseria   | ZM593        | denticulata, Heterolaophonte          | R1685        |
| Delesseriaceae                                     | ZM582        | denticulata, Philine                  | W1051        |
| delesseriae, Trididemnum                           | ZD46         | denticulata, Pirimela                 | S1562        |
| delicata, Turbonilla                               | W981         | denticulatum, Halectinosoma           | R858         |
| delicatula, Rhodymenia                             | ZM465        | denticulatus, Anarhichas              | ZG417        |
| <i>delicatula</i> , <i>Rhodymenia</i>              | <i>ZM467</i> | <i>denticulatus</i> , <i>Anonyx</i>   | S296         |
| <i>delicatum</i> , <i>Trachysma</i>                | <i>W207</i>  | denticulatus, Bulbamphiascus          | R1178        |
| delineatus, Baseodiscus                            | G75          | denticulatus, Enoplolaimus            | HD20         |
| <i>delineatus</i> , <i>Baseodiscus</i>             | <i>G75</i>   | denticulatus, Hippomedon              | S296         |
| Delphinapterus                                     | ZK44         | denticulatus, Polycirrus              | P1239        |
| Delphinidae  | ZK22         | denticulatus, Pycnophyes              | HC28         |
| delphinii, Isocyamus                               | S670         | denticulatus, Theristus               | HD525        |
| Delphinus  | ZK25         | <i>dentipalma</i> , <i>Listriella</i> | S399         |
| delphis, Delphinus                                 | ZK26         | denudata, Polysiphonia                | ZM659        |
| deltaura, Upogebia                                 | S1419        | Depastrum                             | D7           |

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| depilans, Aplysia                  | W1147 | Dexaminidae                      | S408  |
| depressa, Alteutha                 | R1036 | DEXAMINOIDEA                     | S407  |
| depressa, <i>Corambella</i>        | W1296 | Dexiospira                       | P1373 |
| depressa, Gari                     | W2046 | Diacria                          | W1181 |
| depressa, Laophonte                | R1705 | Diacyclops                       | R667  |
| depressa, Limapontia               | W1136 | diadema, Ampelisca               | S429  |
| depressa, Onchidoris               | W1323 | diadema, Coronula                | R51   |
| depressa, Patella                  | W229  | <i>diadema, Tetrastemma</i>      | G123  |
| <i>depressa, Styela</i>            | ZD117 | diademata, Robertsonia           | R1245 |
| depressa, Xestoleberis             | R2683 | Diadumene                        | D704  |
| depressum, Cytheropteron           | R2527 | Diadumenidae                     | D703  |
| <i>depressum, Cytheropteron</i>    | R2536 | Diagoniceps                      | R1437 |
| <i>depressus, Chondracanthus</i>   | R2018 | Diaixidae                        | R520  |
| depurator, Liocarcinus             | S1580 | Diaixis                          | R521  |
| Derbesia                           | ZS233 | <i>dianthus, Actinia</i>         | D710  |
| <i>Derbio</i>                      | ZG336 | <i>dianthus, Eupomatus</i>       | P1331 |
| Dercitus                           | C243  | dianthus, Hydroides              | P1331 |
| <i>derelecta, Doridigitata</i>     | W1373 | Diaphana                         | W1054 |
| <i>derelecta, Cythara rugulosa</i> | W805  | <i>diaphana, Antenella</i>       | D450  |
| <i>derelecta, Mangelia</i>         | W805  | <i>diaphana, Evalea</i>          | W959  |
| <i>derjugini, Golfingia</i>        | N14   | diaphana, Ondina                 | W959  |
| dermatocolax, Chlorochytrium       | ZS9   | diaphana, Rissoella              | W891  |
| Dermatomyzon                       | R2087 | diaphana, Sternoptyx             | ZG73  |
| Dermochelyidae                     | ZI13  | DIAPHANACEA                      | W1052 |
| Dermochelys                        | ZI14  | diaphanes corrugatum, Nephasoma  | N23   |
| Dermocorynus                       | ZM287 | diaphanes diaphanes, Nephasoma   | N22   |
| <i>deshayesii, Orchestia</i>       | S243  | diaphanes, Nephasoma diaphanes   | N22   |
| <i>deshayesii, Orchestoidea</i>    | S243  | Diaphanidae                      | W1053 |
| deshayesii, Talorchestia           | S243  | diaphanum, Aglaothamnion         | ZM476 |
| deshaysi, Astacilla                | S953  | diaphanum, Alcyonidium           | Y76   |
| deslongchampii, Ceramium           | ZM514 | diaphanum, Ceramium              | ZM515 |
| Desmacella                         | C877  | diaphanus, Caligus               | R2214 |
| Desmacellidae                      | C870  | diaphanus, Chaetogaster          | P1410 |
| Desmacididae                       | C788  | diaphanus, Thliptodon            | W1236 |
| Desmacidon                         | C802  | Diaphorodoris                    | W1329 |
| desmaresti, Atyaephyra             | S1303 | Diarthrodella                    | R1431 |
| desmaresti, Meiosquilla            | S18   | Diarthrodellinae                 | R1430 |
| Desmarestia                        | ZR333 | Diarthrodes                      | R1099 |
| Desmarestiaceae                    | ZR332 | Diastoporidae                    | Y37   |
| desmarestiae, Herponema            | ZR32  | diastoporides, Oncousoecia       | Y24   |
| DESMARESTIALES                     | ZR328 | Diastylidae                      | S1244 |
| Desmodasys                         | HB92  | Diastylis                        | S1247 |
| Desmodora                          | HD341 | Diastylodes                      | S1256 |
| <i>Desmodora</i>                   | HD341 | diazi, Tubificoides              | P1494 |
| <i>Desmodorella</i>                | HD341 | Diazona                          | ZD73  |
| Desmodoridae                       | HD340 | diazonae, Lichomolgus            | R1848 |
| Desmolaimus                        | HD567 | Diazonidae                       | ZD72  |
| Desmoscolecidae                    | HD480 | Dicata                           | W1480 |
| DESMOSCOLECINA                     | HD476 | dicentra, Colurella              | HA17  |
| Desmoscolex                        | HD481 | Dicentrarchus                    | ZG311 |
| Desmosoma                          | S921  | Dichelesthiidae                  | R2263 |
| Desmosomatidae                     | S920  | Dichelesthium                    | R2266 |
| Desmotrichum                       | ZR181 | Dichelopandalus                  | S1371 |
| Desmoxyidae                        | C599  | Dichosporangium                  | ZR13  |
| detruncata, Megathiris             | X40   | dichotoma, Antho                 | C1110 |
| <i>devians, Balcis</i>             | W669  | dichotoma, Buskea                | Y510  |
| <i>Devil Ray</i>                   | ZF109 | <i>dichotoma, Dictyoclathria</i> | C1110 |
| Devonia                            | W1897 | dichotoma, Dictyota              | ZR313 |
| devoniensis, Ahnfeltiopsis         | ZM393 | dichotoma, Eleutheria            | D202  |
| devoniensis, Griffithsia           | ZM534 | dichotoma, Grateloupia           | ZM290 |
| <i>devoniensis, Gymnogongrus</i>   | ZM393 | dichotoma, Obelia                | D519  |
| <i>devoniensis, Gymnogongrus</i>   | ZM403 | dichotomus, Fucus                | ZR379 |
| devoniensis, Polysiphonia          | ZM660 | Dichromadora                     | HD226 |
| <i>Devonshire cup-coral</i>        | D783  | Dicoryne                         | D261  |
| devosae, Sphaeronella              | R2155 | Dicraniphoridae                  | HA50  |
| Dexamine                           | S102  | dictyophora, Robertgurneya       | R1233 |

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| DICTYOCERATIDA                           | C1530 | diogeni, Urocryptella                     | S1030 |
| Dictyopteris                             | ZR310 | Diogenidae                                | S1440 |
| Dictyosiphon                             | ZR140 | dioica, Oikopleura                        | ZD164 |
| Dictyosiphonaceae                        | ZR139 | dioica, Sabussowia                        | F12   |
| DICTYOSIPHONALES                         | ZR135 | Diomedea                                  | ZJ22  |
| Dictyota                                 | ZR312 | diomedea, Calonectris                     | ZJ28  |
| Dictyotaceae                             | ZR309 | Diomedeidae                               | ZJ21  |
| DICTYOTALES                              | ZR308 | Dioplosyllis                              | P376  |
| Dicyema                                  | B4    | Diosaccidae                               | R1144 |
| Dicyemenea                               | B9    | Diosaccus                                 | R1182 |
| DICYEMIDA                                | B2    | Diphasia                                  | D413  |
| Dicyemidae                               | B3    | Diphyidae                                 | D101  |
| didelphys, Mysidopsis                    | S66   | Diphyinae                                 | D106  |
| didemni, Zygomolgus                      | R1859 | Diplaconotum                              | P40   |
| Didemnidae                               | ZD41  | diplechma, Mesacanthion                   | HD32  |
| Didemnopsis                              | ZD42  | Diplecogaster                             | ZG85  |
| Didemnum                                 | ZD48  | Dipleurosoma                              | D309  |
| diegensis, Phialopsis                    | D375  | Dipleurosomatidae                         | D308  |
| difficile, Sigmatidium                   | R920  | DIPLEUROSOMATOIDEA                        | D307  |
| difficilis, Cyclopetta                   | R633  | Diplobranchia                             | M18   |
| difficilis, Halichondria                 | C640  | DIPLOCHETA                                | S1052 |
| <i>difficilis</i> , <i>Spongosorites</i> | C640  | Diplocirrus                               | P877  |
| <i>difficilis</i> , <i>Topsentia</i>     | C640  | Diplodasyinae                             | HB51  |
| <i>difforme</i> , <i>Codium</i>          | ZS248 | Diplodasys                                | HB55  |
| difformis, Ericthonius                   | S562  | Diplodonta                                | W1862 |
| difformis, Leathesia                     | ZR245 | Diplolaimella                             | HD492 |
| digitale var. rosea, Aglantha            | D575  | Diplolaimelloides                         | HD494 |
| digitale, Aglantha                       | D574  | Diplopeltidae                             | HD611 |
| Digitaria                                | W1926 | Diplopeltis                               | HD620 |
| digitaria, Digitaria                     | W1927 | Diplopeltula                              | HD622 |
| digitata, Hormathia                      | D732  | Diplosolen                                | Y43   |
| digitata, Hymedesmia                     | C929  | Diplosoma                                 | ZD58  |
| digitata, Labidoplax                     | ZB300 | diplura, Crasiella                        | HB47  |
| digitata, Laminaria                      | ZR350 | Diporula                                  | Y484  |
| digitata, Pseudaxinyssa                  | C674  | Dipurena                                  | D176  |
| digitata, Ulosa                          | C753  | directa, Puellina                         | Y319  |
| <i>digitatum</i> , <i>Alcyonium</i>      | D596  | <i>directus</i> , <i>Ensis</i>            | W1997 |
| digitatum, Alcyonium                     | D597  | Diretmidae                                | ZG200 |
| digitatus, Euaugaptilus                  | R173  | Diretmus                                  | ZG201 |
| digitifera, Crella                       | C770  | discaudata, Acartia                       | R343  |
| <i>digitifera</i> , <i>Turbanella</i>    | HB106 | discifera, Sabella                        | P1318 |
| Dikoleps                                 | W202  | <i>disciformis</i> , <i>Ralfsia</i>       | ZR196 |
| Dilabifilum                              | ZS255 | discipes, Tachidius                       | R949  |
| dilatans, Oncousoecia                    | Y25   | Discocelides                              | F73   |
| dilatata, Arcturella                     | S951  | Discodorididae                            | W1379 |
| dilatata, Bradya                         | R834  | Discodoris                                | W1380 |
| dilatata, Dactylopodopsis                | R1089 | <i>discoidea</i> , <i>Lucemaria</i>       | D17   |
| dilatata, Idyanthe                       | R1010 | discoidea, Schizomavella                  | Y471  |
| dilatata, Nolella                        | Y92   | discopoda, Loxosomella                    | K22   |
| dilatata, Pseudolubbockia                | R1898 | discors, Anas                             | ZJ99  |
| <i>dilatata</i> , <i>Tisbe</i>           | R986  | discors, Musculus                         | W1721 |
| dilitata, Euchlanis                      | HA19  | <i>discrepans</i> , <i>Acanthochitona</i> | W86   |
| dilitatum, Halochlorococcum              | ZS15  | discreta, Callopora                       | Y203  |
| <i>Dilophus</i>                          | ZR312 | disjuncta, Geomonhystera                  | HD501 |
| Dilsea                                   | ZM327 | dispar, Amphiascoides                     | R1152 |
| <i>Diminutive Goby</i>                   | ZG473 | dispar, Chaetonotus                       | HB134 |
| Dimophyes                                | D117  | dispar, Dactylobiotus                     | V28   |
| dimorphus, Ectocarpus                    | ZR16  | dispar, Exogone                           | P419  |
| dinema, Amphinema                        | D231  | dispar, Heteroteuthis                     | W2320 |
| Dinemoura                                | R2242 | <i>dispar</i> , <i>Monhystera</i>         | HD496 |
| Dinodasys                                | HB94  | dispar, Sphaeronella                      | R2156 |
| Dinophilus                               | P601  | dispersa, Galathea                        | S1471 |
| Diodontolaimus                           | HD427 | Disporella                                | Y65   |
| Diodora                                  | W114  | Disseta                                   | R232  |
| Diodorinae                               | W113  | dissimilis, Axinella                      | C540  |
| Diogenes                                 | S1443 | <i>dissimilis</i> , <i>Axinella</i>       | C540  |

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| dissimilis, <i>Dactylopusia vulgaris</i> var.       | R1096 | Dolichoplana                           | F55   |
| <i>dissimilis</i> , <i>Isodictya</i>                | C540  | dolichoptera, Polyarthra               | HA72  |
| dissimulans, <i>Amphiporus</i>                      | G87   | dolichura, <i>Spiliphera</i>           | HD183 |
| distans, <i>Tridentata</i>                          | D445  | dolichurus, <i>Halichoanolaimus</i>    | HD334 |
| Distaplia   | ZD12  | Dolioletta                             | ZD179 |
| disticha, <i>Atherospio</i>                         | P725  | DOLIOLIDA                              | ZD174 |
| distichum, <i>Mesothamnion</i>                      | ZM541 | Doliolidae                             | ZD175 |
| distichum, <i>Sphaerodoropsis</i>                   | P287  | <i>dolioliformis</i> , <i>Menestho</i> | W956  |
| distichus, <i>Fucus</i>                             | ZR380 | dolioliformis, <i>Noemiamea</i>        | W956  |
| distinctum, <i>Halectinosoma</i>                    | R859  | Doliolina                              | ZD181 |
| distinctum, <i>Pseudobradya</i>                     | R904  | Doliolum                               | ZD176 |
| Distomus  | ZD121 | dollfusi, <i>Calozodion</i>            | S1179 |
| <i>distorta</i> , <i>Balcis</i>                     | W669  | dollfusi, <i>Eocuma</i>                | S1199 |
| <i>distorta</i> , <i>Eulima</i>                     | W669  | <i>Dolphin</i> , <i>Bottle-nosed</i>   | ZK28  |
| <i>distorta</i> , <i>Halichondria</i>               | C540  | <i>Dolphin</i> , <i>Common</i>         | ZK26  |
| <i>distorta</i> , <i>Chlamys</i>                    | W1776 | <i>Dolphin</i> , <i>Euphrosyne</i>     | ZK24  |
| <i>distorta</i> , <i>Melania</i>                    | W669  | <i>Dolphin</i> , <i>Risso's</i>        | ZK37  |
| <i>distorta</i> , <i>Thracia</i>                    | W2235 | <i>Dolphin</i> , <i>Striped</i>        | ZK24  |
| <i>distortus</i> , <i>Hinnites</i>                  | W1776 | <i>Dolphin</i> , <i>White-beaked</i>   | ZK31  |
| ditlevseni, <i>Prochromadorella</i>                 | HD203 | <i>Dolphin</i> , <i>White-sided</i>    | ZK30  |
| ditoxa, <i>Microciona</i>                           | C1192 | dominica, <i>Pluvialis</i>             | ZJ217 |
| Ditrupa   | P1328 | dominicalis, <i>Laophonte</i>          | R1706 |
| DIURODRILIDA  | P1055 | <i>domuncula</i> , <i>Suberites</i>    | C418  |
| Diurodrilidae                                       | P1056 | Donacidae                              | W2036 |
| Diurodrilus   | P1057 | Donacilla                              | W1988 |
| divagans, <i>Ameira</i>                             | R1289 | donacina, <i>Moerella</i>              | W2021 |
| divaricata var. <i>weneri</i> , <i>Rhodophyllis</i> | ZM325 | donacina, <i>Montacuta</i>             | W1891 |
| <i>divaricata</i> , <i>Divaricella</i>              | W1832 | <i>donacina</i> , <i>Tellina</i>       | W2021 |
| <i>divaricata</i> , <i>Helminthora</i>              | ZM135 | Donax                                  | W2037 |
| <i>divaricata</i> , <i>Hippothoa</i>                | Y332  | Dondersiidae                           | W14   |
| <i>divaricata</i> , <i>Lucinella</i>                | W1832 | Donsiella                              | R1129 |
| <i>divaricata</i> , <i>Pionosyllis</i>              | P397  | Donsiellinae                           | R1128 |
| <i>divaricata</i> , <i>Pseudochirella</i>           | R480  | Dorhynchus                             | S1523 |
| <i>divaricata</i> , <i>Pseudomesochra</i>           | R1222 | doriae, <i>Eubranchus</i>              | W1446 |
| <i>divaricata</i> , <i>Rhodophyllis</i>             | ZM324 | DORIDACEA                              | W1360 |
| <i>divaricata</i> , <i>Sphaerotrichia</i>           | ZR233 | Doridicola                             | R1801 |
| Divaricellinae                                      | W1830 | Dorididae                              | W1370 |
| <i>Diver</i> , <i>Black-throated</i>                | ZJ6   | Doris                                  | W1371 |
| <i>Diver</i> , <i>Great Northern</i>                | ZJ7   | Doroixys                               | R691  |
| <i>Diver</i> , <i>Red-throated</i>                  | ZJ8   | Doropygella                            | R693  |
| <i>Diver</i> , <i>White-billed</i>                  | ZJ5   | Doropygopsis                           | R698  |
| <i>Diver</i> , <i>Yellow Billed</i>                 | ZJ5   | Doropygus                              | R700  |
| divergens, <i>Buffonellaria</i>                     | Y515  | <i>Doropygus</i>                       | R717  |
| diversichela, <i>Lissodendoryx</i>                  | C1067 | dorsalis, <i>Haliplectus</i>           | HD449 |
| diversicolor, <i>Hediste</i>                        | P462  | dorsalis, <i>Oerstedtia</i>            | G109  |
| <i>diversicolor</i> , <i>Nereis</i>                 | P462  | <i>dorsalis</i> , <i>Oerstedtia</i>    | G110  |
| <i>dives</i> , <i>Microciona</i>                    | C1003 | dorsalis, <i>Xylophaga</i>             | W2195 |
| <i>dives</i> , <i>Pronax</i>                        | C1003 | dorsettensis, <i>Inachus</i>           | S1526 |
| <i>dives</i> , <i>Stylostichon</i>                  | C1003 | Dorsiceratus                           | R1771 |
| <i>divisa</i> , <i>Evalea</i>                       | W960  | dorsobranchialis, <i>Monticellina</i>  | P844  |
| <i>divisa</i> , <i>Menestho</i>                     | W960  | dorsocostatum, <i>Cytheropteron</i>    | R2528 |
| <i>divisa</i> , <i>Ondina</i>                       | W960  | Dorvillea                              | P606  |
| <i>divisa</i> , <i>Schizotheca</i>                  | Y529  | <i>Dorvillea</i>                       | P641  |
| <i>dixonii</i> , <i>Parazoanthus</i>                | D655  | Dorvilleidae                           | P598  |
| <i>dixonii</i> , <i>Parazoanthus</i>                | D656  | <i>Dory</i> , <i>John</i>              | ZG209 |
| <i>dixonii</i> , <i>Fagesia</i>                     | D769  | Dorylaimopsis                          | HD248 |
| <i>dixonii</i> , <i>Milneedwardsia</i>              | D769  | <i>dorynchus</i> , <i>Inachus</i>      | S1528 |
| Dodecaceria   | P840  | doryphora, <i>Grateloupia</i>          | ZM291 |
| <i>Dogfish</i>                                      | ZF28  | Dosinia                                | W2126 |
| <i>Dogfish</i> , <i>Black-mouthed</i>               | ZF26  | Dosiniinae                             | W2125 |
| <i>Dogfish</i> , <i>Knifetooth</i>                  | ZF62  | Dotidae                                | W1269 |
| <i>Dogfish</i> , <i>Portuguese</i>                  | ZF52  | Dotto                                  | W1270 |
| dohrni, <i>Paraturbanella</i>                       | HB99  | <i>Dotterel</i>                        | ZJ209 |
| dohrnii, <i>Amphianthus</i>                         | D745  | <i>Dotterel</i> , <i>Eurasian</i>      | ZJ209 |
| Dolichodasys  | HB20  | dotyi, <i>Scytosiphon</i>              | ZR193 |
| Dolicholaimus                                       | HD59  | <i>Double-crested Cormorant</i>        | ZJ57  |

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| dougallii, Sterna                  | ZJ340 | Duck, Ferruginous             | ZJ119        |
| doveae, Thoracostomopsis           | HD38  | Duck, Harlequin               | ZJ136        |
| Dover Sole                         | ZG591 | Duck, Long-tailed             | ZJ130        |
| dovi, Parathalestris               | R1070 | Duck, Mandarin                | ZJ91         |
| Dowitcher, Long-billed             | ZJ257 | Duck, Ring-necked             | ZJ115        |
| Dowitcher, Short-billed            | ZJ256 | Duck, Tufted                  | ZJ117        |
| drachi, Coloboceras                | Q93   | duckeri, Lithophyllum         | ZM227        |
| Drachiella                         | ZM595 | ductor, Naucrates             | ZG331        |
| drachii, Porphyra                  | ZM55  | dudichi, Sphaeromicola        | R2663        |
| draco, Pterosagitta                | L8    | Dudresnaya                    | ZM329        |
| draco, Trachinus                   | ZG403 | duebeni, Gammarus             | S474         |
| Dracognomus                        | HD390 | Dugesia                       | F19          |
| Draconema                          | HD383 | Dugesiidae                    | F18          |
| Draconematidae                     | HD382 | duggani, Herrmannella         | R1829        |
| Draculiciteria                     | HB178 | dujardini, Dendoryx           | C926         |
| Draculiciterinae                   | HB177 | dujardini, Halisarca          | C1686        |
| dragescoi, Tetranchyroderma        | HB79  | dujardini, Halisarca          | C926         |
| Dragonet, Common                   | ZG452 | dujardini, Hymeniacion        | C1686        |
| Dragonet, Reticulated              | ZG454 | dujardini, Hypsibius          | V30          |
| Dragonet, Spotted                  | ZG453 | dujardini, Stylopus           | C926         |
| Drepanophoridae                    | G136  | dujardini, Echinoderes        | HC6          |
| Drepanopsis                        | R421  | dujardini, Oncholaimus        | HD121        |
| Drepanorchis                       | R118  | Dulichia                      | S624         |
| dresnayi, Desmarestia              | ZR335 | dulongii, Tanais              | S1106        |
| Drilliinae                         | W772  | dumerili, Seriola             | ZG333        |
| Drilonereis                        | P589  | dumerilii, Callopora          | Y204         |
| droebachiensis, Euclymene          | P961  | dumerilii, Platynereis        | P484         |
| droebachiensis, Strongylocentrotus | ZB205 | dumerilii, Rocinela           | S822         |
| Dromia                             | S1489 | Dumontia                      | ZM331        |
| DROMIACEA                          | S1487 | Dumontiaceae                  | ZM326        |
| Dromiidae                          | S1488 | dumortieri, Ectopleura        | D160         |
| DROMIOIDEA                         | S1486 | dumosa, Lafoea                | D386         |
| Drum, Shi                          | ZG371 | dunelmensis, Acanthocythereis | R2666        |
| drummondi, Echiodon                | ZG174 | duneri, Chone                 | P1267        |
| drummondi, Facelina                | W1470 | dunkeri, Schizoporella        | Y425         |
| drummondii, Thyonidium             | ZB282 | dunkeri, Schizoporella        | Y430         |
| dubia, Boreolimella                | R1457 | Dunkeria                      | W977         |
| dubia, Cressa                      | S186  | Dunlin                        | ZJ233        |
| dubia, Facelina                    | W1471 | dunnei, Doto                  | W1275        |
| dubia, Gastrochaena                | W2162 | duopapillata, Chromadorella   | HD192        |
| dubia, Hetermalla                  | R547  | durotrix, Hoplangia           | D789         |
| dubia, Hubrechtella                | G16   | durus, Laxosuberites          | C394         |
| dubia, Laophontina                 | R1722 | Dusky Perch                   | ZG307        |
| dubia, Leimia                      | R1457 | dutertrei, Escharina          | Y438         |
| dubia, Leptochelia                 | S1114 | dux, Architeuthis             | W2353        |
| dubia, Monstrillopsis              | R2386 | dyeri, Sykidion               | ZS16         |
| dubia, Normanella                  | R1757 | Dynamena                      | D421         |
| dubia, Ophryotrocha                | P615  | dynamenae, Pseudendoclonium   | ZS110        |
| dubia, Palio                       | W1356 | Dynamene                      | S864         |
| dubia, Paramesochra                | R1412 | Dyopedos                      | S627         |
| dubia, Polycera                    | W1356 | dypterygia, Molva             | ZG127        |
| dubia, Praya                       | D89   | dypterygia, Molva             | ZG128        |
| dubia, Prionospio                  | P764  | Dysidea                       | C1667        |
| dubia, Proameira                   | R1337 | Dysideidae                    | C1664        |
| dubitatus, Eunice                  | P555  | Dysponetus                    | P9           |
| dubium, Paracomesoma               | HD251 | Dyspontiidae                  | R2100        |
| dubius, Charadrius                 | ZJ206 | Dyspontius                    | R2108        |
| dubius, Charopinus                 | R2334 | dysteri, Salmacina            | P1361        |
| dubius, Halichaetonotus            | HB152 |                               |              |
| dubius, Heteranthesius             | R1836 |                               |              |
| dubius, Lumbricillus               | P1542 | <b>E</b>                      |              |
| dubius, Pseudanthesius             | R1865 | <b>Eagle Ray</b>              | <b>ZF106</b> |
| dubyi, Peyssonnelia                | ZM386 | Eagle, White-tailed           | ZJ160        |
| dubyi, Schizymenia                 | ZM420 | Eatonina                      | W316         |
| Duck, American Black               | ZJ104 | Ebala                         | W996         |
| Duck, Black                        | ZJ104 | Ebalia                        | S1504        |
|                                    |       | Ebalidae                      | W995         |



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| Ebaliinae                                 | S1503 | Ectinosoma                            | R835      |
| eberthi, Anticomia                        | HD56  | Ectinosomatidae                       | R820      |
| eblanae, Iphimedia                        | S379  | Ectinosomella                         | R844      |
| eblanae, Todaropsis                       | W2370 | Ectocarpaceae                         | ZR4       |
| <i>ebur</i> , <i>Colus</i>                | W719  | ECTOCARPALES                          | ZR3       |
| <i>ebur</i> , <i>Siphonorbis</i>          | W719  | Ectocarpus                            | ZR15      |
| eburnea, Crisia                           | Y17   | Ectochaete                            | ZS87      |
| eburnea, Pagophila                        | ZJ320 | <i>Ectochaete</i>                     | ZS92      |
| Eburninae                                 | W739  | Ectoforcepia                          | C1029     |
| <i>ecaudata</i> , <i>Arenicola</i>        | P934  | Ectopleura                            | D159      |
| <i>ecaudata</i> , Arenicolides            | P934  | Ectyodoryx                            | C1031     |
| <i>ecaudata</i> , Sphaeronella            | R2157 | ectyoninus, Laxosuberites             | C395      |
| <i>ecaudatus</i> , Ascomorpha             | HA48  | <i>edax</i> , <i>Hippoporidra</i>     | Y518      |
| <i>ecaudis</i> , <i>Siphonorbis</i>       | W735  | eddystonense, Amalosoma               | O13       |
| Echeneididae                              | ZG322 | eddystonia, Diplodonta rotundata var. | W1865     |
| Echiichthys                               | ZG404 | <i>edule</i> , <i>Cardium</i>         | W1961     |
| Echinaster                                | ZB80  | <i>edule</i> , Cerastoderma           | W1961     |
| Echinasteridae                            | ZB79  | <i>edulis crassipes</i> , Processa    | S1364     |
| echinata, Acanthocardia                   | W1943 | <i>edulis</i> , <i>Mytilus</i>        | V24       |
| echinata, Achelia                         | Q15   | <i>edulis</i> , <i>Mytilus</i>        | W1695     |
| echinata, Boltenia                        | ZD135 | <i>edulis</i> , Ostrea                | W1758     |
| echinata, Diastylis                       | S1250 | <i>edwardii</i> , <i>Amphilectus</i>  | C758      |
| echinata, Hydractinia                     | D273  | <i>edwardii</i> , <i>Isodictya</i>    | C758      |
| <i>echinata</i> , <i>Pedicellina</i>      | K46   | edwardsi, Amphitrite                  | P1183     |
| echinata, Raphitoma                       | W860  | edwardsi, Dynamene                    | S866      |
| echinatus, Scaphocalanus                  | R596  | edwardsi, Forskalia                   | D78       |
| echinicola, Asterocheres                  | R2072 | edwardsi, Lophoura                    | R2316     |
| Echinidae                                 | ZB194 | edwardsi, Neoamphitrite               | P1205     |
| echinipes, Proameira                      | R1338 | Edwardsia                             | D764      |
| ECHINISCOIDEA                             | V21   | Edwardsiella                          | D762      |
| Echiniscoides                             | V23   | Edwardsiidae                          | D759      |
| Echiniscoididae                           | V22   | <i>edwarsi</i> , <i>Autolytus</i>     | P437      |
| Echinocardium                             | ZB222 | edwarsi, Autolytus                    | P438      |
| Echinocletodes                            | R1773 | <i>Eel</i>                            | ZG11      |
| Echinocucumis                             | ZB247 | <i>Eel</i> , <i>Conger</i>            | ZG17      |
| Echinocyamus                              | ZB211 | <i>Eel</i> , <i>Moray</i>             | ZG14      |
| Echinoderes                               | HC11  | <i>Eel</i> , <i>Snipe</i>             | ZG20, G22 |
| Echinoderidae                             | HC4   | <i>Eel</i> , <i>Spiny</i>             | ZG26, G27 |
| echinoderma, Emplectonema                 | G101  | <i>Eelpout</i> , <i>Esmark's</i>      | ZG434     |
| ECHINODERMATA                             | ZB2   | <i>Eelpout</i> , <i>Sar's</i>         | ZG432     |
| Echinogammarus                            | S465  | <i>Eelpout</i> , <i>Vahl's</i>        | ZG435     |
| ECHINOIDA                                 | ZB190 | effilatus, Nannolaimoides             | HD294     |
| ECHINOIDEA                                | ZB181 | efflorescens, Audouinella             | ZM87      |
| Echinolaophonte                           | R1671 | effusum, Codium                       | ZS248     |
| <i>echinophora</i> , <i>Cassidaria</i>    | W504  | effusum, Streblonema                  | ZR71      |
| echinophora, Galeodea                     | W504  | egregia, Axinella                     | C541      |
| Echinopsyllus                             | R1775 | egregius, Sthenothocheres             | R2171     |
| echinopustulata, Harmothoe                | P57   | <i>Egret</i> , <i>Cattle</i>          | ZJ73      |
| Echinorhinidae                            | ZF67  | <i>Egret</i> , <i>Great</i>           | ZJ77      |
| Echinorhinus                              | ZF68  | <i>Egret</i> , <i>Great White</i>     | ZJ77      |
| echinosiphonica, Molgula                  | ZD150 | <i>Egret</i> , <i>Little</i>          | ZJ78      |
| Echinothuridae                            | ZB187 | Egretta                               | ZJ76      |
| ECHINOTHURIOIDA                           | ZB186 | <i>Egyptian Goose</i>                 | ZJ93      |
| <i>echinulata</i> , <i>Kirchenpaueria</i> | D455  | <i>ehbiensis</i> , <i>Autolytus</i>   | P444      |
| echinulatus, Philoceras                   | S1387 | ehlersi, Prionospio                   | P769      |
| Echinus                                   | ZB195 | Ehlersia                              | P348      |
| Echiodon                                  | ZG173 | ehrenbaumi, Rhabditis                 | HD632     |
| echionotum, Ceramium                      | ZM516 | <i>Eider</i>                          | ZJ152     |
| ECHIURA                                   | O1    | <i>Eider</i> , <i>Common</i>          | ZJ152     |
| ECHIURIDA                                 | O2    | <i>Eider</i> , <i>King</i>            | ZJ153     |
| Echiuridae                                | O3    | <i>Eider</i> , <i>Steller's</i>       | ZJ150     |
| Echiurus                                  | O4    | eireana, Doto                         | W1276     |
| echiurus, Echiurus                        | O6    | eireanna, Paraturbanella              | HB100     |
| Echthrogaleus                             | R2244 | Eirene                                | D365      |
| <i>Eckstrom's Topknot</i>                 | ZG552 | Eirenidae                             | D364      |
| Eclypsippe                                | P1148 | EIRENOIDEA                            | D363      |

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| ekmani, Siboglinum           | M10   | elegans, Stephanolaimus          | HD438 |
| Ekmania                      | ZB284 | elegans, Stomatolepas            | R56   |
| ekmanii, Dictyosiphon        | ZR142 | elegans, Tomopteris              | P247  |
| Elachista                    | ZR85  | elegans, Urothoe                 | S248  |
| Elachistaceae                | ZR84  | elegans, Viscosia                | HD131 |
| elachistoides, Stenothoe     | S211  | <i>elegantissima, Turbonilla</i> | W971  |
| ELASMOBRANCHII               | ZF2   | elegantula, Processa             | S1365 |
| Elasmopus                    | S507  | elegantula, Tisbe                | R990  |
| Elaterodiscus                | ZS88  | elephas, Palinurus               | S1430 |
| elatum, Leptophytum          | ZM223 | Eleutheria                       | D201  |
| elatus, Notopterochorus      | R718  | Eleutheriidae                    | D200  |
| electa, Brachystomia         | W921  | Eleutherocarpidae                | D9    |
| <i>electa, Menestho</i>      | W921  | Eleutherolaimus                  | HD569 |
| <i>electa, Odostomia</i>     | W921  | Eleutheromenia                   | W34   |
| Electra                      | Y175  | eliasoni, Paradoneis             | P697  |
| <i>Electric Ray</i>          | ZF79  | eliasoni, Parougia               | P634  |
| <i>Electric Ray, Marbled</i> | ZF78  | <i>eliasoni, Schistomeringos</i> | P634  |
| Electridae                   | Y174  | elinguis, Nais                   | P1415 |
| Eledone                      | W2397 | elisabethae, Enipo               | P43   |
| eledones, Dicyemenea         | B10   | elisabethae, Melinna             | P1122 |
| Eledoninae                   | W2396 | elitoral, Nereis                 | P474  |
| elegans arctica, Sagitta     | L14   | elizabethae, Euborlasia          | G49   |
| elegans baltica, Sagitta     | L15   | elizabethae, Stenhelia           | R1263 |
| elegans elegans, Sagitta     | L13   | ellipse, Stylostomum             | F114  |
| elegans, Aegialoalaimus      | HD456 | <i>elliptica, Astarte</i>        | W1934 |
| elegans, Agalma              | D70   | <i>elliptica, Lima</i>           | W1745 |
| elegans, Antithamnionella    | ZM495 | elliptica, Loxoconcha            | R2616 |
| elegans, Antomicron          | HD422 | elliptica, Melonanchora          | C1074 |
| elegans, Araeolaimus         | HD613 | elliptica, Spisula               | W1975 |
| elegans, Bathyporeia         | S452  | elliptica, Tridonta              | W1934 |
| elegans, Caloria             | W1473 | elliptichela, Microciona         | C1193 |
| elegans, Cancricepon         | S1004 | ellisi, Asterocheres             | R2073 |
| elegans, Collocheres         | R2084 | ellisii, Caberea                 | Y268  |
| <i>elegans, Corallina</i>    | ZM219 | <i>ellisii, Sertularella</i>     | D428  |
| elegans, Corallina           | ZM220 | <i>ellisii, Sertularella</i>     | D430  |
| <i>elegans, Corallina</i>    | ZM220 | Ellisina                         | Y225  |
| elegans, Crella              | C771  | ELLOBIACEA                       | W1504 |
| elegans, Cyartonema          | HD458 | Ellobiidae                       | W1505 |
| elegans, Cyclopinodes        | R648  | Ellobiinae                       | W1506 |
| elegans, Echinus             | ZB197 | elmhirsti, Isaea                 | S546  |
| elegans, Erythrocs           | S48   | Elminius                         | R67   |
| elegans, Greilada            | W1352 | Elofsonella                      | R2575 |
| elegans, Gymnothamnion       | ZM536 | Elofsonia                        | R2607 |
| <i>elegans, Haminoea</i>     | W1068 | elongata, Barentsia              | K52   |
| elegans, Hydroides           | P1332 | elongata, Bathypontia            | R389  |
| elegans, Jasmineira          | P1290 | elongata, Candacia               | R311  |
| elegans, Leptolaimus         | HD431 | elongata, Corallina              | ZM204 |
| elegans, Loxosomella         | K23   | <i>elongata, Cucumaria</i>       | ZB280 |
| elegans, Micrura             | G61   | elongata, Eriopisa               | S510  |
| elegans, Nitokra             | R1321 | elongata, Golfingia              | N14   |
| elegans, Notodelphys         | R710  | elongata, Hesionura              | P122  |
| elegans, Okenia              | W1309 | elongata, Himanthalia            | ZR389 |
| elegans, Palaemon            | S1317 | elongata, Interleptomesochra     | R1313 |
| elegans, Palmicellaria       | Y513  | elongata, Laophonte              | R1707 |
| elegans, Phaeostromatella    | ZR126 | <i>elongata, Mystides</i>        | P122  |
| <i>elegans, Plumaria</i>     | ZM551 | elongata, Ommatokoita            | R2360 |
| elegans, Pseudobradya        | R905  | elongata, Oxystomina             | HD95  |
| elegans, Pygospio            | P776  | <i>elongata, Phellia</i>         | D727  |
| elegans, Rhodophysema        | ZM177 | elongata, Polysiphonia           | ZM661 |
| elegans, Sagartia            | D713  | elongata, Pontocythere           | R2501 |
| elegans, Sagitta             | L12   | <i>elongata, Rhizaxinella</i>    | C417  |
| elegans, Sagitta elegans     | L13   | elongata, Rhodinicola            | R1944 |
| elegans, Scypha              | C135  | elongata, Sabatieria             | HD257 |
| <i>elegans, Sepia</i>        | B6    | elongata, Tisbe                  | R991  |
| elegans, Sepia               | W2306 | <i>elongata, Trachythyone</i>    | ZB280 |
| elegans, Sidnyum             | ZD30  | elongatum, Halectinosoma         | R860  |

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| elongatum, Leptosomatium               | HD73         | Enhydrosoma                     | R1571        |
| elongatus, Ascolaimus                  | HD600        | enigmaticus, Ficopomatus        | P1336        |
| elongatus, Benthodesmus                | ZG493        | <i>enigmaticus, Mercierella</i> | <i>P1336</i> |
| elongatus, Caligus                     | R2215        | Enipo                           | P42          |
| elongatus, Cricolaimus                 | HD424        | Enneagonum                      | D136         |
| elongatus, Dolichodasys                | HB22         | ENOPLA                          | G80          |
| elongatus, Echinoderes                 | HC7          | ENOPLIA                         | HD3          |
| elongatus, Euaugaptilus                | R174         | ENOPLIDA                        | HD4          |
| elongatus, Eucalanus                   | R395         | Enoplidae                       | HD6          |
| elongatus, Halcampoides                | D748         | ENOPLINA                        | HD5          |
| elongatus, Leptopsyllus                | R1405        | Enoploides                      | HD14         |
| elongatus, Linhomoeus                  | HD574        | Enoplolaimus                    | HD19         |
| elongatus, Notopterophorus             | R719         | Enoplus                         | HD11         |
| elongatus, Psammamphiporus             | G92          | <i>ensata, Aphroceras</i>       | <i>C111</i>  |
| elongatus, Pseudocalanus               | R426         | <i>ensata, Aphroceras</i>       | <i>C124</i>  |
| elongatus, Pseudopsyllus               | R1931        | <i>ensata, Aphroceras</i>       | <i>C29</i>   |
| elongatus, Sabelliphilus               | R1820        | <i>ensata, Aphroceras</i>       | <i>C89</i>   |
| elongatus, Scottocheres                | R2094        | <i>ensata, Aphroceras</i>       | <i>C91</i>   |
| <i>elongatus simonyi, Benthodesmus</i> | <i>ZG493</i> | <i>ensata, Grantia</i>          | <i>C111</i>  |
| elongatus, Suberites                   | C417         | <i>ensata, Ute</i>              | <i>C111</i>  |
| elongatus, Tanaissus                   | S1168        | ensifer, Theristus              | HD526        |
| elongella, Polysiphonia                | ZM662        | ensifer, Tisbe                  | R992         |
| Elysia                                 | W1116        | ensiforme, Paradoxostoma        | R2650        |
| ELYSIACEA                              | W1114        | Ensis                           | W1996        |
| Elysiidae                              | W1115        | ensis, Ensis                    | W1999        |
| emaciata, Callipallene                 | Q34          | entalis, Antalis                | W1519        |
| emaciata, Hiltermannicythere           | R2675        | <i>entalis, Dentalium</i>       | <i>W1519</i> |
| emarginata, Amalothrix                 | R577         | Entalophoroecia                 | Y53          |
| emarginata, Clavellisa                 | R2340        | Entelurus                       | ZG236        |
| emarginata, Cymodoce                   | S861         | entericus, Trochicola           | R1977        |
| emarginata, Eudorella                  | S1206        | Enterocola                      | R739         |
| emarginata, Hemicythere                | R2579        | Enterocolinae                   | R738         |
| emarginata, Idotea                     | S937         | Enterognathinae                 | R774         |
| Emarginula                             | W103         | Enterognathus                   | R775         |
| Emarginulinae                          | W102         | ENTEROGONA                      | ZD3          |
| Embletonia                             | W1291        | Enteromorpha                    | ZS149        |
| Embletoniidae                          | W1290        | enteromorphae, Lumbricillus     | P1543        |
| emerita, Goniada                       | P270         | ENTEROPNEUSTA                   | ZC12         |
| emphysema, Melonanchora                | C1075        | Enteropsinae                    | R750         |
| Emplectonema                           | G100         | Enteropsis                      | R751         |
| Emplectonematidae                      | G99          | Enteroxenos                     | W615         |
| Enalcyonium                            | R2047        | Entobiidae                      | R1952        |
| Enapteris                              | P242         | Entobius                        | R1953        |
| Encentrum                              | HA51         | Entocladia                      | ZS92         |
| Enchelidiidae                          | HD135        | <i>Entoderma</i>                | ZS92         |
| Enchelyopus                            | ZG140        | Entoniscidae                    | S1031        |
| <i>Enchelyopus</i>                     | <i>ZG140</i> | Entoniscus                      | S1036        |
| Enchytraeidae                          | P1501        | ENTOPROCTA                      | K1           |
| Enchytraeus                            | P1509        | Eocuma                          | S1198        |
| encrasicoli, Lernaenicus               | R2305        | Eoschizopera                    | R1185        |
| encrasicolus, Engraulis                | ZG41         | Eostichopus                     | ZB240        |
| endeca, Solaster                       | ZB72         | Epacanthion                     | HD26         |
| endecacnemos, Brisinga                 | ZB92         | eperlanus, Osmerus              | ZG54         |
| Endectyon                              | C1281        | <i>ephamilla, Eulima</i>        | <i>W636</i>  |
| Endeidae                               | Q27          | ephemerum, Chlorofilum          | ZS85         |
| Endeis                                 | Q28          | Epheria                         | W291         |
| Endocheres                             | R2181        | Ephesiella                      | P281         |
| Endoclonium                            | ZS90         | ephippiatus, Thorogobius        | ZG483        |
| Endodictyon                            | ZR19         | ephippiophorus, Microphthalmus  | P329         |
| endophloea, Schmitziella               | ZM124        | ephippium, Anomia               | W1807        |
| endophytica, Audouinella               | ZM88         | Epicalymma                      | R1875        |
| endozoica, Audouinella                 | ZM89         | EPICARIDEA                      | S956         |
| enflata, Sagitta                       | L16          | <i>Epicladia</i>                | <i>ZS92</i>  |
| <i>engeli, Berthellina</i>             | <i>W1162</i> | Epicladia                       | ZS96         |
| Engraulididae                          | ZG39         | Epigonus                        | ZG317        |
| Engraulis                              | ZG40         | Epilepton                       | W1910        |

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| Epimeria                                    | S373  | erythrophthalmus, Polygordius       | P1064 |
| Epimeriidae                                 | S372  | erythrophthalmus, Socarnes          | S330  |
| Epimolgus                                   | R1825 | Erythropini                         | S46   |
| Epinephelus                                 | ZG306 | Erythropros                         | S47   |
| <i>epiphytum</i> , <i>Prosuberites</i>      | C396  | erythropros, Byblis                 | S444  |
| epiphytum, <i>Prosuberites</i>              | C401  | erythropros, <i>Halectinosoma</i>   | R861  |
| <i>epiphytum</i> , <i>Suberites</i>         | C401  | erythropus, Anser                   | ZJ111 |
| Epistomia                                   | Y263  | erythropus, <i>Clibanarius</i>      | S1442 |
| Epistomiidae                                | Y262  | erythropus, <i>Tringa</i>           | ZJ281 |
| EPITONIACEA                                 | W540  | Erythrotrichia                      | ZM34  |
| Epitoniidae                                 | W541  | <i>Erythrotrichiopeltis</i>         | ZM44  |
| Epitoniinae                                 | W542  | Erythrotrichopeltis                 | ZM45  |
| Epitonium                                   | W543  | Escharella                          | Y362  |
| Epizoanthidae                               | D647  | Escharellidae                       | Y361  |
| Epizoanthus                                 | D648  | Escharina                           | Y436  |
| Epsilonema                                  | HD380 | Escharoides                         | Y357  |
| Epsilonematidae                             | HD379 | eschrichtii, <i>Ampelisca</i>       | S430  |
| equalis, <i>Thyasira</i>                    | W1854 | eschrichtii, <i>Opisa</i>           | S316  |
| <i>eques</i> , <i>Bolocera</i>              | D683  | esculenta, <i>Alaria</i>            | ZR341 |
| <i>eques</i> , <i>Lepidion</i>              | ZG152 | esculentus, <i>Echinus</i>          | ZB198 |
| <i>eques</i> , <i>Urticina</i>              | D683  | esilis, <i>Cyclopina</i>            | R638  |
| equiheni, <i>Cryptocelis</i>                | F78   | <i>Eskimo Curlew</i>                | ZJ268 |
| equilibra, <i>Caprella</i>                  | S643  | esmarkii, <i>Lycodes</i>            | ZG434 |
| equina, <i>Actinia</i>                      | D675  | esmarkii, <i>Trisopterus</i>        | ZG142 |
| <i>equina</i> , <i>Actinia</i>              | D677  | <i>Esmark's Eelpout</i>             | ZG434 |
| equiptans, <i>Crinoniscus</i>               | S964  | Esola                               | R1674 |
| equisetifolius, <i>Halurus</i>              | ZM538 | Esperiopsis                         | C758  |
| Erato                                       | W463  | espinulatus, <i>Paraleptastacus</i> | R1516 |
| Eratoinae                                   | W462  | Eteone                              | P116  |
| erecta, <i>Antho</i>                        | C1111 | eteoncola, <i>Cyclorhiza</i>        | R2178 |
| erecta, <i>Cordylecladia</i>                | ZM461 | Eteoninae                           | P115  |
| <i>eremita</i> , <i>Golfingia</i>           | N24   | Ethmolaimidae                       | HD267 |
| eremita, <i>Nephasoma</i>                   | N24   | Etionella                           | S1038 |
| eremita, <i>Onuphis</i>                     | P547  | Etmopterus                          | ZF58  |
| erethizon, <i>Caprella</i>                  | S644  | euacantha, <i>Cyclopidina</i>       | R635  |
| Eretmochelys                                | ZI11  | Euaetideus                          | R451  |
| Ergasilidae                                 | R1788 | Eualus                              | S1342 |
| ergasiloides, <i>Melinnacheres</i>          | R2174 | Euandania                           | S365  |
| Ergasilus                                   | R1789 | Euaugaptilus                        | R168  |
| ergasticus, <i>Benthocopus</i>              | W2403 | Euborlasia                          | G48   |
| Erichthonius                                | S561  | Euborlasia                          | W1444 |
| Erignathus                                  | ZK16  | Eubranchedus                        | W1445 |
| erinacea, <i>Ocenebra</i>                   | W685  | Eucalanidae                         | R391  |
| erinaceus, <i>Sphaerosyllis</i>             | P426  | EUCALANOIDEA                        | R390  |
| Eriocheir                                   | S1631 | Eucalanus                           | R392  |
| Eriopisa                                    | S509  | Eucanuella                          | R811  |
| Eriopisella                                 | S511  | EUCARIDA                            | S1262 |
| errata, <i>Schizoporella</i>                | Y426  | Euchaeta                            | R492  |
| erraticus, <i>Cyamus</i>                    | S666  | euchaeta, <i>Enapteris</i>          | P243  |
| eruca, <i>Haplostoma</i>                    | R762  | Euchaetidae                         | R491  |
| eruca, <i>Pherusa</i>                       | P883  | Eucheilota                          | D332  |
| <i>eruca</i> , <i>Stylarioides</i>          | P883  | Eucheilotidae                       | D331  |
| erucaeformis, <i>Dorvillea</i>              | P607  | Euchirella                          | R453  |
| Ervilia                                     | W2065 | Euchlanis                           | HA18  |
| ERYONOIDEA                                  | S1423 | Euchone                             | P1277 |
| erythraeus, <i>Robertgurneya</i>            | R1234 | Euchromadora                        | HD211 |
| erythrinus, <i>Pagellus</i>                 | ZG357 | Euclymene                           | P960  |
| Erythrocladia                               | ZM28  | Euclymeninae                        | P951  |
| Erythrodermis                               | ZM398 | eucnemis, <i>Gorgonocephalus</i>    | ZB113 |
| erythroglossi, <i>Asterocolax</i>           | ZM590 | Eucodonium                          | D214  |
| erythroglossum                              | ZM600 | Eucratea                            | Y164  |
| Erythropeltidaceae                          | ZM27  | Eucrateidae                         | Y163  |
| ERYTHROPELTIDALES                           | ZM26  | Eucyclinae                          | W141  |
| Erythropeltis                               | ZM32  | EUCYCLIOPHORA                       | YA2   |
| erythrophthalma, <i>Erythropros</i>         | S49   | Eucythere                           | R2560 |
| <i>erythrophthalmus</i> , <i>Eurystheus</i> | S541  | Eucytheridae                        | R2559 |

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| Eudactylina                      | R2269 | euryhalina, Dactylopusia        | R1091 |
| Eudactylinella                   | R2275 | Eurylepta                       | F103  |
| Eudactylinidae                   | R2268 | Euryleptidae                    | F102  |
| Eudendriidae                     | D217  | Eurynome                        | S1535 |
| Eudendrium                       | D218  | Euryphoridae                    | R2233 |
| Eudesme                          | ZR218 | Euryphorus                      | R2234 |
| <i>eudiptus, ?Enchytraeoides</i> | P1539 | Eurypon                         | C1286 |
| Eudorella                        | S1205 | <i>Eurypon</i>                  | C1292 |
| Eudorellopsis                    | S1209 | Eurysilenium                    | R2184 |
| Eudoxoides                       | D121  | Eurystomina                     | HD140 |
| Eugomontia                       | ZS54  | Eurystrotos                     | Y38   |
| Eugyra                           | ZD158 | Eurysyllis                      | P354  |
| Eukrohnia                        | L2    | Euryte                          | R669  |
| Eulalia                          | P150  | Eurytemora                      | R298  |
| Eulepethidae                     | P112  | Eurythenes                      | S292  |
| Eulima                           | W602  | Eusarsiella                     | R2431 |
| EULIMACEA                        | W598  | eusebia, Platysquilla           | S22   |
| Eulimella                        | W990  | Eusiridae                       | S100  |
| Eulimellinae                     | W989  | EUSIROIDEA                      | S99   |
| Eulimidae                        | W599  | Eusirus                         | S108  |
| Eulimnogammarus                  | S469  | Euspira                         | W492  |
| eulimoides, Brachystomia         | W922  | Eusyllinae                      | P373  |
| <i>eulimoides, Odostomia</i>     | W922  | Eusyllis                        | P378  |
| eulitorale, Encentrum            | HA54  | <i>Eusynonchus</i>              | HD79  |
| eulittoralis, Interleptomesochra | R1314 | EUTARDIGRADA                    | V25   |
| EUMALACOSTRACA                   | S23   | Euterpina                       | R939  |
| Eumastia                         | C628  | Euterpinidae                    | R938  |
| Eumetula                         | W278  | Euthynnus                       | ZG501 |
| Eumida                           | P163  | Eutima                          | D367  |
| Eumorpholaimus                   | HD571 | Eutonina                        | D370  |
| Eunice                           | P554  | Eutrigla                        | ZG264 |
| Eunicella                        | D610  | euxinicus, Progebiophilus       | S1018 |
| Eunicicola                       | R1961 | euxinus, Leptosomatides         | HD71  |
| Eunicicolidae                    | R1960 | Euzonus                         | P995  |
| EUNICIDA                         | P536  | Evadne                          | R5    |
| Eunicidae                        | P553  | evanescens, Fucus               | ZR381 |
| Eunoe                            | P45   | evansi, Primno                  | S757  |
| Euonyx                           | S288  | Evansia                         | R1552 |
| Eupagurus                        | S1454 | <i>Evansia</i>                  | R1552 |
| Eupelte                          | R1040 | Evansula                        | R1533 |
| EUPHAUSIACEA                     | S1263 | evocata, Notoplites             | Y271  |
| Euphausiidae                     | S1264 | ewensis, Acantholaimus          | HD181 |
| Euphilomedes                     | R2418 | ewensis, Filitonchus            | HD280 |
| Euphosine                        | P524  | ewensis, Siphonolaimus          | HD564 |
| Euphosinidae                     | P523  | exaratus, Ischnochiton          | W72   |
| <i>Euphosyne Dolphin</i>         | ZK24  | <i>exasperatus, Cantharidus</i> | W170  |
| Euphysa                          | D156  | <i>exasperatus, Jujubinus</i>   | W170  |
| Eupolymnia                       | P1188 | <i>excavata, Chrysallida</i>    | W944  |
| Eupolymniphilus                  | R1815 | <i>excavata, Folinella</i>      | W944  |
| Eupronoe                         | S764  | <i>excavata, Ividella</i>       | W944  |
| <i>Eurasian Curlew</i>           | ZJ267 | <i>excavata, Teredo</i>         | W2210 |
| <i>Eurasian Dotterel</i>         | ZJ209 | <i>excavata, Teredothyra</i>    | W2210 |
| <i>Eurasian Oystercatcher</i>    | ZJ186 | exharena, Odontophora           | HD603 |
| <i>Eurasian Wigeon</i>           | ZJ101 | <i>exigua, Aclis</i>            | W593  |
| <i>Eurasian Woodcock</i>         | ZJ278 | <i>exigua, Ameira</i>           | R1290 |
| <i>europaea, Trivia</i>          | W461  | <i>exigua, Cuspidaria</i>       | W2281 |
| europaeus, Mesoplodon            | ZK56  | <i>exigua, Epicalymma</i>       | R1876 |
| <i>European Golden Plover</i>    | ZJ216 | <i>exigua, Haloschizopera</i>   | R1191 |
| <i>European Shag</i>             | ZJ56  | <i>exigua, Idyella</i>          | R1013 |
| <i>European Storm-petrel</i>     | ZJ41  | <i>exigua, Janthina</i>         | W583  |
| EURYALIDA                        | ZB106 | <i>exigua, Laomedea</i>         | D514  |
| Eurycletodes                     | R1638 | <i>exigua, Microcyclopina</i>   | R656  |
| Eurycope                         | S925  | <i>exigua, Protomystides</i>    | P134  |
| Eurycopidae                      | S924  | <i>exiguum, Cerastoderma</i>    | W1949 |
| Eurydice                         | S850  | <i>exiguum, Copidozoum</i>      | Y216  |
| eurygnathus, Pachyptilus         | R206  | <i>exiguum, Parvicardium</i>    | W1949 |

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|---|--------------|--|--------------|
| exiguum, Propilidium                    | W242         | falcata, Lohmannella                         | Q130         |
| exiguus, Eubranchus                     | W1447        | falcatus, Atylus                             | S410         |
| exiguus, Heteropsyllus                  | R1465        | <i>falcatus</i> , <i>Cerapus</i>             | S569         |
| Exilicrusta                             | ZM206        | falcatus, Desmoscolex                        | HD482        |
| exilis, Pseudobradya                    | R906         | falcatus, Leptophoxus                        | S260         |
| exilis, Sarsameira                      | R1361        | <i>falcatus</i> , <i>Nototropis</i>          | S410         |
| eximia, Chrysallida                     | W934         | <i>falcatus</i> , <i>Podocerus</i>           | S569         |
| eximia, Neolagenipora                   | Y377         | falcatus, Tegastes                           | R1055        |
| eximia, Sarsia                          | D182         | Falcidens                                    | W10          |
| Exochellidae                            | Y356         | falcifer, Amallothrix                        | R578         |
| Exocoetidae                             | ZG176        | falcinellus, Limicola                        | ZJ254        |
| Exocoetus                               | ZG179        | falcinellus, Plegadis                        | ZJ87         |
| Exogone                                 | P418         | falcula, Hamacantha                          | C765         |
| Exogoninae                              | P410         | fallaciosa, Nitokra                          | R1322        |
| exoleta, Dosinia                        | W2130        | Fallax                                       | X51          |
| exoletus, Centrolabrus                  | ZG390        | fallax, Alosa                                | ZG32         |
| exotica, Ligia                          | S1055        | fallax, Diphasia                             | D417         |
| expansa, Diaphana                       | W1057        | fallax, Marphysa                             | P565         |
| expansa, Hypophorella                   | Y125         | fallax, Microarthridion                      | R945         |
| expansa, Paraphellia                    | D737         | fallax, Microciona                           | C1195        |
| expansum, Lithophyllum                  | ZM248        | fallax, Prionospio                           | P765         |
| <i>expansum</i> , <i>Lithophyllum</i>   | <i>ZM248</i> | fallax, Pseudosuberites                      | C405         |
| <i>expansum</i> , <i>Trachysma</i>      | <i>W207</i>  | fallax, Solidobalanus                        | R72          |
| expansus, Laophontodes                  | R1781        | fallax, Xanthocalanus                        | R564         |
| expusilla, Eulalia                      | P153         | <i>False Catshark</i>                        | ZF32         |
| <i>exquisita</i> , <i>Daronia</i>       | <i>W1000</i> | <i>False Killer Whale</i>                    | ZK33         |
| <i>exquisita</i> , <i>Skenea</i>        | <i>W1000</i> | <i>fan</i> , <i>Northem sea</i>              | <i>D608</i>  |
| <i>exquisita</i> , <i>Tjaernoia</i>     | <i>W1000</i> | <i>fan</i> , <i>Sea</i>                      | <i>D611</i>  |
| <i>exquisitus</i> , <i>Adeorbis</i>     | <i>W1000</i> | <i>farinosa</i> , <i>Fosliella</i>           | <i>ZM214</i> |
| extensum, Pseudolithoderma              | ZR101        | farinosum, Hydrolithon                       | ZM214        |
| extenuata, Harmothoe                    | P58          | <i>farinosum</i> , <i>Hydrolithon</i>        | <i>ZM216</i> |
| <i>extenuata</i> , <i>Lagisca</i>       | <i>P58</i>   | farrani, Eubranchus                          | W1448        |
| ezoensis, Hydroides                     | P1333        | farrani, Laophonte                           | R1708        |
|   |              | Farrania                                     | R420         |
| <b>F</b>                                |              | Farrella                                     | Y121         |
| <b>fabalis, Anser</b>                   | <b>ZJ112</b> | fascia, Petalonia                            | ZR187        |
| <i>fabalis</i> , <i>Littorina</i>       | <i>W299</i>  | fasciata, Aplysia                            | W1149        |
| faber, Zeus                             | ZG209        | fasciata, Clausinella                        | W2100        |
| Fabricia                                | P1282        | fasciata, Lamprops                           | S1243        |
| fabricii, Copidognathus                 | Q97          | fasciata, Protomedeia                        | S557         |
| fabricii, Cystisoma                     | S718         | fasciata, Ulva                               | ZS177        |
| <i>fabricii</i> , <i>Gonatus</i>        | <i>W2350</i> | <i>fasciata</i> , <i>Venus</i>               | <i>W2100</i> |
| fabricii, Munna                         | S904         | fasciatus, Ericthonius                       | S563         |
| <i>fabricii</i> , <i>Munna</i>          | <i>S904</i>  | fasciatus, Philoceras                        | S1388        |
| <i>fabricii</i> , <i>Nipponitrophon</i> | <i>W678</i>  | fasciatus, Sacodiscus                        | R977         |
| fabricii, Trophon                       | W678         | fascicularis, Acanthochitona                 | W87          |
| Fabriciola                              | P1284        | fascicularis, Adreus                         | C441         |
| fabula, Fabulina                        | W2019        | fascicularis, Ciona                          | ZD70         |
| <i>fabula</i> , <i>Tellina</i>          | <i>W2019</i> | <i>fascicularis</i> , <i>Dictyocylindrus</i> | <i>C441</i>  |
| Fabulina                                | W2018        | fascicularis, Lepas                          | R35          |
| facciolaeae, Chlorochytrium             | ZS10         | <i>fascicularis</i> , <i>Lucernaria</i>      | <i>D15</i>   |
| Facelina                                | W1467        | <i>fasciculata</i> , <i>Halichondria</i>     | <i>C936</i>  |
| Facelinidae                             | W1466        | fasciculata, Leptonematella                  | ZR95         |
| facilis, Euaugaptilus                   | R175         | <i>fasciculata</i> , <i>Myxilla</i>          | <i>C936</i>  |
| faeroensis, Leptoclinides               | ZD63         | <i>fasciculata</i> , <i>Spongia</i>          | <i>C936</i>  |
| faeroensis, Polycera                    | W1349        | fasciculatum, Lithophyllum                   | ZM229        |
| faex, Maxmuelleria                      | O17          | fasciculatum, Streblonema                    | ZR72         |
| fagei, Cumopsis                         | S1187        | fasciculatus, Ectocarpus                     | ZR17         |
| fagei, Loxosomella                      | K25          | fasciculatus, Synonchus                      | HD81         |
| fagei, Mesonerilla                      | P1037        | fasciola, Dictyota                           | ZR314        |
| fairliensis, Darcythompsonia            | R929         | fasciolata, Micrura                          | G62          |
| falcata, Ampharete                      | P1135        | <i>fastigiatum</i> , <i>Stegopoma</i>        | <i>D306</i>  |
| falcata, Dulichia                       | S625         | faurei, Lamipella                            | R2054        |
| <i>falcata</i> , <i>Gigartina</i>       | <i>ZM342</i> | fauveli, Chone                               | P1268        |
| falcata, Hydrallmania                   | D424         | fauveli, Loxosomella                         | K26          |
| falcata, Jassa                          | S569         | fauveli, Psammodrilus                        | P865         |

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| Fauvelia   | P383  | figulus, Neoamphitrite                  | P1206 |
| Fauveliopsidae                                       | P894  | filamentosa, Spyridia                   | ZM572 |
| Fauveliopsis   | P895  | Filellum                                | D381  |
| Favorinidae  | W1476 | filicaudata, Chone                      | P1269 |
| Favorinus  | W1477 | <i>filicaudata</i> , <i>Monhystera</i>  | HD496 |
| feldmanni, Diarthrodes                               | R1103 | filicaudatus, Bathylaimus               | HD154 |
| Feldmannia   | ZR21  | filicina, Grateloupia                   | ZM292 |
| feldmanniae, Aglaothamnion                           | ZM477 | filicina, Halopteris                    | ZR305 |
| feldmannii, Myrionema                                | ZR119 | <i>filicomis</i> , <i>Laetmatonice</i>  | P23   |
| feldmannii, Rhodophysema                             | ZM175 | filicornis, Laetmonice                  | P23   |
| <i>felina</i> var. <i>lofotensis</i> , <i>Tealia</i> | D683  | filicornis, Socarnopsis                 | S332  |
| felina, Polycelis                                    | F28   | filicornis, Spio                        | P790  |
| <i>felina</i> , <i>Tealia</i>                        | D684  | Filicrisia                              | Y5    |
| felina, Urticina                                     | D684  | filicula, Abietinaria                   | D410  |
| <i>felinus</i> , <i>Dendronotus</i>                  | W1267 | FILIFERA                                | D216  |
| femoratum, Phoxichilidium                            | Q48   | <i>filiforme</i> , ? <i>Halecium</i>    | D398  |
| <i>fenestrata</i> , <i>Chrysallida</i>               | W967  | <i>filiforme</i> , <i>Halecium</i>      | D395  |
| fenestrata, Hincksia                                 | ZR37  | filiforme, Pogotrichum                  | ZR159 |
| fenestrata, Tragula                                  | W967  | filiformis, Amphiuira                   | ZB154 |
| <i>fenestrata</i> , <i>Turbonilla</i>                | W967  | filiformis, Araphura                    | S1119 |
| fenestratum, Araeosoma                               | ZB189 | filiformis, Axonolaimus                 | HD591 |
| <i>fenestratus</i> , <i>Colus</i>                    | W735  | filiformis, Chromadorella               | HD193 |
| <i>fenestratus</i> , <i>Siphonorbis</i>              | W735  | filiformis, Cirratulus                  | P837  |
| fenestratus, Turrisipho                              | W735  | <i>filiformis</i> , <i>Eurystomina</i>  | HD142 |
| Fenestrulina   | Y482  | filiformis, Filitonchus                 | HD281 |
| fennica fennica, Hexarthra                           | HA99  | filiformis, Heteromastus                | P917  |
| fennica, Hexarthra fennica                           | HA99  | filiformis, Magelona                    | P805  |
| fennicus, Lumbricillus                               | P1544 | filiformis, Metalinhomoeus              | HD582 |
| ferina, Aythya                                       | ZJ116 | filiformis, Petalonia                   | ZR188 |
| ferox, Alepisaurus                                   | ZG77  | filiformis, Procephalothrix             | G13   |
| ferrugina, Ehlersia                                  | P350  | filiformis, Staurocoryne                | D193  |
| ferruginea, Calidris                                 | ZJ236 | filigerus, Euaugaptilus                 | R176  |
| ferruginea, Runcina                                  | W1095 | Filinia                                 | HA93  |
| ferruginea, Tadorna                                  | ZJ155 | filipes, Bonnierilla                    | R685  |
| ferruginea, Thyasira                                 | W1851 | filipes, Desmosoma                      | S922  |
| <i>ferruginosa</i> , <i>Montacuta</i>                | W1902 | Filitonchus                             | HD279 |
| ferruginosa, Tellimya                                | W1902 | Filigrana                               | P1349 |
| <i>Ferruginous Duck</i>                              | ZJ119 | filigranarum, Monstrilla                | R2377 |
| ferulacea, Polysiphonia                              | ZM663 | Filigraninae                            | P1346 |
| fervensis, Gari                                      | W2051 | Filigranula                             | P1351 |
| fessa, Dendrobeatia                                  | Y252  | filosa, Pennella                        | R2313 |
| fibrata, Polysiphonia                                | ZM664 | FILOSPERMOIDEA                          | IA2   |
| fibrillosa, Polysiphonia                             | ZM665 | filum, Chorda                           | ZR346 |
| <i>fibrillosa</i> , <i>Polysiphonia</i>              | ZM681 | filum, Drilonereis                      | P591  |
| <i>fibrosa</i> , <i>Polycarpa</i>                    | ZD111 | filum, Haplognathia                     | IA5   |
| fibrosa, Polycarpa                                   | ZD112 | fimbriata, Guitarra                     | C812  |
| <i>fibrosa</i> , <i>Polycarpa</i>                    | ZD118 | <i>fimbriata</i> , <i>Isodictya</i>     | C1084 |
| fibrosa, Spongosorites                               | C681  | fimbriata, Myxilla                      | C1084 |
| fibrosum, Arachnidium                                | Y88   | fimbriata, Myxilla cf.                  | C1080 |
| Fibulariidae   | ZB210 | fimbriatula, Bankia                     | W2215 |
| fibulata, Haliclona                                  | C1424 | fimbriatum, Porcellidium                | R1028 |
| <i>fibulatus</i> , <i>Gellius</i>                    | C1424 | <i>fimbriatum</i> , <i>Porcellidium</i> | R1032 |
| Ficopomatus  | P1335 | fimbriatus, Austrosyrhoe                | S351  |
| <i>fictitia</i> , <i>Microciona</i>                  | C991  | <i>Fin Whale</i>                        | ZK68  |
| <i>fictitia</i> , <i>Plumohalichondria</i>           | C991  | <i>fingers</i> , <i>Dead men's</i>      | D597  |
| <i>fictitius</i> , <i>Anchinoe</i>                   | C991  | <i>fingers</i> , <i>Red dead men's</i>  | D598  |
| fictitius, Phorbac                                   | C991  | finmarchica, Ampharete                  | P1136 |
| ficulinae, Microspora                                | ZS22  | finmarchica, Cythereis                  | R2573 |
| <i>ficus</i> , <i>Ficulina</i>                       | C418  | finmarchica, Philine                    | W1040 |
| <i>ficus</i> , <i>Hymeniacion</i>                    | C418  | finmarchica, Stenhelina longicaudata    | R1267 |
| <i>ficus</i> , <i>Suberites</i>                      | C418  | finmarchica, Stenhelina longicaudata    | R1267 |
| <i>ficus</i> , <i>Suberites</i>                      | C418  | finmarchica, Tisbe                      | R993  |
| fidicula, Cythereis                                  | R2572 | finmarchicum, Halectinosoma             | R862  |
| <i>Fifteen-spined Stickleback</i>                    | ZG230 | finmarchicus, Calanus                   | R360  |
| Figularia  | Y326  | finmarchicus, Eupolymniphilus           | R1815 |
| figularis, Figularia                                 | Y327  | finmarchicus, Gammarus                  | S475  |

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| <i>finmarchicus</i> , <i>Marinogammarus</i> | S475  | <i>flavidum</i> , <i>Tetrastemma</i>          | B21   |
| <i>finta</i> , <i>Alosa</i>                 | ZG32  | <i>flavidum</i> , <i>Tetrastemma</i>          | B28   |
| Fiona                                       | W1457 | <i>flavidum</i> , <i>Tetrastemma</i>          | G125  |
| Fionidae                                    | W1456 | <i>flavidum</i> , <i>Tetrastemma</i>          | G132  |
| <i>fiordica</i> , <i>Onuphis</i>            | P549  | <i>flavidus</i> , <i>Lomanotus</i>            | W1258 |
| <i>fiordica</i> , <i>Paradiopatra</i>       | P549  | <i>flavidus</i> , <i>Tegastes</i>             | R1056 |
| <i>fiordicum</i> , <i>Siboglinum</i>        | M11   | <i>flavifolium</i> , <i>Sargassum</i>         | ZR392 |
| <i>firmus</i> , <i>Phalodrilus</i>          | P1462 | <i>flavipes</i> , <i>Neanthes</i> cf.         | P468  |
| <i>firmus</i> , <i>Thalassodrilus</i>       | P1462 | <i>flavipes</i> , <i>Tringa</i>               | ZJ282 |
| <i>fischeri</i> , <i>Cytherois</i>          | R2638 | <i>flavocapitatus</i> , <i>Protodrilus</i>    | P1073 |
| <i>fischeriana</i> , <i>Ammonicerina</i>    | W904  | <i>flavum</i> , <i>Sphaerodorum</i>           | P291  |
| <i>Fish</i> , <i>Wolf</i>                   | ZG418 | <i>flavus</i> , <i>Bulbus</i>                 | W496  |
| <i>fissa</i> , <i>Schizotheca</i>           | Y530  | <i>fleetense</i> , <i>Paradoxostoma</i>       | R2651 |
| <i>fissura</i> , <i>Emarginula</i>          | W106  | <i>flemingii</i> , <i>Amphiblestrum</i>       | Y223  |
| <i>fissurata</i> , <i>Haematocelis</i>      | ZM428 | <i>flemingii</i> , <i>Parascidia</i>          | ZD32  |
| FISSURELLACEA                               | W100  | <i>flesus</i> , <i>Platichthys</i>            | ZG576 |
| Fissurellidae                               | W101  | <i>flevensis</i> , <i>Theristus</i>           | HD527 |
| <i>fistulosa</i> , <i>Cellaria</i>          | Y300  | <i>flexuosa</i> , <i>Cladophora</i>           | ZS201 |
| <i>fistulosa</i> , <i>Haliclona</i>         | C1425 | <i>flexuosa</i> , <i>Enteromorpha</i>         | ZS154 |
| <i>fistulosa</i> , <i>Leuconia</i>          | C136  | <i>flexuosa</i> , <i>Laomedea</i>             | D515  |
| <i>fistulosa</i> , <i>Scypha</i>            | C136  | <i>flexuosa</i> , <i>Paracytherois</i>        | R2644 |
| <i>fistulosus</i> , <i>Asperococcus</i>     | ZR165 | <i>flexuosa</i> , <i>Thyasira</i>             | W1837 |
| <i>Five-bearded Rockling</i>                | ZG111 | <i>flexuosum</i> , <i>Pleonosporium</i>       | ZM549 |
| <i>flabellaris</i> , <i>Tubulipora</i>      | Y29   | <i>flexuosus</i> , <i>Ophiodromus</i>         | P313  |
| <i>flabellata</i> , <i>Bugula</i>           | Y243  | <i>flexuosus</i> , <i>Praunus</i>             | S82   |
| <i>flabellata</i> , <i>Obelia</i>           | D521  | <i>flexus</i> , <i>Harpacticus</i>            | R957  |
| <i>flabellata</i> , <i>Pherusa</i>          | P884  | <i>floccosa</i> , <i>Antiithamniella</i>      | ZM496 |
| <i>flabellata</i> , <i>Polyplumaria</i>     | D471  | <i>floriceps</i> , <i>Octobranchus</i>        | P1173 |
| <i>flabellata</i> , <i>Sabella</i>          | P1319 | FLORIDEOPHYCIDAE                              | ZM66  |
| <i>flabellata</i> , <i>Stylarioides</i>     | P884  | <i>floridula</i> , <i>Audouinella</i>         | ZM182 |
| Flabellidae                                 | D790  | <i>floridula</i> , <i>Rhodothamniella</i>     | ZM182 |
| FLABELLIFERA                                | S811  | <i>floridulum</i> , <i>Rhodochorton</i>       | ZM182 |
| Flabelligera                                | P880  | <i>floridus</i> , <i>Cancrion</i>             | S1033 |
| <i>flabelligera</i> , <i>Thoracophelia</i>  | P996  | FLOSCULARIACEAE                               | HA91  |
| FLABELLIGERIDA                              | P872  | <i>flosculosa</i> , <i>Griffithsia</i>        | ZM539 |
| Flabelligeridae                             | P873  | <i>flosculosus</i> , <i>Halurus</i>           | ZM539 |
| <i>flabelligerum</i> , <i>Ceramium</i>      | ZM518 | <i>Flounder</i>                               | ZG576 |
| <i>flabelligerus</i> , <i>Euzonus</i>       | P996  | Flustra                                       | Y186  |
| Flabellina                                  | W1423 | <i>flustra</i> , <i>Axinella</i>              | C543  |
| Flabellinidae                               | W1415 | <i>flustra</i> , <i>Tragosia</i>              | C543  |
| Flabelliphilus                              | R2408 | <i>flustra</i> , <i>Entocladia</i>            | ZS93  |
| Flabellum                                   | D791  | Flustrellidra                                 | Y83   |
| <i>flacca</i> , <i>Ulothrix</i>             | ZS63  | Flustrellidridae                              | Y82   |
| <i>flaccida</i> , <i>Elachista</i>          | ZR86  | Flustridae                                    | Y185  |
| <i>flaccidum</i> , <i>Ceramium</i>          | ZM517 | FLUSTROIDEA                                   | Y184  |
| <i>flaccus</i> , <i>Corycaeus</i>           | R1995 | <i>flustroides</i> , <i>Hincksina</i>         | Y196  |
| Fladenia                                    | R1592 | <i>fluviatilis</i> , <i>Gammarus</i>          | S474  |
| <i>fladensis</i> , <i>Mesocletodes</i>      | R1658 | <i>fluviatilis</i> , <i>Lampetra</i>          | ZE11  |
| <i>flagelliformis</i> , <i>Chordaria</i>    | ZR214 | <i>fluviatilis</i> , <i>Theodoxus</i>         | W255  |
| <i>flagellum</i> , <i>Hippothoa</i>         | Y333  | <i>Flying Gumard</i>                          | ZG301 |
| <i>flandricus</i> , <i>Syrcticola</i>       | R1551 | <i>Flying-fish</i> , <i>Mirrorwing</i>        | ZG182 |
| <i>Flathead Grey Mullet</i>                 | ZG385 | <i>Flying-fish</i> , <i>Tropical Two-wing</i> | ZG180 |
| <i>flava</i> , <i>Dactylopodella</i>        | R1117 | <i>Flying-fish</i> , <i>Atlantic</i>          | ZG178 |
| <i>flava</i> , <i>Eteone</i>                | P117  | <i>fodiens</i> , <i>Micromenia</i>            | W16   |
| <i>flava</i> , <i>Eteone</i>                | P117  | <i>foecundum</i> , <i>Chilionema</i>          | ZR168 |
| <i>flava</i> , <i>Eteone</i>                | P118  | <i>foeniculaceus</i> , <i>Cystoseira</i>      | ZR366 |
| <i>flava</i> , <i>Polydora</i>              | P754  | <i>foeniculaceus</i> , <i>Dictyosiphon</i>    | ZR143 |
| <i>flava</i> , <i>Ratania</i>               | R2065 | <i>foetida</i> , <i>Aricia</i>                | P667  |
| <i>flava</i> , <i>Triticella</i>            | Y119  | <i>foetida</i> , <i>Orbinia</i>               | P667  |
| <i>flavescens</i> , <i>Echinocardium</i>    | ZB224 | <i>foetidissima</i> , <i>Polysiphonia</i>     | ZM666 |
| <i>flavescens</i> , <i>Gobiusculus</i>      | ZG470 | <i>foliacea</i> , <i>Argonotholca</i>         | HA6   |
| <i>flavicornis</i> , <i>Lucicutia</i>       | R258  | <i>foliacea</i> , <i>Flustra</i>              | Y187  |
| <i>flavida</i> , <i>Nemertopsis</i>         | G105  | <i>foliacea</i> , <i>Pentapora</i>            | Y418  |
| <i>flavida</i> , <i>Nemertopsis</i>         | G125  | <i>foliata</i> , <i>Clathria</i>              | C1132 |
| <i>flavida</i> , <i>Tetrastemma</i>         | G125  | <i>foliata</i> , <i>Cuthona</i>               | W1436 |
| <i>flavidum</i> , <i>Nemertopsis</i>        | G125  | <i>foliata</i> , <i>Ectyodoryx</i>            | C1033 |



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|--|-------|--|-------|
| <i>foliata</i> , <i>Halichondria</i>         | C1132 | fragilis, Doto                             | W1277 |
| foliatum, Heterolepidoderma                  | HB165 | fragilis, Dysidea                          | C1670 |
| <i>foliifera</i> , <i>Gracilaria</i>         | ZM434 | fragilis, Forcepia                         | C1045 |
| Folinella                                    | W943  | fragilis, Gastrana                         | W2035 |
| foliosa, Euphosine                           | P528  | fragilis, Harmothoe                        | P59   |
| foliosa, Hypereteone                         | P124  | fragilis, Lissodendoryx                    | C1068 |
| <i>foliosa</i> , <i>Nerine</i>               | P781  | fragilis, Loxoconcha                       | R2617 |
| foliosa, Scolelepis                          | P781  | fragilis, Lumbrineris                      | P577  |
| foliosum, Notophyllum                        | P174  | fragilis, Lysippides                       | P1155 |
| folium, Planocera                            | F92   | fragilis, Malacopsyllus                    | R1376 |
| fons, Haloptilus                             | R193  | fragilis, Mediomastus                      | P919  |
| <i>Football-fish</i> , <i>Atlantic</i>       | ZG100 | fragilis, Microphthalmus                   | P330  |
| forbesi, Enalcyonium                         | R2048 | fragilis, Noerrevangia                     | W882  |
| forbesii, Loligo                             | W2337 | <i>fragilis</i> , <i>Ophiothrix</i>        | B20   |
| forbesii, Pagurus                            | S1461 | fragilis, Ophiothrix                       | ZB124 |
| forbesii, Traxisia                           | P1007 | <i>fragilis</i> , <i>Pinna</i>             | W1733 |
| Forcepia                                     | C1041 | fragilis, Rugulina                         | W207  |
| <i>forceps</i> , <i>Halichondria</i>         | C1044 | <i>fragilis</i> , <i>Scalissetosus</i>     | P32   |
| forcipatus, Pseudotanaia                     | S1162 | <i>fragilis</i> , <i>Spongelia</i>         | C1670 |
| forcipatus, Tetrathyrus                      | S782  | fragilis, Xanthocalanus                    | R565  |
| forcipis, Forcepia                           | C1044 | frassei, Priapion                          | S1049 |
| FORCIPULATIDA                                | ZB95  | <i>Franklin's Gull</i>                     | ZJ316 |
| forficata, Idomene                           | R1122 | <i>Fraser-Thompsoni</i> , <i>Harmothoe</i> | P60   |
| forficula, Lichomolgus                       | R1849 | fraserthomsoni, Harmothoe                  | P60   |
| <i>Fork-beard</i> , <i>Greater</i>           | ZG133 | Fratercula                                 | ZJ354 |
| formica, Paragnathia                         | S799  | <i>fraterna</i> , <i>Yoldiella</i>         | W1626 |
| formosa, Amblyosyllis                        | P375  | frauenfeldti, Xenodice                     | S635  |
| formosa, Anas                                | ZJ100 | freemani, Agnathaner                       | R681  |
| formosa, Hero                                | W1413 | Fregata                                    | ZJ52  |
| formosa, Heteromysis                         | S92   | Fregatidae                                 | ZJ51  |
| <i>formosa</i> , <i>Pterosyllis</i>          | P375  | FRENULATEA                                 | M2    |
| formosa, Turbonilla                          | W986  | frequens, Pontocypris                      | R2705 |
| formosa, Vanadis                             | P214  | fretensis, Caprella                        | S645  |
| formosum, Calliostoma                        | W181  | frici, Paranais                            | P1419 |
| fornicata, Crepidula                         | W439  | friderici, Sagitta                         | L17   |
| forskalea, Aequorea                          | D356  | Fridericia                                 | P1516 |
| forskali, Holothuria                         | ZB244 | <i>frielei</i> , <i>Balcis</i>             | W638  |
| Forskalia                                    | D77   | frielei, Melanella                         | W638  |
| forskalii, Telmatactis                       | D727  | Frieleidae                                 | X18   |
| Forskaliidae                                 | D76   | friesii, Lesueurigobius                    | ZG475 |
| forsmani, Jaera                              | S886  | <i>Fries's Goby</i>                        | ZG475 |
| forsteri, Sterna                             | ZJ341 | <i>Frigate Mackerel</i>                    | ZG500 |
| <i>Forster's Tern</i>                        | ZJ341 | <i>Frigate Petrel</i>                      | ZJ49  |
| <i>fortis</i> , <i>Stryphnus</i>             | C216  | <i>Frigate-bird</i> , <i>Magnificent</i>   | ZJ53  |
| <i>fougerouxii</i> , <i>Bopyrus</i>          | S1002 | frigida, Farrania                          | R421  |
| <i>Four-bearded Rockling</i>                 | ZG140 | <i>frigida</i> , <i>Portlandia</i>         | W1620 |
| <i>Four-spot Megrim</i>                      | ZG548 | <i>frigida</i> , <i>Yoldia</i>             | W1620 |
| Foviella                                     | F16   | frigida, Yoldiella                         | W1620 |
| fowleri, Eukrohnia                           | L3    | <i>frigidus</i> , <i>Drepanopsis</i>       | R421  |
| fowleri, Lensia                              | D109  | <i>Frilled Shark</i>                       | ZF10  |
| <i>Fox Shark</i>                             | ZF22  | Fritillaria                                | ZD171 |
| foxi, Laophonte                              | R1709 | Fritillaridae                              | ZD170 |
| <i>foxi</i> , <i>Laophonte</i>               | R1720 | <i>Frogfish</i> , <i>Big-eye</i>           | ZG103 |
| foxtoni, Cyclosalpa                          | ZD191 | frondosa, Cucumaria                        | ZB268 |
| fozensis, Tetrastemma                        | G126  | frondosus, Dendronotus                     | W1267 |
| <i>fozensis</i> , <i>Tetrastemma</i>         | G126  | frontalis, Anilocra                        | S826  |
| fragacea, Actinia                            | D676  | frontalis, Lophothrix                      | R587  |
| <i>fragile</i> , <i>Chrysopetalum</i>        | P8    | frontalis, Sphaeronella                    | R2158 |
| fragile, Codium                              | ZS249 | frontifilis, Acrocirrus                    | P888  |
| fragile, Pneophyllum                         | ZM265 | <i>Frostfish</i>                           | ZG493 |
| <i>fragile tomentosoides</i> , <i>Codium</i> | ZS249 | frutescens, Polyplumaria                   | D472  |
| fragilis, Atrina                             | W1733 | fruticosa, Dendrobeania                    | Y253  |
| fragilis, Brisaster                          | ZB216 | <i>fruticosa</i> , <i>Lafoea</i>           | D386  |
| fragilis, Bulbus                             | W496  | fruticosum, Desmacidon                     | C806  |
| <i>fragilis</i> , <i>Campanularia</i>        | D516  | fruticulosa, Boergesenella                 | ZM623 |
| fragilis, Circeis armoricana                 | P1367 | <i>fruticulosa</i> , <i>Polysiphonia</i>   | ZM623 |

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| Fucaceae                                     | ZR373       | furcifer, Corycaeus                     | R1996        |
| FUCALES                                      | ZR360       | furcifer, Hippomolgus                   | R1926        |
| fucata, Neanthes                             | P469        | furcifer, Lophaster                     | ZB77         |
| <i>fucata</i> , <i>Nereis</i>                | <i>P469</i> | furcifera, Exogone                      | P420         |
| fucescens, Pirakia                           | P184        | furciger, Phyllopodopsyllus             | R1442        |
| <i>fucicola</i> , <i>Amphithoe</i>           | <i>S514</i> | furcigera, Canuella                     | R797         |
| fucicola, Elachista                          | ZR87        | furcillatus, Lichomolgus                | R1850        |
| fucicola, Gammarella                         | S514        | furcosetosa, Harmothoe                  | P61          |
| fucicola, Hydractinia                        | D274        | <i>furcosetosa</i> , <i>Malmgrenia</i>  | <i>P61</i>   |
| <i>fucicola</i> , <i>Pherusa</i>             | <i>S514</i> | furfuracea, Prasiola                    | ZS29         |
| fucicola, Pseudopringsheimia                 | ZS117       | <i>furtiva</i> , <i>Chlamys</i>         | <i>W1785</i> |
| fucicolum, Macrochiron                       | R1810       | <i>furtivum</i> , <i>Palliolium</i>     | <i>W1785</i> |
| fucoides, Polysiphonia                       | ZM667       | <i>fusca</i> , <i>Euspira</i>           | <i>W489</i>  |
| <i>fucorum</i> , <i>Amphilectus</i>          | <i>C758</i> | <i>fusca</i> , <i>Lunatia</i>           | <i>W489</i>  |
| fucorum, Esperioopsis                        | C758        | fusca, Melanitta                        | ZJ138        |
| Fucus  | ZR376       | <i>fusca</i> , <i>Natica</i>            | <i>W489</i>  |
| <i>fugac</i> , <i>Terpios</i>                | <i>C429</i> | <i>fusca</i> , <i>Onchidoris</i>        | <i>W1322</i> |
| fugax, Terpios                               | C429        | fusca, Pseudobradya                     | R907         |
| fulgens, Didemnum                            | ZD52        | fusca, Selaginopsis                     | D426         |
| fulgens, Enterocola                          | R742        | fusca, Sphacelaria                      | ZR292        |
| fulgens, Paraonis                            | P704        | Fuscapex                                | W620         |
| fulgens, Rhynchonereella                     | P207        | fuscata, Sterna                         | ZJ342        |
| <i>fulgida</i> , <i>Cingulopsis</i>          | <i>W318</i> | <i>fuscescens</i> , <i>Eulalia</i>      | <i>P184</i>  |
| <i>fulgida</i> , <i>Coriandria</i>           | <i>W318</i> | Fuscoscala                              | W552         |
| fulgida, Eatonina                            | W318        | fuscum, Polysigma                       | HD370        |
| fulgurans, Odontosyllis                      | P387        | fuscus, Adoncholaimus                   | HD105        |
| Fulica                                       | ZJ168       | fuscus, Cerebratulus                    | G41          |
| fulicarius, Phalaropus                       | ZJ272       | fuscus, Larus                           | ZJ307        |
| <i>fuliginosa</i> , <i>Malacoceros</i>       | <i>B31</i>  | fuscus, Polinices                       | W489         |
| <i>fuliginosa</i> , <i>Scololepis</i>        | <i>P737</i> | fusicollis, Calidris                    | ZJ237        |
| fuliginosus, Malacoceros                     | P737        | <i>fusiformis</i> , <i>Danielssenia</i> | <i>R1590</i> |
| fuligula, Aythya                             | ZJ117       | <i>fusiformis</i> , <i>Jonesiella</i>   | R1594        |
| fullonica, Raja                              | ZF90        | <i>fusiformis</i> , <i>Oikopleura</i>   | ZD165        |
| <i>Fulmar</i>                                | <i>ZJ30</i> | <i>fusiformis</i> , <i>Owenia</i>       | P1098        |
| <i>Fulmar</i> , <i>Northern</i>              | <i>ZJ30</i> | <i>fusiformis</i> , <i>Salpa</i>        | ZD195        |
| Fulmarus                                     | ZJ29        | <i>fusiformis</i> , <i>Sertularella</i> | <i>D428</i>  |
| <i>fultoni</i> , <i>Metaphoxus</i>           | <i>S265</i> | <i>fusiformis</i> , <i>Siphonorbis</i>  | <i>W735</i>  |
| fultoni, Stephos                             | R515        | fusigera, Sige                          | P191         |
| Fultonia                                     | R1650       | fuscus, Nannolaimus                     | HD278        |
| <i>fultonifultoni</i> , <i>Phoxocephalus</i> | <i>S265</i> | fuscus, Thyone                          | ZB262        |
| fulva, Bugula                                | Y244        | <i>fuscus</i> , <i>Thyone</i>           | <i>ZB265</i> |
| fulva, Iothia                                | W239        | fyllae, Raja                            | ZF91         |
| <i>fulva</i> , <i>Lepeta</i>                 | <i>W239</i> |   |              |
| fulva, Microcytherura                        | R2546       |   |              |
| fulva, Pluvialis                             | ZJ218       |   |              |
| fulvescens, Capsosiphon                      | ZS148       |   |              |
| <i>fulvocincta</i> , <i>Turbonilla</i>       | <i>W985</i> |   |              |
| fulvofasciata, Paramphiascella               | R1200       |   |              |
| fumigata, Phallusia                          | ZD94        |   |              |
| funchalensis, Lumbrineris                    | P578        |   |              |
| funeraria, Octocanna                         | D362        |   |              |
| funerarium, Rhopalonema                      | D565        |   |              |
| <i>fungiformis</i> , <i>Loxosomella</i>      | <i>K17</i>  |   |              |
| Funiculina                                   | D614        |   |              |
| Funiculinidae                                | D613        |   |              |
| furcata, Bradya                              | R827        |   |              |
| furcata, Pseudameira                         | R1347       |   |              |
| furcata, Tisbe                               | R994        |   |              |
| furcatum, Daptonema                          | HD510       |   |              |
| furcatus, Cirrophorus                        | P691        |   |              |
| furcatus, Heteranthesius                     | R1837       |   |              |
| Furcellaria                                  | ZM336       |   |              |
| Furcellariaceae                              | ZM335       |   |              |
| furcellata, Polysiphonia                     | ZM668       |   |              |
| furcellata, Scinaia                          | ZM129       |   |              |
| furcellatum, Anotrichium                     | ZM488       |   |              |
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|  |             | <i>gadeana</i> , <i>Thyone</i>          | <b>ZB265</b> |
|  |             | Gadiculus                               | ZG113        |
|  |             | Gadidae                                 | ZG105        |
|  |             | GADIFORMES                              | ZG104        |
|  |             | Gadila                                  | W1552        |
|  |             | GADILIDA                                | W1530        |
|  |             | Gadilidae                               | W1551        |
|  |             | gaditanum, Ceramium                     | ZM518        |
|  |             | Gadus                                   | ZG115        |
|  |             | <i>Gadwall</i>                          | <i>ZJ105</i> |
|  |             | Gaetanus                                | R461         |
|  |             | Gafrariinae                             | W2092        |
|  |             | Gaidius                                 | R470         |
|  |             | Gaidropsarus                            | ZG117        |
|  |             | gaimardii, Byblis                       | S445         |
|  |             | gaimardii, Eualus                       | S1343        |
|  |             | Gairleanema                             | HD159        |
|  |             | gajolae, Dasybranchus                   | P915         |
|  |             | Galactella                              | W1675        |
|  |             | Galathea                                | S1470        |
|  |             | galathea, Pleurocrypta                  | S1011        |
|  |             | galathea, Triangulus                    | R114         |

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| Galatheascus                              | R93          | Gastrochaena                            | W2160       |
| Galatheidae                               | S1469        | GASTROCHAENACEA                         | W2158       |
| GALATHEOIDEA                              | S1468        | Gastrochaenidae                         | W2159       |
| Galathowenia                              | P1093        | Gastroclonium                           | ZM450       |
| Galaxauraceae                             | ZM126        | Gastrodelphyidae                        | R1871       |
| galba, Hyperia                            | S730         | Gastrodelphys                           | R1872       |
| <i>galeata</i> , <i>Chromadorella</i>     | <i>HD186</i> | GASTROPODA                              | W88         |
| galei, Lernaepoda                         | R2348        | Gastropodidae                           | HA46        |
| Galeodea                                  | W502         | Gastrosaccinae                          | S39         |
| Galeodina                                 | W349         | Gastrosaccus                            | S40         |
| Galeomma                                  | W1868        | GASTROTRICHA                            | HB1         |
| GALEOMMATACEA                             | W1866        | gattorugine, Parablennius               | ZG414       |
| Galeommatidae                             | W1867        | gattyae, Puellina                       | Y320        |
| Galeorhinus                               | ZF34         | Gattyana                                | P47         |
| galericulata, Aix                         | ZJ91         | gaudichaudi, Hipponoa                   | P516        |
| galerita, Coryphoblennius                 | ZG410        | gaudichaudi, Sertularella               | D428        |
| Galeus                                    | ZF25         | <i>gaudichaudii</i> , <i>Themisto</i>   | <i>S741</i> |
| galeus, Galeorhinus                       | ZF35         | gaulica, Euchromadora                   | HD212       |
| Galiteuthis                               | W2385        | gausapata, Phellia                      | D724        |
| gallanachmorae, Belbolla                  | HD137        | gaussi, Mimonectes                      | S680        |
| gallasii, Amage                           | P1131        | gautieri, Ellisina                      | Y226        |
| gallensis, Stenothoe                      | S212         | Gavia                                   | ZJ4         |
| <i>gallica</i> , <i>Bubaris</i>           | <i>C605</i>  | Gaviidae                                | ZJ3         |
| gallica, Cirolana                         | S846         | GAVIIFORMES                             | ZJ2         |
| <i>gallicana</i> , <i>Hiatella</i>        | <i>W2166</i> | gayi, Sertularella                      | D429        |
| gallicum, Aglaothamnion                   | ZM478        | <i>Gayralia</i>                         | ZS48        |
| gallienii, Leptosynapta                   | ZB295        | Geeopsis                                | R942        |
| gallina, Chamelea                         | W2098        | gegenbauri, Doliolum                    | ZD180       |
| Gallinago                                 | ZJ248        | gegenbauri, Eutima                      | D368        |
| gallinago, Gallinago                      | ZJ249        | gegenbauri, Thliptodon                  | W1237       |
| Gallinula                                 | ZJ171        | Geitodoris                              | W1382       |
| <i>Gallinule</i> , <i>Allen's</i>         | <i>ZJ174</i> | gelana, Metadesmolaimus                 | HD538       |
| <i>Gallinule</i> , <i>American Purple</i> | <i>ZJ175</i> | gelatinosa, Alentia                     | P34         |
| <i>Gallinule</i> , <i>Purple</i>          | <i>ZJ175</i> | <i>gelatinosa</i> , <i>Halosydna</i>    | <i>P34</i>  |
| galloprovincialis, Mytilus                | W1696        | gelatinosa, Hartlaubella                | D510        |
| Gammanema                                 | HD330        | <i>gelatinosa</i> , <i>Hymeniacidon</i> | <i>C429</i> |
| Gammarella                                | S513         | gelatinosa, Styela                      | ZD106       |
| Gammarellidae                             | S113         | gelatinosum, Alcyonidium                | Y77         |
| Gammarellus                               | S114         | <i>gelatinosum</i> , <i>Didemnum</i>    | <i>ZD53</i> |
| gammarellus, Orchestia                    | S234         | <i>gelatinosum</i> , <i>Didemnum</i>    | <i>ZD59</i> |
| Gammaridae                                | S464         | gelatinosus, Psyllocamptus minutus      | R1358       |
| GAMMARIDEA                                | S98          | gelatinosus, Psyllocamptus minutus      | R1358       |
| GAMMAROIDEA                               | S463         | Gelidiaceae                             | ZM155       |
| gammaroides, Ampithoe                     | S531         | GELIDIALES                              | ZM154       |
| Gammaropsis                               | S538         | Gelidiella                              | ZM162       |
| Gammarus                                  | S471         | Gelidium                                | ZM156       |
| gammarus, Homarus                         | S1400        | Gelochelidon                            | ZJ332       |
| <i>Gannet</i>                             | <i>ZJ61</i>  | <i>Gem anemone</i>                      | <i>D686</i> |
| <i>Gannet</i> , <i>Northern</i>           | <i>ZJ61</i>  | gemina, Lucicutia                       | R259        |
| Ganymedebdella                            | P1591        | Geminella                               | ZS56        |
| garciai, Ehlersia                         | P351         | <i>gemmaea</i> , <i>Bunodes</i>         | <i>D686</i> |
| <i>Garfish</i>                            | <i>ZG185</i> | <i>gemmaefera</i> , <i>Exogone</i>      | <i>P422</i> |
| <i>Garfish</i> , <i>Short-beaked</i>      | <i>ZG186</i> | gemmaefera, Sarsia                      | D183        |
| <i>Garganey</i>                           | <i>ZJ103</i> | Gemmosaccus                             | R96         |
| Gari                                      | W2044        | Gempylidae                              | ZG484       |
| gariene, Enhydrosoma                      | R1575        | genei, Larus                            | ZJ308       |
| <i>garstangi</i> , <i>Distaplia</i>       | <i>ZD13</i>  | genei, Lomanotus                        | W1257       |
| Garveia                                   | D264         | <i>Genetyllis</i>                       | <i>P168</i> |
| garzetta, Egretta                         | ZJ78         | geniculata, Acrochaete                  | ZS80        |
| gascognensis, Leptochiton                 | W55          | geniculata, Filicrisia                  | Y6          |
| gasterostei, Thersitina                   | R1793        | geniculata, Obelia                      | D520        |
| Gasterosteidae                            | ZG224        | <i>geniculatum</i> , <i>Halecium</i>    | <i>D392</i> |
| GASTEROSTEIFORMES                         | ZG223        | genitrix, Spongosorites                 | C682        |
| Gasterosteus                              | ZG225        | genovae, Cuthona                        | W1437       |
| gasteveni, Gobius                         | ZG466        | Geodia                                  | C223        |
| Gastrana                                  | W2034        | Geodiidae                               | C219        |

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|--|-------|--|-------|
| <i>geographica</i> , <i>Venerupis</i>        | W2124 | <i>gigantea</i> , <i>Ulva</i>                  | ZS178 |
| <i>geometra</i> , <i>Piscicola</i>           | P1608 | Gigantoporidae                                 | Y449  |
| <i>Geomonhystera</i>                         | HD500 | Gigartina                                      | ZM346 |
| <i>geophila</i> , <i>Dichromadora</i>        | HD229 | Gigartinaceae                                  | ZM340 |
| <i>Geoplana</i>                              | F46   | GIGARTINALES                                   | ZM295 |
| <i>Geoplanidae</i>                           | F45   | <i>gigas</i> , <i>Crassostrea</i>              | W1761 |
| <i>georgei</i> , <i>Inermidrilus</i>         | P1450 | <i>gigas</i> , <i>Dinophilus</i>               | P602  |
| <i>georgei</i> , <i>Phallodrilus</i>         | P1450 | <i>gigas</i> , <i>Dinophilus</i>               | P604  |
| <i>georgiensis</i> , <i>Lumbricillus</i>     | P1552 | <i>gigas</i> , <i>Epinephelus</i>              | ZG307 |
| <i>georgii</i> , <i>Rhodophysema</i>         | ZM179 | <i>gigas</i> , <i>Facelina</i>                 | W1470 |
| <i>Gephyrotes</i>                            | Y311  | <i>gigas</i> , <i>Scottopsyllus</i>            | R1429 |
| <i>gerbei</i> , <i>Sacculina</i>             | R123  | <i>gigas</i> , <i>Sipunculus</i>               | N9    |
| <i>gerlachi</i> , <i>Campylaimus</i>         | HD618 | <i>gigerium</i> , <i>Plesiothoa</i>            | Y335  |
| <i>gerlachi</i> , <i>Ophryotrocha</i>        | P616  | <i>gilsoni</i> , <i>Pseudocuma</i>             | S1235 |
| <i>gerlachi</i> , <i>Spirinia</i>            | HD350 | <i>gilsoni</i> , <i>Pseudocuma</i>             | S1236 |
| <i>Gerlachius</i>                            | HD478 | <i>Gilthead</i>                                | ZG361 |
| <i>germanica</i> , <i>Arenosetella</i>       | R822  | <i>Giraudia</i>                                | ZR145 |
| <i>germanica</i> , <i>Chromadorina</i>       | HD197 | <i>Giraudiaceae</i>                            | ZR144 |
| <i>germanica</i> , <i>Proales</i>            | HA34  | <i>giraulti</i> , <i>Sarsameira</i>            | R1362 |
| <i>germanicum</i> , <i>Cyartonema</i>        | HD459 | <i>gisleri</i> , <i>Lernanthropus</i>          | R2298 |
| <i>germo</i> , <i>Thunnus</i>                | ZG513 | <i>Gitana</i>                                  | S162  |
| <i>Gervais' Beaked Whale</i>                 | ZK56  | <i>Gitanopsis</i>                              | S165  |
| <i>Geryon</i>                                | S1600 | <i>glaber</i> , <i>Alpheus</i>                 | S1330 |
| <i>geryoncola</i> , <i>Ophryotrocha</i>      | P617  | <i>glaber</i> , <i>Pleusymtes</i>              | S148  |
| <i>Geryonidae</i>                            | D560  | <i>glaber</i> , <i>Strombiformis</i>           | W604  |
| <i>gewemuelleri</i> , <i>Sclerochilus</i>    | R2490 | <i>glabra</i> , <i>Campylaspis</i>             | S1217 |
| <i>Gianius</i>                               | P1448 | <i>glabra</i> , <i>Eulima</i>                  | W604  |
| <i>Giant Goby</i>                            | ZG463 | <i>glabra</i> , <i>Halichondria</i>            | C683  |
| <i>Giardella</i>                             | R1916 | <i>glabra</i> , <i>Harmothoe</i>               | P62   |
| <i>giardi</i> , <i>Bopyrina</i>              | S997  | <i>glabra</i> , <i>Hemiaclis</i>               | W632  |
| <i>giardi</i> , <i>Capitellides</i>          | P910  | <i>glabra</i> , <i>Pedicellina</i>             | K46   |
| <i>giardi</i> , <i>Capitomastus</i>          | P910  | <i>glabra</i> , <i>Spongosorites</i>           | C683  |
| <i>giardi</i> , <i>Polydora</i>              | P755  | <i>glabra</i> , <i>Viscosia</i>                | HD132 |
| <i>giardi</i> , <i>Scololepis</i>            | P739  | <i>glabra</i> , <i>Vogtia</i>                  | D97   |
| <i>giardi</i> , <i>Stoecharthrum</i>         | B33   | <i>glabrata</i> , <i>Odostomia</i>             | W912  |
| <i>gibba</i> , <i>Ampelisca</i>              | S431  | <i>glabrum</i> , <i>Aplidium</i>               | ZD36  |
| <i>gibba</i> , <i>Atagema</i>                | W1378 | <i>glabrum</i> , <i>Caecum</i>                 | W418  |
| <i>gibba</i> , <i>Corbula</i>                | W2157 | <i>glaciale</i> , <i>Buccinum</i>              | W708  |
| <i>gibba</i> , <i>Cytherura</i>              | R2539 | <i>glaciale</i> , <i>Lithothamnion</i>         | ZM237 |
| <i>gibba</i> , <i>Odontosyllis</i>           | P388  | <i>glacialis</i> , <i>Augaptilus</i>           | R160  |
| <i>gibba</i> , <i>Stenhelina</i>             | R1259 | <i>glacialis</i> , <i>Balaena</i>              | ZK73  |
| <i>gibber</i> , <i>Chaetozone</i>            | P833  | <i>glacialis</i> , <i>Cuspidaria</i>           | W2282 |
| <i>gibber</i> , <i>Pachypygus</i>            | R728  | <i>glacialis</i> , <i>Fulmarus</i>             | ZJ30  |
| <i>gibberum</i> , <i>Scottomyzon</i>         | R2096 | <i>glacialis</i> , <i>Heliometra</i>           | ZB17  |
| <i>gibbosa</i> , <i>Ancula</i>               | W1315 | <i>glacialis</i> , <i>Lacuna crassior</i> var. | W288  |
| <i>gibbosa</i> , <i>Asterina</i>             | ZB59  | <i>glacialis</i> , <i>Marthasterias</i>        | ZB104 |
| <i>gibbosa</i> , <i>Cythere</i>              | R2505 | <i>glacialis</i> , <i>Ophioscolex</i>          | ZB120 |
| <i>gibbosa</i> , <i>Mysidopsis</i>           | S67   | <i>glacialis</i> , <i>Pareuchaeta</i>          | R499  |
| <i>gibbosa</i> , <i>Tritaeta</i>             | S420  | <i>glacialis</i> , <i>Trichobranchus</i>       | P1177 |
| <i>gibbosa</i> , <i>Vibilia</i>              | S710  | <i>Glaciarcua</i>                              | X53   |
| <i>gibbosiceps</i> , <i>Suberites</i>        | C420  | <i>gladiosa</i> , <i>Abludomelita</i>          | S497  |
| <i>gibbosus</i> , <i>Monoculodes</i>         | S126  | <i>gladius</i> , <i>Xiphias</i>                | ZG527 |
| <i>gibbsi</i> , <i>Sacculina</i>             | R124  | <i>glandulifera</i> , <i>Loxosomella</i>       | K24   |
| <i>Gibbula</i>                               | W157  | <i>glandulifera</i> , <i>Marionina</i>         | P1566 |
| <i>gibbus</i> , <i>Copidognathus</i>         | Q98   | <i>glandulifera</i> , <i>Michaelsena</i>       | P1574 |
| <i>gibbus</i> , <i>Ergasilus</i>             | R1790 | <i>glandulifera</i> , <i>Microhedyle</i>       | W1105 |
| <i>gibbus</i> , <i>Euaugaptilus</i>          | R177  | <i>glandulifera</i> , <i>Stellaspina</i>       | W1105 |
| <i>giesbrechti</i> , <i>Arietellus</i>       | R211  | <i>glandulosa</i> , <i>Cognettia</i>           | P1507 |
| <i>giesbrechti</i> , <i>Corycaeus</i>        | R1997 | <i>glandulosa</i> , <i>Microcladia</i>         | ZM543 |
| <i>giesbrechti</i> , <i>Euaetideus</i>       | R452  | <i>Glareola</i>                                | ZJ198 |
| <i>giesbrechti</i> , <i>Harpacticus</i>      | R958  | <i>glareola</i> , <i>Tringa</i>                | ZJ283 |
| <i>giesbrechti</i> , <i>Paramphiascopsis</i> | R1206 | <i>Glareolidae</i>                             | ZJ195 |
| <i>giesbrechti</i> , <i>Pseudocyclopia</i>   | R534  | <i>glauca</i> , <i>Aeolidiella</i>             | W1487 |
| <i>giesbrechti</i> , <i>Stenhelina</i>       | R1264 | <i>glauca</i> , <i>Leptonereis</i>             | P487  |
| <i>gigantea</i> , <i>Euandania</i>           | S366  | <i>glauca</i> , <i>Mactra</i>                  | W1971 |
| <i>gigantea</i> , <i>Glycera</i>             | P259  | <i>glauca</i> , <i>Margarites</i>              | W151  |

|                              |       |                                |       |
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| glauca, Prionace             | ZF41  | Gnathostomulidae               | IA20  |
| <i>glauca</i> , Prionace     | ZG326 | gnomon, Cryptopora             | X14   |
| glauca, Websterinereis       | P487  | Gobiesocidae                   | ZG82  |
| glaucoides, Calma            | W1461 | GOBIESOCIFORMES                | ZG81  |
| glaucoides, Larus            | ZJ309 | Gobiidae                       | ZG455 |
| glaucopis, Rossia            | W2312 | Gobius                         | ZG462 |
| <i>Glaucous Gull</i>         | ZJ310 | Gobiusculus                    | ZG469 |
| <i>glaucum</i> , Cardium     | W1962 | Gobraeus                       | W2045 |
| glaucum, Cerastoderma        | W1962 | <i>Goby, Black</i>             | ZG467 |
| glaucus, Diplocirrus         | P878  | <i>Goby, Common</i>            | ZG478 |
| glaycos, Campogramma         | ZG329 | <i>Goby, Couch's</i>           | ZG464 |
| glebifex, Maldane            | P949  | <i>Goby, Crystal</i>           | ZG461 |
| glemareci, Pseudolaophonte   | R1742 | <i>Goby, Diminutive</i>        | ZG473 |
| glesne, Regalecus            | ZG219 | <i>Goby, Fries's</i>           | ZG475 |
| Globicephala                 | ZK38  | <i>Goby, Giant</i>             | ZG463 |
| globiceps, Desmosoma         | S923  | <i>Goby, Guillet's</i>         | ZG472 |
| <i>globicipitis</i> , Cyamus | S670  | <i>Goby, Jeffrey's</i>         | ZG459 |
| globicipitis, Xenobalanus    | R58   | <i>Goby, Leopard-spotted</i>   | ZG483 |
| globifera, Feldmannia        | ZR23  | <i>Goby, Lozano's</i>          | ZG477 |
| globifera, Nausithoe         | D24   | <i>Goby, Norway</i>            | ZG480 |
| globosa, Albionella          | R2327 | <i>Goby, Painted</i>           | ZG481 |
| <i>globosa</i> , Cypridina   | R2421 | <i>Goby, Red-mouth</i>         | ZG465 |
| <i>globosa</i> , Diaphana    | W1059 | <i>Goby, Rock</i>              | ZG468 |
| <i>globosa</i> , Elachista   | ZR87  | <i>Goby, Sand</i>              | ZG479 |
| globosa, Haplospora          | ZR277 | <i>Goby, Steven's</i>          | ZG466 |
| globosa, Janthina            | W584  | <i>Goby, Transparent</i>       | ZG457 |
| globosum, Microspongium      | ZR115 | <i>Goby, Two-spotted</i>       | ZG470 |
| <i>globosus</i> , Cypridina  | R2421 | <i>Godwit, Bar-tailed</i>      | ZJ260 |
| <i>globularis</i> , Cingula  | W355  | <i>Godwit, Black-tailed</i>    | ZJ261 |
| globularis, Gunenotophorus   | R703  | <i>Godwit, Hudsonian</i>       | ZJ259 |
| <i>globularis</i> , Putilla  | W355  | goesi, Ampharete               | P1137 |
| globularis, Rissoella        | W893  | <i>goesi</i> , Glycera         | P263  |
| globulina, Cladophora        | ZS202 | goesi, Melphidippa             | S491  |
| globulosa, Elachista         | ZR87  | goesii, Nannonyx               | S311  |
| globulus, Boreocingula       | W355  | <i>Golden Mullet</i>           | ZG382 |
| <i>globulus</i> , Cingula    | W355  | <i>Golden Plover</i>           | ZJ216 |
| <i>globulus</i> , Putilla    | W355  | <i>Golden Plover, American</i> | ZJ217 |
| Gloiosiphonia                | ZM351 | <i>Golden Plover, European</i> | ZJ216 |
| Gloiosiphoniaceae            | ZM348 | <i>Golden Plover, Pacific</i>  | ZJ218 |
| glomeratum, Alcyonium        | D598  | <i>Goldeneye</i>               | ZJ127 |
| glomeratum, Eudendrium       | D223  | <i>Goldeneye, Barrow's</i>     | ZJ128 |
| GLOSSACEA                    | W2078 | <i>Goldeneye, Common</i>       | ZJ127 |
| Glossidae                    | W2079 | <i>Goldsinny</i>               | ZG397 |
| Glossobalanus                | ZC27  | Golfingia                      | N16   |
| Glossocephalus               | S775  | Golfingiidae                   | N11   |
| Glossus                      | W2080 | GOLFINGIIFORMES                | N10   |
| <i>Glossy Ibis</i>           | ZJ87  | Gomontia                       | ZS44  |
| glutinosa, Myxine            | ZE6   | Gomphopodarion                 | R2404 |
| Glycera                      | P255  | Gonactinia                     | D665  |
| Glyceridae                   | P254  | Gonactiniidae                  | D664  |
| GLYCEROIDEA                  | P253  | Gonatidae                      | W2348 |
| Glycinde                     | P267  | Gonatus                        | W2349 |
| Glycymerididae               | W1686 | Goneplacidae                   | S1603 |
| Glycymeris                   | W1687 | Goneplacinae                   | S1604 |
| glycymeris, Glycymeris       | W1688 | Goneplax                       | S1605 |
| Glyphanostomum               | P1150 | Gongrosira                     | ZS257 |
| Glyphohesione                | P339  | Gongrosirella                  | ZS259 |
| Glyptocephalus               | ZG565 | Goniada                        | P269  |
| <i>gmelinii</i> , Polyneura  | ZM600 | Goniadella                     | P274  |
| Gnathia                      | S793  | Goniadidae                     | P266  |
| Gnathiidae                   | S792  | Goniasteridae                  | ZB45  |
| GNATHIIDEA                   | S791  | Gonimocolax                    | ZM601 |
| Gnathostomaria               | IA18  | Gonimophyllum                  | ZM603 |
| Gnathostomariidae            | IA17  | Goniodorididae                 | W1299 |
| Gnathostomula                | IA21  | Goniodoris                     | W1300 |
| GNATHOSTOMULIDA              | IA1   | Gonionchus                     | HD545 |

|                                     |       |                                       |       |
|-------------------------------------|-------|---------------------------------------|-------|
| Gonionemus                          | D529  | gracilis, Aora                        | S579  |
| Goniotrichaceae                     | ZM5   | gracilis, <i>Ascopodaria</i>          | K53   |
| Goniotrichopsis                     | ZM10  | gracilis, <i>Balcis distorta</i> var. | W659  |
| gonocephala, Dugesia                | F20   | gracilis, <i>Barentsia</i>            | K51   |
| Gononema                            | ZR29  | gracilis, <i>Barentsia</i>            | K53   |
| Gonophysema                         | R2410 | gracilis, <i>Barentsia</i>            | K54   |
| gonoplaxae, Sacculina               | R125  | gracilis, <i>Bathyporeia</i>          | S453  |
| Gonothyraea                         | D507  | gracilis, <i>Bowerbankia</i>          | Y139  |
| Goodallia                           | W1928 | gracilis, <i>Calycella</i>            | D346  |
| goodsiri, Cumopsis                  | S1188 | gracilis, <i>Certhiella</i>           | W277  |
| goodsiri, Zaus                      | R972  | gracilis, <i>Chiridius</i>            | R446  |
| Goosander                           | ZJ145 | gracilis, <i>Clymene</i>              | P972  |
| Goose, <i>Barnacle</i>              | ZJ123 | gracilis, <i>Clytia</i>               | D502  |
| Goose, <i>Bean</i>                  | ZJ112 | gracilis, <i>Colus</i>                | W715  |
| Goose, <i>Brent</i>                 | ZJ121 | gracilis, <i>Comarmondia</i>          | W831  |
| Goose, <i>Canada</i>                | ZJ122 | gracilis, <i>Coryphella</i>           | W1418 |
| Goose, <i>Egyptian</i>              | ZJ93  | gracilis, <i>Cubiceps</i>             | ZG537 |
| Goose, <i>Greater White-fronted</i> | ZJ107 | gracilis, <i>Cyamus</i>               | S667  |
| Goose, <i>Greylag</i>               | ZJ108 | gracilis, <i>Cyatholaimus</i>         | HD297 |
| Goose, <i>Lesser White-fronted</i>  | ZJ111 | gracilis, <i>Cyclopina</i>            | R639  |
| Goose, <i>Pink-footed</i>           | ZJ109 | gracilis, <i>Dendrodasy</i>           | HB10  |
| Goose, <i>Red-breasted</i>          | ZJ124 | gracilis, <i>Ephesia</i>              | P291  |
| Goose, <i>Snow</i>                  | ZJ110 | gracilis, <i>Eulima</i>               | W659  |
| Goose, <i>White-fronted</i>         | ZJ107 | gracilis, <i>Eulima distorta</i> var. | W659  |
| gorbuscha, <i>Oncorhynchus</i>      | ZG47  | gracilis, <i>Eulima philippi</i> var. | W659  |
| GORDIACES                           | HE2   | gracilis, <i>Eulimella</i>            | W994  |
| gordoni, <i>Caridion</i>            | S1338 | gracilis, <i>Eupelte</i>              | R1041 |
| gordoni, <i>Salmincola</i>          | R2365 | gracilis, <i>Eutima</i>               | D369  |
| GORGONACEA                          | D605  | gracilis, <i>Filigranula</i>          | P1353 |
| Gorgonocephalidae                   | ZB110 | gracilis, <i>Flabellina</i>           | W1418 |
| gorgonocephalum, <i>Epacanthion</i> | HD28  | ?gracilis, <i>Goniadella</i>          | P276  |
| Gorgonocephalus                     | ZB111 | gracilis, <i>Gracilaria</i>           | ZM433 |
| Gossea                              | D531  | gracilis, <i>Halalaimus</i>           | HD88  |
| gossei, <i>Aphroceras</i>           | C91   | gracilis, <i>Harpacticus</i>          | R959  |
| gossei, <i>Leucandra</i>            | C91   | gracilis, <i>Leptognathia</i>         | S1133 |
| gossei, <i>Leucogypsia</i>          | C91   | gracilis, <i>Leptomysis</i>           | S59   |
| gossei, <i>Leuconia</i>             | C91   | gracilis, <i>Levinsenia</i>           | P693  |
| gothiceps, <i>Halectinosoma</i>     | R863  | gracilis, <i>Lumbrineris</i>          | P579  |
| gouldi, <i>Thyasira</i>             | W1838 | gracilis, <i>Mimosella</i>            | Y115  |
| Gouldia                             | W2093 | gracilis, <i>Monstrillopsis</i>       | R2387 |
| gourbaultae, <i>Terschellingia</i>  | HD587 | gracilis, <i>Neocalanus</i>           | R368  |
| Gracilaria                          | ZM431 | gracilis, <i>Oncaea</i>               | R1886 |
| Gracilariaceae                      | ZM430 | gracilis, <i>Ophryotrocha</i>         | P618  |
| GRACILARIALES                       | ZM429 | gracilis, <i>Paralycaea</i>           | S767  |
| Gracilariopsis                      | ZM435 | gracilis, <i>Paraphronima</i>         | S726  |
| gracile, <i>Emplectonema</i>        | G102  | gracilis, <i>Pareuchaeta</i>          | R500  |
| gracile, <i>Halectinosoma</i>       | R864  | gracilis, <i>Phoronis</i>             | ZA4   |
| gracile, <i>Nerillidium</i>         | P1048 | gracilis, <i>Pilifera</i>             | R1737 |
| gracile, <i>Noodtiella</i>          | R896  | gracilis, <i>Plagiospora</i>          | ZM354 |
| gracile, <i>Nymphon</i>             | Q7    | gracilis, <i>Pleuromamma</i>          | R280  |
| gracilicauda, <i>Collocheres</i>    | R2085 | gracilis, <i>Polycarpa</i>            | ZD113 |
| gracilicauda, <i>Monstrilla</i>     | R2378 | gracilis, <i>Praxillella</i>          | P972  |
| gracilicauda, <i>Spiliphera</i>     | HD184 | gracilis, <i>Protodrilus</i>          | P1074 |
| gracilior, <i>Rhodine</i>           | P990  | gracilis, <i>Pseudameira</i>          | R1348 |
| gracilipes, <i>Arhodeoporus</i>     | Q90   | gracilis, <i>Pseudanthessius</i>      | R1866 |
| gracilipes, <i>Collocheres</i>      | R2086 | gracilis, <i>Pseudonychocamptus</i>   | R1737 |
| gracilipes, <i>Laophontodes</i>     | R1782 | gracilis, <i>Rhizothrix</i>           | R1624 |
| gracilis, <i>Acanthochitona</i>     | W86   | gracilis, <i>Sertularia</i>           | D445  |
| gracilis, <i>Acrothrix</i>          | ZR211 | gracilis, <i>Sicameira</i>            | R1370 |
| gracilis, <i>Akanthophoreus</i>     | S1138 | gracilis, <i>Sosane</i>               | P1147 |
| gracilis, <i>Amalothrix</i>         | R579  | gracilis, <i>Sphaerodorum</i>         | P291  |
| gracilis, <i>Amphitrite</i>         | P1185 | gracilis, <i>Sphaerolaimus</i>        | HD555 |
| gracilis, <i>Amphitritides</i>      | P1185 | gracilis, <i>Sphaeronectes</i>        | D128  |
| gracilis, <i>Anobothrus</i>         | P1136 | gracilis, <i>Splanchnotrophus</i>     | R2037 |
| gracilis, <i>Anobothrus</i>         | P1147 | gracilis, <i>Stenocaris</i>           | R1537 |
| gracilis, <i>Anthura</i>            | S803  | gracilis, <i>Syllis</i>               | P360  |

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|--|-------|--|-------|
| <i>gracilis</i> , Tisbe                    | R995  | <i>Great Black-backed Gull</i>               | ZJ312 |
| <i>gracilis</i> , Tryploidus               | HD162 | <i>Great Black-headed Gull</i>               | ZJ311 |
| <i>gracilis</i> , <i>Turbonilla</i>        | W981  | <i>Great Cormorant</i>                       | ZJ58  |
| <i>gracilis</i> , Typhlamphiascus          | R1276 | <i>Great crested Grebe</i>                   | ZJ13  |
| <i>gracilis</i> , Urnatella                | K59   | <i>Great Egret</i>                           | ZJ77  |
| <i>Graciliturbonilla</i>                   | W980  | <i>Great Knot</i>                            | ZJ247 |
| <i>gracillima</i> , Bowerbankia            | Y140  | <i>Great Northern Diver</i>                  | ZJ7   |
| <i>gracillima</i> , <i>Lafoea</i>          | D386  | <i>Great Shearwater</i>                      | ZJ35  |
| <i>gracillimum</i> , Compsothamnion        | ZM528 | <i>Great Skua</i>                            | ZJ299 |
| <i>graciloides trisetosus</i> , Amphiascus | R1166 | <i>Great Snipe</i>                           | ZJ250 |
| <i>graciloides</i> , Amphiascus            | R1165 | <i>Great White Egret</i>                     | ZJ77  |
| <i>graciloides</i> , Tanaopsis             | S1142 | <i>Greater Fork-beard</i>                    | ZG133 |
| <i>graciloides</i> , Tisbe                 | R996  | <i>Greater Lantern-shark</i>                 | ZF59  |
| <i>gradalis</i> , <i>Clathria</i>          | C1196 | <i>Greater Pipefish</i>                      | ZG245 |
| <i>gradalis</i> , Microcionia              | C1196 | <i>Greater Sand Plover</i>                   | ZJ208 |
| <i>graeca</i> , Diodora                    | W116  | <i>Greater Sand-eel</i>                      | ZG449 |
| <i>graefei</i> , Marionina                 | P1567 | <i>Greater Scaup</i>                         | ZJ118 |
| <i>graffii</i> , Proclea                   | P1221 | <i>Greater Weever</i>                        | ZG403 |
| <i>Grammaria</i>                           | D383  | <i>Greater White-fronted Goose</i>           | ZJ107 |
| <i>Grampus</i>                             | ZK36  | <i>Greater Yellowlegs</i>                    | ZJ284 |
| <i>grandiculum</i> , Heterolepidoderma     | HB166 | <i>Grebe, Black-necked</i>                   | ZJ15  |
| <i>grandimandibularis</i> , Hastigerella   | R883  | <i>Grebe, Great crested</i>                  | ZJ13  |
| <i>grandimanus</i> , Tegastes              | R1057 | <i>Grebe, Little</i>                         | ZJ19  |
| <i>grandis</i> , <i>Cuspidella</i>         | D317  | <i>Grebe, Pied-billed</i>                    | ZJ17  |
| <i>grandis</i> , Lucicutia                 | R260  | <i>Grebe, Red-necked</i>                     | ZJ14  |
| <i>grandis</i> , Monstrilla                | R2379 | <i>Grebe, Slavonian</i>                      | ZJ12  |
| <i>grandis</i> , <i>Thyasira</i>           | W1860 | <i>Green Heron</i>                           | ZJ75  |
| <i>grani</i> , Acartia                     | R344  | <i>Green Sandpiper</i>                       | ZJ286 |
| <i>Grania</i>                              | P1524 | <i>Green Turtle</i>                          | ZI6   |
| <i>granifera</i> , <i>Corallina</i>        | ZM210 | <i>Green-backed Heron</i>                    | ZJ75  |
| <i>graniferum</i> , Haplopoma              | Y488  | <i>greeni</i> , Talacalanus                  | R560  |
| <i>granii</i> , Lithothamnion              | ZM237 | <i>Greenland Halibut</i>                     | ZG580 |
| <i>granii</i> , <i>Lithothamnion</i>       | ZM237 | <i>Greenland Shark</i>                       | ZF64  |
| <i>granosa</i> , Rhopalura                 | B19   | <i>greenlandica</i> , <i>Arctinula</i>       | W1797 |
| <i>Grantia</i>                             | C76   | <i>greenlandicum</i> , Epitonium             | W547  |
| <i>Grantiidae</i>                          | C66   | <i>greenlandicum</i> , <i>Palliolum</i>      | W1797 |
| <i>granularis</i> , Ceramaster             | ZB47  | <i>greenlandicus</i> , Cyclopecten           | W1797 |
| <i>granularis</i> , Sphaerechinus          | ZB208 | <i>greenlandicus</i> , <i>Delectopecten</i>  | W1797 |
| <i>granulata</i> , Cistenides              | P1104 | <i>greenlandicus</i> , <i>Pecten</i>         | W1797 |
| <i>granulata</i> , Jugaria                 | P1377 | <i>Greenshank</i>                            | ZJ285 |
| <i>granulata</i> , Loxoconcha              | R2618 | <i>Greenshank, Common</i>                    | ZJ285 |
| <i>granulata</i> , <i>Pileolaria</i>       | P1377 | <i>gregaria</i> , Chettusia                  | ZJ213 |
| <i>granulata</i> , Poromya                 | W2257 | <i>gregaria</i> , Proboloides                | S206  |
| <i>granulatum</i> , Calliostoma            | W185  | <i>Greilada</i>                              | W1351 |
| <i>granulatum</i> , Callithamnion          | ZM503 | <i>grevillei</i> , Monostroma                | ZS49  |
| <i>granulatum</i> , <i>Callithamnion</i>   | ZM504 | <i>Grey Gurnard</i>                          | ZG265 |
| <i>granulatum</i> , Cymodoce               | S862  | <i>Grey Heron</i>                            | ZJ65  |
| <i>granulatum</i> , Phascolosoma           | N43   | <i>Grey Mullet, Flathead</i>                 | ZG385 |
| <i>granulatus</i> , Copidognathus          | Q99   | <i>grey mullet, Thin-lipped</i>              | ZG383 |
| <i>granulatus</i> , Cymonomus              | S1495 | <i>Grey Phalarope</i>                        | ZJ272 |
| <i>granulatus</i> , Polycheles             | S1426 | <i>Grey Plover</i>                           | ZJ219 |
| <i>granulopigmentata</i> , Chromadorina    | HD198 | <i>Grey Seal</i>                             | ZK15  |
| <i>granulosa</i> , Corina                  | R1903 | <i>Grey Trigger-fish</i>                     | ZG598 |
| <i>granulosa</i> , Ebalia                  | S1506 | <i>Greylag Goose</i>                         | ZJ108 |
| <i>granulosa</i> , Hincksia                | ZR38  | <i>Grey-tailed Tattler</i>                   | ZJ252 |
| <i>granulosa</i> , Idotea                  | S938  | <i>griegi</i> , Amphiuira                    | ZB155 |
| <i>Graphis</i>                             | W596  | <i>Griffithsia</i>                           | ZM532 |
| <i>Graphonema</i>                          | HD215 | <i>griffithsiae</i> , <i>Gymnogongrus</i>    | ZM402 |
| <i>Grapsidae</i>                           | S1622 | <i>griffithsiana</i> , <i>Sauvageaugloia</i> | ZR231 |
| GRAPSIDOIDEA                               | S1621 | <i>griffithsianus</i> , <i>Stictyosiphon</i> | ZR203 |
| <i>Grapsinae</i>                           | S1623 | <i>griffithsii</i> , <i>Raphyrus</i>         | C480  |
| <i>Grateloupia</i>                         | ZM289 | <i>grimaldii</i> , <i>Aeginura</i>           | D546  |
| <i>gravata</i> , <i>Syncoryne</i>          | D184  | <i>grimaldii</i> , <i>Eurydice</i>           | S852  |
| <i>gravis</i> , Puffinus                   | ZJ35  | <i>grimaldii</i> , <i>Hemirhabdus</i>        | R235  |
| <i>grayana</i> , <i>Assimineia</i>         | W402  | <i>grimaldii</i> , <i>Hyale</i>              | S223  |
| <i>grayi</i> , <i>Neoamphitrite</i>        | P1207 | <i>grimaldii</i> , <i>Limnocalanus</i>       | R296  |

|                                  |       |                                  |                    |
|----------------------------------|-------|----------------------------------|--------------------|
| grimpei, Synchaeta               | HA81  | <i>Gull, Mew</i>                 | ZJ304 <i>Gull,</i> |
| grisea, Erythrocladia            | ZM29  | <i>Mew</i>                       | ZJ305              |
| grisegena, Podiceps              | ZJ14  | <i>Gull, Pallas's</i>            | ZJ311              |
| griseus, Grampus                 | ZK37  | <i>Gull, Ring-billed</i>         | ZJ306              |
| griseus, Hexanchus               | ZF7   | <i>Gull, Ross's</i>              | ZJ322              |
| griseus, Limnodromus             | ZJ256 | <i>Gull, Sabine's</i>            | ZJ318              |
| griseus, Puffinus                | ZJ36  | <i>Gull, Slender-billed</i>      | ZJ308              |
| groenlandica, Anaitides          | P141  | <i>Gull-billed Tern</i>          | ZJ333              |
| groenlandica, Ancistrosyllis     | P338  | <i>gullmarensis, Gonophysema</i> | R2411              |
| <i>groenlandica, Chlamys</i>     | W1797 | <i>gulosus, Anonyx</i>           | S336               |
| groenlandica, Neoamphitrite      | P1208 | <i>gulsonae, Aclis</i>           | W595               |
| groenlandica, Phoca              | ZK11  | <i>gulsonae, Pherusina</i>       | W595               |
| <i>groenlandica, Phoca</i>       | ZK11  | Gunenotophorus                   | R702               |
| <i>groenlandica, Phyllodoce</i>  | P141  | gunnellus, Pholis                | ZG440              |
| groenlandica, Volutomitra        | W759  | <i>gunneri, Ampharete</i>        | P1143              |
| groenlandicus, Himantolophus     | ZG100 | <i>gunneri, Amphicteis</i>       | P1142              |
| <i>groenlandicus, Margarites</i> | W152  | <i>gunneri, Ptilota</i>          | ZM556              |
| grossa, Malacobdella             | G145  | <i>gunneri, Trophon</i>          | W676               |
| grossimana, Maera                | S516  | <i>Gurnard, Armed</i>            | ZG267              |
| grossimanus, Apseudes            | S1174 | <i>Gurnard, Flying</i>           | ZG301              |
| <i>grossipes, Corophium</i>      | S616  | <i>Gurnard, Grey</i>             | ZG265              |
| grossipes, Nymphon               | Q8    | <i>Gurnard, Long-finned</i>      | ZG263              |
| grossularia, Dendrodoa           | ZD120 | <i>Gurnard, Red</i>              | ZG262              |
| grubei, Ampharete                | P1138 | <i>Gurnard, Streaked</i>         | ZG272              |
| <i>grubei, Aricia</i>            | P668  | <i>Gurnard, Tub</i>              | ZG269              |
| grubei, Orbinia                  | P668  | gurnardi, Caligus                | R2216              |
| <i>grubii, Arenicola</i>         | P935  | gurnardus, Eutrigla              | ZG265              |
| grubii, Arenicolides             | P935  | gurneyi, Tisbe                   | R997               |
| grubii, Stelletta                | C206  | guttata, Palmoconcha             | R2614              |
| GRUIFORMES                       | ZJ164 | <i>guttatus, Acanthonotus</i>    | S411               |
| grylle, Cephus                   | ZJ353 | <i>guttatus, Atylus</i>          | S411               |
| gryllotalpa, Microdeutopus       | S596  | <i>guttatus, Lampris</i>         | ZG216              |
| gryllus, Eurythenes              | S293  | <i>guttatus, Leptocheirus</i>    | S591               |
| Gryphaeidae                      | W1763 | <i>guttatus, Nototropis</i>      | S411               |
| Gryphus                          | X25   | Guyniidae                        | D793               |
| grypus, Halichoerus              | ZK15  | <i>gwyni, Lima</i>               | W1745              |
| <i>guaza, Epinephelus</i>        | ZG307 | gwyni, Limatula                  | W1745              |
| <i>guerinii, Apicularia</i>      | W327  | Gwynia                           | X37                |
| <i>guerinii, Rissoa</i>          | W327  | Gyge                             | S1006              |
| Guernea                          | S417  | Gymnammodytes                    | ZG445              |
| guernei, Rhabderemia             | C1348 | Gymnangium                       | D484               |
| guernei, Thymosia                | C322  | <i>Gymnast, Atlantic</i>         | ZG64               |
| guernseii, Amathia               | Y133  | Gymnogongrus                     | ZM400              |
| <i>Guillemot</i>                 | ZJ359 | GYMNOLAEMATA                     | Y69                |
| <i>Guillemot, Black</i>          | ZJ353 | GYMNOSOMATA                      | W1204              |
| <i>Guillemot, Brünnich's</i>     | ZJ360 | gymnota, Catriona                | W1430              |
| <i>Guillemot, Common</i>         | ZJ359 | Gymnothamnion                    | ZM535              |
| guilleti, Lebetus                | ZG472 | gynandra, Audouinella            | ZM90               |
| <i>Guillet's Goby</i>            | ZG472 | Gyptis                           | P297               |
| guilliamsoniana, Bathyporeia     | S454  | gyrina, Synchaeta                | HA82               |
| Guitarra                         | C811  | gyrociliatus, Dinophilus         | P603               |
| <i>Gull, Black-headed</i>        | ZJ317 | Gyroscala                        | W550               |
| <i>Gull, Bonaparte's</i>         | ZJ315 |                                  |                    |
| <i>Gull, Common</i>              | ZJ304 |                                  |                    |
| <i>Gull, Common</i>              | ZJ305 |                                  |                    |
| <i>Gull, Franklin's</i>          | ZJ316 |                                  |                    |
| <i>Gull, Glaucous</i>            | ZJ310 |                                  |                    |
| <i>Gull, Great Black-backed</i>  | ZJ312 |                                  |                    |
| <i>Gull, Great Black-headed</i>  | ZJ311 |                                  |                    |
| <i>Gull, Herring</i>             | ZJ302 |                                  |                    |
| <i>Gull, Iceland</i>             | ZJ309 |                                  |                    |
| <i>Gull, Ivory</i>               | ZJ320 |                                  |                    |
| <i>Gull, Laughing</i>            | ZJ303 |                                  |                    |
| <i>Gull, Lesser Black-backed</i> | ZJ307 |                                  |                    |
| <i>Gull, Little</i>              | ZJ314 |                                  |                    |
| <i>Gull, Mediterranean</i>       | ZJ313 |                                  |                    |
|                                  |       | <b>H</b>                         |                    |
|                                  |       | <b>Haddock</b>                   | <b>ZG121</b>       |
|                                  |       | <i>Haddock, Norway</i>           | ZG257              |
|                                  |       | haddoni, Conchoecia              | R2445              |
|                                  |       | <i>haddoni, Parazoanthus</i>     | D655               |
|                                  |       | HADROMERIDA                      | C317               |
|                                  |       | HADZIOIDEA                       | S494               |
|                                  |       | <i>haeckeli, Acanthephyra</i>    | S1297              |
|                                  |       | <i>haeckeli, Margelopsis</i>     | D170               |
|                                  |       | <i>haeckeli, Pantachogon</i>     | D570               |
|                                  |       | Haedropleura                     | W775               |
|                                  |       | haemastica, Limosa               | ZJ259              |
|                                  |       | Haematocleptes                   | P592               |



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|-------------------------------|-------|-----------------------------------|-------|
| <i>haematodes, Polycirrus</i> | B36   | Halisarcidae                      | C1683 |
| haematodes, Polycirrus        | P1240 | Haliscera                         | D577  |
| Haematopodidae                | ZJ184 | <i>hallezi, Hymedesmia</i>        | C435  |
| Haematopus                    | ZJ185 | hallezi, Timea                    | C435  |
| Haemescharia                  | ZM360 | halleziana, Procerastea           | P456  |
| Haemeschariaceae              | ZM359 | Halochlorococcum                  | ZS17  |
| Haemobaphes                   | R2301 | Haloclavidae                      | D749  |
| <i>Hagfish</i>                | ZE6   | HALOCYPRIDA                       | R2435 |
| Hagiosynodos                  | Y519  | Halocyprididae                    | R2442 |
| <i>Hairtail</i>               | ZG497 | halophila, Proales                | HA35  |
| <i>Hake</i>                   | ZG149 | halophila, Pseudoleptomesochrella | R1354 |
| <i>Hake, Squirrel</i>         | ZG146 | Halophiloscia                     | S1079 |
| hakodatensis, Lomentaria      | ZM457 | Halophilosciidae                  | S1078 |
| Halacaridae                   | Q56   | Halophytophilus                   | R879  |
| Halacarinae                   | Q76   | Halopithys                        | ZM636 |
| Halacarus                     | Q111  | Halopsis                          | D320  |
| Halalaimus                    | HD86  | Halopteriinae                     | D448  |
| Halammohydra                  | D550  | Halopteris                        | D451  |
| Halammohydridae               | D547  | Haloptilus                        | R189  |
| Halaphanolaimus               | HD435 | Halosacciocolax                   | ZM172 |
| Halarachnion                  | ZM338 | Haloschizopera                    | R1187 |
| Halcampa                      | D757  | Halothrix                         | ZR92  |
| Halcampidae                   | D756  | halterata, Dipurena               | D177  |
| Halcampoides                  | D747  | Halurus                           | ZM539 |
| Halcampoididae                | D746  | Halymenia                         | ZM293 |
| Halechiniscidae               | V15   | Halymeniaceae                     | ZM282 |
| Halechiniscus                 | V16   | HALYMENIALES                      | ZM281 |
| HALECIIDA                     | D387  | Hamacantha                        | C764  |
| Haleciidae                    | D389  | Hamacanthidae                     | C763  |
| halecinum, Halecium           | D392  | hamata, Eukrohnia                 | L4    |
| HALECIOIDEA                   | D388  | hamatipes, Argissa                | S360  |
| halecioides, Ventromma        | D474  | hamatus, Centropages              | R289  |
| Halecium                      | D390  | hameli, Lithothamnion             | ZM239 |
| Halectinosoma                 | R846  | hameri, Chirona                   | R66   |
| Haliaeetus                    | ZJ159 | <i>hamifera, Bonnemaisonia</i>    | ZM145 |
| haliaeti, Harmothoe           | P63   | hamifera, Bonnemaisonia           | ZM148 |
| haliaetus, Pandion            | ZJ163 | Haminoea                          | W1067 |
| <i>Halibut</i>                | ZG570 | Haminoeidae                       | W1065 |
| <i>Halibut, Greenland</i>     | ZG580 | Haminoeinae                       | W1066 |
| Halicereidae                  | D576  | <i>Hammerhead, Common</i>         | ZF44  |
| Halichaetonotus               | HB147 | hamondi, Entobius                 | R1954 |
| Halichoanolaimus              | HD333 | hamondi, Heterolaophonte          | R1686 |
| Halichoerus                   | ZK14  | Hancockia                         | W1263 |
| Halichondria                  | C632  | Hancockiidae                      | W1262 |
| HALICHONDRIDA                 | C525  | Hanleya                           | W63   |
| Halichondriidae               | C614  | hanleyi, Hanleya                  | W65   |
| Haliclona                     | C1420 | hanleyi, Nucula                   | W1568 |
| <i>Haliclona</i>              | C1420 | Hanleyidae                        | W62   |
| Haliclystus                   | D10   | hanseni, Clypeoniscus             | S969  |
| Halicnemia                    | C603  | <i>hanseni, Colus turgidulus</i>  | W719  |
| Halicroas                     | D579  | hanseni, Pareuchaeta              | R501  |
| Halicroeion                   | S121  | hanseni, Choniostoma              | R2137 |
| Halicryptus                   | J3    | hanstromi, Stenhelia              | R1265 |
| Halicyclops                   | R673  | hapalidioides, Titanoderma        | ZM279 |
| Halidrys                      | ZR371 | <i>hapaloides, Titanoderma</i>    | ZM279 |
| Haliella                      | W626  | haploceras, Herrmannella          | R1830 |
| HALIOTIDACEA                  | W95   | haplocheles, Synchelidium         | S137  |
| Haliotidae                    | W96   | Haplocope                         | S1122 |
| Haliotis                      | W97   | Haplognathia                      | IA4   |
| Haliphron                     | W2406 | Haplognathiidae                   | IA3   |
| Haliplanella                  | D706  | Haploops                          | S446  |
| Halipectidae                  | HD447 | Haplophthalminae                  | S1073 |
| Halipectus                    | HD448 | Haplophthalmus                    | S1074 |
| Haliptilon                    | ZM208 | Haplopoma                         | Y486  |
| Halisarca                     | C1684 | HAPLOSCLERIDA                     | C1352 |
| <i>Halisarca</i>              | C1684 | Haplospora                        | ZR276 |

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| Haplostoma                               | R758  | heideri, Thaumastoderma                    | HB87  |
| Haplostomides                            | R764  | heideri, Trilobodrilus                     | P647  |
| Haplostominae                            | R757  | heinei, Larus canus                        | ZJ305 |
| Haplosyllis                              | P356  | heipi, Boreopontia                         | R1528 |
| Haplota                                  | Y338  | Helcion                                    | W232  |
| Haraldia                                 | ZM605 | heldti, Mesochra                           | R1477 |
| Haraldiophyllum                          | ZM607 | helena, Muraena                            | ZG14  |
| harassii, Eunice                         | P556  | Heleobia                                   | W390  |
| Hardametopa                              | S188  | helgae, Hymedesmia                         | C930  |
| hardingi, Phyllopodopsyllus              | R1443 | helgae, Metacyphocaris                     | S309  |
| harengus, Clupea                         | ZG34  | helgae, Phyllopus                          | R229  |
| <i>Harlequin Duck</i>                    | ZJ136 | Helgicirra                                 | D372  |
| harmeri, Loxosomella                     | K27   | <i>helgolandica</i> , <i>Gyptis</i>        | P319  |
| harmeri, Notoplites                      | Y272  | helgolandica, Longipedia                   | R790  |
| Harmothoe                                | P54   | helgolandica, Macrochaeta                  | P892  |
| <i>Harp Seal</i>                         | ZK11  | helgolandica, Monstrilla                   | R2380 |
| Harpacticidae                            | R953  | helgolandica, Oithona                      | R620  |
| HARPACTICOIDA                            | R785  | helgolandica, Paramesochra                 | R1413 |
| harpacticoides, Parathalestris           | R1071 | helgolandica, Philinoglossa                | W1110 |
| Harpacticus                              | R954  | helgolandica, Rhynchothalestris            | R1085 |
| Harpinia                                 | S253  | <i>helgolandica</i> , <i>Tisbe</i>         | R998  |
| Harrietella                              | R1679 | helgolandica, Tomopteris                   | P248  |
| Harrimania                               | ZC14  | <i>helgolandicum</i> , <i>Didemnum</i>     | ZD54  |
| Harrimanidae                             | ZC13  | helgolandicus, Axonolaimus                 | HD592 |
| harrisi, Microcharon                     | S896  | helgolandicus, Calanus                     | R361  |
| harrisii, Rhithropanopeus                | S1617 | helgolandicus, Lumbricillus                | P1545 |
| Hartlaubella                             | D509  | <i>helgolandicus</i> , <i>Pachydriulus</i> | P1552 |
| <i>hartlaubi</i> , <i>Euceilota</i>      | D336  | helgolandicus, Pleurodasys                 | HB35  |
| <i>hartlaubi</i> , <i>Podocoryne</i>     | D276  | helgolandicus, Protodrilus                 | P1076 |
| hartmanae, Iphitime                      | P611  | helicina, Limacina                         | W1168 |
| Hartmaniellidae                          | P585  | <i>helicina</i> , <i>Spiratella</i>        | W1168 |
| hartmanni, Ophryotrocha                  | P619  | helicinus, Margarites                      | W150  |
| hartwigi, Copidognathus                  | Q100  | Helicocranchia                             | W2387 |
| hartzii, Ceratocolax                     | ZM397 | helicoides, Limacina                       | W1173 |
| harveyana, Peyssonnelia                  | ZM387 | <i>helicoides</i> , <i>Spiratella</i>      | W1173 |
| Harveyella                               | ZM310 | Helicolenus                                | ZG250 |
| harveyi, Leptopsyllus                    | R1406 | Helicosalpa                                | ZD186 |
| harveyi, Parapinnanema                   | HD219 | Heliometra                                 | ZB16  |
| harveyi, Polysiphonia                    | ZM669 | <i>helleri</i> , <i>Aglaophenia</i>        | D479  |
| hasitata, Pterodroma                     | ZJ32  | helleri, Ampithoe                          | S532  |
| hassallii, Celleporina                   | Y498  | helleri, Paramysis                         | S79   |
| <i>hastata</i> , <i>Peachia</i>          | D755  | Helmetophoridae                            | P335  |
| hastata, Schizomavella                   | Y472  | Helminthocladia                            | ZM132 |
| hastatus, Amphiporus                     | G88   | helminthoides, Nemalion                    | ZM139 |
| Hastigerella                             | R881  | Helminthora                                | ZM134 |
| <i>Hatchet-fish</i>                      | ZG68  | helvolum, Tetrastemma                      | G127  |
| <i>Hatchet-fish</i>                      | ZG69  | Hemiaclis                                  | W630  |
| <i>Hatchet-fish</i> , <i>Transparent</i> | ZG73  | Hemiarthrus                                | S991  |
| hatscheki, Protodrilus                   | P1075 | Hemiassterellidae                          | C439  |
| Hatschekia                               | R2289 | Hemibdella                                 | P1593 |
| Hatschekiidae                            | R2286 | Hemicervinia                               | R813  |
| Hauchiella                               | P1230 | HEMICHORDATA                               | ZC1   |
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| Haustorius                               | S461  | Hemicyclops                                | R1919 |
| <i>Hawksbill</i>                         | ZI12  | Hemicythere                                | R2577 |
| haydenii, Myriactula                     | ZR253 | Hemicytheridae                             | R2565 |
| hebes, Exogone                           | P421  | Hemicytherura                              | R2541 |
| hebes, Pareuchaeta                       | R502  | Hemidasys                                  | HB60  |
| Hecatonema                               | ZR172 | Hemifridericia                             | P1531 |
| hecticus, Euaugaptilus                   | R178  | hemigymnus, <i>Argyropelecus</i>           | ZG68  |
| Hediste                                  | P461  | <i>hemigymnus</i> , <i>Argyropelecus</i>   | ZG69  |
| HEDYLOPSACEA                             | W1097 | Hemilamprops                               | S1239 |
| Hedylopsidae                             | W1098 | Hemilaophonte                              | R1681 |
| Hedyloopsis                              | W1099 | Hemimactra                                 | W1979 |
| <i>heeri</i> , <i>Myriochele</i>         | P1094 | Hemimesochra                               | R1460 |
| heeri, Myriochele                        | P1096 | Hemimycale                                 | C983  |

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| Hemimysis                                 | S71   | Heteremalla                               | R546  |
| Hemioniscidae                             | S957  | Hetermalla                                | R547  |
| Hemioniscus                               | S958  | heterobranchia, Protostyela               | ZD130 |
| Hemirhabdus                               | R234  | heterocarpa, Drachiella                   | ZM596 |
| Hemisepiola                               | W2326 | <i>heterocarpum</i> , <i>Myriogramme</i>  | ZM596 |
| <i>hemisphaerica</i> , <i>Clytia</i>      | D502  | heterocera, Aureliania                    | D692  |
| hemisphaerica, <i>Clytia</i>              | D503  | Heterochaeta                              | P1478 |
| Hemithirididae                            | X15   | <i>heterochaetus</i> , <i>Limnodrilus</i> | P1495 |
| Hemithiris                                | X16   | <i>heterochaetus</i> , <i>Peloscolex</i>  | P1495 |
| hemuli, <i>Pseudeurythoe</i>              | P522  | heterochaetus, <i>Tubificoides</i>        | P1495 |
| hendayensis, <i>Enteromorpha</i>          | ZS155 | Heteroclymene                             | P966  |
| <i>henkingi</i> , <i>Lumbricillus</i>     | P1552 | Heterocypris                              | R2470 |
| Henlea                                    | P1533 | Heterocythereis                           | R2582 |
| hennedyi, <i>Haemescharia</i>             | ZM361 | <i>heterodonta</i> , <i>Aglaophenia</i>   | D480  |
| <i>hennedyi</i> , <i>Petrocelis</i>       | ZM361 | heterodontus, <i>Paracanthochus</i>       | HD302 |
| henneguyi, <i>Apherusa</i>                | S105  | <i>Heterogonium</i>                       | ZS104 |
| Henricia                                  | ZB82  | Heterolaophonte                           | R1683 |
| henslowii, <i>Polybius</i>                | S1591 | <i>Heterolaophonte</i>                    | R1750 |
| Heptacyclus                               | P1595 | Heterolepidoderma                         | HB160 |
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| heptapus, <i>Demoleus</i>                 | R2241 | Heteromysini                              | S90   |
| herbstii, <i>Nebalia</i>                  | S8    | Heteromysis                               | S91   |
| herdmani, <i>Halectinosoma</i>            | R865  | HETERONEMERTEA                            | G37   |
| <i>herdmani</i> , <i>Laophonte</i>        | R1726 | Heteropia                                 | C122  |
| herdmani, <i>Pseudamphiascopsis</i>       | R1218 | Heteropiidae                              | C119  |
| herdmani, <i>Scottopsyllus</i>            | R1422 | heteropoma, <i>Pileolaria</i>             | P1387 |
| <i>Herdmania</i>                          | R813  | Heteropsyllus                             | R1462 |
| heredia, <i>Phyllophora</i>               | ZM408 | Heteroptilus                              | R201  |
| hergensis, <i>Melita</i>                  | S524  | Heterorhabdidae                           | R231  |
| Hermaea                                   | W1129 | Heterorhabdus                             | R236  |
| Hermaeidae                                | W1128 | Heteroscelus                              | ZJ251 |
| Hermaeopsis                               | W1132 | Heterosepiola                             | W2328 |
| hermallensis, <i>Proasellus</i>           | S880  | Heterosiphonia                            | ZM580 |
| hermaphrodita, <i>Capitella</i>           | P908  | heterospiculum, <i>Theristus</i>          | HD528 |
| hermaphroditica, <i>Polydora</i>          | P756  | Heterostigma                              | ZD142 |
| Hermodice                                 | P513  | HETEROSTROPHA                             | W878  |
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| <i>Heron</i> , <i>Green-backed</i>        | ZJ75  | HEXACORALLIA                              | D627  |
| <i>Heron</i> , <i>Grey</i>                | ZJ65  | hexadactylis, <i>Paradasys</i>            | HB32  |
| <i>Heron</i> , <i>Night</i>               | ZJ82  | Hexadella                                 | C1659 |
| <i>Heron</i> , <i>Purple</i>              | ZJ66  | Hexanchidae                               | ZF5   |
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| Herponema                                 | ZR31  | hexapilus, <i>Axonolaimus</i>             | HD593 |
| Herposiphonia                             | ZM638 | hexaptera, <i>Sagitta</i>                 | L18   |
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| <i>Herring</i>                            | ZG34  | hians, <i>Lima</i>                        | W1741 |
| <i>Herring Gull</i>                       | ZJ302 | <i>hians</i> , <i>Lima</i>                | W1741 |
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| Hesionides                                | P323  | Hiatellidae                               | W2164 |
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| Hesiospina                                | P302  | hibernica, <i>Diaixis</i>                 | R522  |
| hesperia, <i>Schizoporella</i>            | Y427  | hibernica, <i>Hymedesmia</i>              | C931  |
| hessei, <i>Enterocola</i>                 | R743  | hibernica, <i>Lumbrineris</i>             | P580  |
| Heteranomia                               | W1808 | hibernica, <i>Nitokra</i>                 | R1323 |
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| <i>hibernicum</i> , <i>Chaetosoma</i>        | HD385 | Hirschmannia                              | R2610 |
| <i>hibernicum</i> , <i>Lithophyllum</i>      | ZM230 | <i>hirsuta</i> , <i>Campeceopea</i>       | S859  |
| <i>hibernicum</i> , <i>Paradoxostoma</i>     | R2652 | <i>hirsuta</i> , <i>Desmodora</i>         | HD346 |
| <i>hibernicum</i> , <i>Parerythropodium</i>  | D601  | <i>hirsuta</i> , <i>Fultonina</i>         | R1651 |
| <i>hibernicus</i> , <i>Haplostomides</i>     | R765  | <i>hirsuta</i> , <i>Pseudarachna</i>      | S931  |
| <i>hibernicus</i> , <i>Phyllopodopsyllus</i> | R1444 | <i>hirsuta</i> , <i>Pseudobradya</i>      | R908  |
| <i>hicksi</i> , <i>Sclerochilus</i>          | R2491 | <i>hirsutimanus</i> , <i>Leptocheirus</i> | S588  |
| <i>hiddensoeensis</i> , <i>Proameira</i>     | R1339 | <i>hirsutipes</i> , <i>Doridicola</i>     | R1804 |
| <i>hiemalis</i> , <i>Diaphana</i>            | W1059 | <i>hirsutum</i> , <i>Alcyonidium</i>      | Y78   |
| <i>hiemalis</i> , <i>Punctaria</i>           | ZR177 | <i>hirsutum</i> , <i>Daptonema</i>        | HD511 |
| <i>hiemalis</i> , <i>Punctaria</i>           | ZR177 | <i>hirsutum</i> , <i>Mesacanthion</i>     | HD33  |
| <i>Higginsia</i>                             | C606  | <i>hirsutum</i> , <i>Paramesacanthion</i> | HD35  |
| <i>hilarula</i> , <i>Setosabatieria</i>      | HD266 | <i>hirsutus</i> , <i>Colus</i>            | W719  |
| <i>Hildenbrandia</i>                         | ZM189 | <i>hirsutus</i> , <i>Linhomoeus</i>       | HD575 |
| <i>Hildenbrandiaceae</i>                     | ZM188 | <i>hirsutus</i> , <i>Metamphiascopsis</i> | R1197 |
| HILDENBRANDIALES                             | ZM187 | <i>hirsutus</i> , <i>Sphaerolaimus</i>    | HD556 |
| <i>hilgendorfi</i> , <i>Ammothea</i>         | Q22   | <i>hirsutus</i> , <i>Trichethmolaimus</i> | HD283 |
| <i>hilli</i> , <i>Lepas</i>                  | R36   | <i>hirtellus</i> , <i>Pilumnus</i>        | S1615 |
| <i>hilliae</i> , <i>Polyneura</i>            | ZM618 | <i>hirtipes</i> , <i>Onchocalanus</i>     | R551  |
| <i>Hiltermannicythere</i>                    | R2674 | <i>hirtum</i> , <i>Nymphon</i>            | Q9    |
| <i>Hima</i>                                  | W746  | <i>hirtus</i> , <i>Amphiascus</i>         | R1167 |
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| <i>Himantolophus</i>                         | ZG99  | <i>hirundo</i> , <i>Pteria</i>            | W1729 |
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| <i>himantopus</i> , <i>Micropalama</i>       | ZJ265 | <i>hiscockiana</i> , <i>Schmitzia</i>     | ZM300 |
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| <i>hincksi</i> , <i>Campanularia</i>         | D494  | <i>hispida</i> , <i>Achelia</i>           | Q16   |
| <i>Hincksina</i>                             | Y195  | <i>hispida</i> , <i>Ammothea</i>          | Q16   |
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| <i>Hippasteria</i>                           | ZB50  | <i>hispida</i> , <i>Calycella</i>         | D347  |
| <i>Hippocampus</i>                           | ZG238 | <i>hispida</i> , <i>Disporella</i>        | Y66   |
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| <i>hippoglossi</i> , <i>Hatschekia</i>       | R2291 | <i>hispida</i> , <i>Pedicellina</i>       | K47   |
| <i>hippoglossi</i> , <i>Lepeophtheirus</i>   | R2222 | <i>hispida</i> , <i>Phoca</i>             | ZK12  |
| <i>Hippoglossoides</i>                       | ZG567 | <i>hispida</i> , <i>Pontocypris</i>       | R2706 |
| <i>hippoglossoides</i> , <i>Reinhardtius</i> | ZG580 | <i>hispida</i> , <i>Poraniomorpha</i>     | ZB56  |
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| <i>hippoglossus</i> , <i>Hippoglossus</i>    | ZG570 | <i>hispida</i> , <i>Raspailia</i>         | C1325 |
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| <i>Hippomedon</i>                            | S295  | <i>Histioteuthis</i>                      | W2355 |
| <i>Hippomolgus</i>                           | R1925 | <i>histrion</i> , <i>Leptinogaster</i>    | R1928 |
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| <i>Hippoporina</i>                           | Y413  | <i>hjorti</i> , <i>Notobranchaea</i>      | W1223 |
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| <i>hippopus</i> , <i>Hippopodius</i>         | D95   | <i>hoffmeisteri</i> , <i>Limnodrilus</i>  | P1481 |
| <i>hippopus</i> , <i>Lepraliella</i>         | Y380  | <i>holboelli</i> , <i>Ceratias</i>        | ZG97  |
| <i>Hippothoa</i>                             | Y331  | <i>holbolli</i> , <i>Hippomedon</i>       | S296  |
| <i>Hippothoidae</i>                          | Y330  | <i>holbolli</i> , <i>Phoxocephalus</i>    | S269  |
| HIPPOTHOOIDEA                                | Y329  | <i>holdichii</i> , <i>Zeuxo</i>           | S1108 |
| <i>hippoothoides</i> , <i>Arachnidium</i>    | Y89   | <i>Hollowsnout Rat-tail</i>               | ZG155 |
| HIPPOTHOOMORPHA                              | Y328  | <i>holmanae</i> , <i>Nucellicola</i>      | R1980 |

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| holmei, Siboglinum                      | M12   | <i>Hudsonian Godwit</i>       | ZJ259 |
| holmesii, Kuetzingiella                 | ZR50  | hufelandi, Macrobiotus        | V35   |
| holmesii, Rhodymenia                    | ZM466 | humanus, Glossus              | W2081 |
| Holmsella                               | ZM438 | humile, Cytheropteron         | R2529 |
| Holobomolochus                          | R2006 | humilifrons, Lophothrix       | R588  |
| HOLOCEPHALI                             | ZF110 | humilis, Audouinella          | ZM91  |
| Holostethus                             | ZG205 | <i>humilis, Cuspidella</i>    | D303  |
| Holothuria                              | ZB243 | humilis, Cystoseira           | ZR367 |
| holothuriae, Tisbe                      | R998  | humilis, Euaugaptilus         | R179  |
| Holothuriidae                           | ZB242 | humilis, Orchomene            | S320  |
| HOLOTHURIOIDEA                          | ZB229 | <i>humilis, Styela</i>        | ZD117 |
| <i>holsatica, Dactylopusia vulgaris</i> | R1091 | hummoni, Ichthydium           | HB169 |
| holsaticus, Kliopsyllus                 | R1395 | <i>Humpback Salmon</i>        | ZG47  |
| holsaticus, Paraleptastacus             | R1517 | <i>Humpback Whale</i>         | ZK70  |
| holsatus, Liocarcinus                   | S1581 | humphreysianum, Buccinum      | W706  |
| holthuisi, Processa nouveli             | S1367 | <i>humphriesi, Amphiascus</i> | R1170 |
| HOMALORHAGIDA                           | HC23  | Huntemannia                   | R1608 |
| <i>homari, Amathilla</i>                | S116  | Huntemanniidae                | R1607 |
| homari, Gammarellus                     | S116  | <i>hunteri, Ericthonius</i>   | S565  |
| homari, Histriobdella                   | P650  | hunti, Hippolyte              | S1347 |
| Homarus                                 | S1399 | husmanni, Nitokra sewelli     | R1327 |
| Homaxinella                             | C563  | <i>Huss, Bull</i>             | ZF29  |
| hombergii, Nephtys                      | P499  | hutchinsiae, Cladophora       | ZS203 |
| <i>hombergii, Nephtys</i>               | P502  | hutchinsiae, Dasya            | ZM577 |
| hombergii, Tritonia                     | W1250 | hyaenae, Thompsonula          | R952  |
| Homoeoscelis                            | R2140 | Hyalia                        | W409  |
| Homolidae                               | S1497 | Hyalae                        | S222  |
| HOMOLOIDEA                              | S1496 | Hyalidae                      | S221  |
| HOMOSCLEROMORPHA                        | C153  | <i>hyalina, ?Gonothyraea</i>  | D508  |
| HOMOSCLEROPHORIDA                       | C154  | hyalina, Ameira               | R1291 |
| hondti, Schizomavella                   | Y473  | <i>hyalina, Antiopella</i>    | W1408 |
| honestus, Calomicrolaimus               | HD399 | hyalina, Celleporella         | Y337  |
| <i>Hooded Merganser</i>                 | ZJ144 | <i>hyalina, Diaphana</i>      | W1059 |
| <i>Hooded Seal</i>                      | ZK19  | hyalina, Nerillidopsis        | P1054 |
| <i>Hook-ear Sculpin, Atlantic</i>       | ZG275 | hyalina, Syllis               | P368  |
| hookeri, Aglaothamnion                  | ZM479 | hyalina, Turbanella           | HB109 |
| hookeri, Sphaeroma                      | S869  | hyalina, Typosyllis           | P368  |
| <i>Hook-nose</i>                        | ZG291 | Hyalinoecia                   | P540  |
| hopeana, Jaera                          | S887  | hyalinum, Enneagonum          | D137  |
| hopei, Scopelochirus                    | S328  | hyalinum, Thyonidium          | ZB283 |
| Hoplangia                               | D788  | hyalinus, Janolus             | W1408 |
| HOPLOCARIDA                             | S12   | hyalocheile, Dichromadora     | HD230 |
| HOPLONEMERTEA                           | G81   | Hyalopecten                   | W1798 |
| Hoplostethus                            | ZG204 | hyalophyllum, Conchoecia      | R2446 |
| hoplura, Polydora                       | P757  | Hyaloscala                    | W555  |
| <i>horingi, Tryphosa</i>                | S342  | Hyas                          | S1517 |
| horingi, Tryphosella                    | S342  | Hybocodon                     | D161  |
| Hormathia                               | D729  | <i>hybrida, Laurencia</i>     | ZM651 |
| Hormathiidae                            | D728  | hybrida, Osmundea             | ZM651 |
| Hornera                                 | Y56   | hybridus, Chlidonias          | ZJ329 |
| Horneridae                              | Y55   | hydatis, Haminoea             | W1068 |
| horrida, Echinolaophonte                | R1673 | Hydractinia                   | D272  |
| horridus, Centraugaptilus               | R166  | Hydractiniidae                | D271  |
| <i>horridus, Echinolaophonte</i>        | R1671 | Hydrallmania                  | D423  |
| <i>Horse Mackerel</i>                   | ZG338 | hydrallmaniae, Doto           | W1278 |
| horsti, Saccoglossus                    | ZC19  | Hydranthea                    | D401  |
| hoskini, Hemicytherura                  | R2544 | Hydridae                      | D145  |
| hotspur, Lensia                         | D110  | Hydrobates                    | ZJ40  |
| <i>Hound, Nurse</i>                     | ZF29  | Hydrobatidae                  | ZJ39  |
| <i>Hound, Smooth</i>                    | ZF38  | Hydrobia                      | W383  |
| <i>Hound, Starry Smooth</i>             | ZF37  | Hydrobiidae                   | W381  |
| <i>Houting</i>                          | ZG45  | Hydrobiinae                   | W382  |
| <i>howsei, Colus</i>                    | W717  | Hydrodendron                  | D403  |
| howsei, Raspailia                       | C1322 | Hydroides                     | P1330 |
| Hubrechtella                            | G15   | Hydrolithon                   | ZM211 |
| Hubrechtidae                            | G14   | <i>hydrophanum, Buccinum</i>  | W708  |

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| hydrostatica, Physophora          | D75          | <i>Iceland Gull</i>            | ZJ309 |
| HYDROZOA                          | D58          | Icelus                         | ZG276 |
| hyemalis, Clangula                | ZJ130        | Ichnopus                       | S298  |
| Hymedesmia                        | C924         | Ichthydium                     | HB168 |
| Hymedesmiidae                     | C918         | <i>ichthystoma, Sagartia</i>   | D713  |
| Hymenaster                        | ZB68         | ichthaetus, Larus              | ZJ311 |
| Hymeniacidon                      | C657         | lcthytomidae                   | P488  |
| <i>Hymeniacidon</i>               | C657         | ldmidronea                     | Y35   |
| <i>Hymentrocha</i>                | C1048        | ldomene                        | R1119 |
| Hymeraphia                        | C1295        | ldotea                         | S934  |
| Hymerhabdia                       | C565         | ldoteidae                      | S933  |
| Hymetrochota                      | C1048        | <i>ldya</i>                    | R983  |
| <i>hyndmani, Cucumaria</i>        | ZB272        | ldyanthe                       | R1009 |
| hyndmani, lophon                  | C1052        | ldyanthinae                    | R1008 |
| <i>hyndmani, Isodictya</i>        | C1052        | ldyella                        | R1012 |
| hyndmani, Paracucumaria           | ZB272        | <i>ignava, Horsiella</i>       | R935  |
| <i>hyndmani, Pocillon</i>         | C1052        | ignavus, Leptocaris            | R935  |
| hyndmanni, Anapagurus             | S1448        | igneus, Metis                  | R1282 |
| hyndmanni, Escharina              | Y439         | lhlea                          | ZD198 |
| hyndmanni, Pseudione              | S1024        | ilievicensis, Robertgurneya    | R1235 |
| hynensis, Oriopsis                | P1305        | llex                           | W2367 |
| hyperborea, Cistenides            | P1105        | illgi, Ophiodelphys            | R724  |
| hyperborea, Laminaria             | ZR351        | illicinae                      | W2366 |
| hyperborea, Paramphiascella       | R1202        | ilvana, Paradoneis cf.         | P698  |
| hyperborea, Raja                  | ZF92         | <i>imakus, Lumbricillus</i>    | P1559 |
| <i>hyperborea, Verilliteuthis</i> | W2390        | imbellis, Alderina             | Y208  |
| hyperboreus, Calanus              | R362         | imbricata, Bowerbankia         | Y141  |
| hyperboreus, Larus                | ZJ310        | imbricata, Conchoecia          | R2447 |
| Hypereteone                       | P124         | imbricata, Eretmochelys        | ZI12  |
| Hyperia                           | S729         | imbricata, Harmothoe           | P64   |
| Hyperiididae                      | S728         | imer, Rhabdodemia              | HD166 |
| HYPERIIDEA                        | S675         | immaculatus, Hyperoplus        | ZG448 |
| Hyperioidea                       | S733         | immer, Gavia                   | ZJ7   |
| Hyperoche                         | S735         | Immergentia                    | Y104  |
| Hyperoglyphe                      | ZG531        | Immergentiidae                 | Y103  |
| Hyperoodon                        | ZK60         | immersa, Audouinella           | ZM92  |
| Hyperoplus                        | ZG447        | immersa, Escharella            | Y364  |
| Hypnea                            | ZM363        | immersa, Peyssonnelia          | ZM388 |
| Hypneaceae                        | ZM362        | immersum, Microspongium        | ZR116 |
| hypnoides, Atractophora           | ZM151        | immota, Cernosvitoviella       | P1505 |
| hypnoides, Bryopsis               | ZS230        | <i>immotus, Enchytraeoides</i> | P1505 |
| hypnoides, Ctenosiphonia          | ZM635        | immutabilis, Oerstedtia        | G110  |
| Hypodontolaimus                   | HD231        | <i>impar, Harmothoe</i>        | P59   |
| hypoglossoides, Hypoglossum       | ZM610        | impar, Harmothoe               | P65   |
| Hypoglossum                       | ZM609        | <i>impar, Harmothoe</i>        | P65   |
| hypoleucos, Actitis               | ZJ224        | <i>impar, Harmothoe</i>        | P73   |
| hypoleucus, Protodrilus           | P1077        | impar, Phyllopus               | R230  |
| Hypophorella                      | Y124         | <i>impatiens, Lumbrineris</i>  | P584  |
| Hypophorellidae                   | Y123         | imperator, Crossophorus        | R2416 |
| Hypsibius                         | V29          | imperfecta, Porphyropsis       | ZM43  |
| hyrcanus, Caspihalacarus          | Q137         | imperatorum, Caecum            | W414  |
| hysocella, Chrysaora              | D41          | <i>Imperial anemone</i>        | D692  |
| hystricis, Leanira                | P98          | <i>Imperial Scaldfish</i>      | ZG561 |
| hystricis, Nephtys                | P500         | imperialis, Arnoglossus        | ZG561 |
| hystrix, Doto                     | W1279        | imperialis, Luvarus            | ZG519 |
| <i>hystrix, Hermione</i>          | P21          | <i>imperspicuus, Adeorbis</i>  | W1000 |
| hystrix, Hermonia                 | P21          | <i>imperspicuus, Tomus</i>     | W1000 |
| <i>hystrix, Lepidomenia</i>       | W21          | implexa, Filograna             | P1350 |
| hystrix, Ochlochaete              | ZS101        | implexa, Ulothrix              | ZS64  |
| hystrix, Sphaerosyllis            | P427         | implexa, Zanclea               | D212  |
| hystrix, Tetranchyroderma         | HB80         | <i>impressa, Leucaltis</i>     | C111  |
|                                   |              | impressa, Leucaltis            | C29   |
|                                   |              | impressa, Loxoconcha           | R2619 |
|                                   |              | impressum, Haplopoma           | Y489  |
|                                   |              | <i>improvisa, Nephrosoma</i>   | N22   |
|                                   |              | <i>improvisa, Nephrosoma</i>   | N25   |
| <b>I</b>                          |              |                                |       |
| <b>lasis</b>                      | <b>ZD200</b> |                                |       |
| ibis, Bubulcus                    | ZJ73         |                                |       |
| <i>Ibis, Glossy</i>               | ZJ87         |                                |       |

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|---|-------|---|-------|
| improvisus, Balanus                     | R78   | inermis, Hippolyte                          | S1348 |
| impudica, Neobrachiella                 | R2354 | inermis, Modiolicola                        | R1854 |
| imus, Bulbamphiascus                    | R1179 | inermis, Praunus                            | S83   |
| Inachinae                               | S1520 | inermis, Scrupocellaria                     | Y275  |
| Inachus                                 | S1525 | inermis, Thyone                             | ZB263 |
| <i>inaequalis</i> , <i>Campylaimus</i>  | HD618 | <i>inermis</i> , <i>Thyone</i>              | ZB264 |
| inaequalis, Gonionchus                  | HD547 | inermis, Thysanoessa                        | S1273 |
| inaequalis, Hypodontolaimus             | HD234 | inersus, Flabelliphilus                     | R2409 |
| inaequalis, Richtersia                  | HD339 | inexpectatus, Tubulanus                     | G30   |
| inaequicornis, Metacalanus              | R217  | infans, Avocettina                          | ZG20  |
| <i>inaequicomis</i> , <i>Scottula</i>   | R217  | infestans, Audouinella                      | ZM93  |
| inaequidentatus, Chaetonotus            | HB135 | infestans, Endodictyon                      | ZR20  |
| inaequipes, Maera                       | S517  | <i>inflata</i> , <i>Cingula</i>             | W380  |
| inaequivalvis, Pandora                  | W2251 | <i>inflata</i> , <i>Crella</i>              | C604  |
| INARTICULATA                            | X2    | inflata, Limacina                           | W1174 |
| incana, Amphiura                        | ZB156 | inflata, Neonesidea                         | R2463 |
| <i>incamata</i> , <i>Tellina</i>        | W2011 | inflata, Polymastia                         | C360  |
| incerta, Evansula                       | R1534 | <i>inflata</i> , <i>Putilla</i>             | W380  |
| incerta, Sabella                        | P1274 | inflata, Sacculina                          | R126  |
| <i>incertus</i> , <i>Demonax</i>        | P1274 | <i>inflata</i> , <i>Setia</i>               | W365  |
| incisa, Diplopeltula                    | HD624 | <i>inflata</i> , <i>Setia</i>               | W380  |
| incisa, Leucothoe                       | S177  | <i>inflata</i> , <i>Spiratella</i>          | W1174 |
| incisa, Nephtys                         | P501  | inflata, Yoldiella                          | W1621 |
| incisa, Rhabdostyla                     | C678  | Inflatella                                  | C908  |
| incisipes, Geeopsis                     | R943  | inflatum, Cytheropteron                     | R2530 |
| incisus, Solmissus                      | D541  | inflatum, Pseudodictyon                     | ZS114 |
| incisus, Xantho                         | S1619 | inflatum, Scalibregma                       | P1027 |
| incognita, Esperioptis                  | C759  | inflexa, Cavolinia                          | W1179 |
| incognita, Reteporella                  | Y525  | informe, Pseudendoconium                    | ZS111 |
| incognitus, Halicyclops                 | R675  | informis, Desmacella                        | C879  |
| inconspicua, Mesochra                   | R1478 | <i>informis</i> , <i>Tylodesma</i>          | C879  |
| inconspicua, Onchidoria                 | W1324 | infrequens, Tetilla                         | C313  |
| inconspicua, Pusillina                  | W376  | <i>infrequens</i> , <i>Tetilla</i>          | C313  |
| <i>inconspicua</i> , <i>Rissoa</i>      | W376  | <i>infrons</i> , <i>Sipunculus</i>          | N8    |
| <i>inconspicua</i> , <i>Turboella</i>   | W376  | infundibuliformis, Axinella                 | C545  |
| <i>inconspicua</i> , <i>Yoldiella</i>   | W1626 | infundibuliformis, Chone                    | P1270 |
| inconstans, Antho                       | C1112 | <i>infundibuliformis</i> , <i>Isodictya</i> | C545  |
| incrassata, Hinia                       | W747  | <i>infundibuliformis</i> , <i>Tragosia</i>  | C545  |
| incrassata, Zosime                      | R1022 | infundibulum, Bolinopsis                    | E10   |
| <i>incrassatus</i> , <i>Nassarius</i>   | W747  | infundibulum, Myxicola                      | P1300 |
| <i>incrustans</i> , <i>Dendodoryx</i>   | C1085 | <i>ingalli</i> , <i>Iophon</i>              | C1052 |
| <i>incrustans</i> , <i>Halichondria</i> | C1085 | <i>ingalli</i> , <i>Menyllus</i>            | C1052 |
| <i>incrustans</i> , <i>Hydroides</i>    | P1332 | inglei, Pilmnoides                          | S1613 |
| incrustans, Laxosuberites               | C396  | inglisi, Chromaspirina                      | HD355 |
| incrustans, Lithophyllum                | ZM231 | inglisi, Praecanthonchus                    | HD311 |
| incrustans, Myxilla                     | C1085 | ingolfi, Agathotanis                        | S1146 |
| incrustatum, Synoicum                   | ZD25  | ingolfi, Lernaediscus                       | R109  |
| incrustatus, Epizoanthus                | D650  | Ingolfiella                                 | S788  |
| <i>incurva</i> , <i>Eulima</i>          | W669  | Ingolfiellidae                              | S787  |
| incurvata, Stomatoporina                | Y22   | INGOLFIPELLIDEA                             | S786  |
| incurvus, Halopithys                    | ZM637 | inhabilis, Brada                            | P875  |
| indet, Pachycerianthus                  | D635  | <i>inhaerens</i> , <i>Leptosynapta</i>      | ZB292 |
| indicans, Eutonina                      | D371  | inhaerens, Leptosynapta                     | ZB296 |
| indistincta, Chrysallida                | W935  | iniqua, Golfingia                           | N15   |
| indistincta, Haliclona                  | C1426 | <i>Innocuonema</i>                          | HD222 |
| indivisa, Tubularia                     | D166  | <i>innominata</i> , <i>Cribrilaria</i>      | Y321  |
| inerme, Pleurogonium                    | S914  | innominata, Puellina                        | Y321  |
| inerme, Siboglinum                      | M13   | <i>innovata</i> , <i>Turbonilla</i>         | W975  |
| Inermidrilus                            | P1449 | inopinata, Laophonte                        | R1710 |
| <i>inermis</i> , <i>Anthelia</i>        | D590  | inops, Batzella                             | C793  |
| inermis, Autolytus                      | P439  | <i>inops</i> , <i>Halichondria</i>          | C793  |
| <i>inermis</i> , <i>Autolytus</i>       | P439  | inornata, Caryophyllia                      | D782  |
| inermis, Bathylaimus                    | HD155 | inornata, Desmacella                        | C880  |
| inermis, Bradyetes                      | R435  | <i>inornata</i> , <i>Halichondria</i>       | C753  |
| inermis, Eurydice                       | S853  | inornata, Laophonte                         | R1711 |
| inermis, Gitanopsis                     | S167  | inornata, Pholoe                            | P92   |

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|---|-------|--|-------|
| <i>inornata</i> , <i>Tylodesma</i>      | C880  | intermixta, <i>Chrysallida</i>               | W936  |
| inornatum, <i>Cytheropteron</i>         | R2531 | interpres, <i>Arenaria</i>                   | ZJ227 |
| inornatus, <i>Spirorbis</i>             | P1394 | interpuncta, <i>Euphilomedes</i>             | R2419 |
| INOVICELLINA                            | Y150  | <i>interpuncta</i> , <i>Philomedes</i>       | R2419 |
| <i>insculpta</i> , <i>Odostomia</i>     | W960  | interrupta, <i>Alteutha</i>                  | R1037 |
| <i>insculpta</i> , <i>Ondina</i>        | W960  | interrupta, <i>Comesa</i>                    | HD273 |
| insensibilis, <i>Gammarus</i>           | S476  | <i>interrupta</i> , <i>Pusillina</i>         | W328  |
| insidiosa, <i>Neobrachiella</i>         | R2355 | interrupta, <i>Rissoa</i>                    | W328  |
| insidiosa, <i>Reptadeonella</i>         | Y400  | <i>interrupta</i> , <i>Rissoa parva</i> var. | W328  |
| insidiosum, <i>Corophium</i>            | S612  | <i>interrupta</i> , <i>Scinaia</i>           | ZM130 |
| insigne, <i>Eudendrium</i>              | D224  | interrupta, <i>Seirospora</i>                | ZM564 |
| insigne, <i>Spiridion</i>               | P1466 | <i>interrupta</i> , <i>Seirospora</i>        | ZM565 |
| insignis, <i>Lophothrix</i>             | R589  | interrupta, <i>Stenogramme</i>               | ZM414 |
| insignis, <i>Modiolicola</i>            | R1855 | <i>interrupta</i> , <i>Turboella</i>         | W328  |
| insignis, <i>Mysideis</i>               | S63   | <i>interrupta</i> , <i>Turbonilla</i>        | W985  |
| <i>insignis</i> , <i>Pseudione</i>      | S1023 | intersecta, <i>Obtusella</i>                 | W365  |
| insignis, <i>Pterinopsyllus</i>         | R662  | interstincta, <i>Chrysallida</i>             | W937  |
| insignis, <i>Sphaeronella</i>           | R2159 | interstitialis, <i>Theristus</i>             | HD529 |
| insignis, <i>Valdiviella</i>            | R490  | intestinalis, <i>Ciona</i>                   | ZD71  |
| insolens, <i>Eudactylina</i>            | R2272 | <i>intestinalis</i> , <i>Enteromorpha</i>    | ZS152 |
| insolens, <i>Eunicicola</i>             | R1963 | intestinalis, <i>Enteromorpha</i>            | ZS156 |
| insolens, <i>Lomanotocola</i>           | R2034 | intestinalis, <i>Mesothuria</i>              | ZB233 |
| insolita, <i>Porphyra</i>               | ZM56  | intestinalis, <i>Mytilicola</i>              | R1974 |
| insperata, <i>Lysianassa</i>            | S304  | intestinalis, <i>Streblosoma</i>             | P1252 |
| <i>insularis</i> , <i>Peloscolex</i>    | P1496 | intestinaloides, <i>Enteromorpha</i>         | ZS157 |
| <i>insularis</i> , <i>Tubifex</i>       | P1496 | intestinum, <i>Streblonema</i>               | ZR74  |
| insularis, <i>Tubificoides</i>          | P1496 | <i>Intoshia</i>                              | B21   |
| integer, <i>Neomysis</i>                | S76   | <i>Intoshia</i>                              | B25   |
| integra, <i>Orthopyxis</i>              | D497  | intricata, <i>Philine</i>                    | W1041 |
| integratum, <i>Streblonema</i>          | ZR73  | intricata, <i>Tellamia</i>                   | ZS125 |
| Interleptomesochra                      | R1311 | intricata, <i>Trailiella</i>                 | ZM148 |
| intermedia, <i>Asellopsis</i>           | R1670 | invagiferoum, <i>Daptonema</i>               | HD512 |
| intermedia, <i>Astacilla</i>            | S954  | <i>invovens</i> , <i>Antho</i>               | C1112 |
| <i>intermedia</i> , <i>Balcis</i>       | W642  | invovens, <i>Antho</i>                       | C1113 |
| intermedia, <i>Bythocythere</i>         | R2477 | <i>invovens</i> , <i>Myxilla</i>             | C1113 |
| intermedia, <i>Chlorothrix</i>          | ZS37  | lone   | S1008 |
| intermedia, <i>Cholidya</i>             | R1006 | lophon                                       | C1050 |
| <i>intermedia</i> , <i>Danielssenia</i> | R1592 | <i>lophon</i>                                | C1056 |
| intermedia, <i>Elachista</i>            | ZR89  | lophonopsis                                  | C1056 |
| intermedia, <i>Euchirella</i>           | R457  | <i>lophonopsis</i>                           | C1056 |
| <i>intermedia</i> , <i>Eulima</i>       | W642  | <i>lophonopsis</i>                           | C1058 |
| intermedia, <i>Eusyllis</i>             | P381  | lothia                                       | W238  |
| intermedia, <i>Galathea</i>             | S1472 | lotrochota                                   | C1061 |
| intermedia, <i>Golfingia</i>            | N18   | lphimedia                                    | S378  |
| intermedia, <i>Hymenobdella</i>         | C566  | lphimediidae                                 | S377  |
| <i>intermedia</i> , <i>Melanella</i>    | W660  | lphinoe                                      | S1200 |
| intermedia, <i>Mesonerilla</i>          | P1038 | lphitime                                     | P609  |
| <i>intermedia</i> , <i>Mycale</i>       | C723  | Iravadiidae                                  | W406  |
| <i>intermedia</i> , <i>Natica</i>       | W491  | irelandica, <i>Eurycletodes</i>              | R1644 |
| intermedia, <i>Paramphiascella</i>      | R1203 | irelandica, <i>Parathalestris</i>            | R1074 |
| intermedia, <i>Parathalestris</i>       | R1073 | <i>irenae</i> , <i>Procerodes</i>            | F8    |
| <i>intermedia</i> , <i>Patella</i>      | W229  | iricolor, <i>Arabella</i>                    | P588  |
| <i>intermedia</i> , <i>Pleurocrypta</i> | S1013 | iris, <i>Sapphirina</i>                      | R1906 |
| intermedia, <i>Robertgurneya</i>        | R1236 | <i>iris</i> , <i>Yoldiella</i>               | W1620 |
| <i>intermedia</i> , <i>Sepiola</i>      | W2325 | Irona  | S833  |
| intermedia, <i>Xenotrichula</i>         | HB192 | Ironidae                                     | HD58  |
| intermedis, <i>Amathia</i>              | Y134  | irrasus, <i>Mesocletodes</i>                 | R1659 |
| intermedius, <i>Anomalohalacarus</i>    | Q85   | irregularis, <i>Astropecten</i>              | ZB26  |
| intermedius, <i>Asclerocheilus</i>      | P1022 | irregularis, <i>Audouinella</i>              | ZM94  |
| intermedius, <i>Cheirocratus</i>        | S505  | irregularis, <i>Erythrocladia</i>            | ZM30  |
| intermedius, <i>Diarthodes</i>          | R1104 | irregularis, <i>Feldmannia</i>               | ZR24  |
| intermedius, <i>Paracyatholaimus</i>    | HD315 | irregularis, <i>Tervia</i>                   | Y49   |
| intermedius, <i>Paramphilochooides</i>  | S169  | irrorata, <i>Neanthes</i>                    | P470  |
| intermedius, <i>Podon</i>               | R10   | <i>irrorata</i> , <i>Nereis</i>              | P470  |
| intermedius, <i>Scottopsyllus</i>       | R1426 | irroratus, <i>Monopylephorus</i>             | P1428 |
| Intermedopsyllus                        | R1425 | Irus   | W2117 |



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| irus, Irus                             | W2119        | Jania                            | ZM217 |
| <i>irus, Notirus</i>                   | W2119        | janinae, Hemilaophonte           | R1682 |
| Isaea                                  | S545         | Janira                           | S891  |
| Isaeidae                               | S537         | Janiridae                        | S883  |
| isaitshikovi, Halalaimus               | HD89         | JANIROIDEA                       | S882  |
| iscensis, Lineosoma                    | R891         | Janiropsis                       | S893  |
| ischiostosa, Jaera                     | S888         | Janolidae                        | W1405 |
| Ischnocalanus                          | R377         | Janolus                          | W1406 |
| Ischnochiton                           | W69          | janowiczi, Armorhydra            | D537  |
| Ischnochitonidae                       | W67          | Janthina                         | W582  |
| Ischnochitoninae                       | W68          | janthina, Janthina               | W585  |
| Ischyroceridae                         | S558         | Janthinidae                      | W581  |
| Ischyrocerus                           | S566         | Janua                            | P1370 |
| Isias                                  | R293         | Janusion                         | P1597 |
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| islandica, Bucephala                   | ZJ128        | japonicus, Scomber               | ZG510 |
| islandica, Chlamys                     | W1777        | Jasmineira                       | P1287 |
| islandica, Clytia                      | D504         | Jassa                            | S568  |
| islandica, Melinna                     | P1123        | Jaxea                            | S1411 |
| islandica, Trochaclis                  | W193         | jayasreei, Stephanolaimus        | HD439 |
| islandicus, Amauropsis                 | W499         | Jeanella                         | R778  |
| islandicus, Colus                      | W716         | jeangerardii, Vibilia            | S711  |
| islandicus, Sphaerolaimus              | HD557        | jecusculum, Hymedesmia           | C932  |
| <i>ismaelensis, Pseudamphiascopsis</i> | R1217        | <i>Jeffrey's Goby</i>            | ZG459 |
| Isobactrus                             | Q58          | jeffreysi, Alvania               | W342  |
| Isochaeta                              | R252         | <i>jeffreysi, Alvinia</i>        | W342  |
| isochaeta, Maupasia                    | P222         | <i>jeffreysi, Cerithiopsis</i>   | W274  |
| isochaeta, Parophryotrocha             | P631         | <i>jeffreysi, Eulima</i>         | W640  |
| Isochaetides                           | P1482        | <i>jeffreysi, Lyonsiella</i>     | W2274 |
| Isocyamus                              | S669         | jeffreysi, Moerella              | W2022 |
| Isodictya                              | C1434        | jeffreysi, Saxicavella           | W2172 |
| isodictyiformis, Oceanapia             | C1492        | <i>jeffreysi, Yoldia</i>         | W1623 |
| isogona, Polysiphonia                  | ZM670        | jeffreysianus, Colus             | W717  |
| Isohypsibius                           | V32          | <i>jeffreysii, Anaitides</i>     | P143  |
| Isomonina                              | W1810        | <i>jeffreysii, Aricidea</i>      | P682  |
| Isomya                                 | N31          | <i>jeffreysii, Aricidea</i>      | P684  |
| Isophelliidae                          | D725         | <i>jeffreysii, Aricidea</i>      | P685  |
| Isopilidae                             | P231         | jeffreysii, Buena                | ZG459 |
| ISOPILOIDEA                            | P230         | <i>jeffreysii, Cadulus</i>       | W1554 |
| ISOPODA                                | S790         | <i>jeffreysii, Desmacidon</i>    | C1493 |
| Isozoanthus                            | D657         | <i>jeffreysii, Gadila</i>        | W1554 |
| Isthmoplea                             | ZR199        | <i>jeffreysii, Lagisca</i>       | P70   |
| Istiophoridae                          | ZG520        | <i>jeffreysii, Lipobranchius</i> | P1024 |
| Istiophorus                            | ZG521        | jeffreysii, Notoplites           | Y273  |
| Isurus                                 | ZF13         | jeffreysii, Paramphinome         | P518  |
| Itonoa                                 | ZM376        | jeffreysii, Sthenelais           | P108  |
| Itunella                               | R1470        | jeffreysii, Turbonilla           | W978  |
| ivanovi, Oligobranchia                 | M6           | Jeffreysina                      | W892  |
| ivelli, Edwardsia                      | D768         | <i>Jelly Cat</i>                 | ZG417 |
| <i>Ivell's anemone</i>                 | D768         | <i>jenkinsii, Potamopyrgus</i>   | W393  |
| ivlevi, Oncaea                         | R1887        | jenseni, Pterobdellina           | P1615 |
| <i>Ivory Gull</i>                      | ZJ320        | <i>Jewel anemone</i>             | D775  |
| Ixartia                                | W2234        | <i>John Dory</i>                 | ZG209 |
| Ixobrychus                             | ZJ79         | johnsoni, Hamacantha             | C766  |
|  |              | <i>Johnson's Scabbardfish</i>    | ZG486 |
| <b>J</b>                               |              | <i>johnstoni, Amphitrite</i>     | P1206 |
| <b>Jack Snipe</b>                      | <b>ZJ263</b> | johnstoni, Baldia                | P905  |
| <i>Jack, Almaco</i>                    | ZG334        | johnstoni, Clymenura             | P958  |
| jacksoni, Escharoides                  | Y360         | <i>johnstoni, Clytia</i>         | D503  |
| jadensis, Huntemannia                  | R1609        | johnstoni, Escharina             | Y440  |
| jadertinum, Bittium                    | W262         | <i>johnstoni, Leiochone</i>      | P958  |
| Jaera                                  | S884         | <i>johnstoni, Leucandra</i>      | C92   |
| Jaeropsididae                          | S917         | johnstoni, Leuconia              | C92   |
| Jaeropsis                              | S918         | Johnstonia                       | P968  |
| jaltensis brooki, Siriella             | S37          | johnstonia, Pachymatisma         | C233  |
| jaltensis, Siriella                    | S36          | jonesi, Pseudotanais             | S1163 |

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| jonesi, Pterygocythereis                       | R2677        | <i>klarae</i> , <i>Phallodrilus</i>        | P1463 |
| Jonesia  | R2480        | <i>klarae</i> , <i>Thalassodrilus</i>      | P1463 |
| Jonesiella                                     | R1593        | <i>klatti</i> , <i>Glyphohesione</i>       | P340  |
| Jordaniella                                    | W945         | <i>klatti</i> , <i>Synelmis</i>            | P340  |
| Jorunna  | W1385        | Klebsormidium                              | ZS58  |
| Josephella                                     | P1354        | <i>kliei</i> , <i>Klieonychocamptus</i>    | R1697 |
| jubata, Calliblepharis                         | ZM320        | <i>kliei</i> , <i>Onychocamptus</i>        | R1697 |
| jucundus, Halichaetonotus                      | HB153        | <i>kliei</i> , <i>Stenocaris</i>           | R1538 |
| Jugaria  | P1376        | <i>Klieonychocamptus</i>                   | R1696 |
| Jujubinus                                      | W167         | <i>Klieosoma</i>                           | R888  |
| julini, Ciliocincta                            | B31          | <i>Kliopsyllus</i>                         | R1391 |
| julis, Coris                                   | ZG392        | <i>klugei</i> , <i>Crisia</i>              | Y18   |
| <i>junodi</i> , <i>Haloschizopera</i>          | R1194        | <i>klugei</i> , <i>Escharella</i>          | Y365  |
| Jupiteria                                      | W1592        | <i>Knifetooth Dogfish</i>                  | ZF62  |
| jurinei, Apherusa                              | S106         | <i>knoellneri</i> , <i>Lumbricillus</i>    | P1547 |
| <b>K</b>                                       |              | <i>Knot</i>                                | ZJ235 |
| <b><i>kalatdlitus</i>, <i>Lumbricillus</i></b> | <b>P1552</b> | <i>Knot</i> , <i>Great</i>                 | ZJ247 |
| Kallymenia                                     | ZM371        | <i>Knot</i> , <i>Red</i>                   | ZJ235 |
| Kallymeniaceae                                 | ZM365        | <i>kochi</i> , <i>Muggiaea</i>             | D116  |
| kaloensis, <i>Lumbricillus</i>                 | P1546        | <i>koehleri</i> , <i>Hymedesmia</i>        | C933  |
| karmensis, <i>Paralaophonte</i>                | R1728        | <i>koehleri</i> , <i>Protoglossus</i>      | ZC17  |
| katherinae, <i>Mesocletodes</i>                | R1660        | <i>koennekeri</i> , <i>Doto</i>            | W1280 |
| Katsuwonus                                     | ZG503        | <i>Kogia</i>                               | ZK49  |
| kefersteini, <i>Protodorvillea</i>             | P638         | <i>kolensis</i> , <i>Golfingia</i>         | N17   |
| Kefersteinia                                   | P304         | <i>Kontikia</i>                            | F50   |
| kefersteinii, <i>Loxosomella</i>               | K28          | <i>koreni</i> , <i>Lagis</i>               | P1107 |
| Kellia   | W1847        | <i>koreni</i> , <i>Pectinaria</i>          | P1107 |
| Kellicottia                                    | HA20         | <i>koreni</i> , <i>Pseudonychocamptus</i>  | R1748 |
| Kelliinae                                      | W1872        | <i>Korethraster</i>                        | ZB87  |
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| kempi, <i>Scalpellum</i>                       | R21          | <i>kornmannii</i> , <i>Chlorothrix</i>     | ZS38  |
| <i>Kemp's ridley</i>                           | ZI10         | <i>kossmanni</i> , <i>Portunion</i>        | S1043 |
| <i>Kentish Plover</i>                          | ZJ204        | <i>kostei</i> , <i>Encentrum</i>           | HA55  |
| Kentrodorididae                                | W1384        | <i>kosterensis</i> , <i>Phyllodoce</i>     | P176  |
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| kerathurus, <i>Penaeus</i>                     | S1284        | <i>kovalevskii</i> , <i>Arthropodaria</i>  | K51   |
| kersivalensis, <i>Nephtys</i>                  | P502         | <i>kowalevskii</i> , <i>Phoronis</i>       | ZA4   |
| kervillei, <i>Lohmannella</i>                  | Q131         | <i>kowalevskii</i> , <i>Sagitella</i>      | P235  |
| kervillei, <i>Parametopa</i>                   | S204         | <i>kowalevskyski</i> , <i>Saccoglossus</i> | ZC19  |
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| kewense, <i>Bipalium</i>                       | F44          | <i>Krachia</i>                             | W280  |
| kielensis, <i>Pycnophyes</i>                   | HC29         | <i>Kraussinidae</i>                        | X45   |
| <i>killariensis</i> , <i>Chaetozone</i>        | P846         | <i>krishnaswamyi</i> , <i>Echinoderes</i>  | HC8   |
| <i>killariensis</i> , <i>Heterocirrus</i>      | P846         | <i>kristenseni</i> , <i>Echinoderes</i>    | HC9   |
| <i>killariensis</i> , <i>Tharyx</i>            | P846         | <i>Kriithe</i>                             | R2517 |
| <i>Killdeer</i>                                | ZJ211        | <i>Kriithidae</i>                          | R2516 |
| <i>Killer Whale</i>                            | ZK35         | <i>croeyeri</i> , <i>Centropages</i>       | R290  |
| <i>Killer Whale</i> , <i>False</i>             | ZK33         | <i>croeyeri</i> , <i>Labidocera</i>        | R325  |
| <i>killieri</i> , <i>Notochaetosoma</i>        | HD389        | <i>croeyeri</i> , <i>Vanbenedenia</i>      | R2371 |
| kinahani, <i>Liljeborgia</i>                   | S396         | <i>krohni</i> , <i>Cliopsis</i>            | W1227 |
| kinbergi, <i>Enipo</i>                         | P44          | <i>krohni</i> , <i>Tomaria</i>             | ZC26  |
| <i>kinbergi</i> , <i>Polynoe</i>               | P43          | <i>Krohnia</i>                             | P201  |
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| Kirchenpaueria                                 | D454         | <i>kroyeri</i> , <i>Callisoma</i>          | S328  |
| Kirchenpaueriinae                              | D453         | <i>kroyeri</i> , <i>Laonome</i>            | P1292 |
| kisutch, <i>Oncorhynchus</i>                   | ZG48         | <i>kroyeri</i> , <i>Lernanthropus</i>      | R2299 |
| kitchingi, <i>Rhaphidostyla</i>                | C679         | <i>kroyeri</i> , <i>Munna</i>              | S905  |
| kitt, <i>Microstomus</i>                       | ZG574        | <i>kroyeri</i> , <i>Spiophanes</i>         | P796  |
| <i>Kittiwake</i>                               | ZJ324        | <i>kroyeri</i> , <i>Vibilia</i>            | S712  |
| <i>Kittiwake</i> , <i>Black-Legged</i>         | ZJ324        | <i>Kroyeria</i>                            | R2281 |
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| kunzi, Cylindropsyllus           | R1530        | lactifloreus, Amphiporus          | G89   |
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| kupfferi, Harrimania             | ZC15         | Lacuna                            | W285  |
| kupfferi, Orbinia                | P669         | lacunata, Codonellina             | Y416  |
| <i>kuriana</i> , Cyrtodaria      | W2168        | Lacuninae                         | W284  |
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| kylinii, Enteromorpha            | ZS158        | lacunosa, Clathrina               | C14   |
| kylinii, Kuckuckia               | ZR46         | <i>lacunosa</i> , Leucosolenia    | C14   |
|                                  |              | lacunosus, Chaetonotus            | HB136 |
|                                  |              | lacustre, Corophium               | S613  |
|                                  |              | <i>lacustris</i> , Cordylophora   | D285  |
|                                  |              | lacustris, Gammarus               | S477  |
|                                  |              | lacustris, Nitokra                | R1324 |
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|                                  |              | laevata, Palmoconcha              | R2613 |
|                                  |              | <i>laeve</i> , Leptophytum        | ZM260 |
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|                                  |              | laevigatum, Phymatolithon         | ZM256 |
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|                                  |              | laevis, Achelia                   | Q17   |
|                                  |              | laevis, Anapagurus                | S1449 |
|                                  |              | laevis, Cadlina                   | W1363 |
|                                  |              | laevis, Cylindropsyllus           | R1531 |
|                                  |              | laevis, Desmoscolex               | HD483 |
|                                  |              | laevis, Diastylis                 | S1251 |
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|                                  |              | laevis, Eulimella                 | W992  |
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|                                  |              | laevis, Malacocephalus            | ZG159 |
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|                                  |              | <i>laevis</i> , Orchestia         | S235  |
|                                  |              | <i>laevis</i> , Patina            | W234  |
|                                  |              | laevis, Porella                   | Y386  |
|                                  |              | laevis, Ranzania                  | ZG608 |
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|                                  |              | <i>laevis</i> , Turbo             | W604  |
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| labiosa, Escharella              | Y366         |                                   |       |
| labiosa, Rissoa                  | W329         |                                   |       |
| labis, Notholca                  | HA30         |                                   |       |
| labracis, Caligus                | R2217        |                                   |       |
| labracis, Hatschekia             | R2292        |                                   |       |
| labradoriensis, Oikopleura       | ZD166        |                                   |       |
| labrax, Dicentrarchus            | ZG312        |                                   |       |
| labrei, Leposiphilus             | R2043        |                                   |       |
| Labridae                         | ZG386        |                                   |       |
| labrofimbriata, Lumbrineris      | P581         |                                   |       |
| Labrostratus                     | P594         |                                   |       |
| labrosa, Phylactella             | Y421         |                                   |       |
| labrostriatus, Enoploides        | HD16         |                                   |       |
| labrosum, Halecium               | D393         |                                   |       |
| labrosus, Chelon                 | ZG380        |                                   |       |
| Labrus                           | ZG398        |                                   |       |
| labyrinthica, Aka                | C1487        |                                   |       |
| <i>labyrinthica</i> , Cliona     | C1487        |                                   |       |
| lacazei, Aegaeon                 | S1382        |                                   |       |
| lacazei, Eurypon                 | C1290        |                                   |       |
| <i>lacazei</i> , Hymeraphia      | C1290        |                                   |       |
| lacazei, Poliopsis               | G77          |                                   |       |
| lacazei, Polysyncrator           | ZD57         |                                   |       |
| lacerata, Opercularella          | D341         |                                   |       |
| laceratus, Sagartiogeton         | D721         |                                   |       |
| lacerta, Conchoecia              | R2450        |                                   |       |
| lacertosa, Leptocythere          | R2598        |                                   |       |
| laciniata, Callophyllis          | ZM370        |                                   |       |
| <i>laciniata</i> , Polyneura     | ZM600        |                                   |       |
| laciniata, Porphyra              | ZM57         |                                   |       |
| laciniatum, Erythroglossum       | ZM600        |                                   |       |
| <i>laciniosa</i> , Isodictya     | C1132        |                                   |       |
| lactea, Alvania                  | W343         |                                   |       |
| lactea, Arca                     | W1676        |                                   |       |
| <i>lactea</i> , Arca             | W1676        |                                   |       |
| <i>lactea</i> , Arcopsis         | W1676        |                                   |       |
| <i>lactea</i> , Hypereteone      | P124         |                                   |       |
| <i>lactea</i> , Massotia         | W343         |                                   |       |
| <i>lactea</i> , Microhedyle      | W1105        |                                   |       |
| lactea, Micrura                  | G63          |                                   |       |
| <i>lactea</i> , Myriastr         | C207         |                                   |       |
| <i>lactea</i> , Pilochocta       | C207         |                                   |       |
| lactea, Stelletta                | C207         |                                   |       |
| lactea, Turbonilla               | W971         |                                   |       |
| lacteam, Bittium                 | W265         |                                   |       |
| lacteam, Dendrocoelum            | F39          |                                   |       |
| <i>lacteam simplex</i> , Bittium | W265         |                                   |       |
| lacteus, Enchytraeus             | P1513        |                                   |       |
| lacteus, Myoisophagos            | G69          |                                   |       |
| lacteus, Ocnus                   | ZB275        |                                   |       |

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| Lagocephalus                        | ZG602 | langerhansi, Demonax                  | P1274 |
| lagocephalus, Lagocephalus          | ZG603 | <i>Langerhansia</i>                   | P348  |
| lahillei, Didemnum                  | ZD53  | langi, Chaetogaster                   | P1411 |
| Laimella                            | HD252 | langi, Discocelides                   | F74   |
| lajonkaireana, Retusa obtusa var.   | W1078 | langi, Microdajus                     | R141  |
| lamarcki, Gorgonocephalus           | ZB114 | langi, Paranannopus                   | R1601 |
| lamarcki, Pomatoceros               | P1340 | langiaegeminus, Amphiporus            | G90   |
| <i>lamarckii</i> , <i>Cardium</i>   | W1962 | langrunensis, Viscosia                | HD133 |
| lamarckii, Carinaria                | W524  | Lanice                                | P1194 |
| lamarckii, Cyanea                   | D45   | lankesteri, Halecium                  | D394  |
| <i>lamarckii</i> , <i>Vermilia</i>  | P1340 | lankesteri, Maxmuelleria              | O18   |
| Lamellaria                          | W467  | <i>lankesteri</i> , <i>Thalassema</i> | O18   |
| LAMELLARIACEA                       | W454  | lanosa, Mesogloia                     | ZR223 |
| Lamellariidae                       | W466  | lanosa, Polysiphonia                  | ZM671 |
| lamellatus, Stephos                 | R516  | <i>Lantern-shark, Greater</i>         | ZF59  |
| lamellifer, Typhlamphiascus         | R1277 | lanuginosa, Audouinella               | ZM96  |
| lamellifera, Laophontopsis          | R1754 | Laodicea                              | D300  |
| lamelligera, Eusyllis               | P382  | Laodiceidae                           | D299  |
| lamelligera, Phyllodoce             | P179  | LAODICEOIDEA                          | D298  |
| lamelligera, Pionosyllis            | P398  | Laomedea                              | D511  |
| lamellosum, Epitonium               | W551  | Laomediidae                           | S1410 |
| lamellosus, Copidognathus           | Q101  | Laona                                 | W1047 |
| lamii, Phymatolithon                | ZM257 | Laonice                               | P731  |
| <i>Laminaria</i>                    | HD132 | Laonome                               | P1291 |
| <i>Laminaria</i>                    | HD137 | Laophonte                             | R1698 |
| <i>Laminaria</i>                    | HD353 | Laophontidae                          | R1667 |
| <i>Laminaria</i>                    | HD38  | Laophontina                           | R1721 |
| <i>Laminaria</i>                    | HD65  | Laophontodes                          | R1778 |
| <i>Laminaria</i>                    | HD66  | Laophontodinae                        | R1777 |
| Laminaria                           | ZR349 | laophontoides, Platychelipus          | R1739 |
| Laminariaceae                       | ZR348 | Laophontopsidae                       | R1752 |
| laminariae, Litosiphon              | ZR151 | Laophontopsis                         | R1753 |
| LAMINARIALES                        | ZR338 | Laphania                              | P1196 |
| Laminariocolax                      | ZR51  | lapidaria, Terebella                  | P1223 |
| laminata, Amalothrix                | R580  | lapidum, Glycera                      | P260  |
| laminosa, Phyllodoce                | P180  | lapillus, Nucella                     | W687  |
| Lamipella                           | R2053 | lapponica, Limosa                     | ZJ260 |
| Lamippe                             | R2051 | <i>Lapwing</i>                        | ZJ221 |
| Lamippidae                          | R2046 | <i>lapwing</i> , <i>Northern</i>      | ZJ221 |
| Lamna                               | ZF15  | <i>Lapwing</i> , <i>Sociable</i>      | ZJ213 |
| lamna vermi, Nemesis                | R2278 | <i>Lapwing</i> , <i>White Tailed</i>  | ZJ214 |
| Lamnidae                            | ZF12  | laqueata, Escharella                  | Y367  |
| LAMNIFORMES                         | ZF11  | Laqueidae                             | X55   |
| lamornae, Hemimysis                 | S72   | laqueus, Taeniacanthus                | R2010 |
| lamourouxii, Pedobesia              | ZS239 | <i>Large Argentine</i>                | ZG57  |
| lampas, Charonia                    | W513  | Laridae                               | ZJ300 |
| lampas, Trypetesa                   | R90   | Larnacicus                            | Y236  |
| <i>Lampern</i>                      | ZE11  | Larus                                 | ZJ301 |
| Lampetra                            | ZE10  | larus, Chaetonotus                    | HB137 |
| <i>Lamprey</i> , <i>Sea</i>         | ZE13  | larvaeformis, Danalia                 | S972  |
| lampri, Clavellistes                | R2343 | larynx, Tubularia                     | D167  |
| Lamprididae                         | ZG214 | Lasaea                                | W1879 |
| LAMPRIDIFORMES                      | ZG213 | Lasaeinae                             | W1878 |
| Lampris                             | ZG215 | lascaris, Solea                       | ZG590 |
| Lampropidae                         | S1238 | lastoviza, Trigloporus                | ZG272 |
| Lamprops                            | S1242 | <i>lata</i> , <i>Leda</i>             | W1623 |
| Lanassa                             | P1191 | latens, Lamellaria                    | W469  |
| Lanceola                            | S697  | latericeus, Notomastus                | P921  |
| lanceolata, Traviopsis              | P237  | latericia, Hersiliodes                | R1924 |
| lanceolatus, Hyperoplus             | ZG449 | laterna, Arnoglossus                  | ZG562 |
| Lanceolidae                         | S696  | laterocompressa, Lepetella            | W247  |
| LANCEOLOIDEA                        | S695  | <i>laticauda</i> , <i>Callianassa</i> | S1416 |
| <i>Lancetfish</i> , <i>Longnose</i> | ZG77  | laticauda, Eurycletodes               | R1640 |
| lancifer, Synisoma                  | S945  | laticaudatus, Leptastacus             | R1509 |
| landsborovii, Smittina              | Y459  | laticaudatus, Mesodasys               | HB29  |
| langerhansi, Autolytus              | P440  | laticeps, Euaugaptilus                | R180  |

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| laticolle, Phanoderma                          | HD52  | <i>lefevrei</i> , <i>Cucumaria</i>                 | ZB278       |
| laticorne, Acidostoma                          | S273  | legendrei, Campylaspis                             | S1218       |
| latidens, Polycirrus                           | P1241 | legumen, Pharus                                    | W2004       |
| latifolia, Halymenia                           | ZM294 | lehmanniana, Cladophora                            | ZS205       |
| latifolia, Punctaria                           | ZR179 | leiomerus, Simognathus                             | Q126        |
| latifolium, Gelidium                           | ZM158 | leiopygos, Clymenura                               | P959        |
| latifolius, Dactylopodamphiascopsis            | R1181 | <i>leiopygos</i> , <i>Leiochone</i>                | <i>P959</i> |
| latifrons, Gaetanus                            | R466  | Leitoscoloplos                                     | P656        |
| latifurca, Pseudomesochra                      | R1223 | <i>lejolisii</i> , <i>Pneophyllum</i>              | ZM265       |
| latimana, Metopa                               | S195  | lejolisii, Stilopsis                               | ZR265       |
| <i>latipes</i> , <i>Amphithopsis</i>           | S219  | leloupi, Leptochiton                               | W56         |
| latipes, Cystisoma                             | S719  | <i>lemaniformis</i> , <i>Gracilariopsis</i>        | ZM436       |
| latipes, Lophothrix                            | R590  | Lembos   | S584        |
| latipes, Paradactylopodia                      | R1113 | lemchei, Doto                                      | W1281       |
| <i>latipes</i> , <i>Parapleustes</i>           | S150  | <i>lemchei</i> , <i>Jorunna</i>                    | W1386       |
| latipes, Portumnus                             | S1596 | lemoineae, Lithothamnion                           | ZM240       |
| latipes, Stenopleustes                         | S150  | <i>Lemon Sole</i>                                  | ZG574       |
| <i>latipes</i> , <i>Stenothoides</i>           | S219  | lendigera, Amathia                                 | Y135        |
| latirostris, Cletodes                          | R1564 | lenormandii, Haraldia                              | ZM606       |
| latisetosa, Acartia                            | R345  | lenormandii, Phymatolithon                         | ZM258       |
| latisetus, Copidognathus                       | Q102  | lens, Ulvella                                      | ZS133       |
| latissima, Dairella                            | S744  | Lensia   | D107        |
| latissimum, Cytheropteron                      | R2532 | lenta, Hymedesmia                                  | C935        |
| latissimus, Lestrigonus                        | S738  | <i>lenticula</i> , <i>Yoldia</i>                   | W1624       |
| <i>latreille</i> , <i>Hyperia</i>              | S730  | lenticula, Yoldiella                               | W1624       |
| latreilli, Lumbrineris                         | P582  | lentiginosus, Botaurus                             | ZJ70        |
| latreillii, Aapseudes                          | S1175 | Leocrates  | P308        |
| <i>latreillii</i> , <i>Aricia</i>              | P664  | <i>Leopard-spotted Goby</i>                        | ZG483       |
| latreillii, Cecrops                            | R2256 | Lepadella  | HA26        |
| latreillii, Orbinia                            | P664  | Lepadidae  | R24         |
| Latrunculia                                    | C505  | lepadiformis, Clavelina                            | ZD7         |
| Latrunculiidae                                 | C503  | Lepadogaster                                       | ZG87        |
| latus, Asterocheres                            | R2074 | lepadogaster, Lepadogaster                         | ZG89        |
| latus, Eurycletodes                            | R1645 | <i>lepadogaster purpurea</i> , <i>Lepadogaster</i> | ZG89        |
| latus, Hagiosynodos                            | Y520  | LEPADOMORPHA                                       | R16         |
| laubieri, Aricidea                             | P686  | Lepas  | R32         |
| <i>Laughing Gull</i>                           | ZJ303 | Lepeophtheirus                                     | R2221       |
| Laurencia                                      | ZM640 | Lepeta   | W236        |
| <i>laurentica</i> , <i>Paramesochra</i>        | R1396 | Lepetella  | W246        |
| laurenticus, Kliopsyllus                       | R1396 | LEPETELLACEA                                       | W244        |
| <i>lavaretus oxyrinchus</i> , <i>Coregonus</i> | ZG45  | Lepetellidae                                       | W245        |
| lavaretus, Coregonus                           | ZG45  | Lepetidae  | W235        |
| <i>laxa</i> , <i>Barentsia</i>                 | K52   | Lepidasthenia                                      | P77         |
| <i>laxa</i> , <i>Barentsia</i>                 | K54   | Lepidepcreum                                       | S300        |
| Laxosuberites                                  | C393  | Lepidion   | ZG151       |
| leachi, Botrylloides                           | ZD128 | Lepidochelys                                       | Z110        |
| leachii, Okenia                                | W1310 | Lepidochitona                                      | W77         |
| <i>Leach's Petrel</i>                          | ZJ46  | Lepidochitoninae                                   | W76         |
| <i>Leach's Storm-petrel</i>                    | ZJ46  | Lepidodasyidae                                     | HB14        |
| Leaena   | P1198 | Lepidodasyis                                       | HB23        |
| Leander  | S1313 | Lepidodermella                                     | HB172       |
| Leanira  | P97   | Lepidomenia  | W20         |
| <i>Least Sandpiper</i>                         | ZJ242 | Lepidomeniidae                                     | W19         |
| <i>Leatherback turtle</i>                      | ZI15  | Lepidonotus  | P80         |
| <i>leathery turtle</i>                         | ZI15  | <i>Lepidopleurus</i>                               | W50         |
| Leathesia                                      | ZR244 | Lepidopleurus                                      | W53         |
| Lebbeus  | S1351 | Lepidopus  | ZG494       |
| Lebetus  | ZG471 | Lepidorhombus                                      | ZG547       |
| Leblondiella                                   | ZR148 | <i>lepidota</i> , <i>Callizonella</i>              | P202        |
| Lecanidae                                      | HA32  | lepidota, Krohnia                                  | P202        |
| lecanoides var. roscoffensis, Porcellidium     | R1030 | lepidus, Adoncholaimus                             | HD106       |
| lecanoides, Porcellidium                       | R1029 | <i>lepidus</i> , <i>Adoncholaimus</i>              | HD107       |
| Ledella  | W1597 | <i>lepisma</i> , <i>Scina</i>                      | S688        |
| Ledellinae                                     | W1596 | Leponiscus   | S960        |
| lefevreae, Acartia                             | R346  | Leposphilus  | R2042       |
| lefevrei, Campylaimus                          | HD619 | Lepraliella  | Y379        |

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| Lepraliellidae             | Y378  | lepturus, Paralinhomoeus          | HD578 |
| LEPRALIELLOIDEA            | Y346  | lepturus, Trichiurus              | ZG497 |
| lepralioides, Lagenipora   | Y502  | Leptychaster                      | ZB33  |
| LEPRALIOMORPHA             | Y404  | Lequerrea                         | R747  |
| Leptanthura                | S807  | Lernaeenicus                      | R2304 |
| Leptastacidae              | R1499 | Lernaeocera                       | R2307 |
| Leptastacus                | R1508 | Lernaeodiscidae                   | R107  |
| Leptasterias               | ZB101 | Lernaeodiscus                     | R108  |
| Leptinogaster              | R1927 | Lernaeopoda                       | R2346 |
| Leptocaris                 | R932  | Lernaeopodidae                    | R2321 |
| leptochaete, Entocladia    | ZS94  | Lernaeopodina                     | R2349 |
| Leptocheirus               | S586  | Lernanthropidae                   | R2296 |
| Leptocheilia               | S1113 | Lernanthropus                     | R2297 |
| leptochirus, Inachus       | S1527 | Lernentoma                        | R2030 |
| Leptochiton                | W50   | leschenaultii, Charadrius         | ZJ208 |
| Leptochitonidae            | W48   | <i>Lesser Black-backed Gull</i>   | ZJ307 |
| Leptochitoninae            | W49   | <i>Lesser Crested Tern</i>        | ZJ338 |
| Leptocletodes              | R1652 | <i>Lesser Scaup</i>               | ZJ114 |
| Leptoclinides              | ZD62  | <i>Lesser Weever</i>              | ZG405 |
| Leptoclinus                | ZG426 | <i>Lesser White-fronted Goose</i> | ZJ111 |
| Leptocythere               | R2595 | <i>Lesser Yellowlegs</i>          | ZJ282 |
| Leptocytheridae            | R2590 | Lestrignonus                      | S737  |
| leptoderma, Hastigerella   | R884  | Lesueurigobius                    | ZG474 |
| leptoderma, Kornmannia     | ZS47  | lesueurii, Limacina               | W1175 |
| leptoderma, Sicameira      | R1371 | Leucaltidae                       | C22   |
| leptodermatus, Lichomolgus | R1851 | Leucaltis                         | C27   |
| Leptoganthiopsis           | S1124 | <i>Leucandra</i>                  | C88   |
| leptognatha, Pseudobradya  | R909  | leucas, Delphinapterus            | ZK45  |
| Leptognathia               | S1131 | leuckarti, Podon                  | R11   |
| <i>Leptognathia</i>        | S1137 | leuckarti, Protohydra             | D147  |
| Leptognathiinae            | S1130 | Leuckartiara                      | D237  |
| Leptolabis                 | C962  | leuckartii, Sphaeronella          | R2160 |
| Leptolaimidae              | HD420 | Leucon                            | S1211 |
| LEPTOLAIMINA               | HD419 | Leuconia                          | C88   |
| Leptolaimus                | HD429 | Leuconiidae                       | S1204 |
| LEPTOLIDA                  | D138  | Leucophytia                       | W1508 |
| Leptomesochra              | R1312 | <i>leucopsis, Monstrilla</i>      | R2376 |
| Leptometra                 | ZB14  | leucopsis, Branta                 | ZJ123 |
| Leptomysini                | S57   | leucopterus, Chlidonias           | ZJ330 |
| Leptomysis                 | S58   | leucorhoa, Oceanodroma            | ZJ46  |
| Lepton                     | W1882 | leucorodia, Platalea              | ZJ85  |
| leptonema, Audouinella     | ZM97  | Leucosiidae                       | S1502 |
| Leptonematella             | ZR94  | LEUCOSIOIDEA                      | S1501 |
| Leptonemella               | HD377 | Leucosolenia                      | C53   |
| Leptonidae                 | W1884 | LEUCOSOLENIIDA                    | C49   |
| Leptopentacta              | ZB279 | Leucosoleniidae                   | C50   |
| Leptophoxus                | S259  | leucosticta, Porphyra             | ZM58  |
| Leptophytum                | ZM221 | Leucothoe                         | S176  |
| Leptoplana                 | F81   | Leucothoidae                      | S175  |
| leptoplanae, Intoshia      | B26   | LEUCOTHOIDEA                      | S142  |
| Leptoplanidae              | F80   | leucura, Chettusia                | ZJ214 |
| Leptopontia                | R1548 | <i>leufroyi, Philbertia</i>       | W864  |
| Leptopontiinae             | R1545 | <i>leufroyi, Raphitoma</i>        | W864  |
| Leptopsammia               | D802  | Leufroyia                         | W863  |
| Leptopsyllus               | R1403 | leveillei, Liebmannia             | ZR221 |
| Leptosiphonia              | ZM644 | levinseni, Cephalodiscus          | ZC11  |
| leptosoma, Halalaimus      | HD90  | levinseni, Traviopsis             | P238  |
| Leptosomatidae             | HD67  | Levinsenia                        | P692  |
| Leptosomatides             | HD70  | levis, Isobactrus                 | Q59   |
| Leptosomatum               | HD72  | levispira, Cliona                 | C481  |
| LEPTOSTRACA                | S3    | leydigi, Brachionis               | HA10  |
| Leptostylis                | S1259 | Liagora                           | ZM136 |
| leptostylis, Anthessius    | R1984 | Liagoraceae                       | ZM131 |
| <i>Leptosynapta</i>        | W1898 | liagorae, Strepsithalia           | ZR237 |
| Leptosynapta               | ZB291 | liber, Pseudanthessius            | R1867 |
| LEPTOTHECATAE              | D295  | licha, Dalatias                   | ZF55  |

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| lichenoides, Hornera        | Y57   | Limicola                     | ZJ253 |
| lichenoides, Mesophyllum    | ZM248 | limicola, Amphiascoides      | R1153 |
| Lichenopora                 | Y62   | limicola, Cletodes           | R1565 |
| Lichenoporidae              | Y61   | limicola, Munna              | S906  |
| Lichomolgella               | R1839 | limicola, Palmenella         | R2508 |
| Lichomolgidae               | R1822 | limicola, Polydora           | P758  |
| Lichomolgides               | R1841 | limicola, Sthenelais         | P109  |
| Lichomolgidium              | R1843 | limicolus, Leptolaimus       | HD432 |
| Lichomolgus                 | R1845 | Limidae                      | W1736 |
| lieberkuhni, Hymedesmia     | C936  | Limifossoridae               | W4    |
| Liebmannia                  | ZR220 | limitatum, Pneophyllum       | ZM266 |
| liebmanniae, Strepsithalia  | ZR238 | limnaei, Chaetogaster        | P1412 |
| liechtensternii, Myrionema  | ZR120 | Limnocalanus                 | R295  |
| liefdeensis, Enchytraeus    | P1514 | Limnodriloides               | P1469 |
| ligerica, Boccardiella      | P730  | Limnodriloidinae             | P1468 |
| Ligia                       | S1054 | Limnodrilus                  | P1480 |
| LIGIAMORPHA                 | S1051 | Limnodromus                  | ZJ255 |
| Ligiidae                    | S1053 | LIMNOMEDUSAE                 | D522  |
| lignarius, Scaphander       | W1019 | Limnoria                     | S836  |
| <i>ligni, Polydora</i>      | P753  | limnoriae, Aspidococoncha    | R2636 |
| lignorum, Limnoria          | S838  | limnoriae, Donsiella         | R1131 |
| ligulata, Desmarestia       | ZR336 | Limnoriidae                  | S835  |
| ligulata, Tomopteris        | P249  | limogena, Lepidodermella     | HB173 |
| ligulatum, Halarachnion     | ZM339 | LIMOIDA                      | W1734 |
| ligusticum, Scutellidium    | R981  | LIMOPSACEA                   | W1677 |
| lilacina porifera, Rissoa   | W331  | Limosa                       | ZJ258 |
| lilacina rufilabrum, Rissoa | W332  | limosa, Limosa               | ZJ261 |
| lilacina, Rissoa            | W330  | linaresi, Macropodia         | S1531 |
| liliacea, Tubulipora        | Y30   | Lindia                       | HA40  |
| Liljeborgia                 | S395  | Lindiidae                    | HA39  |
| Liljeborgiidae              | S394  | lindrothi, Euclymene         | P962  |
| LILJEBORGIOIDEA             | S393  | lindstroemi, Ampharete       | P1139 |
| lilljeborgi, Anonyx         | S279  | linearis, Caprella           | S646  |
| lilljeborgi, Asterocheres   | R2075 | linearis, Cephalothrix       | G10   |
| lilljeborgi, Leucothoe      | S178  | linearis, Crystallogobius    | ZG461 |
| lilljeborgi, Mesochra       | R1479 | linearis, Idotea             | S939  |
| lilljeborgi, Micrenophrys   | ZG279 | linearis, Oithona            | R621  |
| lilljeborgi, Spirontocaris  | S1356 | linearis, Orthopsyllus       | R1497 |
| lilljeborgi, Tanaissus      | S1169 | <i>linearis, Philbertia</i>  | W861  |
| lilljeborgii, Philomedes    | R2422 | linearis, Porphyra           | ZM59  |
| Lima                        | W1741 | linearis, Raphitoma          | W861  |
| lima, Philine               | W1042 | linearis, Schizomavella      | Y474  |
| LIMACEA                     | W1735 | linearis, Tubulanus          | G31   |
| Limacia                     | W1353 | lineata, Anaitides           | P142  |
| Limacina                    | W1166 | lineata, Brumptiana          | P1586 |
| limacina, Clione            | W1230 | lineata, Callopora           | Y205  |
| limacina, Ophelia           | P1001 | lineata, Coryphella          | W1419 |
| LIMACINACEA                 | W1164 | lineata, Diadumene           | D707  |
| Limacinidae                 | W1165 | <i>lineata, Flabellina</i>   | W1419 |
| Limanda                     | ZG571 | lineata, Kroyeria            | R2282 |
| limanda, Limanda            | ZG572 | <i>lineata, Phyllodoce</i>   | P142  |
| limandae, Acanthochondria   | R2019 | lineata, Tritonia            | W1251 |
| Limapontia                  | W1134 | lineatus, Lumbricillus       | P1548 |
| Limapontiidae               | W1133 | lineatus, Osilinus           | W177  |
| Limaria                     | W1739 | <i>lineatus, Pachydrilus</i> | P1548 |
| Limatula                    | W1744 | lineatus, Phtheirichthys     | ZG324 |
| Limatulella                 | W1742 | linei, Intoshia              | B27   |
| limbata, Acervochalina      | C1395 | Lineidae                     | G47   |
| limbata, Brania             | P413  | Lineosoma                    | R890  |
| <i>limbata, Chalina</i>     | C1395 | Lineus                       | G50   |
| <i>limbata, Grubea</i>      | P413  | Ling                         | ZG129 |
| <i>limbata, Haliclona</i>   | C1395 | <i>Ling, Blue</i>            | ZG127 |
| <i>limbata, Mystides</i>    | P136  | <i>Ling, Spanish</i>         | ZG128 |
| limbata, Pseudomystides     | P136  | lingua, Mycale               | C724  |
| limbata, Pterocirrus        | P187  | <i>lingua, Mycale</i>        | C730  |
| Limea                       | W1749 | <i>lingua, Rhapsiodesma</i>  | C724  |

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| linguaeformis, Chaetonotus            | HB138 | <i>Little Stint</i>                           | ZJ241 |
| lingulata, Enteromorpha               | ZS159 | <i>Little Tern</i>                            | ZJ335 |
| lingvura, Leptomysis                  | S60   | <i>Little Tunny</i>                           | ZG502 |
| Linhomoeidae                          | HD566 | <i>Little Whimbrel</i>                        | ZJ269 |
| Linhomoeus                            | HD573 | littorale, Microarthridion                    | R946  |
| <i>Linhomoeus</i>                     | HD573 | littorale, Pycnogonum                         | Q51   |
| <i>Linhomoeus</i>                     | HD576 | littoralis, Achaeta                           | P1503 |
| liniformis, Cladophora                | ZS206 | littoralis, Amphiascoides                     | R1154 |
| <i>linum</i> , <i>Chaetomorpha</i>    | ZS189 | littoralis, Apodopsyllus                      | R1387 |
| linum, Chaetomorpha                   | ZS192 | littoralis, Batillipes                        | V8    |
| linza, Enteromorpha                   | ZS160 | littoralis, Callistocythere                   | R2593 |
| linziformis, Enteromorpha             | ZS161 | littoralis, Cephalodasys                      | HB17  |
| Liocarcinus                           | S1577 | littoralis, Cyclopinoides                     | R650  |
| lionensis, Haloschizopera             | R1192 | littoralis, Halichaetonotus                   | HB154 |
| Lionucula                             | W1577 | littoralis, Harpacticus                       | R960  |
| Liostomia                             | W948  | littoralis, Heterolaophonte                   | R1687 |
| Liparis                               | ZG295 | <i>littoralis</i> , <i>Leptopsyllus</i>       | R1387 |
| liparis, Liparis                      | ZG296 | <i>littoralis</i> , <i>Littorina</i>          | W302  |
| Lipophrys                             | ZG411 | littoralis, Mesodasys                         | HB30  |
| Liriope                               | D561  | littoralis, Pilayella                         | ZR60  |
| Liriopsidae                           | S970  | littoralis, Platychelipus                     | R1740 |
| Liriopsis                             | S973  | littoralis, Procerodes                        | F6    |
| Liripora                              | Y45   | littoralis, Sacodiscus                        | R978  |
| Lironecinae                           | S832  | littoralis, Synchaeta                         | HA83  |
| Lissoclinum                           | ZD64  | littoralis, Umbonula                          | Y349  |
| Lissodendoryx                         | C1066 | <i>littoralis</i> , <i>Upogebia</i>           | S1420 |
| listense, Encentrum                   | HA56  | littorea, Littorina                           | W296  |
| listensis, Ameira                     | R1292 | <i>littorea</i> , <i>Orchestia</i>            | S234  |
| listensis, Apodopsyllus africanus     | R1385 | Littorina                                     | W294  |
| listensis, Apodopsyllus africanus     | R1385 | <i>littorina</i> , <i>Ampithoe</i>            | S534  |
| listensis, Ectinosoma reductum        | R842  | LITTORINACEA                                  | W282  |
| listensis, Microphthalmus             | P331  | Littorinidae                                  | W283  |
| listensis, Schizopera meridionalis    | R1254 | Littorininae                                  | W293  |
| listeri, Perophora                    | ZD78  | lividus, Paracentrotus                        | ZB202 |
| listerianum, Diplosoma                | ZD59  | Liza  | ZG381 |
| Listriella                            | S398  | lizae, Ergasilus                              | R1791 |
| LITHISTIDA                            | C281  | Lizzia  | D266  |
| Lithoderma                            | ZR102 | Ijungmani, Harmothoe                          | P66   |
| Lithodermataceae                      | ZR96  | lloydii, Cerianthus                           | D632  |
| Lithodes                              | S1438 | LOBATA  | E7    |
| Lithodidae                            | S1437 | lobata, Amalothrix                            | R581  |
| lithophagella, Coralliophaga          | W2077 | <i>lobata</i> , <i>Caprella</i>               | S646  |
| Lithophyllum                          | ZM225 | lobata, Cliona                                | C482  |
| Lithothamnion                         | ZM235 | <i>lobata</i> , <i>Corybas</i>                | C725  |
| <i>Lithothamnion</i>                  | ZM252 | lobata, Gammaropsis                           | S540  |
| Litocorsa                             | P341  | lobata, Mycale                                | C725  |
| litorale, Sigmophoranema              | HD367 | lobata, Parachevreuxiella                     | S324  |
| litorale, Titanoderma                 | ZM279 | lobata, Procerodes                            | F7    |
| <i>litorale</i> , <i>Titanoderma</i>  | ZM279 | lobatus, Gastrosaccus                         | S41   |
| littoralis, Christerius               | P1475 | lobatus, Phalaropus                           | ZJ273 |
| littoralis, Enoplolaimus              | HD21  | lobescens, Pneophyllum                        | ZM267 |
| littoralis, Paranais                  | P1420 | lobiancoi, Pontella                           | R329  |
| <i>littoralis</i> , <i>Tubifex</i>    | P1475 | lobiancoi, Prodajus                           | S977  |
| <i>littorea</i> , <i>Chaetomorpha</i> | ZS189 | lobifera, Ophryotrocha                        | P620  |
| littorina, Paludinella                | W405  | lobifera, Tubulipora                          | Y31   |
| Litosiphon                            | ZR150 | <i>lobocercus</i> , <i>Mesodasys</i>          | HB29  |
| <i>Little Auk</i>                     | ZJ351 | <i>lobularis</i> , <i>Halisarca</i>           | C163  |
| <i>Little Bittern</i>                 | ZJ80  | lobularis, Oscarella                          | C163  |
| <i>Little Crake</i>                   | ZJ178 | <i>lobularis</i> , <i>Oscarella</i>           | C164  |
| <i>Little Curlew</i>                  | ZJ269 | locusta, Gammarus                             | S478  |
| <i>Little Egret</i>                   | ZJ78  | <i>locusta</i> , <i>Talitrus</i>              | S241  |
| <i>Little Grebe</i>                   | ZJ19  | <i>lofotense</i> , <i>Siphonodentalium</i>    | W1541 |
| <i>Little Gull</i>                    | ZJ314 | lofotensis, Rhizocrinus                       | ZB6   |
| <i>Little Plover</i>                  | ZJ206 | <i>lofotensis</i> , <i>Tealia felina</i> var. | D683  |
| <i>Little Ringed Plover</i>           | ZJ206 | <i>Loggerhead sea turtle</i>                  | ZI8   |
| <i>Little Shearwater</i>              | ZJ34  | Lohmannella                                   | Q129  |



|                                     |       |   |       |
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| Lohmannellinae                      | Q128  | longicornis, Astacilla                  | S955  |
| Loimia                              | P1200 | longicornis, Cyclopinoides              | R651  |
| Loliginidae                         | W2335 | longicornis, Haloptilus                 | R194  |
| Loligo                              | W2336 | longicornis, Heterostylites             | R246  |
| Lomanotica                          | R2033 | longicornis, Lucicutia                  | R261  |
| Lomanotidae                         | W1255 | <i>longicornis</i> , <i>Lysianassa</i>  | S303  |
| Lomanotus                           | W1256 | longicornis, Monstrilla                 | R2381 |
| lomation, Cryptonemia               | ZM285 | longicornis, Nematopagurus              | S1453 |
| Lomentaria                          | ZM454 | longicornis, Pisidia                    | S1482 |
| lomentaria, Scytosiphon             | ZR194 | <i>longicornis</i> , <i>Porcella</i>    | S1482 |
| Lomentariaceae                      | ZM453 | <i>longicornis</i> , <i>Pseudocuma</i>  | S1235 |
| lomvia, Uria                        | ZJ360 | longicornis, Pseudocuma                 | S1236 |
| <i>Long Rough Dab</i>               | ZG568 | longicornis, Temora                     | R304  |
| <i>longa, Eteone</i>                | P117  | longicornis, Tisbe                      | R999  |
| <i>longa, Eteone</i>                | P118  | longicruris, Laminaria                  | ZR352 |
| <i>longa, Metridia</i>              | R272  | longidentata, Ophryotrocha              | P621  |
| longarticulatus, Amphiascus         | R1168 | longifurca, Cletodes                    | R1567 |
| <i>Long-billed Dowitcher</i>        | ZJ257 | longifurca, Jania                       | ZM218 |
| longeferiens, Autolytus             | P441  | longifurcata, Pseudomesochra            | R1224 |
| <i>Longfin Cigarfish</i>            | ZG537 | longifurcatum, Enhydrosoma              | R1576 |
| <i>Long-fin Tuna</i>                | ZG513 | longifurcatus, Kliopsyllus              | R1397 |
| <i>Long-finned Bream</i>            | ZG347 | longimana, Candacia                     | R312  |
| <i>Long-finned Gurnard</i>          | ZG263 | longimana, Lernaepodina                 | R2350 |
| <i>Long-finned Pilot Whale</i>      | ZK39  | longimana, Thalestris                   | R1079 |
| longibranchiata, Pleurocrypta       | S1012 | <i>longimanus</i> , <i>Gammarus</i>     | S519  |
| longicallus, Abra                   | W2060 | <i>longimanus</i> , <i>Megamoera</i>    | S519  |
| longicauda, Bartramia               | ZJ229 | longimanus, Microprotopus               | S549  |
| longicauda, Camacolaimus            | HD443 | longimanus, Periccolodes                | S131  |
| longicauda, Doridicola              | R1805 | longimanus, Tegastes                    | R1058 |
| longicauda, Doropygopsis            | R699  | Longipedia                              | R788  |
| longicauda, Esola                   | R1676 | Longipediidae                           | R787  |
| longicauda, Euryte                  | R671  | longipes, Achelia                       | Q18   |
| longicauda, Scutellidium            | R982  | longipes, Ameira                        | R1293 |
| longicaudata finmarchica, Stenhelia | R1267 | <i>longipes</i> , <i>Ammothella</i>     | Q18   |
| longicaudata reducta, Laophonte     | R1713 | longipes, Anaitides                     | P143  |
| longicaudata, Cerviniopsis          | R810  | longipes, Autonoe                       | S583  |
| longicaudata, Laimella              | HD253 | longipes, Bathynectes                   | S1575 |
| longicaudata, Laophonte             | R1712 | longipes, Cumopsis                      | S1189 |
| longicaudata, Paraclione            | W1232 | longipes, Eusirus                       | S109  |
| longicaudata, Paramesochra          | R1414 | longipes, Hyperioides                   | S734  |
| longicaudata, Photis                | S552  | longipes, Sphaeronella                  | R2161 |
| longicaudata, Stenhelia             | R1266 | longipes, Synchaeta                     | HA84  |
| longicaudata, Stenocopia            | R1378 | longipes, Tryphosites                   | S347  |
| longicaudata, Terschellingia        | HD588 | longipinnis, Taractichthys              | ZG347 |
| longicaudata, Thysanoessa           | S1274 | longiremis, Acartia                     | R347  |
| longicaudata, Trefusia              | HD174 | longiremis, Esola                       | R1677 |
| longicaudatus, Augaptilus           | R161  | longiremis, Monstrilla                  | R2382 |
| longicaudatus, Cletodes             | R1566 | longiremis, Sarsameira                  | R1363 |
| longicaudatus, Enoplolaimus         | HD22  | longirostris, Hippolyte                 | S1349 |
| longicaudatus, Gonionchus           | HD548 | <i>longirostris</i> , <i>Macropodia</i> | S1533 |
| longicaudatus, Halalaimus           | HD91  | longirostris, Nannastacus               | S1227 |
| longicaudatus, Paracanthochus       | HD303 | longirostris, Palaemon                  | S1318 |
| longicaudatus, Phyllopodopsyllus    | R1445 | longirostris, Paramphiascopsis          | R1207 |
| longicaudatus, Stylicletodes        | R1583 | longirostris, Sextonia                  | S403  |
| longicaudus, Stercorarius           | ZJ296 | longirostris, Tricoma                   | HD488 |
| longicirrata, Massya                | W1242 | longirostris, Valencinia                | G79   |
| longicirrata, Pelagobia             | P227  | longirostrum, Ecentrum                  | HA57  |
| longicollis, Halalaimus             | HD92  | longiserrata, Lucicutia                 | R262  |
| longicollis, Labidognathia          | IA16  | longiseta, Filinia                      | HA96  |
| longicorne, Apodomyzon              | R2130 | longiseta, Metalinhomoeus               | HD583 |
| <i>longicorne, Corophium</i>        | S616  | longiseta, Pselionema                   | HD472 |
| longicorne, Halectinosoma           | R866  | longiseta, Pseudoclausia                | R1942 |
| longicorne, Lepidepcreum            | S301  | longisetigera, Heterolaophonte          | R1688 |
| longicorne, Stylocheiron            | S1270 | <i>longisetis</i> , <i>Harmothoe</i>    | P62   |
| longicornis, Acanthomysis           | S70   | longisetosa, Odontophora                | HD604 |
| longicornis, Ameiropsis             | R1307 | longisetosa, Psammis                    | R1604 |

|                                   |              |                               |              |
|-----------------------------------|--------------|-------------------------------|--------------|
| longisetosa, Sabatieria           | HD258        | <i>Lottia</i>                 | W238         |
| longisetosus, Kliopsyllus         | R1398        | Lottiidae                     | W221         |
| longisetosus, Synonchus           | HD82         | Lovenella                     | D335         |
| longispiculosus, Enoploides       | HD17         | Lovenellidae                  | D334         |
| longispina, Kellicottia           | HA21         | LOVENELLOIDEA                 | D330         |
| longispina, Prosuberites          | C402         | loveni, Adalaria              | W1335        |
| longispinosa, Sabatieria          | HD259        | loveni, Armina                | W1400        |
| longispinosus, Thaumaleus         | R2391        | loveni, Asteronyx             | ZB109        |
| longissima, Gracilariopsis        | ZM436        | loveni, Buprorus              | R737         |
| <i>longissima, Gracilariopsis</i> | <i>ZM436</i> | loveni, Ceratocephale         | P460         |
| longissima, Nereis                | P475         | loveni, Cryptocelides         | F71          |
| longissima, Obelia                | D521         | loveni, Gonothyraea           | D508         |
| longissima, Praxillura            | P944         | loveni, Lanceola              | S699         |
| longissima, Vanadis               | P215         | loveni, Lysilla               | P1233        |
| longissimum, Tetrastemma          | G129         | loveni, Macoma                | W2031        |
| longissimus, Lineus               | G54          | loveni, Maera                 | S518         |
| longistylus, Hymedesmia           | C937         | loveni, Mimonectes            | S681         |
| longitarse, Nymphon               | Q10          | <i>loveni, Pholadomya</i>     | <i>W2224</i> |
| <i>Longnose Lancelfish</i>        | <i>ZG77</i>  | loveni, Rhodine               | P991         |
| <i>Longnose Velvet-shark</i>      | <i>ZF53</i>  | lovenii, Myriocladia          | ZR227        |
| <i>Long-nosed Skate</i>           | <i>ZF97</i>  | lovenii, Sarsia               | D184         |
| longocirrata, Cossura             | P869         | Loveniidae                    | ZB221        |
| longocirrata, Periboea            | P315         | <i>Lowe's Beryx</i>           | <i>ZG199</i> |
| longocirrata, Pionosyllis         | P399         | loxalina, Loxosoma            | K8           |
| longocirrata, Syllides            | P408         | Loxoconcha                    | R2615        |
| longosetosa, Nephtys              | P503         | Loxoconchidae                 | R2604        |
| Longosomatidae                    | P800         | Loxomespilon                  | K41          |
| <i>Long-tailed Duck</i>           | <i>ZJ130</i> | Loxosoma                      | K14          |
| <i>Long-tailed Skua</i>           | <i>ZJ296</i> | Loxosomatidae                 | K3           |
| <i>Long-toed Stint</i>            | <i>ZJ245</i> | Loxosomella                   | K15          |
| longus, Paracanthonchus           | HD304        | lozanoi, Pomatoschistus       | ZG477        |
| longus, Theristus                 | HD530        | <i>Lozano's Goby</i>          | <i>ZG477</i> |
| loosanoffi, Acervochoalina        | C1396        | lubbocki, Clausia             | R1934        |
| <i>loosanoffi, Haliclona</i>      | <i>C1396</i> | Lubbockia                     | R1877        |
| <i>Lopadorhynchus</i>             | <i>P217</i>  | <i>lubbockiana, Hyale</i>     | <i>S226</i>  |
| Lopadorrhynchidae                 | P216         | <i>lubrica, Balcis</i>        | <i>W642</i>  |
| Lopadorrhynchus                   | P217         | lubrica, Melanella            | W642         |
| Lophaster                         | ZB76         | lubrica, Trachelobdella       | P1619        |
| Lophelia                          | D786         | lucens, Metridia              | R273         |
| lophii, Calliobdella              | P1588        | lucerna, Trigla               | ZG269        |
| lophii, Chondracanthus            | R2024        | lucerna, Tubiclava            | D289         |
| Lophiidae                         | ZG91         | Lucernaria                    | D13          |
| LOPHIIFORMES                      | ZG90         | Lucernariopsis                | D16          |
| Lophius                           | ZG92         | <i>luciae, Diadumene</i>      | <i>D707</i>  |
| <i>lophocarpa, Aglaophenia</i>    | <i>D477</i>  | Lucicutia                     | R254         |
| Lophogaster                       | S28          | Lucicutiidae                  | R251         |
| LOPHOGASTRIDA                     | S26          | lucida, Lucicutia             | R263         |
| Lophogastridae                    | S27          | <i>lucida, Portlandia</i>     | <i>W1625</i> |
| Lophosiphonia                     | ZM646        | <i>lucida, Yoldia</i>         | <i>W1625</i> |
| Lophothrix                        | R586         | lucida, Yoldiella             | W1625        |
| Lophoura                          | R2315        | lucidum, Propeamussium        | W1794        |
| lorea, Palmiskenea                | Y391         | luciensis, Leptolabis         | C963         |
| loricata, Epimeria                | S375         | lucifera, Diastylis           | S1252        |
| loricata, Eucratea                | Y165         | <i>lucifuga, Isoedwardsia</i> | <i>D771</i>  |
| loricata, Hedylopsis              | W1101        | lucifuga, Waerniella          | ZR83         |
| loricifer, Copidognathus          | Q103         | LUCINACEA                     | W1816        |
| LORICIFERA                        | IB1          | lucinalis, Loripes            | W1824        |
| lorifera, Athelges                | S986         | Lucinella                     | W1831        |
| Loripes                           | W1822        | Lucinidae                     | W1817        |
| lornensis, Pista                  | P1218        | Lucininae                     | W1818        |
| <i>lomensis, Scionella</i>        | <i>P1218</i> | Lucinoma                      | W1828        |
| lorrain-smithiae, Audouinella     | ZM98         | lucipetus, Taeniacanthus      | R2011        |
| <i>loscombi, Lima</i>             | <i>W1743</i> | luetkeni, Ophiothrix          | ZB125        |
| loscombi, Limaria                 | W1743        | Luetkenia                     | R2257        |
| <i>loscombi, Limea</i>            | <i>W1743</i> | <i>lugens, Autolytus</i>      | <i>P445</i>  |
| loscombiana, Pholadidea           | W2192        | lugubris, Dugesia             | F21          |

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|--|-------|---|-------------|
| Luidia   | ZB21  | lymani, Ophiomusium                         | ZB180       |
| Luidiidae  | ZB20  | Lymnocyrtes                                 | ZJ262       |
| <i>luisae</i> , <i>Jorunna</i>                             | W1386 | <i>lyncurium</i> , <i>Donatia</i>           | C340        |
| <i>luisae</i> , <i>Monhystera</i>                          | HD496 | <i>lyncurium</i> , <i>Tethya</i>            | C340        |
| lukisii, <i>Brachystomia</i>                               | W924  | lyonessa, <i>Sabatieria</i>                 | HD260       |
| <i>lukisii</i> , <i>Odostomia</i>                          | W924  | Lyonsia                                     | W2243       |
| lumbricalis, <i>Furcellaria</i>                            | ZM337 | lyonsii, <i>Calliostoma zizyphinum</i> var. | W183        |
| lumbricalis, <i>Halothrix</i>                              | ZR93  | Lyonsiidae                                  | W2242       |
| lumbricalis, <i>Nicomache</i>                              | P980  | lyra, <i>Callionymus</i>                    | ZG452       |
| lumbriciformis, <i>Nerophis</i>                            | ZG242 | lyra, <i>Paradoneis</i>                     | P699        |
| Lumbricillus   | P1537 | <i>lyra</i> , <i>Paraonis</i>               | P696        |
| Lumbriclymene  | P940  | <i>lyra</i> , <i>Paraonis</i>               | P699        |
| Lumbriclymeninae   | P939  | lyra, <i>Sagitta</i>                        | L19         |
| <i>lumbricoides</i> , <i>Clymene</i>                       | P963  | lyra, <i>Trigla</i>                         | ZG270       |
| lumbricoides, <i>Euclymene</i>                             | P963  | lyrifera, <i>Brissopsis</i>                 | ZB228       |
| Lumbrineridae  | P569  | Lyrodus                                     | W2202       |
| Lumbrineriopsis  | P570  | Lysianassa                                  | S302        |
| Lumbrineris  | P572  | Lysianassidae                               | S271        |
| <i>Lumbrineris</i>   | P572  | LYSIANASSOIDEA                              | S270        |
| Lumpenus   | ZG428 | Lysidice                                    | P561        |
| lumpi, <i>Sphyrion</i>                                     | R2318 | Lysilla                                     | P1232       |
| lumpraeformis, <i>Lumpenus</i>                             | ZG429 | LYSIOSQUILLOIDEA                            | S19         |
| <i>Lumpsucker</i>  | ZG294 | Lysippe                                     | P1152       |
| lumpus, <i>Cyclopterus</i>                                 | ZG294 | Lysippides                                  | P1154       |
| Lunatia  | W493  | Lysmata                                     | S1353       |
| lundbecki, <i>Lissodendoryx</i>                            | C1069 | Lytocarpia                                  | D486        |
| <i>lundii</i> , <i>Halosacciocolax</i>                     | ZM173 |   |             |
| lunulata, <i>Harmothoe</i>                                 | P67   | <b>M</b>                                    |             |
| <i>lunulata</i> var. <i>andreapolis</i> , <i>Harmothoe</i> | P51   | <b>Maesellidae</b>                          | <b>D602</b> |
| <i>lunulata</i> var. <i>marphysae</i> , <i>Harmothoe</i>   | P68   | <i>mabillei</i> , <i>Leda</i>               | W1594       |
| lupinus, <i>Dosinia</i>                                    | W2128 | macallana, <i>Leptocythere</i>              | R2599       |
| lupus, <i>Anarhichas</i>                                   | ZG418 | macandreae, <i>Calocaris</i>                | S1409       |
| <i>lurida</i> , <i>Isodictya</i>                           | C1084 | <i>macandrei</i> , <i>Eulimella</i>         | W993        |
| <i>lurida</i> , <i>Myxilla</i>                             | C1084 | macandrei, <i>Philomedes</i>                | R2423       |
| lusci, <i>Lernaeocera</i>                                  | R2309 | Macandrewia                                 | X56         |
| luscus, <i>Trisopterus</i>                                 | ZG143 | <i>macandrewanus</i> , <i>Turbinolia</i>    | D785        |
| lusitania, <i>Hippoporidra</i>                             | Y518  | macandrewi, <i>Flabellum</i>                | D792        |
| lusitanica, <i>Ameira</i>                                  | R1294 | macandrewi, <i>Pseudopythina</i>            | W1877       |
| lusitanica, <i>Tryphoema</i>                               | R1630 | Macandrewia                                 | C283        |
| lutea, <i>Cythere</i>                                      | R2506 | Macarorchestia                              | S229        |
| lutea, <i>Nereiphylla</i>                                  | P169  | Macellomenia                                | W25         |
| lutea, <i>Suberites</i>                                    | C422  | Macellomeniidae                             | W24         |
| luteocincta var. <i>alba</i> , <i>Diaphorodoris</i>        | W1331 | macera, <i>Paralaophonte</i>                | R1729       |
| luteocincta, <i>Diaphorodoris</i>                          | W1330 | machadoi, <i>Galathea</i>                   | S1473       |
| <i>luteocincta</i> , <i>Onchidoris</i>                     | W1330 | <i>macilenta</i> , <i>Hymeniacidon</i>      | C726        |
| luteum, <i>Buglossidium</i>                                | ZG585 | macilenta, <i>Mycale</i>                    | C726        |
| luteus, <i>Synaptiphilus</i>                               | R1950 | macilenta, <i>Ougia</i>                     | P626        |
| <i>luth turtle</i>   | ZI15  | <i>macilenta</i> , <i>Schistomeringos</i>   | P626        |
| lutheri, <i>Gnathostomaria</i>                             | IA19  | macintoshi, <i>Epizoanthus</i>              | D651        |
| lutheri, <i>Turbanella</i>                                 | HB110 | macintoshi, <i>Leptomesochra</i>            | R1318       |
| Lutra  | ZK3   | macintyreii, <i>Catanema</i>                | HD375       |
| lutra, <i>Lutra</i>  | ZK4   | <i>Mackerel</i>                             | ZG511       |
| Lutraria   | W1982 | <i>Mackerel</i> , <i>Frigate</i>            | ZG500       |
| lutraria, <i>Lutraria</i>                                  | W1984 | <i>Mackerel</i> , <i>Horse</i>              | ZG338       |
| Lutrariinae  | W1981 | <i>Mackerel</i> , <i>Spanish</i>            | ZG510       |
| <i>Luvar</i>   | ZG519 | macloviana, <i>Bougainvillia</i>            | D253        |
| Luvaridae  | ZG517 | Macoma                                      | W2027       |
| Luvarus  | ZG518 | Macominae                                   | W2026       |
| Lycaeopsidae   | S759  | macquariae, <i>Campyloderes</i>             | HC16        |
| Lycaeopsis   | S760  | macra, <i>Melphidippella</i>                | S493        |
| LYCAEOPSOIDEA  | S758  | Macrobiotidae                               | V26         |
| Lycastis   | P463  | Macrobiotus                                 | V34         |
| Lycenchelys  | ZG431 | <i>macrocarpa</i> , <i>Pilayella</i>        | ZR61        |
| Lycodes  | ZG433 | <i>macrocarpa</i> , <i>Polysiphonia</i>     | ZM656       |
| lycopodioides, <i>Rhodomela</i>                            | ZM691 | macrocarpum, <i>Titanoderma</i>             | ZM279       |
| Lygdamis   | P1113 | <i>macrocarpum</i> , <i>Titanoderma</i>     | ZM279       |

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| macrocephala, Ampelisca               | S432  | <i>maculata</i> , Doris           | W1372 |
| <i>macrocephala</i> , Cerithiella     | W277  | maculata, Doto                    | W1282 |
| macrocephala, Sagitta                 | L20   | maculata, Eucheilota              | D333  |
| <i>macrocephalus</i> , Phytosera      | ZK52  | maculata, Gammaropsis             | S541  |
| macrocera, Lucicutia                  | R264  | maculata, Goniada                 | P271  |
| <i>macroceros</i> , Eulalia           | B24   | maculata, Lepidasthenia           | P79   |
| macroceros, Eulalia                   | P191  | maculata, Nerocila                | S829  |
| macroceros, Pterocirrus               | P188  | <i>maculata</i> , Nicomache       | P981  |
| Macrochaeta                           | P889  | maculata, Ophryotrocha            | P622  |
| macrochaeta, Bradya                   | R828  | <i>maculata</i> , Phyllodoce      | P144  |
| macrochaeta, Cephalobranchia          | W1240 | <i>maculata</i> , Pista           | P1187 |
| <i>macrochaeta</i> , Grania           | P1528 | maculata, Rhodella                | ZM24  |
| macrochela, Microciona                | C1200 | <i>maculata</i> , Stylochoplana   | F86   |
| macrocheles, Alpheus                  | S1331 | maculata, Stylochoplana           | F87   |
| macrochira, Crucibranchaea            | W1210 | maculata, Trapania                | W1317 |
| <i>macrochira</i> , Pneumodemopsis    | W1210 | maculatum, Synchelidium           | S138  |
| Macrochiron                           | R1809 | maculatus, Callionymus            | ZG453 |
| Macrochironidae                       | R1808 | maculatus, Canthidermis           | ZG600 |
| macrocirculus, Sphaerolaimus          | HD558 | maculatus, Cycloporus             | F109  |
| Macrocyprididae                       | R2693 | <i>maculatus</i> , Eurystheus     | S541  |
| Macrocypris                           | R2694 | maculatus, Leptoclinus            | ZG427 |
| Macrocythere                          | R2482 | maculatus, Microprotopus          | S550  |
| macroductyla, Aequorea                | D357  | maculiforme, Petroderma           | ZR99  |
| macroductyla, Chiridiella             | R444  | maculosa, Janira                  | S892  |
| MACRODASYIDA                          | HB2   | <i>maculosum</i> , Didemnum       | ZD51  |
| Macrodasidae                          | HB36  | maculosum, Didemnum               | ZD54  |
| Macrodasys                            | HB37  | <i>Madeiran Petrel</i>            | ZJ45  |
| macrodon, Paracanthochus              | HD305 | <i>Madeiran Storm-petrel</i>      | ZJ45  |
| macroglossus, Amythasides             | P1145 | madrasensis, Apodopsyllus         | R1388 |
| macrolabris, Dactylopusioides         | R1098 | Madrella                          | W1403 |
| macrolaima, Chromadora                | HD189 | Madrellidae                       | W1402 |
| macrolaimus, Pontonema                | HD125 | Madrepora                         | D778  |
| macronyx, Leptastacus                 | R1510 | maenadis, Choniosphaera           | R2135 |
| macrocellata, Prochromadorella        | HD204 | maenadis, Portunion               | S1044 |
| macropapillosa, Phyllodoce            | P181  | maenas, Carcinus                  | S1594 |
| macrophthalmia, Campylaspis           | S1219 | Maera                             | S515  |
| macrophthalmia, Molva                 | ZG128 | Maerella                          | S520  |
| macrophthalmia, Phyllodoce            | P182  | <i>magdalanae</i> , Lumbricillus  | P1539 |
| macrophthalmia, Tharybis              | R526  | Magelona                          | P803  |
| macrophthalmus, Antonogadus           | ZG107 | Magelonidae                       | P802  |
| <i>Macropipus</i>                     | S1577 | MAGELONOIDEA                      | P801  |
| Macropipus                            | S1586 | magna, Conchoecia                 | R2448 |
| Macropodia                            | S1529 | magna, Lutraria                   | W1985 |
| <i>macroposthium</i> , Paraphanostoma | B29   | magna, Maupasia                   | P223  |
| macropus, Botryllophilus              | R771  | magniceps, Bradypontius           | R2102 |
| Macroramphosidae                      | ZG232 | magniceps, Halicyclops            | R676  |
| Macroramphosus                        | ZG233 | magnicostata, Turbicellepora      | Y506  |
| macrosigma, Esperopsis                | C760  | <i>magnidentata</i> , Lumbrineris | P577  |
| macrosoma, Rossia                     | W2313 | magnidentata, Lumbrineris         | P583  |
| macrospirifera, Coninckia             | HD627 | magnifica, Schizoporella          | Y429  |
| macrostoma, Rastrognathia             | IA29  | magnificens, Fregata              | ZJ53  |
| macrothecatus, Lumbricillus           | P1549 | <i>Magnificent Frigate-bird</i>   | ZJ53  |
| Macrouridae                           | ZG153 | magnitorata, Dynamene             | S867  |
| Macrourus                             | ZG160 | magnus, Cylicolaimus              | HD69  |
| macrura, Metridia                     | R274  | magnus, Ensis                     | W2000 |
| Mactra                                | W1969 | magnus, Euaugaptilus              | R181  |
| MACTRACEA                             | W1966 | magnus, Scaphocalanus             | R597  |
| Mactridae                             | W1967 | magnus, Spinocalanus              | R410  |
| Mactrinae                             | W1968 | magnusii, Myrionema               | ZR121 |
| maculans, Hecatonema                  | ZR174 | magus, Gibbula                    | W159  |
| maculans, Streblospio                 | ZR75  | maia, Lithodes                    | S1439 |
| macularia, Actitis                    | ZJ225 | Maja                              | S1514 |
| <i>maculata</i> , Actinia             | D743  | Majidae                           | S1512 |
| maculata, Anaitides                   | P144  | Majinae                           | S1513 |
| maculata, Axionice                    | P1187 | MAJOIDEA                          | S1511 |
| <i>maculata</i> , Caloria             | W1473 | major, Annectocyma                | Y52   |

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| major, Diarthrodes                 | R1105 | manhattensis, Molgula                | ZD151 |
| major, Eurycletodes                | R1646 | <i>manhattensis, Molgula</i>         | ZD154 |
| major, Eurypon                     | C1291 | <i>manhattensis, Molgula</i>         | ZD155 |
| major, Heteropsyllus               | R1466 | <i>manhattensis, Molgula</i>         | ZD156 |
| major, Heterostylites              | R247  | <i>manhattensis, Molgula</i>         | ZD157 |
| major, Idyella                     | R1014 | manicata, Tritonia                   | W1252 |
| major, Kliopsyllus                 | R1399 | Mantellum                            | W1741 |
| major, Rhabdodemia                 | HD167 | manudens, Amphilochus                | S158  |
| major, Saccocirrus                 | P1087 | <i>Manx Shearwater</i>               | ZJ37  |
| major, Sarsameira                  | R1364 | Manzonina                            | W359  |
| major, Undeuchaeta                 | R486  | maravigna, Bathynectes               | S1576 |
| major, Zosime                      | R1023 | <i>Marbled Electric Ray</i>          | ZF78  |
| <i>Mako</i>                        | ZF14  | marcandrei, Anomalohalacarus         | Q86   |
| Malacobdella                       | G144  | marei, Paramesacanthion              | HD36  |
| Malacobdellidae                    | G143  | marenzelleri, Josephella             | P1355 |
| Malacocephalus                     | ZG158 | Marenzelleria                        | P740  |
| Malacoceros                        | P736  | <i>margareta, Diphasia</i>           | D419  |
| Malacopsyllus                      | R1375 | margarica, Hydranthea                | D402  |
| MALACOSTEGINA                      | Y166  | margaritacea margaritacea, Golfingia | N16   |
| MALACOSTRACA                       | S1    | margaritacea, Golfingia margaritacea | N16   |
| Malagazziidae                      | D360  | <i>margaritacea, Pandora</i>         | W2251 |
| malaquini, Thaumaleus              | R2392 | margaritacea, Simrothiella           | W43   |
| malardi, Paralaeospira             | P1384 | <i>margaritae, Hormathia</i>         | D732  |
| malardii, Gongrosira               | ZS258 | Margarites                           | W148  |
| Maldane                            | P948  | Margaritinae                         | W147  |
| Maldanidae                         | P938  | Margelopsidae                        | D168  |
| Maldaninae                         | P945  | Margelopsis                          | D169  |
| maldivarum, Glareola               | ZJ199 | marginata, Blidingia                 | ZS144 |
| <i>Mallard</i>                     | ZJ102 | <i>marginata, Pleurocrypta</i>       | S1011 |
| malleolatus, Conchocheres          | R2060 | marginata, Procythereis              | R2587 |
| malleolatus, Tetragoniceps         | R1451 | marginata, Scina                     | S688  |
| malleolus, Sphyrapus               | S1182 | marginatus, Cerebratulus             | G42   |
| <i>malleolus, Teredo</i>           | W2208 | marginatus, Epinephelus              | ZG307 |
| malleolus, Teredora                | W2208 | marginatus, Glossobalanus            | ZC28  |
| malleus, Pseudocharopinus          | R2363 | marginatus, Lichomolgus              | R1852 |
| malmgreni, Aglaophamus             | P492  | marginatus, Solen                    | W1994 |
| <i>malmgreni, Nephthys</i>         | P492  | marginifera, Itonoa                  | ZM377 |
| <i>malmgreni, Prionospio</i>       | P765  | <i>marginiferum, Platoma</i>         | ZM377 |
| <i>Malmgrenia</i>                  | P50   | mariae, Cylindroleberis              | R2426 |
| <i>Malmgrenia</i>                  | P51   | mariae, Littorina                    | W299  |
| <i>Malmgreniella</i>               | P51   | maricola, Grania                     | P1525 |
| malmi, Tryphana                    | S773  | marila, Aythya                       | ZJ118 |
| Malmiana                           | P1599 | marina, Arenicola                    | P931  |
| maluina, Audouinella               | ZM99  | marina, Derbesia                     | ZS234 |
| malusii, Fenestulina               | Y483  | marina, Euchaeta                     | R493  |
| mamillaris, Polymastia             | C361  | marina, Geminella                    | ZS57  |
| mamillata, Escharoides             | Y359  | marina, Pelagodroma                  | ZJ49  |
| <i>mamillata, Mamilloretusa</i>    | W1081 | marina, Phtisica                     | S657  |
| mamillatum, Alcyonidium            | Y79   | marina, Rhabdites                    | HD633 |
| <i>Mamilloretusa</i>               | W1081 | marina, Stenothoe                    | S213  |
| <i>mammeata, Polymastia</i>        | C361  | marina, Trichocerca                  | HA44  |
| <i>mammiculata, Styela</i>         | ZD104 | marina, Urothoe                      | S249  |
| <i>mammillaris, Polymastia</i>     | C361  | <i>marina, Wierzejskiella</i>        | HA65  |
| mammillata, Axinella               | C546  | <i>Marinogammarus</i>                | S465  |
| <i>mammillata, Mamilloretusa</i>   | W1081 | marinum, Characium                   | ZS6   |
| mammillata, Phallusia              | ZD95  | marinum, Encentrum                   | HA58  |
| mammillata, Retusa truncatula var. | W1081 | marinum, Endoclonium                 | ZS91  |
| mammosus, Leitoscoloplos           | P657  | marinum, Heterolepidoderma           | HB167 |
| Manayunkia                         | P1293 | marinum, Nerillidium                 | P1049 |
| manca, Leptognathia                | S1134 | marinus, Ammodytes                   | ZG443 |
| Mancikellia                        | W1899 | marinus, Aspidiophorus               | HB126 |
| <i>Mandarin Duck</i>               | ZJ91  | marinus, Chaetonotus                 | HB139 |
| mandoulii, Clathrodiscus           | ZR110 | marinus, Echinogammarus              | S466  |
| Mangelia                           | W795  | marinus, Larus                       | ZJ312 |
| Mangeliinae                        | W794  | marinus, Microlaimus                 | HD406 |
| <i>manhattensis, Molgula</i>       | ZD145 | marinus, Petromyzon                  | ZE13  |

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|---|-------|--|-------|
| <i>marinus</i> , <i>Protococcus</i>               | ZS12  | maxima, Euchirella                         | R458  |
| <i>marinus</i> , <i>Sebastes</i>                  | ZG256 | maxima, Hesionides                         | P325  |
| <i>marinus</i> , <i>Tryploides</i>                | HD163 | maxima, Lucicutia                          | R265  |
| <i>marioni</i> , <i>Aphelochaeta</i>              | P824  | maxima, Psetta                             | ZG554 |
| <i>marioni</i> , <i>Crenopharynx</i>              | HD48  | maxima, Sagitta                            | L21   |
| <i>marioni</i> , <i>Dolicholaimus</i>             | HD60  | maxima, Sterna                             | ZJ344 |
| <i>marioni</i> , <i>Parazoanthus</i>              | D655  | maximum, Stylocheiron                      | S1271 |
| <i>marioni</i> , <i>Peltocoxa</i>                 | S174  | maximus, Cephalodasys                      | HB18  |
| <i>marionii</i> , <i>Perinereis</i>               | P481  | maximus, Cetorhinus                        | ZF19  |
| <i>Marionina</i>                                  | P1560 | maximus, Chaetonotus                       | HB140 |
| <i>maritima</i> , <i>Calidris</i>                 | ZJ238 | maximus, Modiolicola                       | R1856 |
| <i>Marlin</i> , <i>White</i>                      | ZG524 | maximus, Pecten                            | W1771 |
| <i>marmorata</i> , <i>Jassa</i>                   | S570  | maximus, Platydasys                        | HB65  |
| <i>marmorata</i> , <i>Torpedo</i>                 | ZF78  | Maxmuelleria                               | O16   |
| <i>marmoratus</i> , <i>Lomanotus</i>              | W1258 | <i>Maxmulleria</i>                         | O16   |
| <i>marmoratus</i> , <i>Musculus</i>               | W1718 | maxweberi, Calyptonema                     | HD139 |
| <i>marmoratus</i> , <i>Pachygrapsus</i>           | S1625 | mayumbaensis, Temoropia                    | R307  |
| <i>marmorea</i> , <i>Smittoidea</i>               | Y462  | mazeli, Anemonactis                        | D751  |
| <i>marmorea</i> , <i>Tonicella</i>                | W81   | mcintoshii, Aphelochaeta                   | P825  |
| <i>marmoreus</i> , <i>Liocarcinus</i>             | S1582 | mcintoshii, Harmothoe                      | P70   |
| <i>maroccanus</i> , <i>Dentex</i>                 | ZG353 | <i>Meagre</i>                              | ZG367 |
| <i>Marphysa</i>                                   | P563  | <i>Meagre</i> , <i>Brown</i>               | ZG369 |
| <i>marphysae</i> , <i>Harmothoe</i>               | P68   | Mecynocera                                 | R384  |
| <i>marphysae</i> , <i>Harmothoe lunulata</i> var. | P68   | Mecynoceridae                              | R383  |
| <i>Marseniella</i>                                | W471  | meczniokowianus, Microspio                 | P744  |
| <i>Marsh Sandpiper</i>                            | ZJ288 | media, Alloteuthis                         | W2340 |
| <i>marshallhalli</i> , <i>Rhaphidotheca</i>       | C747  | media, Gallinago                           | ZJ250 |
| <i>marshalli</i> , <i>Ledella pustulosa</i>       | W1601 | <i>media</i> , <i>Labidoplax</i>           | ZB299 |
| <i>Marshallora</i>                                | W533  | media, Labidoplax                          | ZB301 |
| <i>Marsteinia</i>                                 | R922  | media, Oncaea                              | R1888 |
| <i>marsupiata</i> , <i>Microporella</i>           | Y481  | media, Pareuchaeta                         | R503  |
| <i>marsypos</i> , <i>Loxosomella</i>              | K29   | media, Pseudomesochra                      | R1225 |
| <i>Martesia</i>                                   | W2187 | Mediomastus                                | P918  |
| <i>Martesiinae</i>                                | W2186 | <i>mediopigmentata</i> , <i>Zeppelinia</i> | P842  |
| <i>Marthasterias</i>                              | ZB103 | mediterranea, Amphiglena                   | P1259 |
| <i>martinensis</i> , <i>Fauvelia</i>              | P384  | <i>mediterranea</i> , <i>Brachyscelus</i>  | S770  |
| <i>martinensis</i> , <i>Mesnilia</i>              | R1940 | <i>mediterranea</i> , <i>Carinaria</i>     | W524  |
| <i>martinensis</i> , <i>Spio</i>                  | B28   | mediterranea, Chaetomorpha                 | ZS193 |
| <i>martinensis</i> , <i>Spio</i>                  | P791  | <i>mediterranea</i> , <i>Corallina</i>     | ZM204 |
| <i>martini</i> , <i>Lepidodasys</i>               | HB24  | mediterranea, Homoeoscelis                 | R2141 |
| <i>martinica</i> , <i>Porphyrula</i>              | ZJ175 | <i>mediterranea</i> , <i>Isoedwardsia</i>  | D771  |
| <i>martynjordani</i> , <i>Eulima</i>              | W645  | mediterranea, Leptomysis                   | S61   |
| <i>Maryllynnia</i>                                | HD320 | mediterranea, Oncaea                       | R1889 |
| <i>masculus</i> , <i>Heteropsyllus</i>            | R1467 | mediterranea, Orchestia                    | S235  |
| <i>massa</i> , <i>Mycale</i>                      | C727  | mediterranea, Parevansula                  | R1333 |
| <i>massa</i> , <i>Suberites</i>                   | C423  | mediterranea, Pontella                     | R330  |
| <i>massena</i> , <i>Parthenope</i>                | S1547 | <i>mediterranea</i> , <i>Sertularella</i>  | D428  |
| <i>massiliense</i> , <i>Tetranchyroderma</i>      | HB81  | <i>Mediterranean Gull</i>                  | ZJ313 |
| <i>massiliensis</i> , <i>Platynereis</i>          | P485  | <i>Mediterranean Shearwater</i>            | ZJ38  |
| <i>Massotia</i>                                   | W343  | mediterraneum, Nerillidium                 | P1050 |
| <i>Massya</i>                                     | W1241 | mediterraneum, Pneumoderma                 | W1208 |
| <i>mastigochaeta</i> , <i>Stenhelia</i>           | R1268 | mediterraneus, Aspidiophorus               | HB127 |
| <i>mastigurus</i> , <i>Platydasys</i>             | HB64  | mediterraneus, Climacosorus                | ZR12  |
| <i>Mastocarpus</i>                                | ZM404 | mediterraneus, Gaidropsarus                | ZG118 |
| <i>mathildae</i> , <i>Sigalion</i>                | P104  | mediterraneus, Holostethus                 | ZG205 |
| <i>matsushimana</i> , <i>Barentsia</i>            | K54   | mediterraneus, Oncholaimellus              | HD116 |
| <i>Maupasia</i>                                   | P220  | mediterraneus, Pseudotanais                | S1164 |
| <i>maureri</i> , <i>Tubificoides</i>              | P1494 | medius, Scaphocalanus                      | R598  |
| <i>mauri</i> , <i>Calidris</i>                    | ZJ239 | medusa, Loimia                             | P1201 |
| <i>mauritanicus</i> , <i>Palinurus</i>            | S1431 | medusa, Polycirrus                         | P1242 |
| <i>Maurolicus</i>                                 | ZG71  | medusarum, Hyperia                         | S731  |
| <i>mawsoni</i> , <i>Epacanthion</i>               | HD29  | medusarum, Hyperoche                       | S736  |
| <i>maxillaris</i> , <i>Gnathia</i>                | S795  | medusophagus, Schedophilus                 | ZG534 |
| <b>MAXILLOPODA</b>                                | R13   | meeki, Neotonchus                          | HD270 |
| <i>maxillospinosa</i> , <i>Harmothoe</i>          | P69   | Megabalanus                                | R81   |
| <i>maxillosus</i> , <i>Polyodontes</i>            | P89   | Megacalanidae                              | R350  |

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| MEGACALANOIDEA                     | R349  | membranacea, Audouinella             | ZM100 |
| Megacalanus                        | R354  | membranacea, Dictyopteris            | ZR311 |
| Megaclausia                        | R1936 | membranacea, Melobesia               | ZM246 |
| Megadasys                          | HB26  | membranacea, Membranipora            | Y170  |
| Megalomma                          | P1296 | <i>membranacea, Rissoa</i>           | W329  |
| <i>megalops, Desmoteuthis</i>      | W2390 | membranacea, Rissoa                  | W333  |
| <i>megalops, Megalocranchia</i>    | W2390 | <i>membranacea, Rissostomia</i>      | W333  |
| <i>megalops, Taonius</i>           | W2390 | membranacea, Solenocera              | S1281 |
| megalops, Teuthowenia              | W2390 | <i>membranaceus, Cerianthus</i>      | D631  |
| megalova, Cyclorhiza               | R2179 | <i>membranaceus, Pachycerianthus</i> | D631  |
| megalova, Enterocola               | R744  | <i>membranaceus, Palmipes</i>        | ZB62  |
| Megaluropus                        | S488  | membranaceus, Pleurobranchus         | W1157 |
| megalurus, Augaptilus              | R162  | Membranipora                         | Y169  |
| megalurus, Crybelocephalus         | S284  | Membraniporella                      | Y233  |
| Meganerilla                        | P1042 | Membraniporidae                      | Y168  |
| Meganyctiphanes                    | S1265 | MEMBRANIPOROIDEA                     | Y167  |
| Megapora                           | Y229  | Membranoptera                        | ZM611 |
| Megaptera                          | ZK69  | menaiensis, Diagoniceps              | R1439 |
| <i>megasoma, Pleurodasys</i>       | HB35  | Mendicula                            | W1850 |
| Megastomia                         | W951  | Menestho                             | W962  |
| megastomum, Tetranchyroderma       | HB82  | mengei, Haplophthalmus               | S1075 |
| Megastygarcitides                  | V19   | Menigrates                           | S306  |
| Megathirididae                     | X33   | mentula, Ascidia                     | ZD89  |
| Megathiris                         | X39   | Mercenaria                           | W2101 |
| <i>megerlei, Odostomia</i>         | W912  | mercenaria, Mercenaria               | W2102 |
| Megerlia                           | X46   | <i>Mercierella</i>                   | P1335 |
| megodon, Autolytus                 | P442  | Meredithia                           | ZM373 |
| megotara, Psiloterredo             | W2206 | <i>Merganser, Hooded</i>             | ZJ144 |
| <i>megotara, Teredo</i>            | W2206 | merganser, Mergus                    | ZJ145 |
| <i>Megrin</i>                      | ZG549 | <i>Merganser, Red-breasted</i>       | ZJ146 |
| <i>Megrin, Four-spot</i>           | ZG548 | Mergus                               | ZJ142 |
| Meiodiscus                         | ZM175 | meridianus, Proasellus               | S881  |
| Meiorhopalon                       | D151  | meridionalis listensis, Schizopera   | R1254 |
| Meiosquilla                        | S18   | meridionalis, Heteropsyllus          | R1468 |
| melaena, Globicephala              | ZK39  | Merlangius                           | ZG122 |
| melagonium, Chaetomorpha           | ZS194 | merlangus, Merlangius                | ZG123 |
| Melanella                          | W633  | merlucii, Chondracanthus             | R2025 |
| melaniceps, Ectinosoma             | R838  | merlucii, Neobrachiella              | R2356 |
| Melanitta                          | ZJ137 | Merlucciidae                         | ZG147 |
| <i>melanocephalum, Tetrastemma</i> | G123  | Merluccius                           | ZG148 |
| melanocephalum, Tetrastemma        | G130  | merluccius, Merluccius               | ZG149 |
| melanocephalus, Larus              | ZJ313 | Merona                               | D286  |
| Melanogrammus                      | ZG120 | merrimani, Rhombognathides           | Q67   |
| melanoleuca, Tringa                | ZJ284 | mertensii, Leptoplana                | F82   |
| melanophris, Diomedea              | ZJ23  | mertensii, Staurophora               | D303  |
| melanotos, Calidris                | ZJ240 | mertensii, Tilopteris                | ZR279 |
| Melarthaphe                        | W308  | Mesacanthion                         | HD30  |
| melastomus, Galeus                 | ZF26  | Mesacmaea                            | D752  |
| Melicertidae                       | D311  | Mesenchytraeus                       | P1575 |
| Melicertum                         | D312  | mesnili, Scolelepis                  | P782  |
| Melinna                            | P1120 | Mesnilia                             | R1938 |
| Melinnacheres                      | R2173 | Mesocalanus                          | R365  |
| Melinnacheridae                    | R2172 | Mesocheres                           | R2089 |
| Melinninae                         | P1119 | Mesochra                             | R1473 |
| Melita                             | S500  | Mesocletodes                         | R1654 |
| Melitidae                          | S495  | Mesodasys                            | HB28  |
| Melobesia                          | ZM245 | MESODESMATACEA                       | W1986 |
| <i>melobesioides, Lithophyllum</i> | ZM257 | Mesodesmatidae                       | W1987 |
| melolontha, Aspidelectra           | Y182  | MESOGASTROPODA                       | W256  |
| Melonanchora                       | C1073 | Mesoglicola                          | R2056 |
| melops, Crenilabrus                | ZG395 | Mesoglicolidae                       | R2055 |
| Melphidippa                        | S490  | Mesogloia                            | ZR222 |
| Melphidippella                     | S492  | Mesognathariidae                     | IA12  |
| Melphidippidae                     | S487  | Mesognathia                          | IA13  |
| MELPHIDIPPOIDEA                    | S486  | Mesonerilla                          | P1034 |
| membrana, Halichondria             | C649  | Mesophyllum                          | ZM247 |

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| Mesoplodon                           | ZK54      | Microchirus                    | ZG586 |
| Mesopodopsis                         | S73       | Microciona                     | C1184 |
| Mesopsyllus                          | R1485     | <i>Microciona</i>              | C1184 |
| Mesorhabdus                          | R248      | Microcionidae                  | C1099 |
| Mesothamnion                         | ZM540     | microcionides, Plocamionida    | C1092 |
| Mesothuria                           | ZB232     | microcionides, Stylostichon    | C1005 |
| MESOZOA                              | B1        | Microcladia                    | ZM542 |
| messinensis, Euchirella              | R459      | Microconchoecia                | R2451 |
| Metacalanus                          | R216      | Microcoryne                    | ZR246 |
| Metachromadora                       | HD358     | Microcosmus                    | ZD132 |
| <i>Metachromadoriodes</i>            | HD358     | microcosmus, Pyura             | ZD139 |
| METACOPINA                           | R2687     | Microcyclopina                 | R655  |
| Metacyclopina                        | R652      | Microcyema                     | B14   |
| Metacyphocaris                       | S308      | Microcytherura                 | R2545 |
| Metadesmolaimus                      | HD536     | Microdajidae                   | R139  |
| Metahuntemannia                      | R1611     | Microdajus                     | R140  |
| Metalinhomoeus                       | HD581     | Microdeutopus                  | S597  |
| metallica, Idotea                    | S940      | microdon, Pseudotriakis        | ZF32  |
| Metamphiascopsis                     | R1196     | microdragma, Axinella          | C547  |
| Metaparoncholaimus                   | HD109     | microfila, Audouinella         | ZM101 |
| Metaphoxus                           | S261      | Microhedyle                    | W1104 |
| Metarhombognathus                    | Q63       | Microhedylidae                 | W1103 |
| Metatriconisoides                    | S1061     | Microjaera                     | S898  |
| Metavermilia                         | P1356     | Microjassa                     | S573  |
| <i>metaxa, Cerithiopsis</i>          | W539      | microlaima, Atrochromadora     | HD186 |
| <i>metaxa, Metaxia</i>               | W539      | Microlaimidae                  | HD392 |
| <i>metaxae, Cerithiopsis</i>         | W539      | <i>Microlaimus</i>             | HD395 |
| Metaxia                              | W538      | <i>Microlaimus</i>             | HD397 |
| Metaxiinae                           | W537      | Microlaimus                    | HD403 |
| metchnikovi, Intoshia                | B28       | <i>Microlaimus</i>             | HD403 |
| meteyri, Lensia                      | D111      | Micromaldane                   | P977  |
| Metidae                              | R1280     | Micromenia                     | W15   |
| Metis                                | R1281     | Micromesistius                 | ZG124 |
| Metoncholaimus                       | HD111     | micromorus, Sorocarpus         | ZR133 |
| Metopa                               | S190      | Micronereis                    | P465  |
| Metridia                             | R270      | Micronerilla                   | P1040 |
| Metridiidae                          | D708      | micronyx, Dactylopusia         | R1092 |
| Metridinidae                         | R269      | microocellata, Raja            | ZF93  |
| Metridium                            | D709      | microoculata, Eulalia          | P154  |
| metschnikovi, Halisarca              | C1688     | Micropalama                    | ZJ264 |
| metula, Cerithiella                  | W277      | Micropharynx                   | F10   |
| Metzgeria                            | W699      | microphthalma, Cirolana        | S847  |
| <i>Mew Gull</i>                      | ZJ304 Mew | Microphthalminae               | P322  |
| <i>Gull</i>                          | ZJ305     | Microphthalmus                 | P326  |
| Mexidrilus                           | P1451     | microphthalmus, Araeolaimus    | HD614 |
| Meyliidae                            | HD477     | microphylla, Meredithia        | ZM374 |
| michaelsarsi, Crucibranchaea         | W1211     | Microplana                     | F58   |
| <i>michaelsarsi, Pneumodermopsis</i> | W1211     | Microplaniidae                 | F57   |
| michaelseni, Isochaetides            | P1483     | Micropontiidae                 | R2117 |
| micracantha, Xenotrichula            | HB193     | Micropontius                   | R2118 |
| micracanthoxea, Mycale               | C728      | Micropora                      | Y285  |
| micraspis, Harmothoe                 | P71       | Microporella                   | Y479  |
| Micrella                             | G57       | Microporellidae                | Y478  |
| Micrenophrys                         | ZG278     | Microporidae                   | Y284  |
| Microarthridion                      | R944      | MICROPOROIDEA                  | Y283  |
| microbranchiata, Pleurocrypta        | S1013     | Microprotopus                  | S548  |
| Microcalanus                         | R422      | microps, Cottunculus           | ZG288 |
| Microcancerilla                      | R2123     | <i>microps, Halcampa</i>       | D763  |
| microcephala, Pterocirrus            | P189      | microps, Heteromysis           | S93   |
| microcephala, Sphaeronella           | R2162     | microps, Pomatoschistus        | ZG478 |
| <i>microcephalus, Apletodon</i>      | ZG84      | Micropsammis                   | R1595 |
| microcephalus, Somniosus             | ZF64      | micropus, Huntemannia          | R1610 |
| Microcharon                          | S895      | microscopica, Audouinella      | ZM102 |
| microchela, Microciona               | C1201     | microscopicus, Cyllindrocarpus | ZR243 |
| microcheles, Typhlotanais            | S1154     | Microsetella                   | R892  |
| microcheliferum, Stylostichon        | C1004     | Microspio                      | P743  |



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|-----------------------------------|-------|--------------------------------------|-------|
| <i>Microspio</i>                  | P787  | minor, Anarhichas                    | ZG419 |
| Microspongium                     | ZR114 | minor, Arhodeoporus                  | Q91   |
| microspongium, Compsonema         | ZR112 | minor, Bryaxis                       | R442  |
| Microspora                        | ZS21  | minor, Calanus                       | R363  |
| Microsporaceae                    | ZS20  | minor, Diplodasys                    | HB58  |
| MICROSPORALES                     | ZS19  | minor, Ensis siliqua var.            | W2002 |
| microsporum, Pneophyllum          | ZM265 | minor, Euryte                        | R670  |
| <i>microsporum, Pneophyllum</i>   | ZM265 | minor, Gaetanus                      | R468  |
| microstoma, Hemicyclopora         | Y372  | minor, Jeanella                      | R779  |
| microstoma, Oceanobdella          | P1605 | minor, Longipedia                    | R791  |
| Microstomus                       | ZG573 | minor, Lumbriclymene                 | P942  |
| microstyla, Gnathostomula         | IA23  | <i>minor, Megadasys</i>              | HB27  |
| Micrura                           | G59   | minor, Mormonilla                    | R783  |
| midas, Amphicteis                 | P1143 | minor, Pseudectinosoma               | R898  |
| <i>mielcki, Tornaria</i>          | ZC28  | minor, Pseudobradya                  | R910  |
| mielkei, Paramesochra             | R1415 | minor, Pseudocyclopa                 | R535  |
| Mikrosyphar                       | ZR53  | minor, Rhabdodemia                   | HD168 |
| Miktoniscus                       | S1063 | minor, Scolecithricella              | R604  |
| milaschewitschii, Microhedyle     | W1106 | minor, Scottosyllus                  | R1423 |
| miles, Gaetanus                   | R467  | <i>minor, Siphon turgidulus var.</i> | W715  |
| miliaris, Jujubinus               | W172  | minor, Stenocaris                    | R1539 |
| miliaris, Psammechinus            | ZB193 | minor, Stephos                       | R517  |
| militaris, Pileolaria             | P1388 | minor, Sthenelais                    | P110  |
| militaris, Pteraster              | ZB66  | minor, Tisbe                         | R1000 |
| millbayana, Doto                  | W1283 | minor, Xanthocalanus                 | R566  |
| <i>millegrana, Aporodoris</i>     | W1381 | Minuspio                             | P745  |
| <i>millegrana, Clelandella</i>    | W172  | minuta, Ameira                       | R1295 |
| millegrana, Discodoris            | W1381 | minuta, Aphia                        | ZG457 |
| <i>millepunctata, Cyclostrema</i> | W1000 | minuta, Arenotrocha                  | P600  |
| MILLERICRINIDA                    | ZB3   | minuta, Aricidea                     | P677  |
| <i>milletiana, Turbinolia</i>     | D785  | minuta, Calidris                     | ZJ241 |
| <i>millipunctata, Skenea</i>      | W1000 | minuta, Diaphana                     | W1059 |
| milneedwardsi, Glossocephalus     | S776  | minuta, Drachiella                   | ZM597 |
| mimica, Glycera                   | P261  | minuta, Eudactylina                  | R2273 |
| Mimocalanus                       | R401  | minuta, Eupronoe                     | S765  |
| Mimonectes                        | S679  | minuta, Heterolaophonte              | R1689 |
| Mimonectidae                      | S678  | minuta, Homoeoscelis                 | R2142 |
| Mimosella                         | Y114  | minuta, Iphimedia                    | S380  |
| Mimosellidae                      | Y113  | minuta, Jupiteria                    | W1595 |
| minax, Ramphonotus                | Y228  | minuta, Leptosynapta                 | ZB297 |
| minax, Spirastrella               | C470  | minuta, Lernaecocera                 | R2310 |
| Minervella                        | R1513 | minuta, Lubbockia                    | R1880 |
| miniata, Porphyra                 | ZM60  | minuta, Magelona                     | P806  |
| <i>miniata, Sagartia</i>          | D713  | minuta, Micronerilla                 | P1041 |
| miniatus, Tubulanus               | G32   | minuta, Monstrilla                   | R2383 |
| minima, Audouinella               | ZM103 | minuta, Munna                        | S907  |
| minima, Blidingia                 | ZS145 | <i>minuta, Myriogramme</i>           | ZM597 |
| <i>minima, Chauvetia</i>          | W741  | <i>minuta, Nephosoma</i>             | N22   |
| minima, Cima                      | W897  | <i>minuta, Nephosoma</i>             | N25   |
| minima, Gouldia                   | W2095 | minuta, Normanella                   | R1758 |
| minima, Mycale                    | C729  | <i>minuta, Nuculana</i>              | W1595 |
| minima, Podocoryne                | D278  | minuta, Oncaea                       | R1890 |
| minima, Sagitta                   | L22   | <i>minuta, Ophryotrocha</i>          | P600  |
| <i>minimum, Cerastoderma</i>      | W1950 | <i>minuta, Panoploea</i>             | S380  |
| <i>minimum, Gafrarium</i>         | W2095 | minuta, Parepactophanes              | R1490 |
| minimum, Halicreas                | D580  | <i>minuta, Pholoe</i>                | P92   |
| minimum, Parvicardium             | W1950 | <i>minuta, Pholoe</i>                | P93   |
| minimum, Caligus                  | R2218 | minuta, Porella                      | Y387  |
| minimum, Capitomastus             | P912  | minuta, Rhizothrix                   | R1625 |
| <i>minimum, Capitomastus</i>      | P919  | minuta, Skeizia                      | C595  |
| minimum, Diurodrilus              | P1058 | minuta, Sphaerodoropsis              | P288  |
| minimum, Lymnocyrtus              | ZJ263 | minuta, Sphaeronella                 | R2163 |
| <i>Minke Whale</i>                | ZK65  | minuta, Stenocaris                   | R1540 |
| minna, Macrocypris                | R2695 | minuta, Tachidiella                  | R1017 |
| minor, Aclis                      | W591  | minuta, Turtonia                     | W2133 |
| minor, Ameiropsis                 | R1308 | minutilla, Calidris                  | ZJ242 |

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| Minutiscalia                             | W558  | mixta, Ameiropsis                          | R1309 |
| minutissimus, Mexidrilus                 | P1452 | <i>mixta</i> , <i>Hymedesmia</i>           | C436  |
| <i>minutissimus</i> , <i>Phalldrilus</i> | P1452 | mixta, Neopentadactyla                     | ZB260 |
| minutula, Rhabderemia                    | C1349 | mixta, Pseudameira                         | R1349 |
| minutum, Compsonema                      | ZR113 | <i>mixta</i> , <i>Pseudocucumis</i>        | ZB260 |
| minutum, Nephasoma                       | N25   | mixta, Timea                               | C436  |
| <i>minutum</i> , <i>Sphaerodoridium</i>  | P288  | mixtum, Halectinosoma                      | R867  |
| minutus gelatinosus, Psyllocamptus       | R1358 | mixtus, Labrus                             | ZG400 |
| minutus, Agnathaner                      | R680  | mizoulei, Haplostoma                       | R763  |
| <i>minutus</i> , <i>Agnathaner</i>       | R728  | Mobula                                     | ZF108 |
| minutus, Amphiascus                      | R1169 | mobular, Mobula                            | ZF109 |
| minutus, Anomalohalacarus                | Q87   | Mobulidae                                  | ZF107 |
| minutus, Bathycamptus                    | R1455 | Modeeria                                   | D305  |
| minutus, Diarthrodes                     | R1106 | modesta, Alderia                           | W1127 |
| minutus, Enchytraeus                     | P1515 | <i>modesta</i> , <i>Esperia</i>            | C723  |
| minutus, Eurycletodes                    | R1647 | modesta, Ophelina                          | P1016 |
| minutus, Gaidius                         | R473  | modestus, Elminius                         | R68   |
| minutus, Galatheascus                    | R94   | modica modica, Processa                    | S1366 |
| <i>minutus</i> , <i>Ischyrocerus</i>     | S567  | modica, Processa modica                    | S1366 |
| minutus, Ixobrychus                      | ZJ80  | modica, Puellina                           | Y322  |
| minutus, Larus                           | ZJ314 | Modiolarca                                 | W1717 |
| minutus, Leptastacus                     | R1511 | Modiolicola                                | R1853 |
| minutus, Leptocaris                      | R936  | Modiolinae                                 | W1697 |
| <i>minutus</i> , <i>Machairopus</i>      | R980  | Modiolula                                  | W1707 |
| minutus, Numenius                        | ZJ269 | Modiolus                                   | W1698 |
| minutus, Paralongicyatholaimus           | HD323 | modiolus, Modiolus                         | W1702 |
| <i>minutus</i> , <i>Phalldrilus</i>      | P1460 | modricensis, Spiridion                     | P1467 |
| minutus, Pirodrilus                      | P1460 | <i>modricensis</i> , <i>Thalassodrilus</i> | P1467 |
| minutus, Planes                          | S1627 | <i>moebii</i> , <i>Callizona</i>           | P208  |
| <i>minutus</i> , <i>Pomatoschistus</i>   | ZG477 | moebii, Rhynchonereella                    | P208  |
| minutus, Pomatoschistus                  | ZG479 | Moelleria                                  | W134  |
| minutus, Psyllocamptus                   | R1357 | Moelleriinae                               | W130  |
| minutus, Sclerocheilus                   | P1029 | Moerella                                   | W2020 |
| minutus, Scottopsyllus                   | R1427 | moesta, Macoma                             | W2032 |
| minutus, Simognathus                     | Q127  | moewusae, Entocladia                       | ZS95  |
| minutus, Trisopterus                     | ZG144 | mohammed, Onychocamptus                    | R1724 |
| <i>mira</i> , <i>Agastra</i>             | D497  | mohni, Mohnia                              | W725  |
| <i>mira</i> , Hexarthra                  | HA100 | Mohnia                                     | W724  |
| mirabile, Choniostoma                    | R2138 | Mola                                       | ZG605 |
| mirabile, Hydrodendron                   | D404  | mola, Mola                                 | ZG606 |
| mirabilis, Ancorabulus                   | R1766 | Molgolaimus                                | HD410 |
| mirabilis, Beania                        | Y261  | Molgula                                    | ZD146 |
| mirabilis, Dinodasys                     | HB95  | Molgulidae                                 | ZD145 |
| mirabilis, Harveyella                    | ZM311 | Molidae                                    | ZG604 |
| mirabilis, Magelona                      | P807  | mollerati, Trivia                          | W460  |
| mirabilis, Megaclausia                   | R1937 | <i>mollis</i> , <i>Alloposus</i>           | W2407 |
| mirabilis, Monoposthia                   | HD416 | mollis, Argestes                           | R1635 |
| mirabilis, Sphacelaria                   | ZR293 | mollis, Cnemidocarpa                       | ZD109 |
| mirabilis, Trichotheristus               | HD535 | mollis, Harmothoe                          | P72   |
| mirabilis, Urodasys                      | HB44  | mollis, Listriella                         | S399  |
| mirabilis, Virgularia                    | D618  | mollis, Pseudosuberites                    | C406  |
| miranda, Lacydonia                       | P195  | mollis, Sergestes                          | S1289 |
| <i>Mirrorwing Flying-fish</i>            | ZG182 | mollissima, Somateria                      | ZJ152 |
| Mirulinus                                | W173  | MOLLUSCA                                   | W1    |
| mirus, Batillipes                        | V9    | moluccensis, Peracle                       | W1197 |
| mirus, Mesoplodon                        | ZK57  | <i>moluccensis</i> , <i>Peraclis</i>       | W1197 |
| miser, Cancrion                          | S1034 | Molva                                      | ZG126 |
| Misophria                                | R615  | molva, Molva                               | ZG129 |
| Misophriidae                             | R614  | monacanthus, Dyopedos                      | S628  |
| MISOPHRIOIDA                             | R613  | monacha, Trivia                            | W461  |
| mitchelliae, Hincksia                    | ZR40  | <i>monachus</i> , <i>Architeuthis</i>      | W2353 |
| mitchellii, Mesacmaea                    | D753  | Monacilla                                  | R404  |
| Mitella                                  | R18   | monardi, Robertsonia                       | R1246 |
| Mitrocomella                             | D322  | <i>monensis</i> , <i>Arenosetella</i>      | R823  |
| Mitrocomidae                             | D315  | monensis, Callinera                        | G20   |
| MITROCOMOIDEA                            | D314  | monensis, Etionella                        | S1039 |

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| monensis, Loxosoma                   | K9    | <i>Montagu's Blenny</i>                   | ZG410 |
| monensis, Mesocletodes               | R1661 | <i>Montagu's Sea-snail</i>                | ZG297 |
| <i>monensis, Pseudothalestris</i>    | R1105 | <i>monterosati, Tjaernoeria</i>           | W1000 |
| <i>Monhystera</i>                    | HD496 | <i>monterosatoi</i>                       | W659  |
| MONHYSTERIDA                         | HD490 | <i>monterosatoi, Balcis</i>               | W659  |
| Monhysteridae                        | HD491 | <i>monterosatoi, Eulima</i>               | W659  |
| Monia                                | W1813 | <i>monterosatoi, Eulima philippi var.</i> | W601  |
| moniezi, Portunion                   | S1045 | Monticellina                              | P843  |
| monilifera, Pachastrella             | C250  | <i>moorei, Chlorochytrium</i>             | ZS17  |
| moniliformis, Audouinella            | ZM104 | moorei, Halochlorococcum                  | ZS17  |
| <i>Monkfish</i>                      | ZF73  | <i>moorei, Nucula</i>                     | W1569 |
| Monobryozoon                         | Y107  | moorei, Paraleptastacus                   | R1518 |
| Monobryozoontidae                    | Y106  | <i>Moorhen</i>                            | ZJ172 |
| monoceros, Monodon                   | ZK47  | <i>Moorhen, Common</i>                    | ZJ172 |
| Monocletodes                         | R1580 | <i>Moray Eel</i>                          | ZG14  |
| Monoculodes                          | S123  | Morchellium                               | ZD27  |
| <i>monoculoides, Montagua</i>        | S214  | morhua, Gadus                             | ZG116 |
| monoculoides, Stenothoe              | S214  | Moridae                                   | ZG150 |
| Monodaeus                            | S1608 | morinellus, Charadrius                    | ZJ209 |
| monodi, Sphaeroma                    | S870  | Mormonilla                                | R782  |
| Monodon                              | ZK46  | Mormonillidae                             | R781  |
| monodon, Anarthropora                | Y403  | MORMONILLOIDA                             | R780  |
| Monodontidae                         | ZK43  | <i>Morocco Dentex</i>                     | ZG353 |
| MONOGONONTA                          | HA2   | Morus                                     | ZJ60  |
| monolopha, Plakina                   | C167  | <i>Moustache Sculpin</i>                  | ZG285 |
| monophthalma, Aega                   | S815  | mucosa, Anaitides                         | P145  |
| Monoposthia                          | HD414 | <i>mucosa, Phyllodoce</i>                 | P145  |
| Monoposthiidae                       | HD413 | mucronata, Normanella                     | R1759 |
| Monopylephorus                       | P1427 | mucronatus, Aegisthus                     | R818  |
| monorhii, Oceanodroma                | ZJ47  | mucronatus, Haloptilus                    | R195  |
| monospermathecus, Aktedrilus         | P1437 | mucronatus, Rhombognathides               | Q68   |
| <i>monospermathecus, Phalodrilus</i> | P1437 | <i>mucronifera, Zephyrina</i>             | W1410 |
| Monosporus                           | ZM544 | mucroniferus, Proctonotus                 | W1410 |
| monostachys, Electra                 | Y177  | mucronota, Hymedesmia                     | C938  |
| MONOSTILIFERA                        | G82   | muelleri, Aspidosiphon                    | N47   |
| Monostroma                           | ZS50  | muelleri, Entoniscus                      | S1037 |
| Monostromataceae                     | ZS43  | muelleri, Itunella                        | R1471 |
| <i>monostyla, Zeppelina</i>          | P842  | muelleri, Leptasterias                    | ZB102 |
| Monotheca                            | D460  | muelleri, Maurolicus                      | ZG71  |
| monothrix, Sphaeronella              | R2164 | muelleri, Parasterope                     | R2429 |
| Monstrilla                           | R2377 | muelleri, Phoronis                        | ZA5   |
| Monstrillidae                        | R2373 | muelleri, Proclymene                      | P975  |
| MONSTRILLOIDA                        | R2372 | muelleri, Typhloscolex                    | P240  |
| Monstrillopsis                       | R2385 | muelleri, Victorella                      | Y99   |
| monstromatica, Stromatella           | ZS119 | Muellerina                                | R2584 |
| monstrosa, Chimaera                  | ZF114 | Mugga                                     | P1156 |
| monstrosus, Calomicrolaimus          | HD400 | Muggiaea                                  | D114  |
| Montacuta                            | W1890 | Mugil                                     | ZG384 |
| Montacutidae                         | W1888 | Mugilidae                                 | ZG378 |
| Montacutinae                         | W1889 | mulleri, Doliolum                         | ZD182 |
| montagnei, Dermocorynus              | ZM288 | <i>Mullet, Flathead Grey</i>              | ZG385 |
| <i>montagui, Astarte</i>             | W1936 | <i>Mullet, Golden</i>                     | ZG382 |
| <i>montagui, Cantharidus</i>         | W174  | <i>Mullet, Red</i>                        | ZG374 |
| montagui, Chthamalus                 | R46   | <i>Mullet, Thick-lipped</i>               | ZG380 |
| <i>montagui, Euspira</i>             | W490  | <i>mullet, Thin-lipped grey</i>           | ZG383 |
| montagui, Gymnangium                 | D485  | mulli, Hatschekia                         | R2293 |
| montagui, Isaea                      | S547  | Mullidae                                  | ZG372 |
| montagui, Jujubinus                  | W174  | Mullus                                    | ZG373 |
| montagui, Liparis                    | ZG297 | multibranchiata, Minuspio cf.             | P746  |
| <i>montagui, Lunatia</i>             | W490  | multibranchiis, Aphelochaeta              | P826  |
| montagui, Natica                     | W490  | multicirrata, Tiaropsis                   | D327  |
| <i>montagui, Natica</i>              | W490  | multicornis, Clava                        | D283  |
| montagui, Pandalus                   | S1377 | multicristata, Lensia                     | D112  |
| montagui, Raja                       | ZF94  | multicristata, Metavermlia                | P1357 |
| montagui, Tridonta                   | W1936 | multidentata, Chuniphyes                  | D125  |
| <i>montagui, Truncatella</i>         | W398  | multidentata, Pasiphaea                   | S1307 |

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| multidigitata, Turbanella              | HB111 | musteli, Tripaphylus                           | R2320 |
| multifida, Cutleria                    | ZR271 | Mustelidae                                     | ZK2   |
| multifidum, Sphondylothamnion          | ZM570 | Mustelus                                       | ZF36  |
| multiflora, Saginatocythere            | R2626 | <i>mustelus</i> , <i>Mustelus</i>              | ZF37  |
| multiflora, Loxoconcha                 | R2620 | mustelus, <i>Mustelus</i>                      | ZF38  |
| multiformis, Axinella                  | C548  | mutabilis, Aiptasia                            | D700  |
| multilirata, Turbonilla                | W988  | mutabilis, Barentsia                           | K55   |
| multioculata, Spio                     | P792  | mutabilis, Collothea                           | HA112 |
| multipapillata, Chromaspirina          | HD356 | <i>mutabilis</i> , <i>Golfingia</i>            | N15   |
| multipapillatum, Pomponema             | HD288 | mutabilis, Hymedesmia                          | C939  |
| multipartita, Gracilaria               | ZM434 | <i>Mute Swan</i>                               | ZJ134 |
| multiplicatus, Pachycerianthus         | D634  | mutica, Eurycope                               | S926  |
| multiserrata, Aetideopsis              | R430  | <i>muticum</i> , <i>Sargassum</i>              | W1261 |
| multisetosa, Trochochaeta              | P715  | <i>muticum</i> , <i>Sargassum</i>              | ZD77  |
| multisetosum, Corophium                | S614  | muticum, <i>Sargassum</i>                      | ZR393 |
| multispinata, Hemicyclopora            | Y373  | muticus, Pontoptilus                           | R208  |
| multispinosus, Condyloderes            | HC18  | muticus, Xanthocalanus                         | R567  |
| multispiralis, Paracyatholaimoides     | HD319 | Mya  | W2144 |
| <i>multistriata</i> , <i>Hinnites</i>  | W1776 | MYACEA   | W2141 |
| multitubifer, Paracanthochus           | HD306 | Mycale   | C722  |
| MULTITUBULATINA                        | HB117 | <i>Mycale</i>                                  | C725  |
| <i>munda</i> , <i>Basilissa</i>        | W216  | Mycalidae                                      | C702  |
| Munida                                 | S1477 | Mychophilus                                    | R755  |
| munidae, Nectonema                     | HE7   | mydas, Chelonia                                | ZI6   |
| munidae, Triangulus                    | R115  | Mycicola                                       | R1989 |
| Munna                                  | S901  | Mycolidae                                      | R1988 |
| Munnidae                               | S900  | Myidae   | W2142 |
| Munnopsidae                            | S929  | Myinae   | W2143 |
| Munthea                                | W1170 | Myliobatididae                                 | ZF104 |
| Muraena                                | ZG13  | MYLIOBATIDIFORMES                              | ZF100 |
| Muraenidae                             | ZG12  | Myliobatis                                     | ZF105 |
| <i>muratus</i> , <i>Idanthyrsus</i>    | P1114 | MYODOCOPIDA                                    | R2413 |
| <i>muratus</i> , <i>Lygdamis</i>       | P1114 | MYOIDA   | W2140 |
| MURICACEA                              | W671  | <i>Myoisophagos</i>                            | G55   |
| muricata, Onchidoris                   | W1325 | Myoisophagos                                   | G69   |
| muricata, Pontobdella                  | P1612 | Myoisophagus                                   | G68   |
| muricata, Thenea                       | C274  | myosotis var. <i>ringens</i> , <i>Ovatella</i> | W1512 |
| <i>muricata</i> , <i>Thenea</i>        | C275  | myosotis, <i>Ovatella</i>                      | W1511 |
| muricatum, Halecium                    | D395  | <i>myosotis</i> , <i>Phytia</i>                | W1511 |
| muricatus, Orthagoriscicola            | R2260 | myoxocephali, <i>Heptacyclus</i>               | P1596 |
| muricatus, Trophon                     | W679  | <i>Myoxocephalus</i>                           | P1608 |
| <i>muricatus</i> , <i>Trophonopsis</i> | W679  | Myriactula                                     | ZR248 |
| Muricidae                              | W672  | Myrianida                                      | P449  |
| Muricinae                              | W673  | myriocarpum, <i>Pneophyllum</i>                | ZM269 |
| murmanica, <i>Loxosomella</i>          | K30   | <i>Myriochele</i>                              | P1091 |
| murmanicus, <i>Lumbricillus</i>        | P1550 | Myriochele                                     | P1094 |
| murrayana, <i>Dendrobeania</i>         | Y254  | <i>Myriochele</i>                              | P1094 |
| murrayi, <i>Bythotiara</i>             | D236  | Myriocladia                                    | ZR226 |
| murrayi, <i>Callistocythere</i>        | R2594 | myriocladiae, <i>Streblonema</i>               | ZR76  |
| murrayi, <i>Potamethus</i>             | P1309 | Myriogramme                                    | ZM607 |
| <i>murrayi</i> , <i>Sabella</i>        | P1309 | Myrionema                                      | ZR117 |
| murrayi, <i>Triglops</i>               | ZG285 | Myrionemataceae                                | ZR108 |
| <i>Murrelet</i> , <i>Ancient</i>       | ZJ357 | myriophyllum, <i>Lytocarpia</i>                | D487  |
| musciiformis, <i>Enteromorpha</i>      | ZS163 | Myriothelidae                                  | D203  |
| musciiformis, <i>Hypnea</i>            | ZM364 | Myriotrichia                                   | ZR153 |
| muscooides, <i>Bougainvillia</i>       | D254  | Myriotrichiaceae                               | ZR147 |
| muscooides, <i>Coryne</i>              | D173  | Myrtea   | W1826 |
| muscooides, <i>Enteromorpha</i>        | ZS162 | Myrteinae                                      | W1825 |
| <i>muscooides</i> , <i>Fucus</i>       | ZR378 | Mysella  | W1905 |
| muscorum, <i>Philoscia</i>             | S1086 | Mysellinae                                     | W1904 |
| Musculus                               | W1719 | Mysia  | W2138 |
| musculus, <i>Balaenoptera</i>          | ZK67  | MYSIDA   | S30   |
| Musellifer                             | HB174 | MYSIDACEA                                      | S25   |
| mustela, <i>Ciliata</i>                | ZG111 | Mysidae  | S31   |
| mustela, <i>Eulalia</i>                | P155  | Mysideis                                       | S62   |
| <i>mustela</i> , <i>Turbanella</i>     | HB112 | Mysidella                                      | S95   |

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| Mysidellinae               | S94          | Nannolaimus                      | HD277 |
| Mysidion                   | R2143        | Nannomesochra                    | R1487 |
| Mysidopsis                 | S64          | Nannonyx                         | S310  |
| Mysinae                    | S45          | Nannopus                         | R1615 |
| Mysini                     | S68          | Nannosquillidae                  | S20   |
| mysis, Phyllothalestris    | R1076        | nanoides, Amphiascoides          | R1155 |
| Mysta                      | P125         | <i>nanoides, Anonyx</i>          | S343  |
| MYSTECETI                  | ZK62         | nanoides, Tryphosella            | S343  |
| mysticus, Nanaloricus      | IB5          | Nanomia                          | D71   |
| Mystides                   | P128         | nanum, Epitonium                 | W559  |
| MYTILACEA                  | W1690        | nanum, Halecium                  | D396  |
| mytili, Alcyonidium        | Y80          | nanus, Amphiascoides             | R1156 |
| Mytilicola                 | R1973        | nanus, Diacyclops                | R668  |
| Mytilicolidae              | R1972        | <i>nanus, Ergasilus</i>          | R1791 |
| Mytilidae                  | W1691        | nanus, Heteropsyllus             | R1469 |
| Mytilinae                  | W1692        | nanus, Orchomene                 | S321  |
| MYTILOIDA                  | W1689        | nanus, Paracalanus               | R380  |
| mytiloides, Pontocypris    | R2707        | nanus, Paronychocamptus          | R1735 |
| Mytilus                    | W1693        | <i>nanus, Polinices</i>          | W491  |
| Myxicola                   | P1298        | nanus, Tegastes                  | R1059 |
| myxicolae, Myxomolgus      | R1817        | NARCOMEDUSAE                     | D538  |
| Myxilla                    | C1078        | <i>Narwal</i>                    | ZK47  |
| Myxillidae                 | C1010        | nasica, Leucon                   | S1213 |
| Myxine                     | ZE5          | Nassariinae                      | W742  |
| MYXINI                     | ZE2          | nasus, Lamna                     | ZF16  |
| Myxinidae                  | ZE4          | <i>nasuta, Callizona</i>         | P209  |
| MYXINIFORMES               | ZE3          | nasuta, Hardametopa              | S189  |
| Myxocephalus               | ZG280        | nasuta, Henlea                   | P1534 |
| Myxomolgus                 | R1816        | nasuta, Rhynchonereella          | P209  |
| Myzomolgus                 | R1958        | nasutus, Nesiarchus              | ZG486 |
| Myzopontius                | R2110        | nasutus, Rhinocalanus            | R398  |
| MYZOSTOMIDA                | P1398        | natans, Bathyploetes             | ZB236 |
| Myzostomidae               | P1399        | <i>natans, Monhystera</i>        | HD496 |
| Myzostomum                 | P1400        | natans, Sargassum                | ZR394 |
|                            |              | Natica                           | W493  |
| <b>N</b>                   |              | NATICACEA                        | W481  |
| <b>Naccaria</b>            | <b>ZM152</b> | Naticidae                        | W482  |
| Naccariaceae               | ZM149        | Naticinae                        | W483  |
| naevus, Raja               | ZF95         | nationalis, Doliolum             | ZD178 |
| nagelfar, Hanleya          | W66          | nationalis, Lopadorrhynchus      | P219  |
| Naiades                    | P203         | Naucrates                        | ZG330 |
| Naididae                   | P1405        | Nausithoe                        | D22   |
| naidina, Exogone           | P422         | Nausithoidae                     | D21   |
| Nainereis                  | P658         | Nautiliniellidae                 | P345  |
| Nais                       | P1413        | navalis, Teredo                  | W2201 |
| nana, Bathyporeia          | S455         | navicula, Cythereis              | R2574 |
| nana, Chromadorita         | HD223        | navicula, Haminoea               | W1069 |
| nana, Clavelina            | ZD8          | navis, Clavopsella               | D260  |
| nana, Cuthona              | W1438        | nealei, Paradoxostoma            | R2653 |
| nana, Irona                | S834         | neali, Chondracanthus            | R2026 |
| nana, Oithona              | R622         | Neanthes                         | P467  |
| <i>nana, Opercularella</i> | D351         | neapolitana, Nerocila            | S830  |
| <i>nana, Orchomenella</i>  | S321         | neapolitana, Schmitzia           | ZM301 |
| nana, Sphacelaria          | ZR294        | neapolitana, Synchaeta           | HA85  |
| nana, Thesbia              | W870         | neapolitanus, Amphilocheus       | S159  |
| <i>nana, Tryphosa</i>      | S321         | Nebalia                          | S5    |
| nana, Yoldiella            | W1626        | nebaliae, Seison                 | HA122 |
| NANALORICIDA               | IB2          | Nebaliidae                       | S4    |
| Nanaloricidae              | IB3          | <i>nebula, Bela</i>              | W801  |
| Nanaloricus                | IB4          | nebula, Mangelia                 | W801  |
| Nanaspidae                 | R2114        | nebularia, Tringa                | ZJ285 |
| Nanaspis                   | R2115        | nebulosa, Eupolymnia             | P1189 |
| Nannastacidae              | S1214        | <i>nebulosa, Polymnia</i>        | P1189 |
| Nannastacus                | S1225        | Necora                           | S1588 |
| Nannocythere               | R2623        | <i>necrophagus, Lumbricillus</i> | P1552 |
| Nannolaimoides             | HD293        | Nectonema                        | HE5   |

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| Nectonematidae                 | HE4   | Neocytherideidae                     | R2629 |
| NECTONEMATOIDEA                | HE3   | Neocytherideis                       | R2630 |
| Nectopyramidinae               | D90   | Neodasyidae                          | HB118 |
| Nectopyramis                   | D91   | Neodasys                             | HB119 |
| neesii, Emplectonema           | G103  | Neodexiospira                        | P1379 |
| Neevea                         | ZM17  | NEOGASTROPODA                        | W670  |
| neglecta, Amphiascoides        | R1157 | Neogoniolithon                       | ZM249 |
| neglecta, Amphithoe            | S532  | Neolagenipora                        | Y375  |
| neglecta, Dactylopusia         | R1093 | Neoleanira                           | P99   |
| neglecta, Darcythompsonia      | R930  | Neolepton                            | W1915 |
| neglecta, Drepanorchis         | R119  | Neoleptonidae                        | W1914 |
| neglecta, Harpinia             | S254  | NEOLORICATA                          | W47   |
| neglecta, Hydrobia             | W384  | Neomenia                             | W29   |
| neglecta, Idotea               | S941  | NEOMENIAMORPHA                       | W27   |
| neglecta, Laomedea             | D516  | Neomeniidae                          | W28   |
| neglecta, Littorina            | W300  | Neomysis                             | S75   |
| neglecta, Mesogloia            | ZR224 | Neonesidea                           | R2461 |
| neglecta, Ophelia              | P1002 | Neopanope                            | S1610 |
| neglecta, Potamilla            | P1311 | Neopentadactyla                      | ZB259 |
| neglecta, Pseudocyclopina      | R660  | Neopontius                           | R2112 |
| neglecta, Samythella           | P1165 | Neopycnodonte                        | W1765 |
| neglecta, Schistomeringos      | P642  | Neoschizopera                        | R1253 |
| neglecta, Sepietta             | W2332 | Neotonchus                           | HD268 |
| neglecta, Turris               | D291  | Neoturris                            | D241  |
| neglecta, Urospora             | ZS70  | Nephasoma                            | N24   |
| neglectum, Aglaothamnion       | ZM475 | Nephropidae                          | S1398 |
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| neglectum, Halectinosoma       | R868  | Nephrops                             | S1401 |
| neglectus, Aristias            | S282  | <i>Nephtys</i>                       | P494  |
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| Nemalion                       | ZM138 | Neptunea                             | W726  |
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| Nemanema                       | HD97  | neptunus, Cystisoma                  | S720  |
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| Nemastoma                      | ZM378 | Nereicolidae                         | R1964 |
| Nemastomataceae                | ZM375 | Nereididae                           | P458  |
| NEMATODA                       | HD1   | NEREIDOIDEA                          | P292  |
| nematodes, Procerastea         | P457  | Nereimyra                            | P310  |
| Nematomenia                    | W17   | Nereiphylla                          | P169  |
| NEMATOMORPHA                   | HE1   | <i>Nereis</i>                        | P461  |
| Nematonereis                   | P567  | <i>Nereis</i>                        | P467  |
| Nematonurus                    | ZG162 | Nereis                               | P472  |
| Nematopagurus                  | S1452 | Nerilla                              | P1045 |
| Nematostella                   | D760  | NERILLIDA                            | P1030 |
| NEMERTEA                       | G1    | Nerillidae                           | P1031 |
| Nemertesia                     | D462  | Nerillidium                          | P1049 |
| nemertophilus, Pseudanthessius | R1868 | Nerillidopsis                        | P1053 |
| Nemertopsis                    | G104  | NERITACEA                            | W252  |
| Nemesis                        | R2277 | Neritidae                            | W253  |
| Nemichthyidae                  | ZG18  | NERITIMORPHA                         | W251  |
| Nemichthys                     | ZG21  | neritina, Bugula                     | Y245  |
| Neoamphitrite                  | P1203 | <i>neritoides</i> , <i>Littorina</i> | W309  |
| Neoargestes                    | R1663 | neritoides, Melarhappe               | W309  |
| Neobrachiella                  | R2351 | Neritrema                            | W297  |
| Neobradya                      | R925  | Nerocila                             | S828  |
| Neobradyidae                   | R921  | Nerophis                             | ZG241 |
| Neocalanus                     | R368  | nerthus, Tubifex                     | P1485 |
| Neocentrophyidae               | HC31  | Nesiarchus                           | ZG485 |
| NEOCHEILOSTOMATINA             | Y183  | nesidensis, Eupolymnia               | P1190 |
| Neochromadora                  | HD238 | <i>nesidensis</i> , <i>Polymnia</i>  | P1190 |
| Neocorambe                     | W1298 | Netta                                | ZJ147 |
| Neocrania                      | X7    | nexa, Galathea                       | S1474 |
| Neocyclopina                   | R657  | nexa, Iphimedia                      | S381  |

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| Nezumia                                     | ZG164 | nitida, Lepton                         | W1882 |
| nicaeense, Trischizostoma                   | S339  | nitida, Membraniporella                | Y234  |
| nicaeensis, Schottera                       | ZM412 | <i>nitida</i> , <i>Philine</i>         | W1051 |
| Nicania                                     | W1935 | <i>nitida</i> , <i>Podoceropsis</i>    | S542  |
| Nicippe                                     | S405  | nitida, Xestoleberis                   | R2685 |
| Nicolea                                     | P1209 | <i>nitidissima</i> , <i>Anisocycla</i> | W997  |
| Nicomache                                   | P979  | <i>nitidissima</i> , <i>Eulimella</i>  | W997  |
| Nicomachinae                                | P976  | nitidopunctata, Gephyrotes             | Y312  |
| Nicothoe                                    | R2145 | nitidosa, Nucula                       | W1569 |
| Nicothoidae                                 | R2131 | <i>nitidula</i> , <i>Cylichnina</i>    | W1084 |
| nidarosiensis, Mexidrilus                   | P1453 | nitidula, Ectinosomella                | R845  |
| <i>nidarosiensis</i> , <i>Phalodrilus</i>   | P1453 | nitidula, Jania                        | ZM220 |
| nidarosiensis, Raja                         | ZF96  | <i>nitidula</i> , <i>Jania</i>         | ZM220 |
| <i>nielsenii</i> , <i>Lumbricillus</i>      | P1540 | nitidula, Retusa umbilicata var.       | W1084 |
| niger, Centrolophus                         | ZG530 | nitidulum, Chaetoderma                 | W9    |
| niger, Chlidonias                           | ZJ331 | <i>nitidum</i> , <i>Hemilepton</i>     | W1882 |
| niger, Gobius                               | ZG467 | <i>nitidum</i> , <i>Lepton</i>         | W1882 |
| niger, Lumbricillus                         | P1551 | <i>nitidus</i> , <i>Polinices</i>      | W491  |
| niger, Musculus                             | W1722 | <i>nitidus</i> , <i>Sipunculus</i>     | N8    |
| niger, Siphonolaimus                        | HD565 | <i>Nitocra</i>                         | R1319 |
| <i>Nigerian Tongue Sole</i>                 | ZG594 | Nitokra                                | R1319 |
| <i>Night Heron</i>                          | ZJ82  | Nitophyllum                            | ZM613 |
| <i>Night Heron</i> , <i>Black-crowned</i>   | ZJ82  | nitorum, Lithophyllum                  | ZM232 |
| nigra americana, Melanitta                  | ZJ140 | <i>nitschei</i> , <i>Loxosomella</i>   | K30   |
| nigra, Diphasia                             | D418  | nitschei, Loxosomella                  | K31   |
| nigra, Doto                                 | W1284 | nivalis, Typhlomangelia                | W793  |
| nigra, Melanitta                            | ZJ139 | <i>nivea</i> , <i>Chlamys</i>          | W1780 |
| <i>nigra</i> , <i>Oerstedtia</i>            | G110  | nivea, Chlamys varia var.              | W1780 |
| nigra, Oerstedtia                           | G111  | <i>nivea</i> , <i>Leucandra</i>        | C93   |
| nigra, Ophiocomina                          | ZB128 | nivea, Leuconia                        | C93   |
| nigra, Polycelis                            | F29   | nivea, Lysilla                         | P1234 |
| nigra, Polysiphonia                         | ZM672 | <i>nivea</i> , <i>Montacuta</i>        | W1902 |
| nigrescens, Cladophora                      | ZS207 | <i>nivea</i> , <i>Sagartia</i>         | D713  |
| nigrescens, Erythrotrichia                  | ZM36  | <i>nivea</i> , <i>Tellimya</i>         | W1902 |
| <i>nigrescens</i> , <i>Polysiphonia</i>     | ZM667 | nivosa, Jordaniella                    | W946  |
| nigrescens, Semicytherura                   | R2551 | <i>nivosa</i> , <i>Odostomia</i>       | W946  |
| <i>nigricans</i> , <i>Halichondria</i>      | C1057 | nixe, Pusillargillus                   | R1494 |
| nigricans, Iophonopsis                      | C1057 | noachina, Puncturella                  | W112  |
| <i>nigricans</i> , <i>Iophonopsis</i>       | C1058 | nobiliana, Torpedo                     | ZF79  |
| <i>nigricans</i> , <i>Menyllus</i>          | C1057 | nobilis, Ameiropsis                    | R1310 |
| nigricollis, Podiceps                       | ZJ15  | nobilis, Calpensia                     | Y289  |
| nigridentata, Parougia                      | P635  | nobilis, Coryphella                    | W1420 |
| nigrimaculata, Oerstedtia                   | G112  | nobilis, Diarthrodes                   | R1107 |
| <i>nigrimaculata</i> , <i>Paroerstedtia</i> | G112  | <i>nobilis</i> , <i>Flabellina</i>     | W1420 |
| nigripes, Dermatomyzon                      | R2088 | nobilis, Leuckartiara                  | D239  |
| nigrolineata, Littorina                     | W301  | noctiluca, Pelagia                     | D39   |
| nigromaculata, Sapphirina                   | R1907 | nocturna, Jaxea                        | S1412 |
| nilotica, Gelocheledon                      | ZJ333 | nodastrella, Geodia                    | C228  |
| nilsodhneri, Tritonia                       | W1253 | nodicaulis, Cystoseira                 | ZR368 |
| nilssoni, Chaetoparia                       | P149  | nodifera, Stenopleustes                | S151  |
| <i>nilssoni</i> , <i>Hyale</i>              | S224  | nodiferum, Acidostoma                  | S274  |
| <i>Nilsson's Pipefish</i>                   | ZG246 | nodifrons, Euaugaptilus                | R182  |
| ninae, Nanaspis                             | R2116 | <i>nodosa</i> , <i>Ascopodaria</i>     | K53   |
| <i>Nine-spined Stickleback</i>              | ZG228 | nodosa, Eunoe                          | P46   |
| ninetta, Lysidice                           | P562  | nodosa, Goniodoris                     | W1302 |
| Nipponnemertes                              | G97   | nodosa, Harmothoe                      | P46   |
| <i>nisoides</i> , <i>Aclis</i>              | W593  | nodosa, Hormathia                      | D733  |
| nisseni, Tomopteris                         | P250  | nodosum, Ascophyllum                   | ZR375 |
| nitens, Buskia                              | Y145  | nodosum, Cytheropteron                 | R2533 |
| <i>nitens</i> , <i>Odostomia</i>            | W942  | nodosus, Chondracanthus                | R2027 |
| <i>nitens</i> , <i>Skenea</i>               | W204  | nodulifera, Calliobdella               | P1589 |
| nitescens, Athanus                          | S1333 | <i>nodulosa</i> , <i>Acar</i>          | W1664 |
| nitida, Abra                                | W2061 | nodulosa, Ammatophora                  | Y232  |
| nitida, Brachystomia scalaris var.          | W926  | <i>nodulosa</i> , <i>Arca</i>          | W1664 |
| <i>nitida</i> , <i>Erycina</i>              | W1882 | <i>nodulosa</i> , <i>Barbatia</i>      | W1664 |
| nitida, Gammaropsis                         | S542  | nodulosa, Bentharca                    | W1664 |

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| nodulosum, Ceramium                      | ZM519 | norvegica, Candacia             | R313  |
| Noemiamea                                | W955  | norvegica, Cyclopina            | R640  |
| Noerrevangia                             | W881  | norvegica, <i>Desmodora</i>     | HD348 |
| Noetiidae                                | W1672 | norvegica, Eunice               | P557  |
| noevus, Chelonaplysilla                  | C1652 | norvegica, Goniada              | P272  |
| Nogagus                                  | R2251 | norvegica, Heterolaophonte      | R1690 |
| <i>nolani</i> , <i>Aricidea</i>          | P682  | norvegica, Hydroides            | P1334 |
| Nolella                                  | Y91   | norvegica, Meganyctiphanes      | S1266 |
| Nolellidae                               | Y90   | norvegica, Metopa               | S196  |
| Nomeidae                                 | ZG535 | norvegica, Microsetella         | R893  |
| <i>nomen dubium</i>                      | G85   | norvegica, Nemertesia           | D464  |
| <i>nomen dubium</i>                      | G86   | norvegica, Nototeredo           | W2217 |
| <i>nomen dubium</i>                      | G88   | norvegica, Ophelina             | P1017 |
| noodti, Micropsammis                     | R1596 | norvegica, Orbinia              | P670  |
| Noodtiella                               | R895  | norvegica, Pareuchaeta          | R504  |
| nordenskioldi, Lanassa                   | P1192 | norvegica, Protopsammotopa      | R1212 |
| <i>nordgaardi</i> , <i>Bougainvillia</i> | D254  | norvegica, Siriella             | S38   |
| nordgaardi, Loxosomella                  | K32   | norvegica, <i>Teredo</i>        | W2217 |
| nordmanni, Aplidium                      | ZD37  | norvegicum, <i>Alcyonium</i>    | D596  |
| <i>nordmanni</i> , <i>Aplidium</i>       | ZD39  | norvegicum, Lithothamnion       | ZM241 |
| <i>nordmanni</i> , <i>Eone</i>           | P268  | norvegicum, Siboglinum          | M14   |
| nordmanni, Evadne                        | R6    | norvegicus, Botryllophilus      | R772  |
| nordmanni, Glareola                      | ZJ200 | norvegicus, Chaetopterus        | P812  |
| nordmanni, Glycinde                      | P268  | norvegicus, Heterorhabdus       | R240  |
| nordmanni, Jaera                         | S889  | norvegicus, Nephrops            | S1402 |
| nordmanni, Lepeophtheirus                | R2223 | norvegicus, Phrynorhombus       | ZG551 |
| normandicum, Daptonema                   | HD513 | norvegicus, Polycirrus          | P1243 |
| Normanella                               | R1756 | norvegicus, Pomatoschistus      | ZG480 |
| Normanellidae                            | R1755 | norvegicus, <i>Pontocrates</i>  | S135  |
| normani, Amonardia                       | R1146 | norvegicus, Pontophilus         | S1392 |
| <i>normani</i> , <i>Amphiascus</i>       | R1179 | norvegicus, Sipunculus          | N8    |
| normani, Aspidocia                       | R2133 | norvegicus, <i>Volutopsius</i>  | W738  |
| normani, Cribropontius                   | R2105 | <i>Norway Bullhead</i>          | ZG279 |
| <i>normani</i> , <i>Cucumaria</i>        | ZB278 | <i>Norway Goby</i>              | ZG480 |
| normani, Doropygella                     | R694  | <i>Norway Haddock</i>           | ZG257 |
| <i>normani</i> , <i>Dragmastra</i>       | C234  | <i>Norway Pout</i>              | ZG142 |
| normani, Echinopsyllus                   | R1776 | <i>Norwegian Topknot</i>        | ZG551 |
| normani, Ectinosoma                      | R839  | norvegica, Lyonsia              | W2247 |
| normani, Gastrosaccus                    | S42   | norvegicus, Volutopsius         | W738  |
| normani, Latrunculia                     | C509  | notacantha, Pseudochirella      | R481  |
| <i>normani</i> , <i>Menestho</i>         | W961  | Notacanthidae                   | ZG24  |
| normani, Micropora                       | Y287  | NOTACANTHIFORMES                | ZG23  |
| <i>normani</i> , <i>Odostomia</i>        | W961  | Notacanthus                     | ZG25  |
| normani, Ondina                          | W961  | notarisii, Neogoniolithon       | ZM251 |
| normani, Pachymatisma                    | C234  | NOTASPIDEA                      | W1153 |
| normani, Paradoxostoma                   | R2654 | Notholca                        | HA28  |
| normani, Rhabdopleura                    | ZC7   | Nothria                         | P543  |
| normani, Stenhelia                       | R1269 | nothus, Palio                   | W1357 |
| normani, Stomachetosella                 | Y447  | <i>nothus</i> , <i>Polycera</i> | W1357 |
| <i>normani</i> , <i>Toledonia</i>        | W961  | nothus, Tubulanus               | G33   |
| Normanion                                | S313  | Notirus                         | W2119 |
| <i>normanni</i> , <i>Odostomia</i>       | W961  | Notobranchaeidae                | W1221 |
| <i>North Atlantic Right Whale</i>        | ZK73  | Notochaetosoma                  | HD388 |
| <i>Northern Diver, Great</i>             | ZJ7   | Notocirrus                      | P596  |
| <i>Northern Fulmar</i>                   | ZJ30  | Notodelphyidae                  | R678  |
| <i>Northern Gannet</i>                   | ZJ61  | Notodelphys                     | R704  |
| <i>Northern Lapwing</i>                  | ZJ221 | Notolimea                       | W1750 |
| <i>Northern Pintail</i>                  | ZJ95  | Notomastus                      | P920  |
| <i>Northern Rockling</i>                 | ZG112 | NOTOMYOTIDA                     | ZB38  |
| <i>Northern sea fan</i>                  | D608  | Notophyllum                     | P172  |
| <i>Northern Shoveler</i>                 | ZJ97  | Notoplana                       | F88   |
| northumbriae, Graphonema                 | HD216 | Notoplites                      | Y269  |
| northumbriensis, Pseudonchus             | HD373 | Notoproctus                     | P983  |
| norvegica, Amphilepis                    | ZB164 | notops, Rhombognathus           | Q74   |
| norvegica, <i>Aricia</i>                 | P670  | Notopterophorus                 | R717  |
| norvegica, <i>Asterope</i>               | R2426 | notopus, Oncaea                 | R1891 |



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| Nototanaidae                      | S1166        | obliquatum, Neolepton                   | W1916 |
| Nototeredo                        | W2216        | oblitum, Buccinum                       | W707  |
| nouveli holthuisi, Processa       | S1367        | <i>oblivia</i> , <i>Parathemisto</i>    | S740  |
| nouveli, Paramysis                | S80          | oblonga, Alteutha                       | R1038 |
| novaeangliae, Megaptera           | ZK70         | oblonga, Hemicythere                    | R2580 |
| novusetosus, Gerlachius           | HD479        | oblonga, Onchidoris                     | W1326 |
| Nucella                           | W686         | oblonga, Undinella                      | R528  |
| Nucellicola                       | R1979        | <i>oblongula</i> , <i>Liostoma</i>      | W959  |
| Nucellicolidae                    | R1978        | <i>oblongula</i> , <i>Menestho</i>      | W959  |
| nucleus, Nucula                   | W1570        | <i>oblongula</i> , <i>Odostomia</i>     | W959  |
| Nucula                            | W1565        | oblongum, Dichelesthium                 | R2267 |
| NUCULACEA                         | W1562        | oblongum, Halectinosoma                 | R869  |
| Nuculana                          | W1589        | oblongus, Euaugaptilus                  | R183  |
| NUCULANACEA                       | W1586        | oblongus, Eurycletodes                  | R1648 |
| Nuculanidae                       | W1587        | obscura, Aspitrigla                     | ZG263 |
| Nuculaninae                       | W1588        | obscura, Corambe                        | W1296 |
| Nuculidae                         | W1563        | <i>obscura</i> , <i>Doridella</i>       | W1296 |
| Nuculinae                         | W1564        | obscura, Oncaea                         | R1892 |
| NUCULOIDA                         | W1561        | obscura, Solariella                     | W190  |
| Nuculoma                          | W1574        | <i>obscura</i> , <i>Styela</i>          | ZD117 |
| Nuculominae                       | W1573        | <i>obscura</i> , <i>Ulvaria</i>         | ZS50  |
| NUDA                              | E11          | obscurum, Monostroma                    | ZS50  |
| nudator, Bathybela                | W781         | obscurus, Amphiascopsis                 | R1161 |
| NUDIBRANCHIA                      | W1243        | obscurus, Endocheres                    | R2182 |
| nudicapitata, Chromadora          | HD190        | obscurus, Harpacticus                   | R961  |
| Nudora                            | HD417        | obsoleta, Thyasira                      | W1840 |
| nudus, Metarhombognathus          | Q65          | obtusa var. lajonkaireana, Retusa       | W1078 |
| nudus, Mimocalanus                | R403         | obtusa var. turrata, Retusa             | W1079 |
| nudus, Sipunculus                 | N9           | <i>obtusa</i> , <i>Chrysallida</i>      | W937  |
| Numenius                          | ZJ266        | obtusa, Hemiaclis                       | W631  |
| nummulus, Hymedesmia              | C940         | obtusa, Laurencia                       | ZM642 |
| <i>Nurse Hound</i>                | ZF29         | obtusa, Pseudochirella                  | R482  |
| nutans, Corymorpha                | D155         | <i>obtusa</i> , <i>Putilla</i>          | W365  |
| nutans, Garveia                   | D265         | obtusa, Retusa                          | W1077 |
| nutans, Pedicellina               | K48          | obtusata var. aestuarii, Littorina      | W303  |
| nutricula, Turritopsis            | D291         | obtusata var. palliata, Littorina       | W304  |
| nux, Ebalia                       | S1507        | obtusata, Abludomelita                  | S498  |
| Nycticorax                        | ZJ81         | obtusata, Bythocypris                   | R2469 |
| nycticorax, Nycticorax            | ZJ82         | obtusata, Littorina                     | W302  |
| Nyctiphanes                       | S1267        | <i>obtusata</i> , <i>Melita</i>         | S498  |
| Nymphon                           | Q11          | obtusatus, Eulimnogammarus              | S470  |
| Nymphonidae                       | Q3           | obtusatus, Pseudocyclops                | R153  |
| NYNANTHEAE                        | D672         | Obtusella                               | W364  |
| nyroca, Aythya                    | ZJ119        | obtusifrons, Amalothrix                 | R582  |
| <b>O</b>                          |              | obtusifrons, Chiridius                  | R447  |
| <b>Oar-fish</b>                   | <b>ZG219</b> | obtusifrons, Menigrates                 | S307  |
| Obelia                            | D517         | obtusum, Ectinosoma                     | R840  |
| obelina, Diplosolen               | Y44          | obtusus, Trissonchulus                  | HD65  |
| Obeliinae                         | D506         | obtusus, Xanthocalanus                  | R568  |
| oberhaeuseri, Hypsibius           | V31          | <i>occidentale</i> , <i>Calliostoma</i> | W181  |
| obesa, Iphimedia                  | S382         | <i>occidentalis</i> , <i>Dentalium</i>  | W1520 |
| <i>obesa</i> , <i>Lernaeopoda</i> | R2352        | occulta, Akessonia                      | R2407 |
| obesa, Loxosomella                | K33          | occulta, Hymedesmia                     | C941  |
| obesa, Parerythrops               | S54          | occulta, Molgula                        | ZD152 |
| <i>obesum</i> , <i>Acidostoma</i> | S274         | occulta, Sarsia                         | D185  |
| obesum, Acidostoma                | S275         | occultus, Eualus                        | S1344 |
| obesum, Chordeumium               | R2202        | occultus, Paracyatholaimus              | HD316 |
| obesum, Ecnentrum                 | HA59         | occultus, Riseriellus                   | G72   |
| obesus, Eurythenes                | S294         | Oceanapia                               | C1491 |
| obesus, Thunnus                   | ZG515        | oceanica, Crasiella                     | HB48  |
| obliqua, Ascidia                  | ZD90         | oceanica, Ligia                         | S1056 |
| <i>obliqua</i> , <i>Calycella</i> | D386         | oceanicus, Gammarus                     | S479  |
| <i>obliqua</i> , <i>Evalea</i>    | W962         | oceanicus, Oceanites                    | ZJ43  |
| obliqua, Menestho                 | W962         | oceanides, Chaetonotus                  | HB142 |
| obliqua, Monothea                 | D461         | Oceanites                               | ZJ42  |
|                                   |              | Oceanobdella                            | P1603 |

|                                       |       |   |       |
|---------------------------------------|-------|---|-------|
| Oceanodroma                           | ZJ44  | odontoplax, Ampelisca                   | S433  |
| oceanus, Trissonchulus                | HD66  | Odontosyllis                            | P385  |
| ocellaris, Blennius                   | ZG408 | Odostomia                               | W908  |
| ocellata, Bopyrina                    | S997  | Odostomiinae                            | W907  |
| ocellata, Dasya                       | ZM578 | oedicarpus, Scina                       | S689  |
| ocellata, Halopsis                    | D321  | Oedicerotidae                           | S118  |
| ocellata, Microcoryne                 | ZR247 | OEDICEROTOIDEA                          | S117  |
| ocellatum, Chilionema                 | ZR170 | oedichnemus, Burhinus                   | ZJ194 |
| ocellatus, Cyatholaimus               | HD298 | Oenonidae                               | P586  |
| ocellatus, Platydasy                  | HB66  | Oenopota                                | W812  |
| Ocenebra                              | W684  | oerstedii, Heterotanais                 | S1112 |
| Ocenebrinae                           | W682  | oerstedii, Panthalis                    | P87   |
| Ochlochaete                           | ZS100 | Oerstedtia                              | G107  |
| ochlochaetoides, Thamniochloris       | ZS128 | <i>Oerstedtia</i>                       | G110  |
| ochotensis, Porphyra                  | ZM61  | <i>Oerstedtia</i>                       | G112  |
| ochracea, Schizomavella               | Y475  | <i>oerstedii</i> , <i>Clymene</i>       | P964  |
| ochroleuca, Laminaria                 | ZR353 | oerstedii, Euclymene                    | P964  |
| ochropus, Tringa                      | ZJ286 | <i>oestergreni</i> , <i>Enteroxenos</i> | W616  |
| ocia, Jassa                           | S571  | Oestergrenia                            | ZB304 |
| Ocinebrina                            | W688  | officinalis, Corallina                  | ZM205 |
| ockelmanni, Eumida                    | P165  | <i>officinalis</i> , <i>Sepia</i>       | B7    |
| <i>ockelmanni</i> , <i>Prionospio</i> | P766  | <i>officinalis</i> , <i>Sepia</i>       | B15   |
| Ocnus                                 | ZB273 | officinalis, Sepia                      | W2307 |
| Octobranthus                          | P1172 | Oikopleura                              | ZD163 |
| Octocanna                             | D361  | Oikopleuridae                           | ZD162 |
| octocirrata, Sabellides               | P1160 | <i>Oilfish</i>                          | ZG488 |
| OCTOCORALLIA                          | D584  | Oithona                                 | R619  |
| octocornis, Dorsiceratus              | R1772 | Oithonidae                              | R618  |
| octocostatatum, Melicertum            | D313  | Okenia                                  | W1307 |
| octodentata, Escharella               | Y368  | Okeniidae                               | W1305 |
| octodonta, Aglaophenia                | D479  | Okeniinae                               | W1306 |
| octodonta, Eudendrium                 | D225  | olearium, Ranella                       | W511  |
| Octohydra                             | D553  | olfersi, Argyropelecus                  | ZG69  |
| octona, Leuckartiara                  | D240  | OLIGARTHRA                              | R803  |
| Octopicola                            | R1795 | Oligobranchia                           | M5    |
| Octopicolidae                         | R1794 | Oligobranchiidae                        | M4    |
| OCTOPODA                              | W2391 | OLIGOCHAETA                             | P1402 |
| Octopodidae                           | W2392 | oligochaeta, Robertgurneya              | R1237 |
| octopodides, Halammohydra             | D550  | Oligocladus                             | F111  |
| Octopodinae                           | W2393 | Oligocletodes                           | R1644 |
| Octopoteuthidae                       | W2342 | oligocotyla, Pneumodermopsis            | W1215 |
| Octopoteuthis                         | W2343 | oligosecosa, Marionina                  | P1568 |
| octopunctata, Rathkea                 | D270  | Olindiidae                              | D528  |
| Octopus                               | W2394 | olivaceus, Margarites                   | W151  |
| octopus, Rhizostoma                   | D52   | olivascens, Ulva                        | ZS180 |
| <i>Octorchis</i>                      | D367  | oliveri, Sige                           | P192  |
| oculata, Galathowenia                 | P1093 | Olivia                                  | W146  |
| oculata, Haliclona                    | C1427 | <i>olivii</i> , <i>Cadulus</i>          | W1553 |
| oculata, Henricia                     | ZB83  | olivii, Gadila                          | W1553 |
| oculata, Madrepora                    | D779  | olor, Cygnus                            | ZJ134 |
| oculata, Molgula                      | ZD153 | olssoni, Enalcyonium                    | R2049 |
| oculata, Proales                      | HA36  | Omalaxidae                              | W884  |
| oculatus, Copidognathus               | Q104  | Omalaxis                                | W885  |
| oculatus, Paraphoxus                  | S267  | Omalogyra                               | W900  |
| oculifer, Protodrilus                 | P1078 | OMALOGYRACEA                            | W898  |
| Oculinidae                            | D777  | Omalogyridae                            | W899  |
| odhneri, Dicata                       | W1481 | Omalosecosa                             | Y507  |
| <i>odhneri</i> , <i>Tritonia</i>      | W1253 | Ommastrephes                            | W2375 |
| Odius                                 | S385  | Ommastrephidae                          | W2365 |
| Odobenidae                            | ZK6   | Ommastrephinae                          | W2374 |
| Odobenus                              | ZK7   | Ommatokoita                             | R2359 |
| Odonthalia                            | ZM648 | ommatophora, Ptychostomella             | HB72  |
| ODONTOCETI                            | ZK21  | Omphalophyllum                          | ZR156 |
| odontonyx, Paramphilochoides          | S170  | Omphalopoma                             | P1352 |
| Odontophora                           | HD601 | Omphalotropidinae                       | W403  |
| Odontophoroides                       | HD609 | Oncaea                                  | R1882 |

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| Oncaeidae                     | R1874 | ophiocomae, Rhopalura                   | B20   |
| Onchidella                    | W1498 | Ophiocomidae                            | ZB126 |
| ONCHIDIACEA                   | W1496 | Ophiocomina                             | ZB127 |
| Onchidiidae                   | W1497 | Ophiocten                               | ZB167 |
| ONCHIDORIDACEA                | W1293 | Ophiodelphys                            | R723  |
| Onchidorididae                | W1319 | Ophiodromus                             | P312  |
| Onchidoris                    | W1320 | ophiogaster, Dipurena                   | D178  |
| Onchium                       | HD445 | Ophiomitrella                           | ZB133 |
| Onchnesoma                    | N35   | Ophiomusium                             | ZB179 |
| Onchocalanus                  | R548  | Ophiomyxa                               | ZB117 |
| Oncholaimellus                | HD114 | Ophiomyxidae                            | ZB116 |
| Oncholaimidae                 | HD103 | Ophiopholis                             | ZB146 |
| Oncholaimus                   | HD117 | Ophiopleura                             | ZB177 |
| Oncorhynchus                  | ZG46  | Ophiopsila                              | ZB129 |
| Oncousoecia                   | Y23   | Ophiopus                                | ZB144 |
| Oncousoeciidae                | Y20   | Ophioscolex                             | ZB119 |
| Ondina                        | W957  | Ophioseides                             | R725  |
| Oniscidae                     | S1087 | Ophiothrix                              | ZB123 |
| ONISCIDEA                     | S1050 | Ophiotrichidae                          | ZB122 |
| ONISCOIDEA                    | S1077 | Ophiura                                 | ZB166 |
| oniscoides, Spinther          | P534  | ophiura, Ophiura                        | ZB170 |
| Oniscus                       | S1088 | OPHIURIDA                               | ZB115 |
| Onoba                         | W366  | Ophiuridae                              | ZB165 |
| Onogadus                      | ZG130 | OPHIUROIDEA                             | ZB105 |
| onosi, Taeniacanthus          | R2012 | Ophlitaspongia                          | C1210 |
| Onuphidae                     | P537  | Ophryotrocha                            | P613  |
| Onuphis                       | P546  | Opisa                                   | S315  |
| onusta, Doto                  | W1285 | Opisthodonta                            | P390  |
| <i>Onychocamptus</i>          | R1671 | Oplophoridae                            | S1295 |
| Onychocamptus                 | R1724 | <i>Orange-striped anemone</i>           | D707  |
| Onychognathiidae              | IA24  | orbicularis, Artotrogus                 | R2099 |
| ONYCHOPODA                    | R3    | orbicularis, Polycope                   | R2439 |
| Onychoteuthidae               | W2345 | orbiculata, Diarthrodella               | R1432 |
| Onychoteuthis                 | W2346 | orbiculatum, Lithophyllum               | ZM233 |
| Onyx                          | HD363 | orbigniana, Sepia                       | W2308 |
| Ooneides                      | R721  | <i>orbignyana, Sepia</i>                | W2308 |
| <i>oophaga, Calliopaea</i>    | W1122 | orbignyi, Nerocila                      | S831  |
| <i>oophaga, Stiliger</i>      | W1122 | Orbinia                                 | P661  |
| Oothrix                       | R553  | ORBINIIDA                               | P654  |
| opaca, Polysiphonia           | ZM673 | Orbiniidae                              | P655  |
| <i>Opah</i>                   | ZG216 | orca, Orcinus                           | ZK35  |
| opalina, Rissoella            | W894  | orcadensis, Lomentaria                  | ZM458 |
| opalina, Sapphirina           | R1908 | Orchestia                               | S231  |
| Opercularella                 | D340  | Orchomene                               | S317  |
| opercularis, Aequiptecten     | W1773 | <i>Orchomenella</i>                     | S317  |
| <i>opercularis, Chlamys</i>   | W1773 | <i>Orchomenopsis</i>                    | S317  |
| operculata, Amphisbetia       | D412  | Orcinus                                 | ZK34  |
| operculata, Cryptonatica      | W486  | orcombensis, Axonolaimus                | HD594 |
| <i>operculata, Natica</i>     | W486  | Orcynopsis                              | ZG505 |
| operculatum, Halochlorococcum | ZS18  | Oregoniinae                             | S1516 |
| Ophelia                       | P997  | <i>Oridia</i>                           | P1303 |
| opheliae, Praecanthonchus     | HD312 | <i>Oriental Pratincole</i>              | ZJ199 |
| OPHELIIDA                     | P992  | orientalis, Mytilicola                  | R1975 |
| Opheliidae                    | P993  | Oriopsis                                | P1303 |
| Opheliinae                    | P994  | orleji, Prochromadora                   | HD200 |
| Ophelina                      | P1012 | <i>omata, Dactylopodella</i>            | R1117 |
| Ophelininae                   | P1008 | ornata, Eulalia                         | P156  |
| Ophiacanthidae                | ZB132 | ornata, Eurystomina                     | HD142 |
| Ophiactidae                   | ZB140 | ornata, Loxosomella                     | K34   |
| Ophiactis                     | ZB141 | ornata, Oncaea                          | R1893 |
| Ophidiidae                    | ZG169 | ornata, Sabatieria                      | HD261 |
| OPHIDIIFORMES                 | ZG168 | ornata, Sagartia                        | D714  |
| Ophidion                      | ZG170 | <i>omata, Sagartia troglodytes var.</i> | D714  |
| ophidion, Nerophis            | ZG243 | ornata, Schimmelmanna                   | ZM356 |
| Ophinella                     | D457  | ornata, Schistomysis                    | S87   |
| Ophiocantha                   | ZB135 | ornata, Sphinctrella                    | C256  |

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| ornatissima, Parastenhelia        | R1141 | ovalis, Spisula                        | W1976       |
| ornatum, Chrodactylon             | ZM7   | ovata, <i>Decipula</i>                 | W1896       |
| ornatus, Aspidiophorus            | HB128 | ovata, Hincksia                        | ZR41        |
| ornatus, Chondracanthus           | R2028 | ovata, Nereicola                       | R1966       |
| ornatus, Cyatholaimus             | HD299 | ovata, Otina                           | W1502       |
| ornatus, Haloptilus               | R196  | ovata, Scolecithricella                | R605        |
| ornithochaeta, Micromaldane       | P978  | ovata, Timoclea                        | W2104       |
| Orobitellinae                     | W1909 | ovata, <i>Venus</i>                    | W2104       |
| orotavae, Kliopsyllus constrictus | R1394 | Ovatella                               | W1510       |
| orotavae, Kliopsyllus constrictus | R1394 | ovatolanceolata, Sapphirina            | R1909       |
| Orthagoriscicola                  | R2259 | ovatum, Gastroclonium                  | ZM451       |
| orthocarpa, Polysiphonia          | ZM674 | ovatum, Porcellidium                   | R1031       |
| ORTHONECTIDA                      | B16   | ovatus, Trachinotus                    | ZG336       |
| Orthopsyllidae                    | R1495 | ovicellata, Umbonula                   | Y350        |
| Orthopsyllus                      | R1496 | ovigera, Sphaerosyllis                 | P428        |
| Orthopyxis                        | D496  | ovitheca, Grania                       | P1526       |
| Orzeliscus                        | V13   | ovoides, Micropontius                  | R2119       |
| Oscarella                         | C162  | ovoides, Platyscelus                   | S779        |
| Osilinus                          | W176  | Ovulidae                               | W450        |
| osismica, Microciona              | C1202 | Ovulinae                               | W451        |
| Osmeridae                         | ZG52  | <i>ovulum, Mycale</i>                  | C725        |
| Osmerus                           | ZG53  | Owenia                                 | P1097       |
| <i>osmunda, Laurencia</i>         | ZM652 | oweniana, Sepietta                     | W2333       |
| osmunda, Osmundea                 | ZM652 | <i>owenii, Acanthonotus</i>            | S374        |
| Osmundea                          | ZM650 | OWENIIDA                               | P1089       |
| <i>Osprey</i>                     | ZJ163 | Oweniidae                              | P1090       |
| <i>ossiani, Beringius</i>         | W712  | oxycephala, Aonides                    | P722        |
| <i>ossiana, Beringius</i>         | W712  | oxycephala, Glycera                    | P262        |
| ossiansarsi, Skenea               | W197  | Oxycephalidae                          | S774        |
| OSTEICHTHYES                      | ZG1   | oxycerca, Daptonema                    | HD514       |
| ostendensis, Prodajus             | S978  | Oxynotidae                             | ZF46        |
| Osteopelta                        | W249  | Oxynotus                               | ZF47        |
| Osteopeltidae                     | W248  | Oxypolia                               | G45         |
| ostergreni, Enteroxenos           | W616  | OXYRHYNCHA                             | S1510       |
| ostracion, Microlaimus            | HD407 | <i>oxyrinchus, Coregonus lavaretus</i> | ZG45        |
| OSTRACODA                         | R2412 | oxyrinchus, Isurus                     | ZF14        |
| ostralegus, Haematopus            | ZJ186 | oxyrinchus, Raja                       | ZF97        |
| Ostrea                            | W1756 | oxyspermum, Monostroma                 | ZS51        |
| OSTREACEA                         | W1753 | OXYSTOMATA                             | S1500       |
| ostreae, Myicola                  | R1990 | Oxystomina                             | HD93        |
| Ostreidae                         | W1754 | Oxystominidae                          | HD85        |
| Ostreinae                         | W1755 | oxyurea, Gnathia                       | S796        |
| Ostreobium                        | ZS236 | oxyuris, Oncholaimus                   | HD122       |
| OSTREOIDA                         | W1752 | <i>Oystercatcher</i>                   | ZJ186       |
| otaviana, Danilia                 | W146  | <i>Oystercatcher, Eurasian</i>         | ZJ186       |
| otaviana, Olivia                  | W146  |  |             |
| othonis, Gammarus                 | S519  |  |             |
| othonis, Maera                    | S519  | <b>P</b>                               |             |
| Otina                             | W1501 | <b>Pachastrella</b>                    | <b>C248</b> |
| OTINACEA                          | W1495 | Pachastrellidae                        | C240        |
| Otinidae                          | W1500 | pachastrelloides, Characella           | C242        |
| otoplanobius, Theristus           | HD531 | <i>Pachycerianthus</i>                 | D631        |
| <i>Otter</i>                      | ZK4   | Pachycerianthus                        | D633        |
| otti, Turbanella                  | HB112 | pachyderma, Holmsella                  | ZM439       |
| ottoi, Calliotropis               | W143  | pachydermatum, Actinonema              | HD208       |
| <i>ottoi, Lischkeia</i>           | W143  | Pachygrapsus                           | S1624       |
| Ougia                             | P625  | Pachymatisma                           | C232        |
| ovale, <i>Cerastoderma</i>        | W1951 | Pachyptilus                            | R204        |
| ovale, Parvicardium               | W1951 | <i>Pachypygus</i>                      | R679        |
| ovalipes, Apherusa                | S107  | Pachypygus                             | R727        |
| ovalis, Ascomorpha                | HA49  | <i>Pacific Golden Plover</i>           | ZJ218       |
| ovalis, Cyamus                    | S668  | pacifica, Lanceola                     | S700        |
| ovalis, Cyclopina                 | R641  | <i>pacifica, Scina</i>                 | S693        |
| ovalis, Isochaeta                 | R253  | packardi, Monoculodes                  | S127        |
| ovalis, Lucicutia                 | R266  | Padina                                 | ZR316       |
| ovalis, Phoronis                  | ZA6   | padinae, Feldmannia                    | ZR26        |
|                                   |       | paganellus, Gobius                     | ZG468       |

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| pagelli, Alella                           | R2329        | pallidum, Ceramium                  | ZM520        |
| pagellibogneravei, Hatschekia             | R2294        | pallidus, Congericola               | R2288        |
| Pagellus                                  | ZG354        | pallidus, Eubranchus                | W1449        |
| pagenstecheri, Janua                      | P1372        | pallidus, Parastephos               | R513         |
| pagenstecheri, Lumbricillus               | P1552        | pallidus, Thaumaleus                | R2393        |
| <i>pagenstecheri</i> , <i>Pachydrilus</i> | <i>P1552</i> | Palliolum                           | W1784        |
| Pagophila                                 | ZJ319        | palloni, Acantholabrus              | ZG388        |
| pagrus, Sparus                            | ZG362        | Palmaria                            | ZM169        |
| paguri, Athelges                          | S987         | Palmariaaceae                       | ZM168        |
| paguri, Circeis armoricana                | P1368        | PALMARIALES                         | ZM167        |
| paguri, Clistosaccus                      | R137         | palmata, Anguinella                 | Y96          |
| paguri, Iphitime                          | P612         | palmata, Gammaropsis                | S543         |
| paguri, Peltogaster                       | R102         | <i>palmata</i> , <i>Gammarus</i>    | S525         |
| paguri, Sunaristes                        | R802         | palmata, Isodictya                  | C1438        |
| Paguridae                                 | S1445        | palmata, Melinna                    | P1124        |
| paguriphilus, Epizoanthus                 | D652         | palmata, Melita                     | S525         |
| PAGUROIDEA                                | S1436        | palmata, Metopa                     | S197         |
| pagurorum, Suberites                      | C424         | palmata, Palmaria                   | ZM170        |
| Pagurus                                   | S1454        | palmatum, Alcyonium                 | D599         |
| pagurus, Cancer                           | S1566        | Palmenella                          | R2507        |
| <i>Painted Goby</i>                       | <i>ZG481</i> | <i>Palmicellaria</i>                | Y390         |
| <i>Painted Ray</i>                        | <i>ZF93</i>  | Palmicellaria                       | Y512         |
| Palaemon                                  | S1315        | Palmipes                            | ZB62         |
| Palaemonetes                              | S1320        | Palmiskenea                         | Y390         |
| Palaemonidae                              | S1311        | Palmoconcha                         | R2612        |
| Palaemoninae                              | S1312        | <i>Palmyropsis</i>                  | <i>P6</i>    |
| PALAEOMONOIDEA                            | S1310        | palpebrosa, Rossia                  | W2314        |
| PALAEONEMERTEA                            | G3           | Palposyllis                         | P393         |
| paleophorus, Dysponetus                   | P10          | Paludinella                         | W404         |
| palifera, Macellomenia cf.                | W26          | palumboi, Disseta                   | R233         |
| PALINURA                                  | S1422        | palumboi, Euaugaptilus              | R184         |
| Palinuridae                               | S1428        | palusalsa, Ulothrix                 | ZS65         |
| PALINUROIDEA                              | S1427        | palustris bispinosa, Stenhelia      | R1271        |
| Palinurus                                 | S1429        | palustris, Nannopus                 | R1616        |
| Palio                                     | W1355        | palustris, Stenhelia                | R1270        |
| <i>pallasi</i> , <i>Echiurus</i>          | <i>O5</i>    | Pampus                              | ZG543        |
| pallasiana, Cryptosula                    | Y411         | Pandalidae                          | S1370        |
| <i>Pallas's Gull</i>                      | <i>ZJ311</i> | Pandalina                           | S1373        |
| pallescens, Cheirodonta                   | W532         | PANDALOIDEA                         | S1369        |
| pallescens, Dysidea                       | C1671        | Pandalus                            | S1375        |
| pallescens, Glyphanostomum                | P1151        | Pandaridae                          | R2239        |
| <i>pallescens</i> , <i>Triphora</i>       | <i>W532</i>  | Pandarus                            | R2246        |
| <i>palliata</i> , <i>Actinia</i>          | <i>D743</i>  | Pandea                              | D243         |
| palliata, Littorina obtusata var.         | W304         | Pandeiidae                          | D229         |
| <i>pallida</i> , <i>Actinia</i>           | <i>D710</i>  | Pandion                             | ZJ162        |
| <i>pallida</i> , <i>Actinotrocha</i>      | <i>ZA7</i>   | Pandionidae                         | ZJ161        |
| <i>pallida</i> , <i>Embletonia</i>        | <i>W1292</i> | Pandora                             | W2249        |
| pallida, Goniada                          | P273         | <i>Pandora</i>                      | <i>ZG357</i> |
| pallida, Janthina                         | W586         | pandora, Symbion                    | YA6          |
| pallida, Liljeborgia                      | S397         | PANDORACEA                          | W2241        |
| <i>pallida</i> , <i>Lunatia</i>           | <i>W494</i>  | Pandoridae                          | W2248        |
| pallida, Misophria                        | R616         | pandus, Metadesmolaimus             | HD539        |
| pallida, Natica                           | W494         | panicea, Halichondria               | C651         |
| <i>pallida</i> , <i>Natica</i>            | <i>W494</i>  | panicula, Campanulina               | D350         |
| <i>pallida</i> , <i>Odostomia</i>         | <i>W922</i>  | panicus, Adoncholaimus              | HD107        |
| pallida, Paraturbanella                   | HB101        | panicus, Choniolaimus               | HD328        |
| pallida, Pholoe                           | P93          | pannosa, Gelidiella                 | ZM164        |
| pallida, Phoronis                         | ZA7          | <i>pannosus</i> , <i>Desmacidon</i> | <i>C753</i>  |
| pallida, Podarke                          | P317         | Panomys                             | W2169        |
| <i>pallida</i> , <i>Poliana</i>           | <i>W494</i>  | <i>panormum</i> , <i>Dentalium</i>  | <i>W1521</i> |
| pallida, Swiftia                          | D608         | pansa, Hymedesmia                   | C942         |
| <i>pallida</i> , <i>Tenellia</i>          | <i>W1443</i> | Pantachogon                         | D569         |
| pallida, Trapania                         | W1318        | Panthalis                           | P86          |
| pallidula, Idyella                        | R1015        | pantherinus, Cerebratulus           | G43          |
| pallidula, Lacuna                         | W289         | Paphia                              | W2112        |
| pallidum, Aplidium                        | ZD38         | papilio, Notopterophorus            | R720         |

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| papillata, Crimora                            | W1341 | paradoxus, Autolytus                     | P443  |
| papillatus, Bradypontius                      | R2103 | paradoxus, Halichaetonotus               | HB155 |
| papillatus, Choniolaimus                      | HD329 | paradoxus, Oxynotus                      | ZF49  |
| Papillicardium                                | W1954 | paradoxus, Parasphaerolaimus             | HD560 |
| <i>papillicornis</i> , <i>Magelona</i>        | P807  | paradoxus, Spermatochnus                 | ZR261 |
| papillifera, Doto                             | W1286 | paradoxus, Thespesiopsyllus              | R630  |
| papillifera, Pseudovermis                     | W1465 | Paradraconema                            | HD386 |
| papilliger, Heterorhabdus                     | R241  | Paradrepanophoridae                      | G139  |
| papilliger, Leptolaimus                       | HD433 | Paradrepanophorus                        | G140  |
| papilocercus, Saccocirrus                     | P1088 | <i>paradubia</i> , <i>Laophontina</i>    | R1722 |
| papillosa, Aeolidia                           | W1484 | <i>parafilipjevi</i> , <i>Phanoderma</i> | HD51  |
| papillosa, Euchone                            | P1279 | <i>parafragilis</i> , <i>Nitokra</i>     | R1328 |
| <i>papillosa</i> , <i>Ophlitaspongia</i>      | C1215 | Paragnathia                              | S798  |
| <i>papillosa</i> , <i>Sarsicytheridea</i>     | R2514 | paraholsaticus, Kliopsyllus              | R1400 |
| papillosa, Stromatella                        | ZS120 | parahonestus, Calomicrolaimus            | HD401 |
| <i>papillosum</i> , <i>Calliostoma</i>        | W185  | Parajassa                                | S575  |
| papillosum, Myrionema                         | ZR122 | Paraktedrilus                            | P1455 |
| <i>papillosum</i> , <i>Papillicardium</i>     | W1955 | Paralacydonia                            | P509  |
| papillosum, Plagiocardium                     | W1955 | Paralacydoniidae                         | P508  |
| papillosus, Cycloporus                        | F110  | Paralaeospira                            | P1383 |
| papposus, Crossaster                          | ZB75  | Paralaophonte                            | R1725 |
| papyracea, Chartella                          | Y192  | Paralcyonium                             | D603  |
| <i>papyracea</i> , <i>Thracia</i>             | W2231 | Paralepididae                            | ZG78  |
| Parablennius                                  | ZG413 | Paralepis                                | ZG79  |
| Parabradya                                    | R833  | Paraleptastacus                          | R1515 |
| Paracalanidae                                 | R378  | <i>Paralinhomoeus</i>                    | HD573 |
| Paracalanus                                   | R379  | Paralinhomoeus                           | HD576 |
| Paracandacia                                  | R317  | <i>Paralinhomoeus</i>                    | HD576 |
| Paracanthonchus                               | HD300 | paralittoralis, Enoplus                  | HD10  |
| <i>Paracanthonchus</i>                        | HD300 | parallelogramma, Corella                 | ZD81  |
| <i>Paracanthonchus</i>                        | HD311 | Paralongicyatholaimus                    | HD322 |
| <i>paracaudaespinosus</i> , <i>Amphiascus</i> | R1207 | paralongisetosus, Bathylaimus            | HD156 |
| Paracentrophyes                               | HC32  | Paralycaea                               | S766  |
| Paracentrotus                                 | ZB201 | paramanca, Leptognathia                  | S1135 |
| Parachevreuxiella                             | S323  | paramediterraneus, Aspidiophorus         | HB129 |
| Parachordeumium                               | R2203 | Paramesacanthion                         | HD34  |
| Paraclione                                    | W1231 | Paramesochra                             | R1392 |
| Paracomesoma                                  | HD250 | <i>Paramesochra</i>                      | R1392 |
| Paracucumaria                                 | ZB271 | <i>Paramesochra</i>                      | R1399 |
| <i>paracuminata</i> , <i>Campanulina</i>      | D355  | <i>Paramesochra</i>                      | R1422 |
| Paracyatholaimoides                           | HD318 | <i>Paramesochra</i>                      | R1424 |
| Paracyatholaimus                              | HD314 | Paramesochridae                          | R1381 |
| Paracypris                                    | R2697 | Paramesochrinae                          | R1382 |
| Paracytheridea                                | R2497 | Parametaphoxus                           | S265  |
| Paracytherideidae                             | R2496 | Parametopa                               | S203  |
| Paracytherois                                 | R2642 | paraminuta, Heterolaophonte stroemi      | R1694 |
| Paradactylopodia                              | R1111 | Paramisophria                            | R218  |
| Paradanielssenia                              | R1597 | paramonhystera, Odontophoroides          | HD610 |
| Paradasys                                     | HB31  | Paramonhystera                           | HD540 |
| Paradexiospira                                | P1381 | Paramphiascella                          | R1199 |
| Paradiopatra                                  | P548  | Paramphiascopsis                         | R1205 |
| paradisaea, Sterna                            | ZJ345 | Paramphilochooides                       | S168  |
| Paradoneis                                    | P695  | Paramphinome                             | P517  |
| paradoxa, Advena                              | R2325 | Paramphitrite                            | P1212 |
| paradoxa, Feldmannia                          | ZR27  | Paramphiura                              | ZB158 |
| paradoxa, Gnathostomula                       | IA22  | Paramunna                                | S910  |
| paradoxa, Lumbrineriopsis                     | P571  | Paramunnidae                             | S909  |
| paradoxa, Nephtys                             | P504  | Paramuriceidae                           | D606  |
| paradoxa, Paralacydonia                       | P510  | Paramysis                                | S77   |
| paradoxa, Sphaeronella                        | R2165 | Paranais                                 | P1417 |
| <i>paradoxa</i> , <i>Spilophorella</i>        | HD245 | Paranaitis                               | P175  |
| paradoxa, Spilophorella                       | HD246 | Paranannopidae                           | R1585 |
| paradoxa, Wittrockiella                       | ZS222 | Paranannopus                             | R1599 |
| Paradoxostoma                                 | R2645 | Paranthesius                             | R1806 |
| Paradoxostomatidae                            | R2634 | Paranthura                               | S809  |
| paradoxum, Dicyema                            | B5    | Paranthuridae                            | S806  |

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| Paranympyon                    | Q23   | Pardaliscidae                                | S404  |
| Paraonidae                     | P674  | Parechinidae                                 | ZB191 |
| Paraonides                     | P701  | parelii, Pseudarchaster                      | ZB49  |
| Paraonis                       | P703  | Parellisina                                  | Y219  |
| paraornata, Rhips              | HD210 | Parepactophanes                              | R1489 |
| Parapaguridae                  | S1465 | PARERGODRILIDA                               | P857  |
| Parapagurus                    | S1466 | Parergodrilidae                              | P858  |
| paraphanostomae, Intoshia      | B29   | Parerythropodium                             | D600  |
| Paraphellia                    | D736  | Parerythrocs                                 | S53   |
| Paraphoxus                     | S266  | paretti, Nereiphylla                         | P170  |
| Paraphronima                   | S724  | <i>paretti</i> , <i>Phyllodoce</i>           | P170  |
| Paraphronimidae                | S723  | Pareuchaeta                                  | R495  |
| Paraphyllina                   | D31   | Pareurystomina                               | HD144 |
| Paraphyllinidae                | D30   | Pareurythoe                                  | P519  |
| Parapinnanema                  | HD218 | Parevansula                                  | R1332 |
| Parapleustes                   | S144  | Pariambus                                    | S650  |
| Parapodrilus                   | P628  | parisetum, Trileptium                        | HD40  |
| parapoecilosoma, Chromadorella | HD194 | parkeri, Schistomysis                        | S88   |
| Parapontella                   | R337  | <i>parkinsoni</i> , <i>Cystisoma</i>         | S721  |
| Parapontellidae                | R336  | <i>Paroerstedtia</i>                         | G112  |
| parapontica, Chromaspirina     | HD357 | Paroithona                                   | R626  |
| Parapseudoleptomesochra        | R1330 | Paromola                                     | S1498 |
| Pararenopontia                 | R1555 | paroniana, Fridericia                        | P1520 |
| Parargestes                    | R1665 | Paronychocamptus                             | R1733 |
| Pararobertsonia                | R1209 | Parophryotrocha                              | P630  |
| Pararrhopaliidae               | W33   | parorbiculata, Diarthrodella                 | R1433 |
| Parartotrogus                  | R2125 | Parougia                                     | P632  |
| Parascelidae                   | S783  | Paroxystomina                                | HD99  |
| Parascelus                     | S784  | <i>Parrot Sea-perch</i>                      | ZG305 |
| Parascolelepis                 | P784  | partenopea, Andresia                         | D671  |
| Parasinelobus                  | S1103 | Parthenina                                   | W931  |
| parasita, Alepas               | R26   | parthenopaeus, Phallo-drilus                 | P1444 |
| parasitica, Calliactis         | D741  | Parthenope                                   | S1546 |
| parasitica, Micropharynx       | F10   | Parthenopea                                  | R98   |
| parasitica, Ophinella          | D458  | parthenopeius, Chaetonotus                   | HB143 |
| parasitica, Pterosiphonia      | ZM685 | Parthenopidae                                | S1544 |
| parasiticum, Alcyonidium       | Y81   | Parthenopinae                                | S1545 |
| parasiticum, Staurosoma        | R2040 | PARTHENOPOIDEA                               | S1543 |
| parasiticum, Streblo-nema      | ZR77  | partita, Styela                              | ZD107 |
| parasiticus, Labrorostratus    | P595  | Partulida                                    | W965  |
| parasiticus, Stercorarius      | ZJ297 | parva, Atolla                                | D27   |
| parasitifera, Spirinia         | HD352 | parva, Atrochromadora                        | HD187 |
| Parasmittina                   | Y464  | parva, Barnea                                | W2183 |
| Parasphaerolaimus              | HD559 | parva, Cuspidaria                            | W2285 |
| paraspinicau-da, Halectinosoma | R870  | <i>parva</i> , <i>Eulalia</i>                | P166  |
| paraspinosus, Axonolaimus      | HD595 | parva, Eumida                                | P166  |
| Parastenhelia                  | R1139 | parva, Exilicrusta                           | ZM207 |
| Parastenheliidae               | R1138 | parva, Hemifridericia                        | P1532 |
| Parastenocarididae             | R1556 | parva, Herrmannella                          | R1831 |
| Parastenocaris                 | R1557 | parva, Lacuna                                | W290  |
| Parastephos                    | R512  | parva, Porzana                               | ZJ178 |
| Parasterope                    | R2427 | parva, Processa                              | S1368 |
| Parastichopus                  | ZB238 | <i>parva</i> , <i>Pusillina</i>              | W334  |
| Paratanaidae                   | S1110 | parva, Rissoa                                | W334  |
| PARATANOIDEA                   | S1109 | parva, Sarsameira                            | R1365 |
| paratecta, Neochromadora       | HD239 | parva, Thalassomonhystera                    | HD497 |
| Parategastes                   | R1050 | <i>parva</i> , <i>Turboella</i>              | W334  |
| Parathalestris                 | R1066 | <i>parva var. interrupta</i> , <i>Rissoa</i> | W328  |
| Parathelepus                   | P1248 | Parvicardium                                 | W1947 |
| Parathyasira                   | W1853 | <i>parvimanus</i> , <i>Halimedon</i>         | S140  |
| Paratimea                      | C453  | Parvipalpus                                  | S652  |
| Paraturbanella                 | HB96  | <i>parvithecata</i> , <i>Bacescuella</i>     | P1438 |
| paratypicus, Leptopsyllus      | R1407 | parvithecatus, Aktedrilus                    | P1438 |
| Paraugaptilus                  | R221  | parvula, Aglaopenia                          | D480  |
| Parazoanthidae                 | D653  | parvula, Ameira                              | R1296 |
| Parazoanthus                   | D654  | parvula, Aplysia                             | W1151 |

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| parvula, Audouinella                         | ZM106 | peachii, Tricellaria                | Y281  |
| parvula, Champia                             | ZM447 | <i>Pearlfish</i>                    | ZG174 |
| parvula, Laophonte                           | R1714 | <i>Pearlsides</i>                   | ZG71  |
| parvula, Paroithona                          | R627  | Pecten                              | W1797 |
| parvula, Pseudobradya                        | R911  | pecteni, Herrmannella               | R1832 |
| <i>parvulinum</i> , <i>Palliolium</i>        | W1801 | Pectenogammarus                     | S484  |
| parvulinus, Hyalopecten                      | W1801 | PECTINACEA                          | W1767 |
| <i>parvuloides</i> , <i>Ameira</i>           | R1296 | Pectinaria                          | P1107 |
| parvuloides, Laophonte                       | R1715 | pectinaricola, Loxosoma             | K10   |
| <i>parvulum</i> , <i>Buccinum</i>            | W708  | Pectinariidae                       | P1100 |
| parvulus, Ctenodrilus                        | P852  | pectinata, Audouinella              | ZM107 |
| parvus, Amphiascus                           | R1170 | pectinata, Harpinia                 | S257  |
| parvus, Asterocheres                         | R2076 | <i>pectinata</i> , <i>Harpinia</i>  | S258  |
| parvus, Monopylephorus                       | P1429 | pectinata, Idomene                  | R1123 |
| parvus, Paracalanus                          | R381  | pectinata, Lepas                    | R37   |
| parvus, Scutocyamus                          | S674  | pectinata, Ptychostomella           | HB73  |
| pascens, Rhombognathides                     | Q69   | pectinata, Synchaeta                | HA86  |
| Pasiphaea                                    | S1306 | pectinatus, Ceratonotus             | R1770 |
| Pasiphaeidae                                 | S1305 | pectinatus, Leptocheirus            | S589  |
| PASIPHAEOIDEA                                | S1304 | pectinatus, Metaphoxus              | S262  |
| pastinaca, Dasyatis                          | ZF103 | Pectinidae                          | W1768 |
| Patella                                      | W227  | pectinifera, Neobradya              | R926  |
| PATELLACEA                                   | W220  | Pectinodrilus                       | P1457 |
| Patellidae                                   | W225  | <i>Pectoral Sandpiper</i>           | ZJ240 |
| <i>patelliformis</i> , <i>Monia</i>          | W1814 | pectoralis, Lepeophtheirus          | R2224 |
| patelliformis, Pododesmus                    | W1814 | <i>pectunculoides</i> , <i>Arca</i> | W1669 |
| Patellinae                                   | W226  | Pectunculus                         | W2129 |
| PATELLOGASTROPODA                            | W219  | <i>pedata</i> , <i>Coryphella</i>   | W1424 |
| patens, Gymnogongrus                         | ZM393 | pedata, Flabellina                  | W1424 |
| patera, Halicnemia                           | C604  | <i>pedata</i> , <i>Proto</i>        | S657  |
| patersoni, Anomalocera                       | R321  | pedicellata, Triticella             | Y120  |
| patiencei, Miktoniscus                       | S1064 | pedicellatus, Lyrodus               | W2204 |
| patina, Plagioecia                           | Y41   | pedicellatus, Monosporus            | ZM545 |
| patina, Testudinella                         | HA105 | Pedicellina                         | K45   |
| pattersoni, Iophonopsis                      | C1058 | Pedicellinidae                      | K44   |
| patula, Porella                              | Y388  | Pedinosoma                          | P224  |
| patula, Schizoporella                        | Y430  | Pedobesia                           | ZS238 |
| patula, Simnia                               | W453  | pedunculatus, Cereus                | D717  |
| paucibranchiata, Aonides                     | P723  | pedunculatus, Sporochnus            | ZR327 |
| paucibranchiata, Pseudopolydora cf.          | P773  | Pegea                               | ZD204 |
| paucicostata, Acanthocardia                  | W1944 | Pegusa                              | ZG590 |
| <i>paucicostatum</i> , <i>Sphaerocardium</i> | W1944 | <i>Pegusa</i>                       | ZG590 |
| paucidens, Pneumodermopsis                   | W1216 | Pelagia                             | D38   |
| paucidentata, Diplaconotum                   | P41   | pelagica, Acanthephyra              | S1297 |
| <i>paucidentata</i> , <i>Macellicephala</i>  | P41   | pelagica, Bathyporeia               | S456  |
| pauciseta, Haloschizopera                    | R1193 | pelagica, Collotheca                | HA113 |
| paucisetosus, Araeolaimus                    | HD615 | pelagica, Idotea                    | S942  |
| PAUCITUBULATINA                              | HB122 | pelagica, Jassa                     | S576  |
| paulensis, Clytia                            | D505  | <i>pelagica</i> , <i>Jassa</i>      | S576  |
| paululus, Clausocalanus                      | R416  | pelagica, Limopsis tenella var.     | W1685 |
| <i>paupertas</i> , <i>Anchinoe</i>           | C943  | pelagica, Nereis                    | P476  |
| paupertas, Hymedesmia                        | C943  | <i>pelagica</i> , <i>Podocerus</i>  | S576  |
| <i>paupertas</i> , <i>Hymeniacion</i>        | C943  | pelagica, Scyllaea                  | W1261 |
| pavida, Victorella                           | Y100  | pelagica, Sunampitoe                | S536  |
| pavo, Calocalanus                            | R373  | pelagicus, Hydrobates               | ZJ41  |
| pavo, Nannocythere                           | R2624 | Pelagiidae                          | D37   |
| pavonica, Padina                             | ZR317 | Pelagobia                           | P226  |
| pavonina, Sabella                            | P1320 | Pelagodroma                         | ZJ48  |
| pavoninus, Arietellus                        | R212  | pelamis, Katsuwonus                 | ZG504 |
| Pawsonia                                     | ZB269 | pelamydis, Caligus                  | R2219 |
| PAXILLOSIDA                                  | ZB19  | PELECANIFORMES                      | ZJ50  |
| payeri, Bythocaris                           | S1336 | PELECYPODA                          | W1560 |
| Peachia                                      | D754  | pellicula, Inflatella               | C909  |
| <i>peachii</i> , <i>Biemna</i>               | C876  | pellita, Cruoria                    | ZM315 |
| peachii, Hymedesmia                          | C944  | pellucida, Adyte                    | P32   |
| <i>peachii</i> , <i>Precuthona</i>           | W1438 | pellucida, Allomelita               | S500  |



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| pellucida, Anticomma                     | HD57  | Pennella                                 | R2311 |
| <i>pellucida</i> , <i>Asciidiella</i>    | ZD85  | Pennellidae                              | R2300 |
| pellucida, Calyptconcha                  | W474  | pennigera, Thecacera                     | W1359 |
| pellucida, Cladophora                    | ZS208 | pensilis, Aequorea                       | D358  |
| <i>pellucida</i> , <i>Coryphella</i>     | W1425 | pentacantha, Vogtia                      | D98   |
| pellucida, Crenella                      | W1716 | pentagona, Ophiomyxa                     | ZB118 |
| pellucida, Cystisoma                     | S721  | Pentapora                                | Y417  |
| pellucida, Flabellina                    | W1425 | pentarhiza, Polycarpa                    | ZD114 |
| pellucida, Leptocythere                  | R2600 | penete, Nephtys                          | P505  |
| <i>pellucida</i> , <i>Melita</i>         | S500  | pentodon, Paracyatholaimus               | HD317 |
| <i>pellucida</i> , <i>Nematostella</i>   | D761  | Peplum                                   | W1787 |
| pellucida, Partulida                     | W965  | PERACARIDA                               | S24   |
| <i>pellucida</i> , <i>Patina</i>         | W234  | PERACLACEA                               | W1193 |
| pellucida, Planocera                     | F93   | Peracle                                  | W1195 |
| pellucidum, Helcion                      | W234  | Peracidae                                | W1194 |
| <i>pellucidum</i> , <i>Thyonidium</i>    | ZB283 | <i>perarmata</i> , <i>Magalia</i>        | P321  |
| pellucidus, Aiptasiogeton                | D702  | <i>perarmatus</i> , <i>Anchinoe</i>      | C992  |
| <i>pellucidus</i> , <i>Cultellus</i>     | W2006 | <i>perarmatus</i> , <i>Hymeniacion</i>   | C992  |
| pellucidus, Halaphanolaimus              | HD436 | percarum, Achtheres                      | R2323 |
| pellucidus, Hymenaster                   | ZB69  | <i>Perch</i> , <i>Dusky</i>              | ZG307 |
| pellucidus, Phaxas                       | W2006 | Percichthyidae                           | ZG310 |
| <i>pellucidus</i> , <i>Scalissetosus</i> | P32   | PERCIFORMES                              | ZG302 |
| pellucidus, Uncinotarsus                 | S600  | perciformis, Hyperoglyphe                | ZG532 |
| Pelmatosphaera                           | B35   | percursa, Percursaria                    | ZS173 |
| Pelmatosphaeridae                        | B34   | Percursaria                              | ZS172 |
| Pelonaia                                 | ZD101 | <i>peregre</i> , <i>Siphonorbis</i>      | W735  |
| pelseneeri var. vermiculicola, Rhopalura | B22   | peregrina, Colpomenia                    | ZR184 |
| pelseneeri, Anisarthus                   | S981  | Pereionotus                              | S392  |
| pelseneeri, Rhopalura                    | B21   | peresi, Sarsameira                       | R1366 |
| Pelseneeria                              | W656  | Peresiella                               | P924  |
| peltata, Amenophia                       | R1064 | <i>perezi</i> , <i>Danielssenia</i>      | R1594 |
| peltatum, Tetrastemma                    | G131  | perezi, Lequerrea                        | R749  |
| peltatus, Aspidophryxus                  | S983  | perezi, Loxomespilon                     | K42   |
| Peltidiidae                              | R1034 | <i>perezi</i> , <i>Odostomia</i>         | W959  |
| Peltidium                                | R1042 | <i>perezi</i> , <i>Ondina</i>            | W959  |
| Peltocoxa                                | S172  | <i>perezi</i> , <i>Sentirenia</i>        | R1594 |
| Peltogaster                              | R100  | perezi, Triangulus                       | R116  |
| Peltogastrella                           | R103  | perfectus, Halechiniscus                 | V17   |
| Peltogastridae                           | R92   | perfectus, Onyx                          | HD364 |
| Pelvetia                                 | ZR385 | perforans, Entocladia                    | ZS96  |
| Penaeidae                                | S1282 | perforata, Henricia                      | ZB84  |
| PENAEOIDEA                               | S1278 | perforatum, Lissoclinum                  | ZD65  |
| Penaeus                                  | S1283 | perforatus, Balanus                      | R79   |
| penantis, Caprella                       | S647  | pergens, Clausocalanus                   | R417  |
| Pendromidae                              | W205  | perharidiensis, Kliopsyllus              | R1401 |
| penelope, Anas                           | ZJ101 | Periboea                                 | P314  |
| penelope, Araeolaimus                    | HD616 | Periclimenes                             | S1323 |
| Penetrantia                              | Y127  | perieri, Hyale                           | S225  |
| Penetrantiidae                           | Y126  | Perinereis                               | P479  |
| PENICILLARIA                             | D636  | Periocolodes                             | S130  |
| penicillata, Tubulipora                  | Y32   | Perionotus                               | S391  |
| penicillatus, Euaugaptilus               | R185  | <i>peripatus</i> , <i>Ephesia</i>        | P282  |
| penicilliformis, Urospora                | ZS71  | <i>peripatus</i> , <i>Sphaerodorum</i>   | P282  |
| penicillus, Ciocalypta                   | C626  | Periphylla                               | D34   |
| <i>penicillus</i> , <i>Sabella</i>       | P1320 | periphylla, Periphylla                   | D35   |
| pennaki, Batillipes                      | V10   | Periphyllidae                            | D33   |
| pennanti, Gibbula                        | W164  | Periplomatidae                           | W2236 |
| pennata, Bryopsis                        | ZS231 | Perissocope                              | R965  |
| pennata, Eunice                          | P558  | Peristedion                              | ZG266 |
| pennata, Pterosiphonia                   | ZM686 | <i>perkinsi</i> , <i>Microarthridion</i> | R947  |
| pennatifidum, Echinocardium              | ZB225 | Perkinsiana                              | P1306 |
| Pennatula                                | D622  | <i>perlatus</i> , <i>Pilumnoides</i>     | S1613 |
| <i>pennatula</i> , <i>Aglaophenia</i>    | D485  | <i>perleve</i> , <i>Hymeniacion</i>      | C361  |
| pennatula, Asbestopluma                  | C862  | <i>perleve</i> , <i>Hymeniacion</i>      | C405  |
| PENNATULACEA                             | D612  | perleve, Hymeniacion                     | C667  |
| Pennatulidae                             | D621  | permutandum, Encentrum                   | HA60  |

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| <i>pernula</i> , <i>Eulima</i>            | W660  | Phaenna                                     | R555  |
| <i>pernula</i> , <i>Nuculana</i>          | W1591 | Phaennidae                                  | R537  |
| <i>peroni</i> , <i>Spirula</i>            | W2302 | Phaeophila                                  | ZS75  |
| <i>peronii</i> , <i>Cymbulia</i>          | W1203 | Phaeophilaceae                              | ZS74  |
| <i>Perophora</i>                          | ZD76  | PHAEOPHILALES                               | ZS73  |
| Perophoridae                              | ZD75  | PHAEOPHYCEAE                                | ZR2   |
| <i>perplexa</i> , <i>Canuella</i>         | R798  | <i>phaeopus</i> , <i>Numenius</i>           | ZJ270 |
| <i>perplexa</i> , <i>Iphimedia</i>        | S383  | Phaeostachys                                | Y442  |
| <i>perplexa</i> , <i>Minervella</i>       | R1514 | Phaeostroma                                 | ZR57  |
| <i>perplexa</i> , <i>Paralaophonte</i>    | R1730 | Phaeostromatella                            | ZR125 |
| <i>perplexa</i> , <i>Platycopia</i>       | R146  | Phagocata                                   | F31   |
| <i>perplexa</i> , <i>Pseudameira</i>      | R1350 | Phakellia                                   | C570  |
| <i>perplexum</i> , <i>Acrenhydrosoma</i>  | R1562 | Phalacrocoracidae                           | ZJ54  |
| <i>perplexus</i> , <i>Psammastacus</i>    | R1514 | Phalacrocorax                               | ZJ55  |
| <i>perpusilla</i> , <i>Henlea</i>         | P1535 | <i>phalangea</i> , <i>Tubulipora</i>        | Y33   |
| <i>Perrierella</i>                        | S325  | <i>phalangium</i> , <i>Inachus</i>          | S1528 |
| <i>perrieri</i> , <i>Devonia</i>          | W1898 | <i>Phalarope</i> , <i>Grey</i>              | ZJ272 |
| <i>perrieri</i> , <i>Fridericia</i>       | P1521 | <i>Phalarope</i> , <i>Red-necked</i>        | ZJ273 |
| <i>perrieri</i> , <i>Procerastea</i>      | P456  | <i>Phalarope</i> , <i>Wilson's</i>          | ZJ274 |
| <i>persecans</i> , <i>Scottocalanus</i>   | R611  | Phalaropus                                  | ZJ271 |
| <i>personata</i> , <i>Dromia</i>          | S1490 | <i>phallangium</i> , <i>Eurycope</i>        | S927  |
| <i>personata</i> , <i>Nicomache</i>       | P981  | Phalodrilinae                               | P1431 |
| <i>perspicillata</i> , <i>Melanitta</i>   | ZJ141 | Phalodrilus                                 | P1443 |
| <i>perspicua</i> , <i>Lamellaria</i>      | W470  | Phallusia                                   | ZD93  |
| <i>perspinosa</i> , <i>Myxilla</i>        | C1087 | Phalusiella                                 | R2189 |
| <i>pertenuis</i> , <i>Theristus</i>       | HD532 | Phanoderma                                  | HD49  |
| <i>pertusa</i> , <i>Henricia</i>          | ZB85  | Phanodermatidae                             | HD46  |
| <i>pertusa</i> , <i>Hippoporina</i>       | Y414  | <i>phantapus</i> , <i>Psolus</i>            | ZB252 |
| <i>pertusa</i> , <i>Lophelia</i>          | D787  | <i>phantapus</i> , <i>Psolus</i>            | ZB252 |
| <i>perversa</i> , <i>Triphora</i>         | W534  | <i>phantoma</i> , <i>Callipallene</i>       | Q35   |
| <i>perversus</i> , <i>Trochus</i>         | W534  | Pharidae                                    | W1995 |
| <i>pespelecani</i> , <i>Aporrhais</i>     | W430  | Pharus                                      | W2003 |
| <i>pestae</i> , <i>Ameira brevipes</i>    | R1288 | Phascalion                                  | N30   |
| <i>pestae</i> , <i>Ameira brevipes</i>    | R1288 | Phascalionidae                              | N29   |
| <i>pestai</i> , <i>Rhyncholagena</i>      | R1230 | <i>phascolionis</i> , <i>Montacuta</i>      | W1903 |
| <i>Petalonia</i>                          | ZR186 | <i>phascolionis</i> , <i>Phascoliophila</i> | W1903 |
| <i>Petaloproctus</i>                      | P985  | Phascoliophila                              | W1903 |
| <i>Petalosarsia</i>                       | S1232 | Phascolosoma                                | N41   |
| <i>petasus</i> , <i>Antedon</i>           | ZB11  | <i>phascolosomata</i> , <i>Loxosomella</i>  | K35   |
| <i>peterseni</i> , <i>Cyclostrema</i>     | W1    | Phascolosomatidae                           | N40   |
| <i>petiolatus</i> , <i>Anoplodactylus</i> | Q44   | PHASCOLOSOMATIDEA                           | N38   |
| <i>petiti</i> , <i>Munna</i>              | S908  | PHASCOLOSOMATIFORMES                        | N39   |
| <i>petiti</i> , <i>Thalassarachna</i>     | Q119  | Phaseolidae                                 | W1650 |
| <i>petitiana</i> , <i>Balcis</i>          | W668  | <i>phaseolina</i> , <i>Modiolula</i>        | W1708 |
| <i>petitiana</i> , <i>Eulima</i>          | W668  | <i>phaseolina</i> , <i>Thracia</i>          | W2231 |
| <i>Petrel</i> , <i>Bulwer's</i>           | ZJ26  | <i>phaseolinus</i> , <i>Modiolus</i>        | W1708 |
| <i>Petrel</i> , <i>Capped</i>             | ZJ32  | <i>Phaseolus</i>                            | W1630 |
| <i>Petrel</i> , <i>Frigate</i>            | ZJ49  | Phaseolus                                   | W1651 |
| <i>Petrel</i> , <i>Leach's</i>            | ZJ46  | <i>phasma</i> , <i>Mormonilla</i>           | R784  |
| <i>Petrel</i> , <i>Madeiran</i>           | ZJ45  | <i>phasma</i> , <i>Protella</i>             | S659  |
| <i>Petricola</i>                          | W2135 | <i>phasma</i> , <i>Pseudoprotella</i>       | S659  |
| <i>Petricolaria</i>                       | W2136 | Phaxas                                      | W2005 |
| <i>Petricolidae</i>                       | W2134 | Phellia                                     | D723  |
| <i>Petroderma</i>                         | ZR98  | <i>Pherusa</i>                              | P882  |
| <i>Petromyzon</i>                         | ZE12  | <i>Pherusina</i>                            | W594  |
| <i>Petromyzontidae</i>                    | ZE9   | Phialella                                   | D342  |
| PETROMYZONTIFORMES                        | ZE8   | Phialellidae                                | D339  |
| <i>Petrospongium</i>                      | ZR257 | Phialopsis                                  | D374  |
| <i>Petta</i>                              | P1110 | Phidoloporidae                              | Y521  |
| <i>petunculoides</i> , <i>Bathyarca</i>   | W1669 | <i>philadelphia</i> , <i>Larus</i>          | ZJ315 |
| <i>Peyssonnelia</i>                       | ZM383 | <i>philbinae</i> , <i>Aricidea</i> cf.      | P687  |
| <i>Peyssonneliaceae</i>                   | ZM382 | Philichthyidae                              | R2041 |
| <i>pfefferi</i> , <i>Helicocranchia</i>   | W2388 | <i>Philichthys</i>                          | R2044 |
| <i>pfefferi</i> , <i>Sepioloa</i>         | W2327 | PHILINACEA                                  | W1015 |
| <i>pfefferi</i> , <i>Taonidium</i>        | W2386 | <i>Philine</i>                              | W1036 |
| <i>phaedra</i> , <i>Proameira</i>         | R1340 | <i>philine</i> , <i>Rhopalura</i>           | B23   |

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| Philinoglossa                             | W1109 | Phronimidae                 | S745  |
| PHILINOGLOSSACEA                          | W1107 | PHRONIMOIDEA                | S727  |
| Philinoglossidae                          | W1108 | Phrosina                    | S754  |
| Philinorbis                               | W1049 | Phrosinidae                 | S751  |
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| <i>philippi, Eulima</i>                   | W669  | phrygium, Candelabrum       | D205  |
| <i>philippi, Sphaerodoridium</i>          | P289  | Phrynorbombus               | ZG550 |
| <i>philippi, Sphaerodoropsis</i>          | P289  | Phryxidae                   | S979  |
| <i>philippi var. gracilis, Eulima</i>     | W659  | Phtheirichthys              | ZG323 |
| <i>philippi var. monterosatoi, Eulima</i> | W601  | Phtisica                    | S656  |
| <i>philippi, Vitreolina</i>               | W669  | Phtisicidae                 | S655  |
| <i>philippiana, Portlandia</i>            | W1627 | PHTISICOIDEA                | S654  |
| <i>philippiana, Yoldiella</i>             | W1627 | Phycis                      | ZG132 |
| <i>philippinarum, Tapes</i>               | W2116 | phycobates, Heterolaophonte | R1691 |
| <i>philippinarum, Venerupis</i>           | W2116 | Phycodrys                   | ZM615 |
| <i>phillipsii, Epicladia</i>              | ZS93  | Phylactella                 | Y420  |
| <i>phillipsii, Epicladia</i>              | ZS93  | Phylactellipora             | Y375  |
| Philoceras                                | S1386 | phylactica, Asterina        | ZB60  |
| <i>Philoceras</i>                         | S1391 | Phyllariaceae               | ZR355 |
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| Philomedidae                              | R2417 | Phyllodocolidae             | R2176 |
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| <i>phippi, Spirontocaris</i>              | S1357 | Phyllodocinae               | P138  |
| Phisidia                                  | P1214 | PHYLLODOCOIDEA              | P113  |
| PHLEBOBRANCHIATA                          | ZD67  | phylloides, Rhodymenia      | ZM467 |
| Phiantidae                                | S390  | phylloonyx, Arrhis          | S120  |
| Phloeodictyidae                           | C1484 | Phyllophora                 | ZM406 |
| Phoca                                     | ZK10  | Phyllophoraceae             | ZM391 |
| Phocidae                                  | ZK9   | Phyllophoridae              | ZB258 |
| Phocoena                                  | ZK41  | Phyllopidae                 | R225  |
| <i>phocoena, Phocoena</i>                 | ZK42  | Phyllopodopsyllus           | R1440 |
| Phocoenidae                               | ZK40  | Phyllopus                   | R226  |
| <i>phocoides, Desmodasys</i>              | HB93  | phyllopus, Amonardia        | R1147 |
| PHOLADACEA                                | W2173 | phyllosetosa, Psammotopa    | R1214 |
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| Pholadidea                                | W2190 | Phyllothyreus               | R2248 |
| <i>pholadiformis, Petricola</i>           | W2137 | phyllura, Parastenocaris    | R1558 |
| Pholadinae                                | W2175 | Phylo                       | P667  |
| <i>pholadis, Leptinogaster</i>            | R1929 | <i>Phymatolithon</i>        | ZM221 |
| PHOLADOMYOIDA                             | W2220 | Phymatolithon               | ZM257 |
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| PHOLIDOSKEPIA                             | W13   | physalis, Physalia          | D63   |
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| Phoronidae                                | ZA2   | Physophora                  | D74   |
| Phoronis                                  | ZA3   | Physophoridae               | D73   |
| <i>phosphorea, Pennatula</i>              | D623  | PHYSOSOMATA                 | S676  |
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| Phoxichilidiidae                          | Q41   | piceus, Iophon              | C1053 |
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| PHOXOCEPHALOIDEA                          | S244  | picta, Mysta                | P127  |
| Phoxocephalus                             | S265  | <i>picta, Phellia</i>       | D721  |
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| <i>phreaticus, Batillipes</i>             | V11   | picteti, Ritteriella        | ZD207 |

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| <i>Pied-billed Grebe</i>                                     | ZJ17  | <i>Pintail</i>                          | ZJ95  |
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| <i>Pilargis</i>  | P343  | <i>Pipefish</i> , <i>Deep-snouted</i>   | ZG247 |
| <i>pilata</i> , <i>Hymedesmia</i>                            | C945  | <i>Pipefish</i> , <i>Greater</i>        | ZG245 |
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| <i>Pilchard</i>  | ZG36  | <i>Pipefish</i> , <i>Snake</i>          | ZG237 |
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| <i>pileata</i> , <i>Neoturris</i>                            | D242  | <i>Pipefish</i> , <i>Worm</i>           | ZG242 |
| <i>pileatus</i> , <i>Gaetanus</i>                            | R469  | <i>Piper</i>                            | ZG270 |
| <i>Pileolaria</i>  | P1385 | <i>pipixcan</i> , <i>Larus</i>          | ZJ316 |
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| <i>pilifera</i> , <i>Enteromorpha</i>                        | ZS154 | <i>piriforma</i> , <i>Sarsia</i>        | D186  |
| <i>piliferum</i> , <i>Bolbocoleon</i>                        | ZS83  | <i>piriformis</i> , <i>Eulima</i>       | W664  |
| <i>Pilinia</i>   | ZS102 | <i>piriformis</i> , <i>Pleurocrypta</i> | S1014 |
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| <i>pilosa</i> , <i>Acanthodoris</i>                          | W1333 | <i>pirioti</i> , <i>Echinogammarus</i>  | S467  |
| <i>pilosa</i> , <i>Bathyporeia</i>                           | S457  | <i>Pirodrilus</i>                       | P1459 |
| <i>pilosa</i> , <i>Electra</i>                               | Y178  | <i>Pirulina</i>                         | ZS104 |
| <i>pilosella</i> , <i>Cosmetira</i>                          | D317  | <i>Pisa</i>                             | S1538 |
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| <i>pilosimanus</i> , <i>Parapagurus pilosimanus</i>          | S1467 | <i>Piscicola</i>                        | P1607 |
| <i>pilosus</i> , <i>Enteropsis</i>                           | R753  | <i>Piscicolidae</i>                     | P1581 |
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| <i>pilosus</i> , <i>Rhizodrilus</i>                          | P1430 | <i>Pisidia</i>                          | S1481 |
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| <i>Pilot Whale</i> , <i>Long-finned</i>                      | ZK39  | <i>Pisione</i>                          | P14   |
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| <i>Pilumnus</i>  | S1614 | <i>pistillata</i> , <i>Gigartina</i>    | ZM347 |
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| <i>pinaster</i> , <i>Sertularia</i>                          | D414  | <i>pistillus</i> , <i>Odostomia</i>     | W950  |
| <i>pinastrum</i> , <i>Diphasia</i>                           | D414  | <i>pisum</i> , <i>Pinnotheres</i>       | S1638 |
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| <i>Pin-head Squirt</i>                                       | ZD9   | <i>placenta</i> , <i>Anseropoda</i>     | ZB62  |
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| <i>Pinna</i>   | W1733 | <i>placoides</i> , <i>Mycale</i>        | C730  |
| <i>pinna</i> , <i>Pandora</i>                                | W2252 | <i>Placostegus</i>                      | P1337 |
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| <i>pinnata</i> , <i>Cyclosalpa</i>                           | ZD192 | <i>Plagiospora</i>                      | ZM353 |
| <i>pinnata</i> , <i>Diphasia</i>                             | D418  | <i>Plaice</i>                           | ZG578 |
| <i>pinnata</i> , <i>Fiona</i>                                | W1458 | <i>Plain Bonito</i>                     | ZG506 |
| <i>pinnata</i> , <i>Gorgonia</i>                             | D608  | <i>Plakina</i>                          | C166  |
| <i>pinnata</i> , <i>Kirchenpaueria</i>                       | D455  | <i>Plakinidae</i>                       | C155  |
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| <i>planci</i> , <i>Ocnus</i>                                  | ZB276 | Pleurobranchidae                          | W1155 |
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| <i>planctonis zetesios</i> , <i>Sagitta</i>                   | L24   | Pleurocrypta                              | S1010 |
| <i>planctonis</i> , <i>Sagitta planctonis</i>                 | L23   | Pleurodasys                               | HB34  |
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| Planodasyidae   | HB45  | Pleustidae                                | S143  |
| Planodasys  | HB49  | Pleusymtes                                | S147  |
| <i>planorbis</i> var. <i>trochiformis</i> , <i>Skeneopsis</i> | W313  | Plexauridae                               | D609  |
| <i>planorbis</i> , <i>Skeneopsis</i>                          | W312  | <i>plicata</i> , <i>Ahnfeltia</i>         | ZM186 |
| <i>plantaginea</i> , <i>Punctaria</i>                         | ZR180 | <i>plicata</i> , <i>Obelia</i>            | D519  |
| <i>planum</i> , <i>Copidozoum</i>                             | Y217  | <i>plicata</i> , <i>Odostomia</i>         | W913  |
| <i>planum</i> , <i>Haplopoma</i>                              | Y490  | <i>plicata</i> , <i>Rosacea</i>           | D87   |
| Platalea  | ZJ84  | <i>plicata</i> , <i>Saxicavella</i>       | W2172 |
| <i>platensis</i> , <i>Platorchestia</i>                       | S237  | <i>plicatilis</i> , <i>Brachionis</i>     | HA11  |
| <i>platessa</i> , <i>Pleuronectes</i>                         | P1608 | <i>plicatilis</i> , <i>Velutina</i>       | W478  |
| <i>platessa</i> , <i>Pleuronectes</i>                         | ZG578 | Pliophryxus                               | S993  |
| <i>platessoides</i> , <i>Hippoglossoides</i>                  | ZG568 | Plocamiaceae                              | ZM441 |
| <i>Platichthys</i>  | ZG575 | PLOCAMIALES                               | ZM440 |
| Platidia  | X42   | Plocamiancora                             | C993  |
| Platidiidae   | X41   | Plocamilla                                | C1225 |
| Platorchestia   | S237  | Plocamionida                              | C1090 |
| <i>platti</i> , <i>Paracanthochus</i>                         | HD307 | Plocamium                                 | ZM442 |
| <i>platti</i> , <i>Pterygonema</i>                            | HD475 | PLOIMA                                    | HA3   |
| <i>platyacme</i> , <i>Eulima</i>                              | W640  | <i>Plover</i> , <i>American Golden</i>    | ZJ217 |
| Platybdella   | P1609 | <i>Plover</i> , <i>Caspian</i>            | ZJ205 |
| <i>platycephala</i> , <i>Laurencia</i>                        | ZM654 | <i>Plover</i> , <i>European Golden</i>    | ZJ216 |
| <i>platycheles</i> , <i>Porcellana</i>                        | S1484 | <i>Plover</i> , <i>Golden</i>             | ZJ216 |
| <i>Platychelipus</i>  | R1738 | <i>Plover</i> , <i>Grey</i>               | ZJ219 |
| <i>platyclada</i> , <i>Cystoseira</i>                         | ZR369 | <i>Plover</i> , <i>Kentish</i>            | ZJ204 |
| Platycoma   | HD74  | <i>Plover</i> , <i>Little</i>             | ZJ206 |
| Platycopia  | R145  | <i>Plover</i> , <i>Little Ringed</i>      | ZJ206 |
| PLATYCOPIIDA  | R2453 | <i>Plover</i> , <i>Pacific Golden</i>     | ZJ218 |
| Platycopiidae   | R144  | <i>Plover</i> , <i>Ringed</i>             | ZJ207 |
| PLATYCOPIOIDA   | R143  | <i>Plover</i> , <i>Semipalmated</i>       | ZJ210 |
| Platycyamus   | S671  | <i>Plover</i> , <i>Sociable</i>           | ZJ213 |
| Platydasys  | HB62  | <i>Plover</i> , <i>White-tailed</i>       | ZJ214 |
| PLATYHELMINTHES   | F1    | <i>pluma</i> , <i>Aglaophenia</i>         | D481  |
| <i>Platylepas</i>   | R53   | <i>pluma</i> , <i>Ptilothamnion</i>       | ZM558 |
| <i>platymera</i> , <i>Notodelphys</i>                         | R711  | Plumaria                                  | ZM550 |
| <i>Platynereis</i>  | P482  | <i>plumata</i> , <i>Pontellina</i>        | R332  |
| <i>platyrhynchos</i> , <i>Anas</i>                            | ZJ102 | <i>plumifer</i> , <i>Arietellus</i>       | R213  |
| Platyscelidae   | S777  | <i>plumifera</i> , <i>Oithona</i>         | R623  |
| PLATYSCELOIDEA  | S762  | <i>plumigera</i> , <i>Sphacelaria</i>     | ZR295 |
| Platyscelus   | S778  | <i>plumiseta</i> , <i>Parathalestris</i>  | R1073 |
| Platysquilla  | S21   | <i>plumosa</i> , <i>Bryopsis</i>          | ZS232 |
| <i>platyurus</i> , <i>Lepidodasys</i>                         | HB25  | <i>plumosa</i> , <i>Bugula</i>            | Y246  |
| <i>plebeia</i> , <i>Procerodes</i>                            | F8    | <i>plumosa</i> , <i>Heterosiphonia</i>    | ZM581 |
| <i>plebeia</i> , <i>Tritonia</i>                              | W1254 | <i>plumosa</i> , <i>Lysianassa</i>        | S305  |
| <i>plebeius</i> , <i>Pteropsyllus</i>                         | R1447 | <i>plumosa</i> , <i>Microciona</i>        | C1006 |
| Plegadis  | ZJ86  | <i>plumosa</i> , <i>Pherusa</i>           | P885  |
| Plehnidae   | F72   | <i>plumosa</i> , <i>Plumaria</i>          | ZM551 |
| PLEOCYEMATA   | S1292 | <i>plumosa</i> , <i>Plumohalichondria</i> | C1006 |
| <i>Pleonosporium</i>  | ZM546 | <i>plumosa</i> , <i>Prionospio</i>        | P767  |
| <i>Plesiothoa</i>   | Y334  | <i>plumosa</i> , <i>Pronax</i>            | C1006 |
| <i>pleuracanthus</i> , <i>Halichaetonotus</i>                 | HB156 | <i>plumosa</i> , <i>Ptilota</i>           | ZM556 |
| Pleurobrachia   | E5    | <i>plumosa</i> , <i>Sphacelaria</i>       | ZR296 |
| Pleurobrachiidae  | E4    | <i>plumosa</i> , <i>Stylarioides</i>      | P885  |

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| plumosa, Tubulipora                      | Y34   | <i>polianus</i> , <i>Polinices</i>        | W491  |
| plumosa, Undeuchaeta                     | R487  | Polinices                                 | W488  |
| <i>Plumose anemone</i>                   | D710  | Polinicinae                               | W487  |
| plumosum, Halecium                       | D397  | Poliometra                                | ZB12  |
| <i>plumosum</i> , <i>Halecium</i>        | D398  | Poliopsis                                 | G76   |
| plumosum, Stylostichon                   | C1006 | <i>polita</i> , <i>Clio</i>               | W1185 |
| plumosus, Haloptilus                     | R197  | <i>polita</i> , <i>Eulima</i>             | W634  |
| plumosus, Polycirrus                     | P1244 | <i>polita</i> , <i>Eulima</i>             | W660  |
| plumula, Berthella                       | W1159 | polita, Hemicyclopora                     | Y374  |
| <i>plumula</i> , <i>Cuthona</i>          | W1433 | polita, Loxosomella                       | K36   |
| plumula, Pterothamnion                   | ZM554 | polita, Paracypris                        | R2698 |
| plumula, Sphacelaria                     | ZR297 | polita, Polygireulima                     | W660  |
| Plumularia                               | D451  | Pollachius                                | ZG134 |
| PLUMULARIIDA                             | D405  | pollachius, Lepeophtheirus                | R2225 |
| Plumulariidae                            | D447  | pollachius, Pollachius                    | ZG135 |
| Plumulariinae                            | D459  | <i>Pollack</i>                            | ZG135 |
| PLUMULARIOIDEA                           | D446  | pollex, Photis                            | S553  |
| Plumulella                               | W2213 | pollicipes, Mitella                       | R19   |
| plumulosus, Ischnocalanus                | R377  | polyacanthum, Tetranchyroderma            | HB83  |
| plurivalidum, Pneophyllum                | ZM267 | Polyarthra                                | HA71  |
| <i>plurivalidum</i> , <i>Pneophyllum</i> | ZM267 | POLYARTHRA                                | R786  |
| Plutonaster                              | ZB31  | Polybiinae                                | S1573 |
| Pluvialis                                | ZJ215 | Polybius                                  | S1590 |
| Pneophyllum                              | ZM261 | polyblasta, Audouinella                   | ZM108 |
| Pneumoderma                              | W1207 | Polybrachiidae                            | M17   |
| Pneumodermatidae                         | W1206 | <i>polybranchia</i> , <i>Boccardia</i>    | P727  |
| Pneumodermopsis                          | W1212 | polybranchia, Boccardia cf.               | P727  |
| <i>Pochard</i>                           | ZJ116 | Polycarpa                                 | ZD110 |
| <i>Pochard</i> , <i>Common</i>           | ZJ116 | Polycelis                                 | F27   |
| <i>Pochard</i> , <i>Red-crested</i>      | ZJ148 | Polycera                                  | W1348 |
| Pochella                                 | D526  | POLYCERACEA                               | W1337 |
| pocillum, Axinella                       | C550  | Polyceridae                               | W1347 |
| <i>pocillum</i> , <i>Lafoea</i>          | D386  | POLYCHAETA                                | P2    |
| Podarke                                  | P316  | polychaeta, Parapseudoleptomesochra       | R1331 |
| Podarkeopsis                             | P319  | Polycheles                                | S1425 |
| Podiceps                                 | ZJ11  | Polychelidae                              | S1424 |
| podiceps, Podilymbus                     | ZJ17  | polychroa, Dugesia                        | F22   |
| Podicipedidae                            | ZJ10  | polycirri, Pelmatosphaera                 | B36   |
| PODICIPEDIFORMES                         | ZJ9   | Polycirrinae                              | P1227 |
| Podilymbus                               | ZJ16  | Polycirrus                                | P1235 |
| Podoceridae                              | S623  | Polycitor                                 | ZD18  |
| Podocerus                                | S632  | POLYCLADIDA                               | F61   |
| PODOCOPIDA                               | R2458 | polycladum, Myrionema                     | ZR115 |
| Podocoryne                               | D275  | <i>polycladum</i> , <i>Myrionema</i>      | ZR115 |
| Pododesmus                               | W1812 | Polyclinidae                              | ZD20  |
| Podon                                    | R9    | Polyclinum                                | ZD21  |
| Podonidae                                | R4    | Polycope                                  | R2437 |
| Poecillastra                             | C251  | Polycopidae                               | R2436 |
| Poecilochaetidae                         | P716  | Polycopsis                                | R2440 |
| Poecilochaetus                           | P717  | polycotylum, Schizobranchium              | W1220 |
| POECILOSCLERIDA                          | C701  | polydesma, Tricoma                        | HD489 |
| poecilosoma, Neochromadora               | HD240 | polydiademata, Mitrocomella               | D324  |
| poecilosomoides, Neochromadora           | HD241 | Polydora                                  | P748  |
| POECILOSTOMATOIDA                        | R1787 | Polygireulima                             | W658  |
| POEOBIIDA                                | P896  | POLYGORDIIDA                              | P1060 |
| Poeobiidae                               | P897  | Polygordiidae                             | P1061 |
| <i>Pogge</i>                             | ZG291 | Polygordius                               | P1062 |
| POGONOPHORA                              | M1    | Polyideaceae                              | ZM415 |
| pogonostoma, Valvognathia                | IA26  | Polyides                                  | ZM416 |
| Pogotrichaceae                           | ZR155 | Polymastia                                | C354  |
| Pogotrichum                              | ZR158 | <i>Polymastia</i>                         | C354  |
| poizati, Anomalohalacarus                | Q88   | polymastia, Crella                        | C773  |
| <i>Polar Sculpin</i>                     | ZG288 | Polymastiidae                             | C350  |
| polaris, Lebbeus                         | S1352 | polymorpha, Conocyema                     | B13   |
| <i>poliana</i> , <i>Euspira</i>          | W491  | <i>polymorphum</i> , <i>Phymatolithon</i> | ZM255 |
| <i>poliana</i> , <i>Lunatia</i>          | W491  | <i>polymorphum</i> , <i>Phymatolithon</i> | ZM259 |

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| polymorphus, Tubulanus           | G34   | Pontocaris                            | S1382 |
| polynema, Pochella               | D527  | Pontocrates                           | S132  |
| Polyneura                        | ZM617 | Pontocyprididae                       | R2699 |
| Polynoe                          | P83   | Pontocypris                           | R2703 |
| polynoes, Herpyllobius           | R2188 | Pontocythere                          | R2500 |
| Polynoidae                       | P25   | Pontodoridae                          | P229  |
| polyodonta, Odontosyllis         | P389  | Pontonema                             | HD124 |
| Polyodontes                      | P88   | Pontoniinae                           | S1322 |
| polyonyx, Macrochaeta            | P893  | Pontophilus                           | S1391 |
| polyophthalma, Armandia          | P1011 | Pontopolites                          | R1617 |
| Polyophthalmus                   | P1018 | Pontoporeiidae                        | S450  |
| polyphemoides, Podon             | R12   | PONTOPOREIOIDEA                       | S449  |
| Polyphysia                       | P1023 | Pontoptilus                           | R207  |
| polypi, Cholidya                 | R1007 | <i>Poor Cod</i>                       | ZG144 |
| POLYPLACOPHORA                   | W46   | poppei, Chiridius                     | R448  |
| Polyplumaria                     | D470  | Porania                               | ZB53  |
| <i>polypoides, Axinella</i>      | C540  | Poraniidae                            | ZB52  |
| <i>polypoides, Tragosia</i>      | C540  | Poraniomorpha                         | ZB55  |
| Polyposthia                      | F68   | <i>Porbeagle</i>                      | ZF16  |
| Polyposthiidae                   | F67   | porca, Tryphoema                      | R1631 |
| Polyprion                        | ZG314 | Porcellana                            | S1483 |
| polyrhiza, Gomontia              | ZS45  | porcellanae, Pleurocrypta             | S1015 |
| polyrhiza, Rosenvingiella        | ZS32  | porcellanea, Leptocythere             | R2601 |
| polyschides, Saccorhiza          | ZR359 | Porcellanidae                         | S1480 |
| Polysigma                        | HD369 | Porcellidiidae                        | R1026 |
| Polysiphonia                     | ZM655 | Porcellidium                          | R1027 |
| polysiphoniae, Choreocolax       | ZM309 | Porcellio                             | S1092 |
| polysiphoniae, Mikrosyphar       | ZR54  | Porcellionidae                        | S1091 |
| polyspora, Polysiphonia          | ZM675 | porcicauda, Doropygella               | R695  |
| Polysticta                       | ZJ149 | porcus, Scorpaena                     | ZG253 |
| POLYSTILIFERA                    | G135  | Porella                               | Y382  |
| Polysyncraton                    | ZD55  | Porellidae                            | Y381  |
| polyura, Tetilla                 | C314  | PORIFERA                              | C1    |
| <i>polyura, Timea</i>            | C314  | porifera, Rissoa lilacina             | W331  |
| polyzonias, Sertularella         | D430  | porifera, Rissoa lilacina             | W331  |
| pomaria, Polycarpa               | ZD115 | porlockense, Paradoxostoma            | R2655 |
| <i>Pomarine skua</i>             | ZJ298 | Porohalacarinae                       | Q135  |
| pomarinus, Stercorarius          | ZJ298 | Poromya                               | W2255 |
| Pomatoceros                      | P1339 | POROMYACEA                            | W2253 |
| Pomatomidae                      | ZG319 | Poromyidae                            | W2254 |
| Pomatomus                        | ZG320 | Porphyra                              | ZM53  |
| Pomatoschistus                   | ZG476 | porphyrae, Mikrosyphar                | ZR55  |
| <i>Pomfret, Rough</i>            | ZG345 | Porphyridiaceae                       | ZM19  |
| <i>Pomfret, Silver</i>           | ZG343 | PORPHYRIDIALES                        | ZM4   |
| <i>Pomfret, Silver</i>           | ZG544 | Porphyridium                          | ZM20  |
| Pompholyx                        | HA101 | Porphyropsis                          | ZM41  |
| Pomponema                        | HD285 | Porphyrostromium                      | ZM44  |
| <i>Pomponema</i>                 | HD294 | Porphyryla                            | ZJ173 |
| <i>ponderosa, Ecionemia</i>      | C216  | <i>Porpoise, Common</i>               | ZK42  |
| ponderosus, Stryphnus            | C216  | <i>porrecta, Dulichia</i>             | S629  |
| <i>ponsonbyi, Cyclostrema</i>    | W2    | porrectus, Dyopedos                   | S629  |
| Pontaster                        | ZB42  | Portlandia                            | W1633 |
| Pontella                         | R327  | <i>Portuguese Dogfish</i>             | ZF52  |
| Pontellidae                      | R319  | Portumnus                             | S1595 |
| Pontellina                       | R331  | Portunidae                            | S1569 |
| Pontellopsis                     | R333  | Portuninae                            | S1570 |
| pontica, Desmodora               | HD343 | Portunion                             | S1042 |
| pontica, Hyale                   | S226  | PORTUNOIDEA                           | S1568 |
| pontica, Mesochra                | R1480 | <i>Portunus</i>                       | S1577 |
| <i>pontica, Pseudochromadora</i> | HD341 | Porzana                               | ZJ176 |
| pontica, Schizothrix             | R1524 | porzana, Porzana                      | ZJ179 |
| pontica, Stenocaris              | R1541 | poseidoni, Siboglinum                 | M15   |
| ponticus, Diarthrodes            | R1108 | poseidonis, Urothoe                   | S250  |
| ponticus, Ptycholaimellus        | HD237 | postclitellochaeta, Grania            | P1527 |
| <i>ponticus, Rhizodrilus</i>     | P1430 | <i>postclitellochaeta, Hemigrania</i> | P1527 |
| Pontobdella                      | P1611 | <i>postclitellochaeta, Marionina</i>  | P1527 |

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| <i>postclitellochaeta</i> , <i>Michaelsena</i>   | P1527 | princeps, <i>Megacalanus</i>                                 | R355  |
| posthamata, <i>Polydora</i>                      | P759  | princeps, <i>Metridia</i>                                    | R275  |
| postspermathecatas, <i>Mexidrilus</i>            | P1454 | principis, <i>Bougainvillia</i>                              | D255  |
| <i>postspermathecatas</i> , <i>Phallogdrilus</i> | P1454 | <i>Pringsheimella</i>  | ZS121 |
| Potamethus                                       | P1308 | Pringsheimiella  | ZS106 |
| Potamilla  | P1310 | <i>prinzi</i> , <i>Cyatholaimus</i>                          | HD297 |
| <i>Potamis</i>                                   | P1308 | priodonta, <i>Asplanchna</i>                                 | HA69  |
| Potamopyrgus                                     | W392  | Prionace   | ZF40  |
| <i>potua</i> , <i>Thia</i>                       | S1559 | <i>Prionospio</i>  | P745  |
| poucheti, <i>Zygomolgus</i>                      | R1860 | Prionospio   | P763  |
| <i>Pout</i> , Norway                             | ZG142 | prismatica, <i>Abra</i>                                      | W2062 |
| <i>Pout</i> , Silvery                            | ZG114 | prismatica, <i>Proceraea</i>                                 | P454  |
| poutassou, <i>Micromesistius</i>                 | ZG125 | prismatica, <i>Zenobiana</i>                                 | S947  |
| <i>powisiana</i> , <i>Bela</i>                   | W802  | pristina, <i>Stenocaropsis</i>                               | R1544 |
| <i>powisiana</i> , <i>Mangelia</i>               | W802  | Proales  | HA33  |
| <i>Praecanthochus</i>                            | HD310 | Proameira  | R1335 |
| praecox, <i>Puellina</i>                         | Y323  | Proasellus   | S878  |
| praedatrix, <i>Sabatieria</i>                    | HD262 | Proboloidea  | S205  |
| praehirsuta, <i>Jaera</i>                        | S890  | Proboscoidactyla   | D524  |
| praelongata, <i>Philinoglossa</i>                | W1111 | Proboscoidactylidae  | D523  |
| praestans, <i>Xylophaga</i>                      | W2196 | proboscidea, <i>Artacama</i>                                 | P1226 |
| praetenue, <i>Cochlodesma</i>                    | W2239 | <i>proboscidea</i> , <i>Cymbulia</i>                         | W1203 |
| <i>praetermissa</i> , <i>Clymene</i>             | P973  | PROBOSCOIDA  | D488  |
| <i>praetermissa</i> , <i>Praxillella</i>         | P973  | Procampylaspis   | S1229 |
| praetexta, <i>Kriethe</i>                        | R2518 | Procellariidae   | ZJ24  |
| prasina, <i>Actinia</i>                          | D677  | PROCELLARIIFORMES  | ZJ20  |
| prasina, <i>Notodelphys</i>                      | R712  | Procephalothrix  | G12   |
| Prasiola   | ZS25  | <i>procera</i> , <i>Cerithiella</i>                          | W277  |
| Prasiolaceae                                     | ZS24  | procera, <i>Leucothoe</i>                                    | S179  |
| PRASIOLALES                                      | ZS23  | procera, <i>Thalassarachna</i>                               | Q120  |
| pratensis, <i>Schizopera</i>                     | R1255 | procera, <i>Thysanocardia</i>                                | N28   |
| pratincola, <i>Glareola</i>                      | ZJ201 | <i>procera</i> , <i>Thysanocardia</i>                        | N28   |
| <i>Pratincole</i> , Black-winged                 | ZJ200 | Proceraea  | P451  |
| <i>Pratincole</i> , Collared                     | ZJ201 | Procerastea  | P455  |
| <i>Pratincole</i> , Oriental                     | ZJ199 | Procerodes   | F5    |
| Praunus  | S81   | Procerodidae   | F4    |
| prava, <i>Eucythere</i>                          | R2564 | procerum, <i>Daptonema</i>                                   | HD515 |
| Praxillella                                      | P970  | Processa   | S1362 |
| Praxillura                                       | P943  | processae, <i>Urobopyrus</i>                                 | S1028 |
| Praya  | D88   | Processidae  | S1361 |
| Prayidae   | D80   | Prochromadora  | HD199 |
| Prayinae   | D84   | Prochromadorella   | HD201 |
| preclitellochaeta, <i>Marionina</i>              | P1569 | Proclea  | P1220 |
| Precuthona                                       | W1431 | Proclymene   | P974  |
| prenanti, <i>Bolteniopsis</i>                    | ZD137 | proctagon, <i>Typhlotanais</i>                               | S1155 |
| presbyter, <i>Atherina</i>                       | ZG194 | Proctonotus  | W1409 |
| Presynaptiphilus                                 | R1946 | procumbens, <i>Hymedesmia</i>                                | C947  |
| pretiosus, <i>Ruvettus</i>                       | ZG488 | Procythereis   | R2586 |
| prevostii, <i>Hyale</i>                          | S224  | Prodajus   | S976  |
| Priapion   | S1048 | producta, <i>Callipallene</i>                                | Q36   |
| PRIAPULIDA                                       | J1    | producta, <i>Crisiella</i>                                   | Y12   |
| Priapulidae                                      | J2    | producta, <i>Dinemoura</i>                                   | R2243 |
| Priapulidus                                      | J5    | producta, <i>Laetmonice</i>                                  | P24   |
| priceanum, <i>Aglaothamnion</i>                  | ZM481 | producta, <i>Lovenella</i>                                   | D337  |
| prideaux, <i>Pagurus</i>                         | S1462 | producta, <i>Semicytherura</i>                               | R2552 |
| prideaux, <i>Rhomboidella</i>                    | W1724 | producta, <i>Stauridiosarsia</i>                             | D191  |
| prideauxi, <i>Athelges</i>                       | S988  | <i>producta</i> var. <i>britannica</i> , <i>Laetmatonice</i> | P24   |
| <i>prideauxi</i> , <i>Crenella</i>               | W1724 | productum, <i>Archidistoma</i>                               | ZD17  |
| <i>prideauxi</i> , <i>Solamen</i>                | W1724 | <i>profundi</i> , <i>Comesoma</i>                            | HD250 |
| <i>prideauxiana</i> , <i>Hippolyte</i>           | S1348 | profundicola, <i>Bathysolea</i>                              | ZG583 |
| primitiva, <i>Hymedesmia</i>                     | C946  | profundus, <i>Abyssidrilus</i>                               | P1446 |
| Primno   | S756  | profundus, <i>Musellifer</i>                                 | HB175 |
| primordialis, <i>Clathrina</i>                   | C15   | profundus, <i>Notomastus</i>                                 | P922  |
| <i>primordialis</i> , <i>Leucosolenia</i>        | C15   | <i>profundus</i> , <i>Phallogdrilus</i>                      | P1446 |
| princeps, <i>Bathycalanus</i>                    | R352  | Progebiophilus   | S1017 |
| princeps, <i>Etmopterus</i>                      | ZF59  | <i>prolifer</i> , <i>Autolytus</i>                           | P437  |



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| <i>prolifer, Autolytus</i>       | P444  | Protoglossus                    | ZC16  |
| prolifer, Hybocodon              | D162  | Protohydra                      | D146  |
| prolifera, Autolytus             | P444  | Protolaeospira                  | P1389 |
| prolifera, Cladophora            | ZS209 | Protomedeia                     | S556  |
| prolifera, Enteromorpha          | ZS165 | <i>Protomonostroma</i>          | ZS48  |
| prolifera, Gonactinia            | D666  | Protomystides                   | P132  |
| <i>prolifera, Lophelia</i>       | D787  | Protopsammotopa                 | R1211 |
| prolifera, Sarsia                | D187  | Protostyela                     | ZD129 |
| prolifera, Typosyllis            | P370  | prototypus, Zanardinia          | ZR273 |
| <i>proliferum, Aplidium</i>      | ZD37  | protuberans, Ulvella            | ZS134 |
| proliferum, Aplidium             | ZD39  | Protula                         | P1358 |
| prolixa, Poliometra              | ZB13  | protulae, Acaenomolgus          | R1813 |
| <i>prolongata, Janthina</i>      | W584  | provincialis, Ampelisca         | S434  |
| promamme, Antinoella             | P38   | proxima, Adalaria               | W1336 |
| <i>promamme, Harmothoe sarsi</i> | P38   | proxima, Bradya                 | R829  |
| <i>Pronax</i>                    | C999  | proxima, Ceratia                | W408  |
| Proneomenia                      | W40   | <i>proxima, Cingula</i>         | W408  |
| Pronoidae                        | S763  | <i>proxima, Hyala</i>           | W408  |
| Propeamussiidae                  | W1792 | <i>proxima, Onoba</i>           | W368  |
| Propeamussium                    | W1793 | <i>proxima, Pseudione</i>       | S1024 |
| Propilidiidae                    | W240  | <i>proxima, Sarsicytheridea</i> | R2515 |
| Propilidium                      | W241  | proxima, Stenhelia              | R1260 |
| propinqua, Amalothrix            | R583  | proximum, Halectinosoma         | R871  |
| propinqua, Argilloecia           | R2702 | proximus, Myxomolgus            | R1818 |
| propinqua, Gyptis                | P300  | proximus, Pseudonychocamptus    | R1749 |
| propinqua, Metopa                | S198  | <i>pruina, Pleurotoma</i>       | W774  |
| propinqua, Robertsonia           | R1247 | pruinosa, Philine               | W1048 |
| propinqua, Sarsameira            | R1367 | prunum, Ascidia                 | ZD91  |
| propinqua, Vibilia               | S713  | Pruvotaplysia                   | W1150 |
| propinquum, Enhydrosoma          | R1577 | Pruvotfolia                     | W1474 |
| <i>propinquum, Halectinosoma</i> | R854  | pruvoti, Amathia                | Y136  |
| propinquus, Calanus              | R364  | pruvoti, Cliona                 | C485  |
| <i>propinquus, Colus</i>         | W717  | pruvoti, Leptopsammia           | D804  |
| propinquus, Enoplolaimus         | HD23  | Pruvotina                       | W36   |
| propinquus, Hippomedon           | S297  | psalliota, Phalusiella          | R2190 |
| <i>propinquus, Orthopsyllus</i>  | R1497 | psammae, Hastigerella           | R885  |
| propinquus, Pandalus             | S1378 | <i>psammae, Pararenosetella</i> | R885  |
| propinquus, Pseudodiosaccus      | R1220 | Psammamphiporus                 | G92   |
| propinquus, Psyllocamptus        | R1359 | Psammascidia                    | ZD96  |
| propinquus, Xanthocalanus        | R570  | Psammastacus                    | R1521 |
| propinqvus, Amphiascus           | R1171 | Psammechinus                    | ZB192 |
| Propontocypris                   | R2708 | Psammis                         | R1603 |
| PROSOBRANCHIA                    | W89   | Psammobella                     | W2047 |
| Prosorhochmidae                  | G113  | Psammobia                       | W2050 |
| Prosorhochmus                    | G114  | Psammobiidae                    | W2042 |
| prosostoma, Palposyllis          | P394  | Psammobiinae                    | W2043 |
| prosostomus, Isohypsibius        | V33   | psammobionta, Biserramenia      | W45   |
| <i>prostatus, Limnodriloides</i> | P1464 | Psammocamptus                   | R1491 |
| <i>prostatus, Phalodrilus</i>    | P1464 | PSAMMODRILIDA                   | P861  |
| <i>prostatus, Rhyacodrilus</i>   | P1464 | Psammodrillidae                 | P862  |
| prostatus, Thalassodrilus        | P1464 | Psammodrilus                    | P863  |
| Prostheceraeus                   | F105  | psammoides, Daptonema           | HD516 |
| Prosthiostomidae                 | F64   | Psammolyce                      | P101  |
| Prosthiostomum                   | F65   | psammophila, Diarthrodella      | R1434 |
| PROSTIGMATA                      | Q55   | psammophila, Ectoforcepia       | C1030 |
| Prosuberites                     | C400  | psammophila, Lepadella          | HA27  |
| Protanthea                       | D667  | psammophila, Leptocythere       | R2602 |
| PROTANTHEAE                      | D663  | psammophila, Phoronis           | ZA8   |
| Protectocarpus                   | ZR127 | psammophila, Proameira          | R1341 |
| proteus, Pseudolaophonte         | R1743 | psammophilum, Encentrum         | HA61  |
| Protodorvillea                   | P637  | psammophilus, Choanolaimus      | HD326 |
| PROTODRILIDA                     | P1067 | psammophilus, Parapodrilus      | P629  |
| Protodrilidae                    | P1068 | Psammosyllinae                  | R1553 |
| Protodriloidae                   | P1081 | Psammotopa                      | R1213 |
| Protodriloides                   | P1084 | Pselionema                      | HD471 |
| Protodrilus                      | P1069 | <i>pselliotes, Facelina</i>     | W1475 |

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| pselliotes, Pruvotfolia                       | W1475        | Pseudopallene                          | Q39   |
| Psetta  | ZG553        | pseudopalmata, Rhodymenia              | ZM468 |
| Pseudameira                                   | R1344        | Pseudoparatanaïs                       | S1139 |
| Pseudamphiascopsis                            | R1216        | Pseudophaenna                          | R557  |
| Pseudamussium                                 | W1789        | Pseudopolydora                         | P771  |
| Pseudanthessiidae                             | R1862        | Pseudopotamilla                        | P1315 |
| Pseudanthessius                               | R1868        | Pseudopriingsheimia                    | ZS115 |
| Pseudarachna                                  | S930         | Pseudoprotella                         | S658  |
| Pseudarchaster                                | ZB48         | Pseudopsyllus                          | R1930 |
| <i>pseudargentea</i> , <i>Fridericia</i>      | <i>P1571</i> | pseudopulvinata, <i>Erythrotrichia</i> | ZM37  |
| Pseudaxinyssa                                 | C673         | Pseudopythina                          | W1876 |
| Pseudectinosoma                               | R897         | Pseudorca                              | ZK32  |
| Pseudendoclonium                              | ZS109        | Pseudorchestoidea                      | S238  |
| Pseudeuchaeta                                 | R476         | pseudosarsi, <i>Halectinosoma</i>      | R872  |
| <i>Pseudeulalia</i>                           | <i>P132</i>  | Pseudosetia                            | W372  |
| Pseudeurythoe                                 | P521         | Pseudostomella                         | HB69  |
| Pseudione                                     | S1019        | Pseudosuberites                        | C404  |
| pseudoarenaria, <i>Mya</i>                    | W2146        | Pseudotachidiinae                      | R1114 |
| pseudoargus, <i>Archidoris</i>                | W1376        | Pseudotachidius                        | R1125 |
| Pseudobradya                                  | R899         | Pseudotanaiidae                        | S1159 |
| pseudobyssoïdes, <i>Aglaothamnion</i>         | ZM482        | Pseudotanainae                         | S1160 |
| Pseudocalanus                                 | R425         | Pseudotanais                           | S1161 |
| Pseudocaligus                                 | R2229        | Pseudothyone                           | ZB257 |
| Pseudocella                                   | HD76         | Pseudotriakidae                        | ZF30  |
| pseudoceranoïdes, <i>Phyllophora</i>          | ZM409        | Pseudotriakis                          | ZF31  |
| Pseudocerotidae                               | F99          | Pseudoturbanella                       | HB103 |
| Pseudocharopinus                              | R2361        | pseudovaricolor, <i>Micrura</i>        | G64   |
| Pseudochirella                                | R478         | Pseudovermidæ                          | W1462 |
| <i>Pseudochromadora</i>                       | <i>HD341</i> | Pseudovermis                           | W1463 |
| Pseudoclausia                                 | R1941        | Psilaster                              | ZB27  |
| Pseudocletodes                                | R1619        | Psiloterodo                            | W2205 |
| pseudocontractus, <i>Calocalanus</i>          | R374         | psittacea, <i>Hemithiris</i>           | X17   |
| pseudocorrugata, <i>Janua</i>                 | <i>P1375</i> | Psolidæ                                | ZB250 |
| <i>pseudocrispa</i> , <i>Scinaia</i>          | <i>ZM129</i> | Psolus                                 | ZB251 |
| Pseudocucumis                                 | ZB260        | psora, <i>Aega</i>                     | S816  |
| Pseudocuma                                    | S1234        | Psychrolutidae                         | ZG286 |
| Pseudocumatidae                               | S1231        | Psyllocamptus                          | R1355 |
| pseudocurvata, <i>Ulva</i>                    | ZS181        | psyllus, <i>Doropygella</i>            | R696  |
| Pseudocyclopiæ                                | R531         | Pteraster                              | ZB65  |
| Pseudocyclopiidae                             | R150         | Pterasteridae                          | ZB64  |
| Pseudocyclopiidae                             | R530         | Pteria                                 | W1728 |
| Pseudocyclopiina                              | R659         | PTERIA                                 | W1726 |
| PSEUDOCYCLOPOIDEA                             | R149         | Pteriidae                              | W1727 |
| Pseudocyclops                                 | R153         | Pterinopsyllus                         | R661  |
| Pseudocycnidae                                | R2283        | pterinum, <i>Halectinosoma</i>         | R873  |
| Pseudocycnus                                  | R2284        | PTERIOIDA                              | W1725 |
| Pseudocythere                                 | R2483        | Pterobdellina                          | P1614 |
| Pseudodictyon                                 | ZS113        | PTEROBRANCHIA                          | ZC2   |
| Pseudodiosaccus                               | R1219        | pteroaudata, <i>Paramesochra</i>       | R1416 |
| Pseudofabricia                                | P1313        | pterochaeta, <i>Opisthodontia</i>      | P391  |
| <i>pseudogaster</i> , <i>Isochaetides</i>     | <i>P1498</i> | pterocirri, <i>Rhopalura</i>           | B24   |
| <i>pseudogaster</i> , <i>Limnodrilus</i>      | <i>P1498</i> | Pterocirrus                            | P186  |
| <i>pseudogaster</i> , <i>Tubifex</i>          | <i>P1498</i> | Pterocladia                            | ZM165 |
| pseudogaster, <i>Tubificoides</i>             | P1498        | Pterocladiphilaceae                    | ZM437 |
| Pseudolaophonte                               | R1741        | Pterodroma                             | ZJ31  |
| <i>pseudoleptoclinum</i> , <i>Lissoclinum</i> | <i>ZD65</i>  | Pterognathia                           | IA9   |
| Pseudoleptomesochrella                        | R1353        | pterophora, <i>Enterocola</i>          | R745  |
| pseudolinza, <i>Enteromorpha</i>              | ZS166        | Pteropsyllus                           | R1446 |
| Pseudolithoderma                              | ZR100        | <i>pteropus</i> , <i>Ommastrephes</i>  | W2376 |
| Pseudolubbockia                               | R1897        | <i>pteropus</i> , <i>Paracyathus</i>   | D783  |
| Pseudomesochra                                | R1221        | <i>pteropus</i> , <i>Sthenoteuthis</i> | W2376 |
| Pseudomma                                     | S55          | Pterosagitta                           | L7    |
| Pseudomystides                                | P136         | Pterosiphonia                          | ZM682 |
| Pseudonchus                                   | HD371        | Pterothamnion                          | ZM552 |
| Pseudonotomastus                              | P926         | Pterotrachea                           | W526  |
| Pseudonychocamptus                            | R1745        | Pterotracheidae                        | W525  |

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| Pterycombus                                   | ZG342 | <i>pumila</i> , <i>Montacuta</i>                   | W1900 |
| Pterygocythereis                              | R2677 | <i>pumila</i> , <i>Raspailia</i>                   | C1323 |
| Pterygonema                                   | HD473 | <i>pumila</i> , <i>Raspailia</i>                   | C1325 |
| Ptilocodiidae                                 | D206  | <i>pumila</i> , <i>Turbonilla</i>                  | W975  |
| Ptilota                                       | ZM555 | <i>pumilio</i> , <i>Lumbricillus</i>               | P1553 |
| Ptilothamnion                                 | ZM557 | Punctaria  | ZR176 |
| Ptychoderidae                                 | ZC24  | Punctariaceae                                      | ZR161 |
| Ptycholaimellus                               | HD236 | <i>punctata</i> , <i>Aplysia</i>                   | W1152 |
| Ptychostomella                                | HB71  | <i>punctata</i> , <i>Bdellocephala</i>             | F41   |
| <i>puber</i> , <i>Liocarcinus</i>             | S1589 | <i>punctata</i> , <i>Calliobdella</i>              | P1590 |
| <i>puber</i> , <i>Necora</i>                  | S1589 | <i>punctata</i> , <i>Castalia</i>                  | P311  |
| <i>pubera</i> , <i>Pareuchaeta</i>            | R505  | <i>punctata</i> , <i>Colpodaspis</i>               | W1043 |
| <i>pubescens</i> , <i>Pagurus</i>             | S1463 | <i>punctata</i> , <i>Cribrilina</i>                | Y310  |
| <i>pubescens</i> , <i>Thracia</i>             | W2232 | <i>punctata</i> , <i>Dorylaimopsis</i>             | HD249 |
| <i>pubesculentus</i> , <i>Pagurus</i>         | S1464 | <i>punctata</i> , <i>Ihlea</i>                     | ZD199 |
| <i>pudica</i> , <i>Trichydra</i>              | D294  | <i>punctata</i> , <i>Nereimyra</i>                 | P311  |
| <i>Puellina</i>                               | Y315  | <i>punctata</i> , <i>Paramphiura</i>               | ZB159 |
| <i>puerilis siberti</i> , <i>Ophryotrocha</i> | P623  | <i>punctata</i> , <i>Philine</i>                   | W1043 |
| <i>Puffer-fish</i>                            | ZG603 | <i>punctata</i> , <i>Sabatieria</i>                | HD255 |
| <i>Puffin</i>                                 | ZJ355 | <i>punctata</i> , <i>Sabatieria</i>                | HD264 |
| <i>Puffin</i> , <i>Atlantic</i>               | ZJ355 | <i>punctata</i> , <i>Xenotrichula</i>              | HB194 |
| <i>Puffinus</i>                               | ZJ33  | <i>punctatum</i> , <i>Cytheropteron</i>            | R2534 |
| <i>puffinus</i> , <i>Puffinus</i>             | ZJ37  | <i>punctatum</i> , <i>Nitophyllum</i>              | ZM614 |
| <i>pugilator pugilator</i> , <i>Diogenes</i>  | S1444 | <i>punctatus</i> , <i>Autolytus</i>                | P437  |
| <i>pugilator</i> , <i>Diogenes pugilator</i>  | S1444 | <i>punctatus</i> , <i>Dicentrarchus</i>            | ZG313 |
| <i>pugnax</i> , <i>Philomachus</i>            | ZJ276 | <i>punctatus</i> , <i>Ericthonius</i>              | S564  |
| <i>pulchella</i> , <i>Amenophia</i>           | R1065 | <i>punctatus</i> , <i>Gammarus</i>                 | S534  |
| <i>pulchella</i> , <i>Bodotria</i>            | S1196 | <i>punctatus</i> , <i>Praecanthochus</i>           | HD313 |
| <i>pulchella</i> , <i>Cerithiopsis</i>        | W274  | <i>punctatus</i> , <i>Zeugopterus</i>              | ZG558 |
| <i>pulchella</i> , <i>Lunatia</i>             | W491  | <i>punctifera</i> , <i>Pirakia</i>                 | P157  |
| <i>pulchella</i> , <i>Okenia</i>              | W1311 | <i>punctifera</i> , <i>Pirakia</i>                 | P185  |
| <i>pulchella</i> , <i>Paramphinome</i>        | P518  | <i>punctillata</i> , <i>Sarsicytheridea</i>        | R2515 |
| <i>pulchella</i> , <i>Pseudobradya</i>        | R912  | <i>punctilucens</i> , <i>Aegires</i>               | W1346 |
| <i>pulchella</i> , <i>Spongionella</i>        | C1682 | <i>punctum</i> , <i>Aplidium</i>                   | ZD40  |
| <i>pulchella</i> , <i>Syncoryne</i>           | D189  | <i>punctura</i> , <i>Alvania</i>                   | W344  |
| <i>pulchella</i> , <i>Urothoe</i>             | S251  | <i>punctura</i> , <i>Alvinia</i>                   | W344  |
| <i>pulchellum</i> , <i>Gelidium</i>           | ZM159 | <i>punctura</i> , <i>Arsenia</i>                   | W344  |
| <i>pulchellum</i> , <i>Paradoxostoma</i>      | R2656 | Puncturella  | W110  |
| <i>pulchellus</i> , <i>Polinices</i>          | W491  | <i>pungens</i> , <i>Gaidius</i>                    | R474  |
| <i>pulcher</i> , <i>Nipponnemertes</i>        | G98   | <i>pungens</i> , <i>Myzopontius</i>                | R2111 |
| <i>pulcher</i> , <i>Typhlotanais</i>          | S1156 | <i>Pungitius</i>                                   | ZG227 |
| <i>pulcherrima</i> , <i>Cingula</i>           | W380  | <i>pungitius</i> , <i>Pungitius</i>                | ZG228 |
| <i>pulcherrima</i> , <i>Setia</i>             | W380  | <i>punicea</i> , <i>Dasya</i>                      | ZM579 |
| <i>pulchra</i> , <i>Embletonia</i>            | W1292 | <i>Punnettia</i>                                   | G137  |
| <i>pulchra</i> , <i>Eurydice</i>              | S854  | <i>pupoides</i> , <i>Parvisipho</i>                | W717  |
| <i>pulchra</i> , <i>Nephtys</i>               | P506  | <i>pupula</i> , <i>Pneumodermopsis</i>             | W1217 |
| <i>pulchra</i> , <i>Polydora</i>              | P774  | <i>Purple Gallinule</i>                            | ZJ175 |
| <i>pulchra</i> , <i>Pseudopolydora</i>        | P774  | <i>Purple Gallinule</i> , <i>American</i>          | ZJ175 |
| <i>pulchra</i> , <i>Sabatieria</i>            | HD263 | <i>Purple Heron</i>                                | ZJ66  |
| <i>pulex</i> , <i>Doropygus</i>               | R701  | <i>Purple Sandpiper</i>                            | ZJ238 |
| <i>pulex</i> , <i>Gammarus</i>                | S480  | <i>purpurea</i> , <i>Acanthephyra</i>              | S1298 |
| <i>pullastra</i> , <i>Venerupis</i>           | W2124 | <i>purpurea</i> , <i>Ardea</i>                     | ZJ66  |
| <i>pulligera</i> , <i>Pionosyllis</i>         | P400  | <i>purpurea</i> , <i>Audouinella</i>               | ZM110 |
| <i>pullus</i> , <i>Tricolia</i>               | W139  | <i>purpurea</i> , <i>Cruoria</i>                   | ZM314 |
| <i>pulmonaria</i> , <i>Synoicum</i>           | ZD26  | <i>purpurea</i> , <i>Halcampoides</i>              | D748  |
| PULMONATA                                     | W1493 | <i>purpurea</i> , <i>Lepadogaster lepadogaster</i> | ZG89  |
| <i>pulverea</i> , <i>Audouinella</i>          | ZM109 | <i>purpurea</i> , <i>Micrura</i>                   | G65   |
| <i>pulvillus</i> , <i>Porania</i>             | ZB54  | <i>purpurea</i> , <i>Philbertia</i>                | W862  |
| <i>pulvillus</i> , <i>Pteraster</i>           | ZB67  | <i>purpurea</i> , <i>Porphyra</i>                  | ZM57  |
| <i>pumicosa</i> , <i>Cellepora</i>            | Y495  | <i>purpurea</i> , <i>Porphyra</i>                  | ZM62  |
| <i>pumila</i> , <i>Campanulina</i>            | D351  | <i>purpurea</i> , <i>Raphitoma</i>                 | W862  |
| <i>pumila</i> , <i>Dynamena</i>               | D422  | <i>purpurea</i> , <i>Thalestris</i>                | R1080 |
| <i>pumila</i> , <i>Kellia</i>                 | W1900 | <i>purpureo-violacea</i> , <i>Porphyra</i>         | ZM63  |
| <i>pumila</i> , <i>Leucaltis</i>              | C94   | <i>purpureum</i> , <i>Cystoclonium</i>             | ZM322 |
| <i>pumila</i> , <i>Leuconia</i>               | C94   | <i>purpureum</i> , <i>Peltidium</i>                | R1043 |
| <i>pumila</i> , <i>Mancikellia</i>            | W1900 | <i>purpureum</i> , <i>Phymatolithon</i>            | ZM259 |

|                                   |       |                              |       |
|-----------------------------------|-------|------------------------------|-------|
| purpureum, Porphyridium           | ZM22  | pustulosa marshalli, Ledella | W1601 |
| purpureus, Hemicyclops            | R1922 | pustulosa, Bowerbankia       | Y142  |
| purpureus, Ophioscolex            | ZB121 | pustulosum, Phaeostroma      | ZR58  |
| purpureus, Protodrilus            | P1079 | Pycnoclavella                | ZD10  |
| purpureus, Spatangus              | ZB219 | Pycnodonteinae               | W1764 |
| purpurocincta, Idomene            | R1124 | PYCNOGONIDA                  | Q2    |
| purpurocinctum, Rhynchomyzon      | R2092 | Pycnogonidae                 | Q49   |
| purpurotincta, Bugula             | Y247  | Pycnogonum                   | Q50   |
| pusilla, Ameira                   | R1297 | Pycnophyes                   | HC25  |
| pusilla, Apoglossocolax           | ZM588 | Pycnophyidae                 | HC24  |
| pusilla, Brania                   | P414  | pygmaea, Celleporina         | Y499  |
| pusilla, Calidris                 | ZJ243 | pygmaea, Cladophora          | ZS210 |
| pusilla, Colomastix               | S183  | pygmaea, Cryptocheles        | S1341 |
| pusilla, Colpodaspis              | W1061 | pygmaea, Cumella             | S1224 |
| pusilla, Coryne                   | D175  | pygmaea, Cyclopina           | R642  |
| pusilla, Cytherois                | R2639 | pygmaea, Diaixis             | R523  |
| pusilla, Dikoleps                 | W204  | pygmaea, Eurycope            | S928  |
| pusilla, Elofsonia                | R2609 | pygmaea, Evansula            | R1535 |
| pusilla, Eriopisella              | S512  | pygmaea, Haloschizopera      | R1194 |
| pusilla, Grania                   | P1528 | pygmaea, Hatschekia          | R2295 |
| pusilla, Grubea                   | P414  | pygmaea, Heteroxenotrichula  | HB184 |
| pusilla, Idyanthe                 | R1011 | pygmaea, Hinia               | W748  |
| pusilla, Jassa                    | S572  | pygmaea, Lafoea              | D348  |
| pusilla, Leda                     | W1630 | pygmaea, Liriopsis           | S974  |
| pusilla, Lichomolgella            | R1840 | pygmaea, Mesochra            | R1481 |
| pusilla, Loxoconcha               | R2621 | pygmaea, Platycopia          | R147  |
| pusilla, Metopa                   | S199  | pygmaea, Pseudobradya        | R913  |
| pusilla, Metzgeria                | W700  | pygmaea, Sphaeronella        | R2166 |
| pusilla, Nitokra                  | R1325 | pygmaea, Stenocaris          | R1542 |
| pusilla, Nolella                  | Y93   | pygmaea, Tellina             | W2023 |
| pusilla, Odostomia                | W976  | pygmaea, Thyasira            | W1852 |
| pusilla, Onchidoris               | W1327 | pygmaeus, Anoplodactylus     | Q45   |
| pusilla, Petta                    | P1111 | pygmaeus, Colus              | W717  |
| pusilla, Porzana                  | ZJ180 | pygmaeus, Diarthrodes        | R1109 |
| pusilla, Rhabderemia              | C1349 | pygmaeus, Dysponetus         | P11   |
| pusilla, Scagelia                 | ZM561 | pygmaeus, Kliopsyllus        | R1402 |
| pusilla, Tellina                  | W2023 | pygmaeus, Leptastacus        | R1512 |
| pusilla, Trichocerca              | HA45  | pygmaeus, Microcalanus       | R424  |
| pusilla, Turbonilla               | W975  | pygmaeus, Nassarius          | W748  |
| pusilla, Turbonilla               | W976  | pygmaeus, Paracalanus        | R382  |
| pusilla, Upogebia                 | S1420 | pygmaeus, Saccoglossus       | ZC20  |
| pusilla, Yoldia                   | W1630 | pygmaeus, Trichoniscus       | S1070 |
| Pusillargillus                    | R1493 | Pygmy Sperm Whale            | ZK50  |
| Pusillina                         | W374  | pygodactyla, Cossura         | P871  |
| pusilloides, Spirorbis            | P1372 | Pygospio                     | P775  |
| Pusillotrocha                     | P639  | pylasei, Scagelia            | ZM562 |
| pusillum, Alcyonium               | D601  | pyramidale, Cytheropteron    | R2535 |
| pusillum, Gelidium                | ZM160 | pyramidalis, Laurencia       | ZM643 |
| pusillus, Adelodrilus             | P1434 | pyramidata, Axinella         | C552  |
| pusillus, Cletodes                | R1568 | pyramidata, Bougainvillia    | D256  |
| pusillus, Echinocyamus            | ZB212 | pyramidata, Clio             | W1187 |
| pusillus, Liocarcinus             | S1584 | PYRAMIDELLACEA               | W905  |
| pusillus, Litosiphon              | ZR151 | Pyramidellidae               | W906  |
| pusillus, Litosiphon              | ZR151 | Pyrgiscus                    | W984  |
| pusillus, Microcalanus            | R423  | Pyrgomatidae                 | R83   |
| pusillus, Microcalanus            | R424  | pyriformis, Geodia           | C229  |
| pusillus, Phaseolus               | W1630 | pyripes, Vibilia             | S714  |
| pusillus, Portunion               | S1046 | Pyripora                     | Y179  |
| pusillus, Trichoniscus            | S1069 | Pyrosoma                     | ZD210 |
| pusio var. salicensis, Neilonella | W1642 | PYRO SOMIDA                  | ZD208 |
| pusio, Chlamys                    | W1776 | Pyrosomidae                  | ZD209 |
| pusiolus, Eualus                  | S1345 | Pyrostremma                  | ZD213 |
| pustulata, Cuthona                | W1439 | pyrula, Crella               | C774  |
| pustulatum, Epsilonema            | HD381 | Pytheas                      | C768  |
| pustulatum, Titanoderma           | ZM279 | Pythiinae                    | W1509 |
| pustulifera, Pseudochirella       | R483  | Pyura                        | ZD138 |

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|---|--------------|---------------------------------|--------------|
| Pyuridae                                | ZD131        | Raja                            | ZF84         |
|   |              | Rajidae                         | ZF81         |
| <b>Q</b>                                |              | RAJIFORMES                      | ZF80         |
| <b>quadrangularis, Funiculina</b>       | <b>D615</b>  | Ralfsia                         | ZR190        |
| quadrangularis, Jugaria                 | P1378        | ralfsii, Enteromorpha           | ZS167        |
| quadrangulata, Scypha                   | C137         | Rallidae                        | ZJ165        |
| Quadrans                                | W2024        | ralloides, Ardeola              | ZJ68         |
| quadrata, Keratella                     | HA25         | Rallus                          | ZJ181        |
| quadrata, Phialella                     | D343         | ramada, Liza                    | ZG383        |
| <i>quadrata, Phialella</i>              | <i>D351</i>  | rameum, Eudendrium              | D226         |
| quadrata, Philine                       | W1044        | ramondi, Ampithoe               | S533         |
| Quadricoma                              | HD484        | ramosa, Barentsia               | K56          |
| <i>quadricornis, Idaliella</i>          | <i>W1308</i> | ramosa, Bougainvillia           | D257         |
| quadricornis, Lucernaria                | D15          | ramosa, Crisia                  | Y19          |
| <i>quadricornis, Okenia</i>             | <i>W1308</i> | ramosa, Cryptopleura            | ZM592        |
| quadricornis, Okenia                    | W1312        | ramosa, Heteropia               | C124         |
| quadricuspida, Nainereis                | P660         | ramosa, Nemertesia              | D466         |
| <i>quadricuspis, Onuphis</i>            | <i>P550</i>  | ramosa, Raspailia               | C1325        |
| quadricuspis, Paradiopatra              | P550         | ramosa, Schistobranchia         | R2369        |
| quadridentata, Celtia                   | R2671        | ramosum, Eudendrium             | D227         |
| quadridentatus, Brachionis              | HA12         | <i>ramosus, Dictyocylindrus</i> | <i>C1325</i> |
| quadridentatus, Enoplus                 | HD11         | Ramphonotus                     | Y228         |
| quadridentatus, Paracentrophyes         | HC33         | ramuliferum, Thaumastoderma     | HB88         |
| quadri-lineata, Polycera                | W1350        | ramulosa, Ectochaete            | ZS87         |
| quadri-lobata, Polydora                 | P760         | <i>ramulosa, Enteromorpha</i>   | <i>ZS162</i> |
| quadrimanus, Normanion                  | S314         | ramulosa, Omalosecosa           | Y508         |
| quadripunctata, Limnoria                | S839         | ramulosus, Hippocampus          | ZG240        |
| quadriseta, Danielssenia                | R1589        | Randidrilus                     | P1577        |
| quadritubulata, Xenotrichula            | HB195        | Ranella                         | W510         |
| quadri-valvis, Sulculeolaria            | D105         | Ranellidae                      | W508         |
| quarta, Normanella                      | R1760        | Ranellinae                      | W509         |
| Quasillina                              | C365         | Raniceps                        | ZG137        |
| quatrefagesi, Tetrastemma               | G132         | raninus, Raniceps               | ZG138        |
| quekettii, Ostreobium                   | ZS237        | ransoni, Paraphyllina           | D32          |
| querquedula, Anas                       | ZJ103        | Ranzania                        | ZG607        |
| QUESTIDA                                | P705         | rapax, Elasmopus                | S508         |
| Questidae                               | P706         | rapax, Gammanema                | HD332        |
| quincuncialis, Buskea                   | Y511         | raphanus, Pseudothyone          | ZB257        |
| quinedecimdentatus, Autolytus           | P445         | raphanus, Scypha                | C138         |
| Quinquelaophonte                        | R1750        | Raphitoma                       | W858         |
| <i>quinquespinosa, Quinquelaophonte</i> | <i>R1750</i> | rapens, Mesochra                | R1482        |
| quinquespinosa, Quinquelaophonte        | R1751        | Raricirrus                      | P855         |
|   |              | rarisetis, Bathydrius           | P1442        |
| <b>R</b>                                |              | <i>rarisetis, Macroseta</i>     | <i>P1442</i> |
| <b>Rabbit-fish</b>                      | <b>ZF114</b> | rarus, Platydasy                | HB67         |
| racemosa, Sphacelaria                   | ZR298        | raschi, Spatangus               | ZB220        |
| racovitzae, Hexadella                   | C1660        | raschi, Thysanoessa             | S1275        |
| radiata, Cladonema                      | D199         | raschii, Trischizostoma         | S340         |
| <i>radiata, Cnibrilaria</i>             | <i>Y325</i>  | Raspaciona                      | C1313        |
| radiata, Eurypon                        | C1292        | Raspailia                       | C1315        |
| radiata, Lichenopora                    | Y63          | Raspailiidae                    | C1258        |
| radiata, Raja                           | ZF98         | Rastrognathia                   | IA28         |
| radicans, Sphacelaria                   | ZR299        | Rastrognathiidae                | IA27         |
| <i>radicellata, Aglaophenia</i>         | <i>D487</i>  | Ratania                         | R2063        |
| Radicilingua                            | ZM619        | Rataniidae                      | R2062        |
| Radiella                                | C367         | Rathkea                         | D269         |
| radiosa, Raspailia                      | C1324        | rathkei typica, Diastylis       | S1253        |
| radiosus, Antennarius                   | ZG103        | <i>rathkei, Calliopius</i>      | <i>S112</i>  |
| <i>radiosus, Dictyocylindrus</i>        | <i>C1324</i> | rathkei, Ophelia                | P1003        |
| radix, Ancorina                         | C182         | Rathkeidae                      | D268         |
| Ragionula                               | Y351         | <i>Rat-tail, Armoured</i>       | <i>ZG163</i> |
| <i>Rail, Sora</i>                       | <i>ZJ177</i> | <i>Rat-tail, Hollowsnout</i>    | <i>ZG155</i> |
| <i>Rail, Water</i>                      | <i>ZJ182</i> | <i>Rat-tail, Rough</i>          | <i>ZG161</i> |
| <i>Rainbow Wrasse</i>                   | <i>ZG392</i> | <i>Rat-tail, Roughsnout</i>     | <i>ZG167</i> |
| <i>Raitt's Sand-eel</i>                 | <i>ZG443</i> | <i>Rat-tail, Roundhead</i>      | <i>ZG157</i> |
|   |              | <i>Rat-tail, Smooth</i>         | <i>ZG165</i> |

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|---|-------|--|-------|
| <i>Rat-tail, Softhead</i>                 | ZG159 | <i>reflexa</i> , Erythrotrichia            | ZM38  |
| <i>rattrayi</i> , Centraugaptilus         | R167  | <i>reflexa</i> , Pseudameira               | R1352 |
| <i>rattrayi</i> , Scina                   | S690  | <i>reflexa</i> , <i>Stenhelia</i>          | R1179 |
| <i>ratzeli</i> , Fridericia               | P1522 | <i>reflexa</i> , <i>Stenhelia</i>          | R1272 |
| <i>rava</i> , Haliclona                   | C1428 | <i>reflexum</i> , Gastroclonium            | ZM452 |
| <i>rava</i> , Nereis                      | P477  | <i>reflexum</i> , <i>Halecium</i>          | D393  |
| <i>ravus</i> , <i>Gellius</i>             | C1428 | <i>refringens</i> , Thalassomonhystera     | HD498 |
| <i>Ray, Blonde</i>                        | ZF87  | <i>refulgens</i> , Cephalophanes           | R543  |
| <i>Ray, Cuckoo</i>                        | ZF95  | Regalecidae                                | ZG217 |
| <i>Ray, Devil</i>                         | ZF109 | Regalecus                                  | ZG218 |
| <i>Ray, Eagle</i>                         | ZF106 | <i>regalis</i> , Eostichopus               | ZB241 |
| <i>Ray, Electric</i>                      | ZF79  | <i>regalis</i> , Pontellopsis              | R334  |
| <i>Ray, Marbled Electric</i>              | ZF78  | <i>regalis</i> , <i>Stichopus</i>          | ZB241 |
| <i>Ray, Painted</i>                       | ZF93  | <i>regia</i> , Balanophyllia               | D799  |
| <i>Ray, Sandy</i>                         | ZF88  | <i>reginae</i> , Coronula                  | R52   |
| <i>Ray, Shagreen</i>                      | ZF90  | <i>regius</i> , Argyrosomus                | ZG367 |
| <i>Ray, Spinetail</i>                     | ZF83  | <i>regius</i> , Phrynorhombus              | ZG552 |
| <i>Ray, Spotted</i>                       | ZF94  | <i>reinboldii</i> , Sorocarpus             | ZR134 |
| <i>Ray, Starry</i>                        | ZF98  | <i>reinhardi</i> , Photis                  | S554  |
| <i>Ray, Sting</i>                         | ZF103 | <i>reinhardti</i> , Proales                | HA37  |
| <i>Ray, Thomback</i>                      | ZF89  | Reinhardtius                               | ZG579 |
| <i>Ray, Undulate</i>                      | ZF99  | <i>reinkei</i> , Syncoryne                 | ZS122 |
| <i>Ray's Bream</i>                        | ZG341 | Remanea                                    | R1418 |
| <i>Razorbill</i>                          | ZJ349 | <i>remanei</i> , Afroleptastacus           | R1501 |
| <i>rectangula</i> , Odontophora           | HD605 | <i>remanei</i> , Cylindropsyllus           | R1532 |
| <i>rectangula</i> , Raspailia             | C1326 | <i>remanei</i> , Macrodasys                | HB42  |
| <i>rectirostris</i> , Westwoodilla        | S141  | <i>remanei</i> , Mesognathia               | IA14  |
| <i>rectisetosus</i> , Pectinodrillus      | P1458 | <i>remanei</i> , Metachromadora            | HD359 |
| <i>rectisetosus</i> , <i>Phallodrilus</i> | P1458 | <i>remanei</i> , <i>Metachromadoriodes</i> | HD358 |
| <i>recurvata</i> , Hincksia               | ZR42  | <i>remanei</i> , Philinoglossa             | W1112 |
| <i>Recurvirostra</i>                      | ZJ190 | <i>remanei</i> , <i>Psammostacus</i>       | R1501 |
| Recurvirostridae                          | ZJ187 | <i>remanei</i> , Robertgurneya             | R1238 |
| <i>Red Band-fish</i>                      | ZG377 | <i>remanei</i> , Turbanella                | HB114 |
| <i>Red dead men's fingers</i>             | D598  | <i>remata</i> , Polyarthra                 | HA73  |
| <i>Red Gurnard</i>                        | ZG262 | <i>remipes</i> , Copidognathus             | Q105  |
| <i>Red Knot</i>                           | ZJ235 | Remora                                     | ZG325 |
| <i>Red Mullet</i>                         | ZG374 | <i>Remora</i>                              | ZG326 |
| <i>Red Sea-bream</i>                      | ZG356 | <i>remora</i> , Remora                     | ZG326 |
| <i>Red-breasted Goose</i>                 | ZJ124 | <i>remota</i> , Pisione                    | P15   |
| <i>Red-breasted Merganser</i>             | ZJ146 | <i>remota</i> , <i>Praegeria</i>           | P15   |
| <i>Red-crested Pochard</i>                | ZJ148 | <i>remyi</i> roffensis, Macarorchestia     | S230  |
| <i>redeki</i> , Boccardia                 | P728  | <i>renaudae</i> , Thaumastoderma           | HB89  |
| <i>Redfish</i>                            | ZG256 | <i>renaudi</i> , Asterocheres              | R2077 |
| <i>Red-mouth Goby</i>                     | ZG465 | <i>reniformis</i> , <i>Amphitrite</i>      | P1316 |
| <i>Red-necked Grebe</i>                   | ZJ14  | <i>reniformis</i> , <i>Chondrosia</i>      | C318  |
| <i>Red-necked Phalarope</i>               | ZJ273 | <i>reniformis</i> , Kallymenia             | ZM372 |
| <i>Red-necked Stint</i>                   | ZJ244 | <i>reniformis</i> , <i>Phyllaria</i>       | ZR357 |
| <i>Redshank</i>                           | ZJ289 | <i>reniformis</i> , <i>Potamilla</i>       | P1316 |
| <i>Redshank, Common</i>                   | ZJ289 | <i>reniformis</i> , Pseudopotamilla        | P1316 |
| <i>Redshank, Spotted</i>                  | ZJ281 | <i>repens</i> , Acrochaete                 | ZS81  |
| <i>Red-throated Diver</i>                 | ZJ8   | <i>repens</i> , Farrella                   | Y122  |
| <i>reducta</i> , Arenocaris               | R1506 | <i>repens</i> , Neevea                     | ZM18  |
| <i>reducta</i> , Laophonte longicaudata   | R1713 | <i>repens</i> , <i>Perigonimus</i>         | D240  |
| <i>reducta</i> , Laophonte longicaudata   | R1713 | <i>repens</i> , Spermothamnion             | ZM567 |
| <i>reducta</i> , Mesochra                 | R1483 | <i>reptabunda</i> , Lophosiphonia          | ZM647 |
| <i>reducta</i> , Neocyclopina             | R658  | Reptadeonella                              | Y399  |
| <i>reducta</i> , Nitokra                  | R1326 | <i>reptans</i> , Chilionema                | ZR171 |
| <i>reducta</i> , Pomponema                | HD289 | <i>reptans</i> , Heterostigma              | ZD143 |
| <i>reducta</i> , Pseudameira              | R1351 | <i>reptans</i> , Scrupocellaria            | Y276  |
| <i>reducta</i> , Rhizothrix               | R1626 | REPTILIA                                   | ZI1   |
| <i>reductum</i> listensis, Ectinosoma     | R842  | <i>resima</i> , Brachydiastylis            | S1246 |
| <i>reductum</i> , Ectinosoma              | R841  | Reteporella                                | Y522  |
| <i>reductum</i> , Microarthridion         | R947  | <i>Reticularia</i>                         | D383  |
| <i>reductus</i> , Apodopsyllus            | R1389 | <i>reticulata</i> , <i>Alvania</i>         | W338  |
| <i>reductus</i> , Leptopsyllus            | R1408 | <i>reticulata</i> , <i>Emarginula</i>      | W106  |
| <i>reductus</i> , Stylicletodes           | R1584 | <i>reticulata</i> , <i>Harmothoe</i>       | P65   |

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|----------------------------------|--------------|------------------------------------|--------------|
| reticulata, Harmothoe            | P73          | Rhodella                           | ZM23         |
| reticulata, Hinia                | W745         | Rhodine                            | P989         |
| reticulata, Peracla              | W1198        | Rhodinicola                        | R1943        |
| <i>reticulata, Peraclis</i>      | <i>W1198</i> | rhodinicola, Loxosoma              | K11          |
| <i>reticulata, Philbertia</i>    | <i>W860</i>  | Rhodiniinae                        | P988         |
| reticulata, Smittoidea           | Y463         | Rhodomela                          | ZM689        |
| reticulata, Tisbe                | R1001        | Rhodomelaceae                      | ZM621        |
| <i>Reticulated Dragonet</i>      | <i>ZG454</i> | RHODOPHYCEAE                       | ZM2          |
| reticulatum, Bittium             | W263         | RHODOPHYCOTA                       | ZM1          |
| reticulatum, Colacodictyon       | ZM9          | Rhodophyllis                       | ZM323        |
| reticulatus, Callionymus         | ZG454        | Rhodophysema                       | ZM176        |
| reticulatus, Copidognathus       | Q106         | Rhodophysemataceae                 | ZM171        |
| <i>reticulatus, Halichondria</i> | <i>C655</i>  | Rhodostethia                       | ZJ321        |
| <i>reticulatus, Nassarius</i>    | <i>W745</i>  | rhodostigma, Copidognathus         | Q107         |
| reticulatus, Thaumaleus          | R2394        | Rhodothamniella                    | ZM182        |
| reticulatus, Zygomitus           | ZS140        | Rhodothamniellaceae                | ZM180        |
| reticulum, Conopeum              | Y172         | Rhodymenia                         | ZM462        |
| retifera, Mycale                 | C731         | Rhodymeniaceae                     | ZM459        |
| retroflexa, Cladophora           | ZS211        | rhodymeniae, Thalestris            | R1081        |
| retroflexa, Sahnicythere         | R2633        | RHODYMENIALES                      | ZM444        |
| retroversa, Limacina             | W1169        | Rhombognathides                    | Q67          |
| <i>retroversa, Spiratella</i>    | <i>W1169</i> | Rhombognathinae                    | Q57          |
| Retusa                           | W1074        | Rhombognathus                      | Q73          |
| retusa, Terebratulina            | X29          | rhomboidea, Loxoconcha             | R2622        |
| RETUSACEA                        | W1072        | Rhomboidella                       | W1723        |
| Retusidae                        | W1073        | rhomboides, Goneplax               | S1606        |
| reynaudii, Alciopa               | P198         | <i>rhomboides, Paphia</i>          | <i>W2113</i> |
| reynoldsoni, Lumbricillus        | P1554        | rhomboides, Venerupis              | W2113        |
| Rhabderemia                      | C1347        | <i>rhomboides, Venerupis</i>       | <i>W2113</i> |
| Rhabderemiidae                   | C1345        | rhombus, Scopthalmus               | ZG556        |
| RHABDITIDA                       | HD629        | rhombus, Thysanoteuthis            | W2379        |
| Rhabditidae                      | HD630        | Rhopalomenia                       | W39          |
| Rhabditis                        | HD631        | Rhopalomeniidae                    | W38          |
| Rhabdocoma                       | HD171        | Rhopalonema                        | D564         |
| Rhabdodemia                      | HD165        | Rhopalonematidae                   | D563         |
| Rhabdodemaniidae                 | HD164        | <i>rhopalophora, Rhaphidotheca</i> | <i>C747</i>  |
| Rhabdomolgus                     | ZB306        | Rhopalura                          | B18          |
| Rhabdopleura                     | ZC5          | Rhopaluridae                       | B17          |
| RHABDOPLEURIDA                   | ZC3          | Rhyacodrilinae                     | P1426        |
| Rhabdopleuridae                  | ZC4          | RHYNCHOBDELLIDA                    | P1580        |
| Rhamphobranchium                 | P551         | Rhynchodemidae                     | F52          |
| <i>Rhaphidophylus</i>            | <i>C1116</i> | Rhynchodemus                       | F53          |
| Rhaphidostyla                    | C677         | Rhyncholagena                      | R1228        |
| Rhaphidotheca                    | C746         | Rhynchomolgidae                    | R1797        |
| Rhaphidrilinae                   | P854         | Rhynchomyzon                       | R2091        |
| rhea, Pseudobradya               | R914         | RHYNCHONELLACEA                    | X11          |
| Rhinocalanus                     | R396         | RHYNCHONELLIDA                     | X10          |
| Rhinodiaphana                    | W1062        | Rhynchonereella                    | P205         |
| Rhinomolgus                      | R1986        | Rhynchothalestrinae                | R1083        |
| Rhinonemus                       | ZG139        | Rhynchothalestris                  | R1084        |
| Rhips                            | HD209        | Rhynchozoon                        | Y532         |
| Rhithropanopeus                  | S1616        | <i>Ribbon-fish</i>                 | <i>ZG219</i> |
| Rhizocaulus                      | D498         | richardi, Actinauge                | D739         |
| RHIZOCEPHALA                     | R91          | richardi, Bathycalanus             | R353         |
| Rhizoclonium                     | ZS217        | <i>richardi, Opalia</i>            | <i>W571</i>  |
| Rhizocrinus                      | ZB5          | richardi, Parartotrogus            | R2126        |
| <i>rhizodes, Stilophora</i>      | <i>ZR263</i> | <i>richardi, Turriscala</i>        | <i>W571</i>  |
| rhizophorum, Ulonema             | ZR130        | richardii, Cyphocaris              | S287         |
| rhizopus, Blastophysa            | ZS242        | Richtersia                         | HD338        |
| Rhizorhina                       | R2147        | ridibundus, Larus                  | ZJ317        |
| Rhizorus                         | W1088        | <i>ridley, Kemp's</i>              | <i>Z110</i>  |
| Rhizostoma                       | D51          | riedli, Xenodasys                  | HB12         |
| Rhizostomatidae                  | D50          | riemanni, Chaetonema               | HD45         |
| RHIZOSTOMEA                      | D49          | riemanni, Paramonohystera          | HD544        |
| Rhizothrix                       | R1622        | riemanni, Rhabdocoma               | HD172        |
| Rhizotrichidae                   | R1621        | riemanni, Synonchiella             | HD337        |

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| riemanni, <i>Xyala</i>                 | HD550 | robusta, <i>Phakellia</i>                         | C573  |
| <i>Right Whale, Biscayan</i>           | ZK73  | robusta, <i>Pleuromamma</i>                       | R282  |
| <i>Right Whale, Black</i>              | ZK73  | <i>robusta, Polymastia</i>                        | C358  |
| <i>Right Whale, North Atlantic</i>     | ZK73  | robusta, <i>Pseudobradya</i>                      | R915  |
| rigida, <i>Amphiroa</i>                | ZM197 | robustidens, <i>Microlaimus</i>                   | HD408 |
| rigida, <i>Leptognathia</i>            | S1136 | robustior, <i>Neocalanus</i>                      | R369  |
| rigida, <i>Stelligera</i>              | C456  | <i>robustum, ?Halecium</i>                        | D394  |
| <i>rigida, Stelligera</i>              | C456  | robustum, <i>Peltidium</i>                        | R1044 |
| rigida, <i>Ulva</i>                    | ZS182 | robustus, <i>Dendronotus</i>                      | W1268 |
| rigidula, <i>Sphacelaria</i>           | ZR300 | robustus, <i>Halichoanolaimus</i>                 | HD335 |
| rigidus, <i>Thaumaleus</i>             | R2395 | robustus, <i>Heterorhabdus</i>                    | R242  |
| <i>rigidus, Vibulinus</i>              | C456  | robustus, <i>Mesocletodes</i>                     | R1662 |
| riisei, <i>Brachioteuthis</i>          | W2364 | robustus, <i>Scaphocalanus</i>                    | R599  |
| rimicola, <i>Nephasoma</i>             | N26   | robustus, <i>Sergia</i>                           | S1291 |
| rimosa, <i>Pilinia</i>                 | ZS103 | rochei, <i>Auxis</i>                              | ZG500 |
| <i>Ring-billed Gull</i>                | ZJ306 | Rochinia  | S1541 |
| <i>Ringed Plover</i>                   | ZJ207 | Rocinela  | S820  |
| <i>Ringed Plover, Little</i>           | ZJ206 | <i>Rock Cook</i>                                  | ZG390 |
| <i>Ringed Seal</i>                     | ZK12  | <i>Rock Goby</i>                                  | ZG468 |
| ringens, <i>Megapora</i>               | Y230  | rockalliensis, <i>Micrura</i>                     | G66   |
| ringens, <i>Ovatella myosotis</i> var. | W1512 | <i>Rockling, Arctic</i>                           | ZG131 |
| ringens, <i>Scymnodon</i>              | ZF62  | <i>Rockling, Big-eyed</i>                         | ZG107 |
| <i>Ring-necked Duck</i>                | ZJ115 | <i>Rockling, Five-bearded</i>                     | ZG111 |
| riparium, <i>Rhizoclonium</i>          | ZS218 | <i>Rockling, Four-bearded</i>                     | ZG140 |
| <i>riparium, Rhizoclonium</i>          | ZS218 | <i>Rockling, Northern</i>                         | ZG112 |
| Riseriellus                            | G71   | <i>Rockling, Shore</i>                            | ZG118 |
| Rissa                                  | ZJ323 | <i>Rockling, Silvery</i>                          | ZG131 |
| RISSOACEA                              | W319  | <i>Rockling, Three-bearded</i>                    | ZG119 |
| Rissoella                              | W889  | rodriguezii, <i>Septosaccus</i>                   | R106  |
| RISSOELLACEA                           | W887  | roetae, <i>Alteutha</i>                           | R1039 |
| Rissoellidae                           | W888  | roffensis, <i>Macarorchestia remyi</i>            | S230  |
| Rissoidae                              | W324  | <i>Roker</i>                                      | ZF89  |
| Rissoides                              | S17   | Romancheinidae                                    | Y353  |
| <i>rissoides, Brachystomia</i>         | W925  | romettensis, <i>Cirsonella</i>                    | W201  |
| <i>rissoides, Odostomia</i>            | W925  | <i>romettensis, Tharsiella</i>                    | W201  |
| Rissoinae                              | W325  | romijni, <i>Alkmaria</i>                          | P1127 |
| <i>Risso's Dolphin</i>                 | ZK37  | rondeletii, <i>Sepiola</i>                        | W2325 |
| <i>Risso's Smooth-head</i>             | ZG62  | <i>rondeletti, Cribrina</i>                       | D741  |
| Rissoa                                 | W326  | <i>rondeletti, Sepiola</i>                        | W2329 |
| <i>ritteri, Lumbricillus</i>           | P1552 | <i>Rorqual, Common</i>                            | ZK68  |
| Ritteriella                            | ZD206 | Rosacea   | D85   |
| rivalis, <i>Lumbricillus</i>           | P1555 | rosacea, <i>Aega</i>                              | S817  |
| rivoliana, <i>Seriola</i>              | ZG334 | rosacea, <i>Diphasia</i>                          | D420  |
| rivulariae, <i>Myriactula</i>          | ZR254 | <i>rosacea, Mitrella</i>                          | W756  |
| Robertgurneya                          | R1232 | rosacea, <i>Myxilla</i>                           | C1088 |
| roberti, <i>Aricidea</i>               | P681  | rosacea, <i>Myxilla</i> cf.                       | C1081 |
| robertianae, <i>Tetrastemma</i>        | G133  | rosacea, <i>Ragionula</i>                         | Y352  |
| roberti-lamii, <i>Enteromorpha</i>     | ZS168 | rosanoffii, <i>Pneophyllum</i>                    | ZM262 |
| robertsoni, <i>Bonnyannella</i>        | R2606 | <i>rosanoffii, Pneophyllum</i>                    | ZM262 |
| robertsoni, <i>Scottopsyllus</i>       | R1424 | roscoffense, <i>Pseudolithoderma</i>              | ZR102 |
| robertsoni, <i>Sophrosyne</i>          | S334  | roscoffensis, <i>Diarthrodes</i>                  | R1110 |
| Robertsonia                            | R1243 | roscoffensis, <i>Enteropsis</i>                   | R754  |
| Robertsonites                          | R2678 | roscoffensis, <i>Gonimocolax</i>                  | ZM602 |
| robinhoodi, <i>Paradoxostoma</i>       | R2657 | roscoffensis, <i>Grania</i>                       | P1529 |
| <i>robinsoni, Bythocythere</i>         | R2475 | roscoffensis, <i>Metacyclopsina</i>               | R654  |
| robinsoni, <i>Bythocythere</i>         | R2478 | roscoffensis, <i>Ophelia</i>                      | P1004 |
| robusta, <i>Clymene</i>                | P967  | roscoffensis, <i>Porcellidium lecanoides</i> var. | R1030 |
| <i>robusta, Danielssenia</i>           | R1592 | <i>roscoffensis, Urodasys</i>                     | HB44  |
| robusta, <i>Euryte</i>                 | R672  | roscovita, <i>Dactylopodola</i>                   | HB7   |
| robusta, <i>Fladenia</i>               | R1592 | roscovita, <i>Mesonerilla</i>                     | P1039 |
| robusta, <i>Heteroclymene</i>          | P967  | roscovita, <i>Monstrilla</i>                      | R2384 |
| robusta, <i>Hyalinoecia</i>            | P541  | roscovita, <i>Pseudostomella</i>                  | HB70  |
| robusta, <i>Metopa</i>                 | S200  | roscovita, <i>Thyone</i>                          | ZB264 |
| robusta, <i>Nemesis</i>                | R2279 | rosea, <i>Anaitides</i>                           | P146  |
| robusta, <i>Oceanapia</i>              | C1493 | <i>rosea, Anaitides</i>                           | P147  |
| robusta, <i>Ophiura</i>                | ZB171 | <i>rosea, Anaitis</i>                             | P146  |



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| rosea, <i>Aplysilla</i>                      | C1649 | <i>rough-shark, Sailfin</i>            | ZF49  |
| rosea, <i>Ascidicola</i>                     | R732  | <i>Roughsnout Rat-tail</i>             | ZG167 |
| rosea, <i>Crella</i>                         | C775  | <i>Round Skate</i>                     | ZF91  |
| rosea, <i>Distaplia</i>                      | ZD13  | <i>Roundhead Rat-tail</i>              | ZG157 |
| rosea, <i>Emarginula</i>                     | W107  | <i>Rout, Bull</i>                      | ZG281 |
| rosea, <i>Euchone</i>                        | P1281 | rouxii, <i>Glycera</i>                 | P263  |
| rosea, <i>Gyptis</i>                         | P301  | Roxania                                | W1021 |
| rosea, <i>Haliclona</i>                      | C1429 | <i>Royal Tern</i>                      | ZJ344 |
| rosea, <i>Haplognathia</i>                   | IA6   | rubella, <i>Aglaophamus</i>            | P493  |
| rosea, <i>Hemilamprops</i>                   | S1240 | <i>rubella, Nephthys</i>               | P493  |
| rosea, <i>Magelona</i>                       | P804  | rubens, <i>Asterias</i>                | ZB100 |
| rosea, <i>Microsetella</i>                   | R894  | <i>rubens, Asterias</i>                | ZB102 |
| rosea, <i>Rhodostethia</i>                   | ZJ322 | rubens, <i>Brachionis</i>              | HA13  |
| rosea, <i>Sagartia</i>                       | D713  | rubens, <i>Jania</i>                   | ZM220 |
| rosea, <i>Stichastrella</i>                  | ZB98  | rubens, <i>Phycodrys</i>               | ZM616 |
| rosea, <i>Yvesia</i>                         | C775  | rubens, <i>Xestoleberis</i>            | R2686 |
| <i>Roseate Tern</i>                          | ZJ340 | ruber, <i>Botryllophilus</i>           | R773  |
| <i>Rosenvingiella</i>                        | ZS30  | ruber, <i>Callanthias</i>              | ZG305 |
| <i>rosepigmentata, Pileolaria</i>            | P1386 | <i>ruber, Lineus</i>                   | B27   |
| roseum, <i>Aglaothamnion</i>                 | ZM483 | ruber, <i>Lineus</i>                   | G55   |
| roseum, <i>Sarcodictyon</i>                  | D593  | <i>ruber, Lineus</i>                   | G55   |
| roseus, <i>Cerebratulus</i>                  | G44   | ruber, <i>Platydasys</i>               | HB68  |
| <i>roseus, Filibranchus</i>                  | P1178 | ruber, <i>Rhabdomolgus</i>             | ZB307 |
| roseus, <i>Mychophilus</i>                   | R756  | ruber, <i>Saccoglossus</i>             | ZC21  |
| roseus, <i>Trichobranchus</i>                | P1178 | ruberrima, <i>Haplognathia</i>         | IA7   |
| roseus, <i>Trichoniscus</i>                  | S1071 | rubescens, <i>Cepola</i>               | ZG377 |
| rosmarus, <i>Odobenus</i>                    | ZK8   | rubescens, <i>Cuthona</i>              | W1440 |
| Rosseliana                                   | Y290  | rubicunda, <i>Campylaspis</i>          | S1220 |
| rosselii, <i>Rosseliana</i>                  | Y291  | rubicunda, <i>Pareuchaeta</i>          | R506  |
| Rossia                                       | W2311 | rubicundum, <i>Enalcyonium</i>         | R2050 |
| Rossiinae                                    | W2310 | rubicundum, <i>Pleurogonium</i>        | S915  |
| <i>Ross's Gull</i>                           | ZJ322 | <i>rubidus, Lumbricillus</i>           | P1543 |
| Rostanga                                     | W1368 | <i>rubiginosa, Genetyllis</i>          | P171  |
| Rostangidae                                  | W1367 | <i>rubiginosa, Nereiphylla</i>         | P171  |
| rostellatus, <i>Syngnathus</i>               | ZG246 | <i>rubiginosa, Phyllodoce</i>          | P171  |
| <i>rostralis, Spiratella</i>                 | W1174 | <i>rubra, Barleeia</i>                 | W323  |
| rostrata, <i>Aetideopsis</i>                 | R431  | rubra, <i>Hildenbrandia</i>            | ZM192 |
| rostrata, <i>Clytemnestra</i>                | R1047 | rubra, <i>Lamippe</i>                  | R2052 |
| rostrata, <i>Corycella</i>                   | R2001 | <i>rubra, Lasaea</i>                   | W1880 |
| rostrata, <i>Cuspidaria</i>                  | W2286 | rubra, <i>Oscarella</i>                | C164  |
| rostrata, <i>Dactylopodella</i>              | R1118 | rubra, <i>Pandea</i>                   | D245  |
| rostrata, <i>Euchirella</i>                  | R460  | rubra, <i>Perkinsiana</i>              | P1307 |
| rostrata, <i>Herrmannella</i>                | R1833 | rubra, <i>Peyssonnelia</i>             | ZM389 |
| rostrata, <i>Macropodia</i>                  | S1532 | rubra, <i>Rostanga</i>                 | W1369 |
| rostrata, <i>Neobrachiella</i>               | R2357 | rubra, <i>Suberites</i>                | C425  |
| rostrata, <i>Robertgurneya</i>               | R1239 | rubra, <i>Tonicella</i>                | W82   |
| rostratus, <i>Alepocephalus</i>              | ZG62  | rubricata, <i>Ampithoe</i>             | S534  |
| rosulata, <i>Audouinella</i>                 | ZM111 | rubicornis, <i>Erichthonius</i>        | S565  |
| rota, <i>Ammonicerina</i>                    | W904  | rubripes, <i>Anas</i>                  | ZJ104 |
| rotalis, <i>Mycale</i>                       | C732  | rubrocincta, <i>Cestoplana</i>         | F97   |
| ROTIFERA                                     | HA1   | <i>rubrocincta, Chone</i>              | P1280 |
| rotunda, <i>Modeeria</i>                     | D306  | rubrocincta, <i>Euchone</i>            | P1280 |
| rotundata var. <i>eddystonia, Diplodonta</i> | W1865 | rubrolineatus, <i>Autolytus</i>        | P446  |
| rotundata, <i>Diplodonta</i>                 | W1864 | rubroniveus, <i>Monopylephorus</i>     | P1430 |
| rotundata, <i>Sphaeronella</i>               | R2167 | <i>rubropharyngeus, Protodrilus</i>    | P1073 |
| rotundata, <i>Ulva</i>                       | ZS183 | <i>rubropharyngeus, Protodrilus</i>    | P1080 |
| rotundatum, <i>Choniostoma</i>               | R2139 | rubropunctatus, <i>Autolytus</i>       | P447  |
| rotundatus, <i>Atelecyclus</i>               | S1555 | rubrovittata, <i>Dorvillea</i>         | P608  |
| rotundipes, <i>Cyclopina</i>                 | R643  | rubrovittata, <i>Stenula</i>           | S219  |
| rotundus, <i>Polydus</i>                     | ZM417 | <i>rubrum, Ceramium</i>                | ZM519 |
| <i>Rough Dab, Long</i>                       | ZG568 | <i>rubrum, Nymphon</i>                 | Q5    |
| <i>Rough Pomfret</i>                         | ZG345 | <i>Ruddy Shelduck</i>                  | ZJ155 |
| <i>Rough Rat-tail</i>                        | ZG161 | <i>Ruddy Turnstone</i>                 | ZJ227 |
| <i>Rough Trigger-fish</i>                    | ZG600 | <i>Rudicardium</i>                     | W1945 |
| <i>Rough-fish</i>                            | ZG205 | rudis, <i>Littorina saxatilis</i> var. | W307  |
| <i>Rough-shark, Angular</i>                  | ZF48  | <i>Ruditapes</i>                       | W2114 |

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|--------------------------------------|-------|--|------------|
| rudjakovi, <i>Sclerochilus</i>       | R2492 | <b>sabatieri, Phoronis</b>               | <b>ZA8</b> |
| rudolphi, <i>Schistomeringos</i>     | P643  | Sabatieria                               | HD254      |
| rufa, <i>Lora</i>                    | W819  | Sabella                                  | P1317      |
| rufa, <i>Micrella</i>                | G58   | sabella, <i>Fabricia</i>                 | P1283      |
| rufa, <i>Oenopota</i>                | W819  | Sabellaria                               | P1115      |
| rufa, <i>Turbonilla</i>              | W985  | Sabellariidae                            | P1112      |
| rufescens, <i>Notodelphys</i>        | R713  | SABELLIDA                                | P1256      |
| rufescens, <i>Rostanga</i>           | W1369 | Sabellidae                               | P1257      |
| rufescens, <i>Turbonilla</i>         | W979  | Sabellides                               | P1158      |
| Ruff                                 | ZJ276 | Sabelliphilidae                          | R1811      |
| rufibranchialis, <i>Coryphella</i>   | W1422 | Sabelliphilus                            | R1819      |
| ruficollis, <i>Branta</i>            | ZJ124 | sabelum, <i>Lar</i>                      | D525       |
| ruficollis, <i>Calidris</i>          | ZJ244 | Sabine's Gull                            | ZJ318      |
| ruficollis, <i>Tachybaptus</i>       | ZJ19  | Sabinea                                  | S1394      |
| rufifrons, <i>Cephalothrix</i>       | G11   | sabini, <i>Colus</i>                     | W719       |
| rufilabrum, <i>Rissoa lilacina</i>   | W332  | sabini, <i>Larus</i>                     | ZJ318      |
| rufilabrum, <i>Rissoa lilacina</i>   | W332  | sabulicolus, <i>Eumorpholaimus</i>       | HD572      |
| rufina, <i>Netta</i>                 | ZJ148 | sabulosus, <i>Diodontolaimus</i>         | HD428      |
| rufobrunnea, <i>Crossota</i>         | D572  | Sabussovia                               | F11        |
| rufocincta, <i>Ambunguipes</i>       | R1134 | saccharina, <i>Laminaria</i>             | ZR354      |
| rufocincta, <i>Rhynchothalestris</i> | R1086 | Saccocirridae                            | P1085      |
| rufoviolascens, <i>Thalestris</i>    | R1082 | Saccocirrus                              | P1086      |
| rufum, <i>Sigmophoranema</i>         | HD368 | Saccoglossus                             | ZC18       |
| rugicauda, <i>Sphaeroma</i>          | S871  | Saccorhiza                               | ZR358      |
| rugosa, <i>Axinella</i>              | C574  | sacculata, <i>Eugomontia</i>             | ZS55       |
| rugosa, <i>Clavellodes</i>           | R2345 | sacculiforme, <i>Encentrum</i>           | HA62       |
| rugosa, <i>Diastylis</i>             | S1254 | Sacculina                                | R120       |
| rugosa, <i>Galeodea</i>              | W505  | Sacculinidae                             | R117       |
| rugosa, <i>Golfingia</i>             | N15   | Sacodiscus                               | R976       |
| rugosa, <i>Hiatella</i>              | W2166 | SACOGLOSSA                               | W1113      |
| rugosa, <i>Munida</i>                | S1478 | saeroensis, <i>Trichoniscoides</i>       | S1066      |
| rugosa, <i>Munida</i>                | S1479 | Sagartia                                 | D712       |
| rugosa, <i>Phakellia</i>             | C574  | Sagartiidae                              | D711       |
| rugosa, <i>Sertularella</i>          | D431  | Sagartiogeton                            | D720       |
| rugosum, <i>Amphinema</i>            | D232  | Saginatocythere                          | R2625      |
| rugosus, <i>Dictyocylindricus</i>    | C574  | Sagitella                                | P234       |
| rugosus, <i>Laxosuberites</i>        | C397  | Sagitta                                  | L11        |
| Rugulina                             | W206  | sagittarius, <i>Onyx</i>                 | HD365      |
| rugulosa, <i>Cythara</i>             | W805  | sagittata, <i>Ceratocymba</i>            | D131       |
| rugulosa, <i>Cytherea</i>            | W805  | Sagittatus                               | W2373      |
| rugulosa, <i>Mangelia</i>            | W805  | sagittatus, <i>Sagittatus</i>            | W2373      |
| rugulosum, <i>Phymatolithon</i>      | ZM257 | sagittatus, <i>Todarodes</i>             | W2373      |
| Runcina                              | W1093 | sagittifer, <i>Periclimenes</i>          | S1324      |
| RUNCINACEA                           | W1090 | Sahlingia                                | ZM47       |
| runcinata, <i>Costa</i>              | R2673 | Sahncythere                              | R2632      |
| Runcinidae                           | W1091 | Sailfin rough-shark                      | ZF49       |
| Runcininae                           | W1092 | Sailfish                                 | ZG522      |
| rupestris, <i>Cladophora</i>         | ZS212 | saintjosephi, <i>Polydora</i>            | P750       |
| rupestris, <i>Coryphaenoides</i>     | ZG157 | saintjosephi, <i>Polydora</i>            | P761       |
| rupestris, <i>Ctenolabrus</i>        | ZG397 | Saithe                                   | ZG136      |
| rupestris, <i>Spirorbis</i>          | P1395 | Salacia                                  | D441       |
| ruperti, <i>Ichthydium</i>           | HB170 | salar, <i>Salmo</i>                      | ZG50       |
| ruscifolium, <i>Apoglossum</i>       | ZM586 | sali, <i>Sapphirina</i>                  | R1910      |
| rustadi, <i>Stephos</i>              | R518  | salicensis, <i>Neilonella pusio</i> var. | W1642      |
| rustica, <i>Ascidia</i>              | ZD116 | salicornioides, <i>Cellaria</i>          | Y301       |
| rustica, <i>Polycarpa</i>            | ZD116 | salina, <i>Heterocypris</i>              | R2471      |
| rustica, <i>Styela</i>               | ZD116 | salina, <i>Pirulina</i>                  | ZS105      |
| rusticola, <i>Scolopax</i>           | ZJ278 | salinus, <i>Gammarus</i>                 | S481       |
| ruthorum, <i>Haloschizopera</i>      | R1195 | Salmacina                                | P1360      |
| Ruvettus                             | ZG487 | Salmincola                               | R2364      |
| ryderi, <i>Microhydra</i>            | D534  | Salmo                                    | ZG49       |
| ryforsi, <i>Hemicervinia</i>         | R814  | Salmon                                   | ZG50       |
| rylandi, <i>Callopora</i>            | Y206  | Salmon, <i>Coho</i>                      | ZG48       |
| Rytiphlaea                           | ZM692 | Salmon, <i>Humpback</i>                  | ZG47       |
|                                      |       | salmonacea, <i>Coryphella</i>            | W1421      |
|                                      |       | salmonacea, <i>Flabellina</i>            | W1421      |

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| salmoneus, Salmincola           | R2366 | sanguinea, Schizobrachiella                | Y433  |
| Salmonidae                      | ZG43  | <i>sanguineus</i> , <i>Lineus</i>          | B27   |
| SALMONIFORMES                   | ZG42  | <i>sanguineus</i> , <i>Lineus</i>          | G55   |
| salmonis, Lepeophtheirus        | R2226 | sanguineus, Myoisophagos                   | G70   |
| Salpa                           | ZD194 | sanguinolenta, Henricia                    | ZB86  |
| salpa, Sarpa                    | ZG359 | sanguinolentus, Oligocladus                | F112  |
| SALPIDA                         | ZD183 | Sanguinothus                               | P1616 |
| Salpidae                        | ZD184 | sannio, Amphichaeta                        | P1407 |
| Salpinae                        | ZD193 | sapidus, Callinectes                       | S1572 |
| salpinx, Haliclystus            | D12   | Sapphirina                                 | R1904 |
| saltans, Loxosoma               | K12   | Sapphirinidae                              | R1899 |
| saltator, Talitrus              | S241  | Sarcodictyon                               | D592  |
| saltatrix, Pomatomus            | ZG321 | Sarda                                      | ZG507 |
| salvatoris, Portunio            | S1047 | sarda, Sarda                               | ZG508 |
| samoense, Hydrolithon           | ZM215 | Sardina                                    | ZG35  |
| Samytha                         | P1162 | <i>Sardine</i>                             | ZG36  |
| Samythella                      | P1164 | Sareptidae                                 | W1608 |
| sanctae-joannis, Enteromorpha   | ZS169 | Sargassaceae                               | ZR390 |
| sanctae-mariae, Audouinella     | ZM112 | sargassi, Hydrolithon                      | ZM216 |
| sanctigoulvini, Xenodasys       | HB13  | <i>sargassicola</i> , <i>Corambe</i>       | W1296 |
| sansus, Gastosaccus             | S43   | Sargassum                                  | ZR391 |
| <i>Sand Goby</i>                | ZG479 | sarniense, Paradoxostoma                   | R2658 |
| <i>Sand Plover, Greater</i>     | ZJ208 | <i>sarniense</i> , <i>Antithamnionella</i> | ZM498 |
| <i>Sand Sole</i>                | ZG590 | sarniense, Glossobalanus                   | ZC29  |
| <i>Sand-eel</i>                 | ZG444 | sarniense, Plagioecia                      | Y42   |
| <i>Sand-eel, Corbin's</i>       | ZG448 | sarniense, Schizomavella                   | Y476  |
| <i>Sand-eel, Greater</i>        | ZG449 | Sarpa                                      | ZG358 |
| <i>Sand-eel, Raitt's</i>        | ZG443 | <i>Sar's Eelpout</i>                       | ZG432 |
| <i>Sand-eel, Smooth</i>         | ZG446 | Sarsameira                                 | R1360 |
| <i>Sanderling</i>               | ZJ232 | Sarsarietellus                             | R223  |
| <i>Sandpiper, Baird's</i>       | ZJ234 | <i>sarsi abyssorum</i> , <i>Colus</i>      | W729  |
| <i>Sandpiper, Broad-billed</i>  | ZJ254 | <i>sarsi</i> , <i>Acidostoma</i>           | S274  |
| <i>Sandpiper, Buff-breasted</i> | ZJ291 | <i>sarsi</i> , <i>Aclis</i>                | W592  |
| <i>Sandpiper, Common</i>        | ZJ224 | <i>sarsi</i> , <i>Ammotrypane</i>          | P1016 |
| <i>Sandpiper, Curlew</i>        | ZJ236 | <i>sarsi</i> , <i>Ampelisca</i>            | S435  |
| <i>Sandpiper, Green</i>         | ZJ286 | <i>sarsi</i> , <i>Anonyx</i>               | S280  |
| <i>Sandpiper, Least</i>         | ZJ242 | <i>sarsi</i> , <i>Antinoella</i>           | P39   |
| <i>Sandpiper, Marsh</i>         | ZJ288 | <i>sarsi</i> , <i>Arachnanthus</i>         | D641  |
| <i>Sandpiper, Pectoral</i>      | ZJ240 | <i>sarsi</i> , <i>Bathyporeia</i>          | S458  |
| <i>Sandpiper, Purple</i>        | ZJ238 | <i>sarsi</i> , <i>Chaetopterus</i>         | P813  |
| <i>Sandpiper, Semipalmated</i>  | ZJ243 | <i>sarsi</i> , <i>Chrysallida</i>          | W930  |
| <i>Sandpiper, Sharp-tailed</i>  | ZJ231 | <i>sarsi</i> , <i>Clytia</i>               | D502  |
| <i>Sandpiper, Solitary</i>      | ZJ287 | <i>sarsi</i> , <i>Enhydrosoma</i>          | R1578 |
| <i>Sandpiper, Spotted</i>       | ZJ225 | <i>sarsi</i> , <i>Gitana</i>               | S164  |
| <i>Sandpiper, Stilt</i>         | ZJ265 | <i>sarsi</i> , <i>Halectinosoma</i>        | R874  |
| <i>Sandpiper, Terek</i>         | ZJ293 | <i>sarsi</i> , <i>Harmothoe sarsi</i>      | P39   |
| <i>Sandpiper, Upland</i>        | ZJ229 | <i>sarsi</i> , <i>Laonice</i>              | P735  |
| <i>Sandpiper, Western</i>       | ZJ239 | <i>sarsi</i> , <i>Luidia</i>               | ZB23  |
| <i>Sandpiper, White-rumped</i>  | ZJ237 | <i>sarsi</i> , <i>Maldane</i>              | P950  |
| <i>Sandpiper, Wood</i>          | ZJ283 | <i>sarsi</i> , <i>Monstrillopsis</i>       | R2388 |
| sandriana, Hincksia             | ZR43  | <i>sarsi</i> , <i>Munida</i>               | S1479 |
| <i>Sand-smelt</i>               | ZG194 | <i>sarsi</i> , <i>Ophiura</i>              | ZB172 |
| <i>Sand-Smelt, Big-eyed</i>     | ZG193 | <i>sarsi</i> , <i>Orthopsyllus</i>         | R1498 |
| sandvicensis, Sterna            | ZJ346 | <i>sarsi</i> , <i>Pareuchaeta</i>          | R507  |
| <i>Sandwich Tern</i>            | ZJ346 | <i>sarsi</i> , <i>Porcellidium</i>         | R1032 |
| <i>Sandy Ray</i>                | ZF88  | <i>sarsi promamme</i> , <i>Harmothoe</i>   | P38   |
| sanguinea, Aeolidiella          | W1488 | <i>sarsi</i> , <i>Pusillina</i>            | W377  |
| sanguinea, Capnea               | D692  | <i>sarsi</i> , <i>Rissoa</i>               | W377  |
| sanguinea, Delesseria           | ZM594 | <i>sarsi</i> , <i>Sabella</i>              | P1321 |
| sanguinea, Desmodora            | HD341 | <i>sarsi</i> , <i>Sabelliphilus</i>        | R1821 |
| sanguinea, Desmodora            | HD344 | <i>sarsi</i> , <i>Sabinea</i>              | S1395 |
| sanguinea, Eulalia              | P167  | <i>sarsi</i> , <i>Sabinea</i>              | S1395 |
| sanguinea, Eumida               | P167  | <i>sarsi</i> , <i>Sarsameira</i>           | R1368 |
| sanguinea, Geoplana             | F47   | <i>sarsi sarsi</i> , <i>Harmothoe</i>      | P39   |
| sanguinea, Hymeniacidon         | C669  | <i>sarsi</i> , <i>Tryphosa</i>             | S344  |
| sanguinea, Marphysa             | P566  | <i>sarsi</i> , <i>Tryphosella</i>          | S344  |

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| <i>sarsi</i> , <i>Turboella</i>                | W377  | Scalibregma                            | P1025 |
| Sarsia   | D180  | Scalibregmatidae                       | P1020 |
| sarsiae, Doto                                  | W1288 | Scapellidae                            | R17   |
| <i>sarsianum</i> , <i>Trachysma</i>            | W207  | Scapellum                              | R20   |
| Sarsicytheridea                                | R2513 | scapellum, Scapellum                   | R22   |
| Sarsiella                                      | R2433 | scampae, Graphonema                    | HD217 |
| Sarsiellidae                                   | R2430 | scandinavica, Ulva                     | ZS184 |
| Sarsiflustra                                   | Y197  | scandinavicus, Limnodriloides          | P1471 |
| <i>sarsii</i> , <i>Lima</i>                    | W1751 | scanica, Quadricoma                    | HD485 |
| <i>sarsii</i> , Limea                          | W1751 | scanicus, Metoncholaimus               | HD113 |
| <i>sarsii</i> , Lyncenchelys                   | ZG432 | scapae, Audouinella                    | ZM114 |
| <i>sarsii</i> , Myxicola                       | P1301 | Scaphander                             | W1017 |
| <i>sarsii</i> , <i>Notolimea</i>               | W1751 | Scaphandridae                          | W1016 |
| <i>sarsii</i> , <i>Sipho</i>                   | W729  | Scaphocalanus                          | R591  |
| <i>sarsii</i> , <i>Syncoryne</i>               | D189  | SCAPHOPODA                             | W1513 |
| Sarsinebalia                                   | S10   | Scaptognathus                          | Q132  |
| Sarsocletodes                                  | R1785 | <i>Scarlet and gold star-coral</i>     | D799  |
| <i>Sarsonuphis</i>                             | P548  | <i>scarratti</i> , <i>Cyatholaimus</i> | HD297 |
| satyrus, Tegastes                              | R1060 | <i>Scaup</i>                           | ZJ118 |
| <i>Saupe</i>                                   | ZG359 | <i>Scaup, Greater</i>                  | ZJ118 |
| saurus, Scomberesox                            | ZG189 | <i>Scaup, Lesser</i>                   | ZJ114 |
| Sauvageaugloia                                 | ZR229 | scaura, Loxosomella                    | K37   |
| sauvagei, Pseudanthessius                      | R1869 | scharffi, Microplana                   | F59   |
| saviana, Audouinella                           | ZM113 | Schedophilus                           | ZG533 |
| <i>savignyi</i> , <i>Leptocheilia</i>          | S1114 | scheibeli, Hastigerella                | R886  |
| <i>savignyi</i> , <i>Pyura</i>                 | ZD139 | Schimmelmanna                          | ZM355 |
| saxatilis, Littorina                           | W305  | Schistobrachia                         | R2368 |
| <i>saxatilis</i> , <i>Rissoa</i>               | W368  | Schistomeringos                        | P641  |
| <i>saxatilis tenebrosa</i> , Littorina         | W306  | Schistomysis                           | S85   |
| <i>saxatilis</i> var. <i>rudis</i> , Littorina | W307  | Schizasteridae                         | ZB214 |
| <i>saxatilis</i> , <i>Venerupis</i>            | W2124 | Schizobrachiella                       | Y432  |
| Saxicavella                                    | W2171 | Schizobrachium                         | W1219 |
| <i>saxicola</i> , <i>Aslia</i>                 | ZB278 | Schizomavella                          | Y467  |
| <i>saxicola</i> , <i>Cucumaria</i>             | ZB270 | Schizopera                             | R1249 |
| <i>saxicola</i> , <i>Demonax</i>               | P1275 | Schizoporella                          | Y423  |
| <i>saxicola</i> , <i>Pawsonia</i>              | ZB270 | schizoporellae, Leptoplana             | F83   |
| sayana, Lanceola                               | S701  | Schizoporellidae                       | Y422  |
| sayi, Neopanope                                | S1611 | SCHIZOPORELLOIDEA                      | Y405  |
| <i>Scabbardfish</i>                            | ZG495 | Schizotheca                            | Y528  |
| <i>Scabbardfish</i> , <i>Black</i>             | ZG491 | Schizothrix                            | R1523 |
| <i>Scabbardfish</i> , <i>Johnson's</i>         | ZG486 | Schizymenia                            | ZM419 |
| scaber, Asperococcus                           | ZR166 | Schizymeniaceae                        | ZM418 |
| scaber, Porcellio                              | S1093 | Schleschia                             | W1222 |
| scabra, Ascidiella                             | ZD85  | schlosseri, Botryllus                  | ZD126 |
| <i>scabra</i> , <i>Philine</i>                 | B23   | schmidtii, Esperlopsis                 | C761  |
| scabra, Philine                                | W1045 | <i>schmidtii</i> , <i>Tethea</i>       | C206  |
| scabra, Scrupocellaria                         | Y277  | Schmitzia                              | ZM299 |
| <i>scabridus</i> , <i>Lepidopleurus</i>        | W58   | Schmitziella                           | ZM123 |
| <i>scabridus</i> , Leptochiton                 | W58   | schneideri, Spirinia                   | HD353 |
| scabriuscula, Pseudobradya                     | R916  | schornikovi, Sclerochilus              | R2493 |
| scabrum, Bittium                               | W264  | Schottera                              | ZM411 |
| <i>scabrum</i> , <i>Cerastoderma</i>           | W1952 | schousboei, Leptosiphonia              | ZM645 |
| <i>scabrum</i> , Parvicardium                  | W1952 | schousboei, Thuretella                 | ZM358 |
| <i>Scad</i>                                    | ZG338 | schromi, Halichaetonotus               | HB157 |
| Scagelia                                       | ZM560 | schulzei, Halammohydra                 | D551  |
| <i>scahaeferi</i> , <i>Zaus</i>                | R971  | schulzei, Helgicirra                   | D373  |
| scalaris, Brachystomia                         | W925  | <i>schulzi</i> , <i>Desmodora</i>      | HD341 |
| scalaris, Odostomia                            | W925  | schulzi, Desmodora                     | HD346 |
| scalaris, <i>Turbonilla</i>                    | W978  | schulzi, Enoplus                       | HD12  |
| scalaris var. <i>nitida</i> , Brachystomia     | W926  | schulzianum, Dicyema                   | B6    |
| <i>scaldensis</i> , <i>Desmodora</i>           | HD341 | schuurmansstekhoveni, Hypodontolaimus  | HD235 |
| <i>scaldensis</i> , <i>Desmodora</i>           | HD345 | Sciaena                                | ZG368 |
| <i>Scaldfish</i>                               | ZG562 | Sciaenidae                             | ZG365 |
| <i>Scaldfish</i> , <i>Imperial</i>             | ZG561 | Sciaenophilus                          | R2231 |
| <i>Scaldfish</i> , <i>Thor's</i>               | ZG563 | sciaphilum, Haplopoma                  | Y491  |
| <i>Scale-rayed Wrasse</i>                      | ZG388 | scillae, Eulimella                     | W993  |

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| scilloniensis, Pareurystomina                 | HD146                 | <i>scotlandica</i> , <i>Bradylaimus</i>    | HD358 |
| scilloniensis, Tryphoema                      | R1632                 | <i>scotlandica</i> , <i>Metachromadora</i> | HD360 |
| Scina   | S685                  | <i>scotlandicus</i> , <i>Leptolaimus</i>   | HD434 |
| Scinaia                                       | ZM127                 | <i>scotti</i> , <i>Ameira</i>              | R1298 |
| Scinidae                                      | S682                  | <i>scotti</i> , <i>Bradya</i>              | R830  |
| SCINOIDEA                                     | S677                  | <i>scotti</i> , <i>Darcythompsonia</i>     | R931  |
| scintillans, Chondria                         | ZM633                 | <i>scotti</i> , <i>Haplostomides</i>       | R766  |
| Scissurella                                   | W94                   | <i>scotti</i> , <i>Heteranthessius</i>     | R1838 |
| Scissurellidae                                | W92                   | <i>scotti</i> , <i>Longipedia</i>          | R792  |
| SCLERACTINIA                                  | D776                  | <i>scotti</i> , <i>Pareuchaeta</i>         | R508  |
| Sclerocheilus                                 | P1028                 | <i>scotti</i> , <i>Stephos</i>             | R519  |
| Sclerochilus                                  | R2486                 | <i>scotti</i> , <i>Subulella</i>           | S1127 |
| Sclerodactylidae                              | ZB255                 | <i>scotti</i> , <i>Tetragoniceps</i>       | R1452 |
| Sclerolinidae                                 | M20                   | <i>Scottocalanus</i>                       | R610  |
| Sclerolinum                                   | M21                   | <i>Scottocheres</i>                        | R2093 |
| Scolanthus                                    | D770                  | <i>Scottomyzon</i>                         | R2095 |
| Scolecithricella                              | R600                  | <i>Scottopsyllus</i>                       | R1425 |
| Scolecithrix                                  | R607                  | <i>Scrobicularia</i>                       | W2067 |
| Scolecitrichidae                              | R573                  | <i>scrofa</i> , <i>Scorpaena</i>           | ZG254 |
| Scolelepis                                    | P777                  | <i>Scruparia</i>                           | Y160  |
| scolopaceus, Limnodromus                      | ZJ257                 | <i>Scrupariidae</i>                        | Y159  |
| scolopaceus, Nemichthys                       | ZG22                  | SCRUPARIINA                                | Y157  |
| Scolopacidae                                  | ZJ222                 | SCRUPARIOIDEA                              | Y158  |
| Scolopax                                      | ZJ277                 | <i>scrupea</i> , <i>Scrupocellaria</i>     | Y278  |
| scolopax, Macroramphosus                      | ZG234                 | <i>Scrupocellaria</i>                      | Y274  |
| scolopendrina, Polynoe                        | P84                   | <i>scruposa</i> , <i>Scrupocellaria</i>    | Y279  |
| <i>scoloplax</i> , <i>Trophon</i>             | W683                  | <i>scuba</i> , <i>Polycarpa</i>            | ZD116 |
| Scoloplos                                     | P671                  | <i>Sculpin</i> , <i>Moustache</i>          | ZG285 |
| Scomber                                       | ZG509                 | <i>Sculpin</i> , <i>Polar</i>              | ZG288 |
| Scomberesocidae                               | ZG187                 | <i>Sculpin</i> , <i>Two-horn</i>           | ZG277 |
| Scomberesox                                   | ZG188                 | <i>sculptimanus</i> , <i>Pagurus</i>       | S1461 |
| scombri, Clavellisa                           | R2341                 | <i>sculptus</i> , <i>Philoceras</i>        | S1389 |
| Scombridae                                    | ZG498                 | <i>scutata</i> , <i>Pringsheimiella</i>    | ZS108 |
| scombrus, Scomber                             | ZG511                 | <i>scutata</i> , <i>Pterotrachea</i>       | W527  |
| <i>scopa aequilobata</i> , <i>Lumbrineris</i> | P580                  | <i>scutata</i> , <i>Sternaspis</i>         | P901  |
| <i>scopa</i> , <i>Lumbrineris</i>             | P580                  | <i>scutatatum</i> , <i>Ophiocten</i>       | ZB167 |
| scoparia, Stytopcaulon                        | ZR307                 | <i>scutatus</i> , <i>Acontiophorus</i>     | R2069 |
| Scopelocheirus                                | S327                  | <i>scutellata</i> , <i>Clytemnestra</i>    | R1048 |
| Scophthalmidae                                | ZG546                 | <i>scutellata</i> , <i>Thia</i>            | S1559 |
| <i>Scophthalmus</i>                           | ZG554                 | <i>Scutellidium</i>                        | R979  |
| Scophthalmus                                  | ZG555                 | <i>scutellum</i> , <i>Actinema</i>         | ZR8   |
| scopifera, Augaptilina                        | R157                  | <i>Scutocyamus</i>                         | S673  |
| scopula, Solecurtus                           | W2054                 | <i>Scutopus</i>                            | W5    |
| scopularis, Pseudochirella                    | R484                  | <i>scutulata</i> , <i>Elachista</i>        | ZR90  |
| scopulorum, Polysiphonia                      | ZM676                 | <i>Scyliorhinidae</i>                      | ZF24  |
| Scorpaena                                     | ZG252                 | <i>Scyliorhinus</i>                        | ZF27  |
| Scorpaenidae                                  | ZG249                 | <i>Scyllaea</i>                            | W1260 |
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| scorpioides, Bodotria                         | S1197                 | <i>Scyllarus</i>                           | S1433 |
| scorpioides, Bostrychia                       | ZM626                 | <i>Scymnodon</i>                           | ZF61  |
| scorpioides, Lebetus                          | ZG473                 | <i>Scymnorhinus</i>                        | ZF55  |
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| <i>Scorpion-fish</i>                          | ZG254                 | <i>Scypha</i>                              | C131  |
| <i>Scorpion-fish</i> , <i>Small-scaled</i>    | ZG253                 | <i>Scypha</i>                              | C76   |
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| scotica, Micrura                              | G67                   | <i>sczelkowi</i> , <i>Microphthalmus</i>   | P334  |
| scoticus, Lumbricillus                        | P1556                 | <i>Sea fan</i>                             | D611  |
| scoticus, Notocirrus                          | P597                  | <i>sea fan</i> , <i>Northern</i>           | D608  |
| scoticus, Tubificoides                        | P1499                 | <i>Sea Lamprey</i>                         | ZE13  |

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| <i>Sea Scorpion</i>              | ZG283 | <i>Semipalmated Sandpiper</i>      | ZJ243 |
| <i>Sea Snail</i>                 | ZG296 | semipalmatus, Charadrius           | ZJ210 |
| <i>sea turtle, Loggerhead</i>    | ZI8   | semipunctata, Cuneocythere         | R2521 |
| <i>Sea-bass, Spotted</i>         | ZG313 | Semirossia                         | W2316 |
| <i>Sea-bream, Black</i>          | ZG364 | Semisalsa                          | W390  |
| <i>Sea-bream, Couch's</i>        | ZG362 | semiserratus, Ceradocus            | S502  |
| <i>Sea-bream, Red</i>            | ZG356 | <i>semiserratus, Maera</i>         | S502  |
| <i>Sea-bream, Spanish</i>        | ZG355 | semisquamatus, Gymnammodytes       | ZG446 |
| seahami, Rhombognathides         | Q70   | semistriata, Alvania               | W348  |
| <i>Seahorse</i>                  | ZG240 | <i>semistriata, Cingula</i>        | W348  |
| <i>Seahorse, Short-snouted</i>   | ZG239 | <i>semistriata, Setia</i>          | W348  |
| <i>Seal, Bearded</i>             | ZK16  | semisuberites, Tentorium           | C376  |
| <i>Seal, Common</i>              | ZK13  | Semnoderes                         | HC21  |
| <i>Seal, Grey</i>                | ZK15  | Semnoderidae                       | HC20  |
| <i>Seal, Harp</i>                | ZK11  | senegalensis, Venerupis            | W2124 |
| <i>Seal, Hooded</i>              | ZK19  | <i>senestra, Acteonia</i>          | W1137 |
| <i>Seal, Ringed</i>              | ZK12  | senestra, Limapontia               | W1137 |
| <i>Sea-perch, Parrot</i>         | ZG305 | senile, Metridium                  | D710  |
| searli, Polycitor                | ZD19  | separ, Heterostigma                | ZD144 |
| Sebastes                         | ZG255 | Sepia                              | W2304 |
| SECERNENTEA                      | HD628 | Sepietta                           | W2331 |
| secunda, Diarthrodella           | R1435 | Sepiidae                           | W2303 |
| secunda, Herposiphonia           | ZM639 | SEPIOIDEA                          | W2299 |
| secunda, Hincksia                | ZR44  | Sepiola                            | W2322 |
| secunda, Mesopsyllus             | R1486 | Sepiolidae                         | W2309 |
| <i>secunda, Micropsammis</i>     | R1606 | Sepiolinae                         | W2321 |
| secunda, Telopsammis             | R1606 | sepitus, Cheiraster                | ZB41  |
| secundaria, Antennella           | D450  | sepositum, Aglaothamnion           | ZM484 |
| secundata, Audouinella           | ZM115 | sepositus, Echinaster              | ZB81  |
| secundatum, Ceramium             | ZM521 | Septa                              | W518  |
| secundiflora, Bornetia           | ZM500 | <i>septangularis, Bellaspira</i>   | W776  |
| Securiflustra                    | Y193  | septangularis, Haedropleura        | W776  |
| securifrons, Scottocalanus       | R612  | <i>septemcarinata, Sabinea</i>     | S1395 |
| securifrons, Securiflustra       | Y194  | septempapillata, Prochromadorella  | HD205 |
| securigera, Amphiuira            | ZB157 | septemradiatum, Pseudamussium      | W1791 |
| sedecima, Pomponema              | HD290 | septemvalvis, Callochiton          | W75   |
| sedentaria, Phronima             | S749  | septentrionalis, Caprella          | S648  |
| <i>sedentaria, Phronima</i>      | S749  | septentrionalis, Ciliata           | ZG112 |
| <i>Sei Whale</i>                 | ZK66  | septentrionalis, Copidognathus     | Q108  |
| seiriolana, Audouinella          | ZM116 | septentrionalis, Harpacticus       | R962  |
| seirosperma, Seirospora          | ZM564 | <i>septentrionalis, Lysianassa</i> | S305  |
| <i>seirosperma, Seirospora</i>   | ZM564 | septentrionalis, Reteporella       | Y526  |
| Seirospora                       | ZM563 | septentrionalis, Terebratulina     | X30   |
| Seison                           | HA120 | septentrionalis, Tomopteris        | P252  |
| Seisonidae                       | HA119 | septigera, Dallina                 | X50   |
| SEISONIDEA                       | HA118 | Septosaccus                        | R105  |
| SELACHIMORPHA                    | ZF3   | Sergestes                          | S1287 |
| Selachinematidae                 | HD324 | Sergestidae                        | S1286 |
| Selaginopsis                     | D425  | SERGESTOIDEA                       | S1285 |
| Selioides                        | R1967 | Sergia                             | S1290 |
| sella, Semicytherura             | R2553 | seriata, Ophlitaspongia            | C1215 |
| SEMAEOSTOMEA                     | D36   | seriata, Pilayella                 | ZR62  |
| Semelidae                        | W2057 | sericea, Cladophora                | ZS213 |
| Semibalanus                      | R69   | sericeum, Colobonema               | D568  |
| <i>semicostata, Cingula</i>      | W371  | sericium, OphiocTen                | ZB176 |
| semicostata, Onoba               | W371  | Seriola                            | ZG332 |
| Semicytherura                    | R2547 | serpens, Filellum                  | D382  |
| <i>semidecussata, Venerupis</i>  | W2116 | <i>serpens, Perigonimus</i>        | D231  |
| <i>semidecussatus, Venerupis</i> | W2116 | serpens, Poecilochaetus            | P718  |
| Semierycina                      | W1881 | <i>serpentinus, Saccoglossus</i>   | ZC21  |
| <i>semifusca, Marionina</i>      | P1557 | Serpula                            | P1342 |
| semifuscus, Lumbricillus         | P1557 | Serpulidae                         | P1324 |
| <i>semifuscus, Pachydrilus</i>   | P1557 | Serpulinae                         | P1325 |
| semilunata, Phrosina             | S755  | serpuloides, Skeneia               | W198  |
| seminervis, Cryptonemia          | ZM286 | Serranidae                         | ZG303 |
| <i>Semipalmated Plover</i>       | ZJ210 | Serranus                           | ZG308 |

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|-------------------------------|-------|----------------------------------|-------|
| serrata, Diastylodes          | S1258 | setosum, Daptonema               | HD518 |
| serrata, Erythropros          | S50   | setosus, Arietellus              | R214  |
| serrata, Harpinia             | S258  | setosus, Isobactrus              | Q60   |
| serrata, Iphinoe              | S1201 | setosus, Thelepus                | P1255 |
| serrata, Lanceola             | S702  | setubalensis, Allmaniella        | P36   |
| serrata, Laophonte            | R1716 | seurati, Conopeum                | Y173  |
| serrata, Pelagobia            | P228  | sewelli husmanni, Nitokra        | R1327 |
| serrata, Pionosyllis          | P401  | sexcirrata, Samytha              | P1163 |
| serrata, Vogtia               | D99   | sexdentatus, Brachynotus         | S1630 |
| serratimargo, Schizotheca     | Y531  | sexoculata, Oceanobdella         | P1606 |
| serratipes, Amphilochooides   | S155  | sextonae, Corophium              | S615  |
| serratodentata, Sagitta       | L25   | Sextonia                         | S402  |
| serrator, Mergus              | ZJ146 | <i>Shad, Allis</i>               | ZG31  |
| serratulus, Platyscelus       | S780  | <i>Shad, Twaite</i>              | ZG32  |
| serratulum, Acanthonotozoma   | S371  | <i>Shag</i>                      | ZJ56  |
| serratulum, Sphaeroma         | S872  | <i>Shag, European</i>            | ZJ56  |
| serratus, Arthropsoyllus      | R1768 | <i>Shagreen Ray</i>              | ZF90  |
| serratus, Ctenodrilus         | P853  | <i>Shanny</i>                    | ZG412 |
| serratus, Eurycletodes        | R1641 | <i>Shark, Basking</i>            | ZF19  |
| serratus, Fucus               | ZR382 | <i>Shark, Blue</i>               | ZF41  |
| serratus, Palaemon            | S1319 | <i>Shark, Bramble</i>            | ZF69  |
| serratus, Philorthagoriscus   | R2262 | <i>Shark, Fox</i>                | ZF22  |
| serratus, Quadrans            | W2025 | <i>Shark, Filled</i>             | ZF10  |
| serresianus, Aporrhais        | W431  | <i>Shark, Greenland</i>          | ZF64  |
| <i>serricomis, Monstrilla</i> | R2380 | <i>Shark, Six-gilled</i>         | ZF7   |
| serrula, Chitinopoma          | P1327 | <i>Sharp-tailed Sandpiper</i>    | ZJ231 |
| serrulata, Cytherella         | R2457 | <i>Shearwater, Cory's</i>        | ZJ28  |
| Sertella                      | Y522  | <i>Shearwater, Great</i>         | ZJ35  |
| Sertularella                  | D427  | <i>Shearwater, Little</i>        | ZJ34  |
| Sertularia                    | D433  | <i>Shearwater, Manx</i>          | ZJ37  |
| Sertulariidae                 | D407  | <i>Shearwater, Mediterranean</i> | ZJ38  |
| SERTULARIOIDEA                | D406  | <i>Shearwater, Sooty</i>         | ZJ36  |
| sertulata, Orbinia            | P665  | <i>Shelduck</i>                  | ZJ156 |
| sertum, Spathipora            | Y148  | <i>Shelduck, Common</i>          | ZJ156 |
| <i>servaini, Philbertia</i>   | W862  | <i>Shelduck, Ruddy</i>           | ZJ155 |
| <i>servaini, Raphitoma</i>    | W862  | <i>Sheppy Argentine</i>          | ZG71  |
| sesquipedale, Gelidium        | ZM161 | <i>Shi Drum</i>                  | ZG371 |
| <i>sessile, Halecium</i>      | D397  | <i>Shore Clingfish</i>           | ZG89  |
| sessile, Halecium             | D398  | <i>Shore Rockling</i>            | ZG118 |
| <i>sessilis, Perigonimus</i>  | D240  | <i>Short-beaked Garfish</i>      | ZG186 |
| sessilis, Zanclea             | D213  | <i>Short-billed Dowitcher</i>    | ZJ256 |
| setacea, Plumularia           | D469  | <i>Short-snouted Seahorse</i>    | ZG239 |
| setchellii, Ulvella           | ZS135 | <i>Shoveler</i>                  | ZJ97  |
| seteloso, Megastygarcides     | V20   | <i>Shoveler, Northern</i>        | ZJ97  |
| Setia                         | W379  | <i>shrubsoilii, Streblospio</i>  | P798  |
| seticaudata, Lysmata          | S1354 | shrubsoilii, Streblospio         | P799  |
| setifer, Daptonema            | HD517 | shuttleworthianum, Ceramium      | ZM522 |
| setiforme, Pogotrichum        | ZR160 | siberti, Ophryotrocha puerilis   | P623  |
| setiger, Echinoderes          | HC10  | sibirica, Archisenia             | R1587 |
| setigera, Oithona             | R624  | sibirica, Sabellides             | P1161 |
| <i>setosa, Callizona</i>      | P210  | Siboglinidae                     | M7    |
| setosa, Chaetozone            | P834  | Siboglinum                       | M8    |
| setosa, Haploops              | S447  | sica, Aetea                      | Y155  |
| setosa, Laophonte             | R1717 | Sicameira                        | R1369 |
| setosa, Odontophora           | HD606 | sicula, Appendiculana            | ZD169 |
| setosa, Phakellia             | C575  | sicula, Octopoteuthis            | W2344 |
| <i>setosa, Pseudopythina</i>  | W1877 | sicula, Phyllophora              | ZM410 |
| setosa, Puellina              | Y324  | sideralis, Berthella             | W1160 |
| setosa, Rhynchonereella       | P210  | Sidnyum                          | ZD29  |
| setosa, Sagitta               | L26   | sierra, Eleutheromenia           | W35   |
| setosa, Scypha                | C139  | <i>sierra, Paramenia</i>         | W35   |
| setosa, Stenocopia            | R1379 | <i>sierra, Pruvotina</i>         | W35   |
| setosa, Stenothoe             | S215  | Sigalion                         | P103  |
| Setosabatieria                | HD265 | Sigalionidae                     | P96   |
| Setosella                     | Y295  | Sige                             | P190  |
| Setosellidae                  | Y294  | Sigecheres                       | R1970 |

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|---|-------|---|-------|
| sigismundi, Echiniscoides                 | V24   | Simognathinae                               | Q124  |
| Sigmatidium                               | R919  | Simognathus                                 | Q125  |
| sigmoidea, Chrysallida                    | W938  | simonae, Aricidea                           | P688  |
| <i>sigmoidea</i> , <i>Turbonilla</i>      | W938  | simonyi, Benthodesmus elongatus             | ZG493 |
| <i>sigmoides</i> , <i>Heterolaophonte</i> | R1751 | simplex, Achelia                            | Q19   |
| Sigmophoranema                            | HD366 | simplex, Anarthrura                         | S1149 |
| signata, Ophiura                          | ZB173 | simplex, Arietellus                         | R215  |
| signata, Proameira                        | R1342 | <i>simplex</i> , <i>Bittium lacteum</i>     | W265  |
| significans, Loxosoma                     | K13   | simplex, Boreohydra                         | D150  |
| siliculosus, Ectocarpus                   | ZR18  | simplex, Bugula                             | Y248  |
| siliqua var. minor, Ensis                 | W2002 | simplex, Dracognomus                        | HD391 |
| siliqua, Cyrtodaria                       | W2168 | simplex, Enteromorpha                       | ZS170 |
| siliqua, Ensis                            | W2001 | simplex, Erythrotrichia                     | ZM39  |
| siliquosa, Halidrys                       | ZR372 | simplex, Eurypon                            | C1293 |
| <i>siliquosa</i> , <i>Plumularia</i>      | D450  | simplex, Feldmannia                         | ZR28  |
| siliquosum, Ceramium                      | ZM523 | simplex, Haplognathia                       | IA8   |
| silus, Argentina                          | ZG57  | <i>simplex</i> , <i>Hymenaphia</i>          | C1293 |
| <i>Silver Pomfret</i>                     | ZG343 | <i>simplex</i> , <i>Jonesia</i>             | R2482 |
| <i>Silver Pomfret</i>                     | ZG544 | simplex, Macrocythere                       | R2482 |
| <i>Silvery Pout</i>                       | ZG114 | simplex, Metaphoxus                         | S263  |
| <i>Silvery Rockling</i>                   | ZG131 | simplex, Molgula                            | ZD154 |
| <i>sima</i> , <i>Laophonte</i>            | R1714 | simplex, Nerillidium                        | P1051 |
| <i>sima</i> , <i>Laophonte</i>            | R1718 | simplex, Paracandacia                       | R318  |
| <i>similaris</i> , <i>Desmacidon</i>      | C733  | <i>simplex</i> , <i>Plakina</i>             | C174  |
| <i>similaris</i> , <i>Mycale</i>          | C733  | simplex, Plakortis                          | C174  |
| <i>simile</i> , <i>Palliolum</i>          | W1803 | simplex, Proameira                          | R1343 |
| simile, Pontonema                         | HD126 | simplex, Protanthea                         | D668  |
| similimedia, Labidoplax                   | ZB302 | simplex, Semicytherura                      | R2555 |
| similior, Similiphora                     | W536  | simplex, Suberites                          | C427  |
| <i>similior</i> , <i>Triphora</i>         | W536  | simplex, Undinella                          | R529  |
| Similipecten                              | W1802 | simplex, Xanthocalanus                      | R571  |
| Similiphora                               | W535  | simplex, Xenotrichula                       | HB196 |
| similirostratus, Thaumaleus               | R2396 | <i>simplicimus</i> , <i>Scytosiphon</i>     | ZR194 |
| similis, Amonardia                        | R1148 | <i>simpliciuscula</i> , <i>Polysiphonia</i> | ZM677 |
| similis, Apomatus                         | P1348 | simpsoni, Adipicola                         | W1704 |
| similis, Bonnierilla                      | R686  | <i>simpsoni</i> , <i>Adula</i>              | W1704 |
| similis, Bradyidius                       | R439  | <i>simpsoni</i> , <i>Idas</i>               | W1704 |
| <i>similis</i> , <i>Chlamys</i>           | W1803 | <i>simpsoni</i> , <i>Idasola</i>            | W1704 |
| <i>similis</i> , <i>Delectopecten</i>     | W1803 | Simrothiella                                | W42   |
| similis, Euaugaptilus                     | R186  | Simrothiellidae                             | W41   |
| similis, Eudactylina                      | R2274 | simulans, Asterocheres                      | R2078 |
| similis, Eurycletodes                     | R1649 | simulans, Bradya                            | R831  |
| similis, Halophytophilus                  | R880  | simulans, Chrysallida                       | W939  |
| similis, Hesiospina                       | P303  | simulans, Dipurena                          | D179  |
| <i>similis</i> , <i>Hesiospina</i>        | P305  | simulans, Haliclona                         | C1430 |
| similis, Hymedesmia                       | C949  | simulans, Harrietella                       | R1680 |
| similis, Kirchenpaueria                   | D456  | simulans, Lucicutia                         | R267  |
| similis, Loxosomella                      | K38   | simulans, Polysiphonia                      | ZM678 |
| similis, Marsteinia                       | R923  | simulans, Robertgurneya                     | R1241 |
| similis, Microphthalmus                   | P333  | simulans, Sorapion                          | ZR105 |
| similis, Normanella                       | R1761 | sinensis, Eriocheir                         | S1632 |
| <i>similis</i> , <i>Oithona</i>           | R620  | singulare, Diplosoma                        | ZD60  |
| similis, Oncaea                           | R1894 | singulare, Loxosoma                         | K14   |
| similis, Orchomene                        | S322  | <i>singulare</i> , <i>Loxosoma</i>          | K14   |
| similis, Paramesochra                     | R1417 | <i>singulare</i> , <i>Loxosoma</i>          | K26   |
| similis, Polyposthia                      | F69   | <i>sinuata</i> , <i>Philine</i>             | W1051 |
| similis, Pseudobradya                     | R917  | sinuatus, Amphiascus                        | R1172 |
| similis, Pseudocuma                       | S1237 | <i>sinuatus</i> , <i>Philinorbis</i>        | W1051 |
| similis, Pseudomesochra                   | R1226 | <i>sinuosa</i> , <i>Balcis</i>              | W660  |
| similis, Pseudotanais                     | S1165 | sinuosa, Cellaria                           | Y302  |
| similis, Robertgurneya                    | R1240 | sinuosa, Colpomenia                         | ZR185 |
| similis, Semicytherura                    | R2554 | <i>sinuosa</i> , <i>Eulima</i>              | W660  |
| similis, Similipecten                     | W1803 | sinuosa, Stomachetosella                    | Y448  |
| similis, Tmetonyx                         | S337  | siphonata, Molgula                          | ZD155 |
| simillimum, Encentrum                     | HA63  | siphonatus, Asterocheres                    | R2079 |
| Simnia                                    | W452  | <i>siphonocera</i> , <i>Solenocera</i>      | S1281 |



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| Siphonoecetes                           | S617  | <i>Smooth-head, Risso's</i>      | ZG62  |
| Siphonolaimidae                         | HD561 | <i>Snail, Sea</i>                | ZG296 |
| Siphonolaimus                           | HD562 | <i>Snake Blenny</i>              | ZG429 |
| SIPHONOPHORA                            | D59   | <i>Snake Blenny, Spotted</i>     | ZG427 |
| Siphonorbis                             | W718  | <i>Snake Pipefish</i>            | ZG237 |
| Siphonosoma                             | N5    | <i>Snakelocks anemone</i>        | D679  |
| SIPHONOSTOMATOIDA                       | R2061 | <i>Snipe</i>                     | ZJ249 |
| siphunculus, Prosthlostomum             | F66   | <i>Snipe Eel</i>                 | ZG20  |
| SIPUNCULA                               | N1    | <i>Snipe Eel</i>                 | ZG22  |
| Sipunculidae                            | N4    | <i>Snipe, Common</i>             | ZJ249 |
| SIPUNCULIDEA                            | N2    | <i>Snipe, Great</i>              | ZJ250 |
| SIPUNCULIFORMES                         | N3    | <i>Snipe, Jack</i>               | ZJ263 |
| Sipunculus                              | N7    | <i>Snipe-fish</i>                | ZG234 |
| Siriella                                | S33   | <i>Snow Goose</i>                | ZJ110 |
| Siriellinae                             | S32   | Socarnes                         | S329  |
| sitiens, Eumastia                       | C630  | Socarnopsis                      | S331  |
| sivado, Pasiphaea                       | S1308 | <i>Sociable Lapwing</i>          | ZJ213 |
| <i>Six-gilled Shark</i>                 | ZF7   | <i>Sociable Plover</i>           | ZJ213 |
| sjaelandica, Marionina                  | P1570 | socialis, Cladophora             | ZS214 |
| <i>Skate</i>                            | ZF86  | socialis, Molgula                | ZD156 |
| <i>Skate, Arctic</i>                    | ZF92  | socialis, Ophryotrocha           | P624  |
| <i>Skate, Black</i>                     | ZF96  | socialis, Phyllochaetopterus     | P817  |
| <i>Skate, Long-nosed</i>                | ZF97  | socialis, Polydora               | P762  |
| <i>Skate, Round</i>                     | ZF91  | socialis, Stolonica              | ZD124 |
| <i>Skate, White</i>                     | ZF85  | socialis, <i>Xenodermichthys</i> | ZG64  |
| skawensis, Oncholaimus                  | HD123 | <i>soemmerringii, Eolida</i>     | W1486 |
| Skeizia                                 | C594  | <i>Soffhead Rat-tail</i>         | ZG159 |
| Skenea                                  | W195  | sol, Radiella                    | C368  |
| skenei, Palmiskenea                     | Y393  | Solamen                          | W1724 |
| Skeneidae                               | W194  | Solariella                       | W187  |
| Skeneopsidae                            | W310  | Solariellinae                    | W186  |
| Skeneopsis                              | W311  | Solaster                         | ZB71  |
| <i>Skipjack Tuna</i>                    | ZG504 | Solasteridae                     | ZB70  |
| <i>Skipper</i>                          | ZG189 | <i>Sole</i>                      | ZG591 |
| <i>Skua, Arctic</i>                     | ZJ297 | <i>Sole, Deepwater</i>           | ZG583 |
| <i>Skua, Great</i>                      | ZJ299 | <i>Sole, Dover</i>               | ZG591 |
| <i>Skua, Long-tailed</i>                | ZJ296 | <i>Sole, Lemon</i>               | ZG574 |
| <i>skua, Pomarine</i>                   | ZJ298 | <i>Sole, Nigerian Tongue</i>     | ZG594 |
| skua, Stercorarius                      | ZJ299 | <i>Sole, Sand</i>                | ZG590 |
| slabberi, Mesopodopsis                  | S74   | <i>Sole, Thickback</i>           | ZG588 |
| Slavonian Grebe                         | ZJ12  | Solea                            | ZG590 |
| <i>Slender Sun-fish</i>                 | ZG608 | solea, Solea                     | ZG591 |
| <i>Slender-billed Gull</i>              | ZJ308 | soleae, Acanthochondria          | R2020 |
| <i>Small-headed Clingfish</i>           | ZG84  | soleae, Bomolochus               | R2005 |
| <i>Small-scaled Scorpion-fish</i>       | ZG253 | soleae, Hemibdella               | P1594 |
| <i>smaragdina, Coryphella</i>           | W1418 | Solecurtinae                     | W2052 |
| <i>smaragdina, Coryphella verrucosa</i> | W1418 | Solecurtus                       | W2053 |
| <i>Smelt</i>                            | ZG54  | Soleidae                         | ZG581 |
| <i>Smew</i>                             | ZJ143 | Solen                            | W1992 |
| smirnovi, Metahuntemannia               | R1613 | SOLENACEA                        | W1990 |
| Smithiella                              | W806  | <i>Solenette</i>                 | ZG585 |
| <i>smithii, Bulbus</i>                  | W496  | Solenidae                        | W1991 |
| <i>smithii, Caryophyllia</i>            | D783  | solenis, Conchylurus             | R1915 |
| <i>smithii, Cytharella</i>              | W807  | Solenocera                       | S1280 |
| <i>smithii, Mangelia</i>                | W807  | Solenoceridae                    | S1279 |
| smittiae, Autolytus                     | P448  | SOLENOGASTRES                    | W12   |
| Smittina                                | Y454  | solida, Spisula                  | W1977 |
| Smittinidae                             | Y453  | solidissima, Spisula             | W1980 |
| Smittoidea                              | Y460  | Solidobalanus                    | R71   |
| smo, Catanema                           | HD376 | solidula, Crassimarginatella     | Y210  |
| <i>Smooth Hound</i>                     | ZF38  | solidum, Amphiblestrum           | Y224  |
| <i>Smooth Hound, Starry</i>             | ZF37  | solieri, Spatoglossum            | ZR319 |
| <i>Smooth Rat-tail</i>                  | ZG165 | Solieria                         | ZM424 |
| <i>Smooth Sand-eel</i>                  | ZG446 | Solieriaceae                     | ZM421 |
| <i>Smooth-head, Baird's</i>             | ZG61  | SOLITARIA                        | K2    |
| <i>Smooth-head, Bluntnout</i>           | ZG64  | solitaria, Tringa                | ZJ287 |

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| solitarium, Herponema            | ZR33  | spallanzanii, Sabella       | P1322 |
| <i>Solitary Sandpiper</i>        | ZJ287 | Spanioplion                 | C972  |
| Solmaridae                       | D556  | <i>Spanish Ling</i>         | ZG128 |
| Solmaris                         | D557  | <i>Spanish Mackerel</i>     | ZG510 |
| Solmissus                        | D540  | <i>Spanish Sea-bream</i>    | ZG355 |
| solsbergi, Metopa                | S201  | Sparidae                    | ZG348 |
| <i>soluta, Rissoa</i>            | W365  | sparsa, Audouinella         | ZM117 |
| solutum, Lithothamnion           | ZM236 | sparsa, Onchidoris          | W1328 |
| <i>solutum, Lithothamnion</i>    | ZM236 | spartinae, Stephanolaimus   | HD440 |
| Somateria                        | ZJ151 | Sparus                      | ZG360 |
| somniculosus, Chaetonotus        | HB144 | Spatangidae                 | ZB217 |
| Somniosus                        | ZF64  | SPATANGOIDA                 | ZB213 |
| sonderi, Lithothamnion           | ZM243 | <i>Spatangus</i>            | W1892 |
| <i>sonderi, Postiodrilus</i>     | P1428 | Spatangus                   | ZB218 |
| <i>Sooty Shearwater</i>          | ZJ36  | spatha, Spathoteredo        | W2219 |
| <i>Sooty Tern</i>                | ZJ342 | Spathipora                  | Y147  |
| sophiae, Gammaropsis             | S544  | Spathiporidae               | Y146  |
| <i>sophiae, Podoceropsis</i>     | S544  | Spathoteredo                | W2218 |
| Sophrosyne                       | S333  | Spatoglossum                | ZR318 |
| <i>Sora</i>                      | ZJ177 | spatula, Iphimedia          | S384  |
| <i>Sora Rail</i>                 | ZJ177 | Species indeterminata       | S1136 |
| Sorapion                         | ZR103 | species A, Eudorella        | S1207 |
| <i>sordida, Esperella</i>        | C733  | speciosa, Ameira            | R1299 |
| <i>sordida, Rhabioderma</i>      | C733  | speciosa, Buffhamia         | ZR138 |
| sordidum, Anoplosoma             | R1374 | speciosa, Ulothrix          | ZS66  |
| sordidum, Enhydrosoma            | R1579 | speciosus, Corycaeus        | R1998 |
| soriferus, Stictyosiphon         | ZR204 | speciosus, Protectocarpus   | ZR128 |
| Sorocarpaceae                    | ZR131 | spectabilis, Drachiella     | ZM598 |
| Sorocarpus                       | ZR132 | spectabilis, Ophiocantha    | ZB139 |
| Sosane                           | P1166 | spectabilis, Paracanthochus | HD308 |
| Sosanopsis                       | P1168 | spectabilis, Somateria      | ZJ153 |
| southerni, Euchone               | P1281 | spectrum, Callipallene      | Q37   |
| southerni, Marionina             | P1571 | speculiger, Hirundichthys   | ZG182 |
| <i>southerni, Microphthalmus</i> | P332  | spencebatei, Amphilocheus   | S160  |
| southerni, Microphthalmus        | P334  | <i>Sperm Whale</i>          | ZK52  |
| southerni, Mystides              | P131  | <i>Sperm Whale, Pygmy</i>   | ZK50  |
| <i>southerni, Mystides</i>       | P131  | Spermatochneaceae           | ZR259 |
| southerni, Pseudonotomastus      | P927  | Spermatochneus              | ZR260 |
| southerni, Thalassarachna        | Q121  | Spermothamnion              | ZM566 |
| Southernia                       | HD460 | spetsbergensis, Eteone      | P119  |
| southwardorum, Labidoplax        | ZB303 | spetsbergensis, Meiodiscus  | ZM175 |
| sowerbyi, Craspedacusta          | D534  | Sphacelaria                 | ZR288 |
| <i>Sowerby's Beaked Whale</i>    | ZK55  | Sphacelariaceae             | ZR287 |
| soyeri, Cossura                  | P870  | SPHACELARIALES              | ZR280 |
| sp, Sphaerotylus                 | C372  | sphacelarioides, Giraudia   | ZR146 |
| sp., Aberranta                   | P653  | Sphaerechinus               | ZB207 |
| sp., Ascidiella                  | ZD86  | <i>sphaerica, Croconema</i> | HD341 |
| sp., Clavelina                   | ZD9   | sphaerica, Desmodora        | HD347 |
| sp., Cossura                     | P871  | sphaericum, Ptilothamnion   | ZM559 |
| sp., Ehlersia                    | P353  | sphaericum, Streblo-nema    | ZR78  |
| sp., Eubranchus                  | W1452 | sphaericus, Parategastes    | R1051 |
| sp., Euclymene                   | P965  | Sphaerococcaceae            | ZM426 |
| sp., Kefersteinia                | P307  | Sphaerococcus               | ZM427 |
| sp., Lepidomenia                 | W21   | Sphaerodoridae              | P278  |
| sp., Levinsenia                  | P694  | Sphaerodoridium             | P283  |
| sp., Loimia                      | P1202 | SPHAERODOROIDEA             | P277  |
| sp., Notoproctus                 | P984  | Sphaerodoropsis             | P285  |
| sp., Paradoneis                  | P700  | Sphaerodorum                | P290  |
| sp., Pista                       | P1219 | Sphaerolaimidae             | HD552 |
| sp., Pruvotina                   | W37   | Sphaerolaimus               | HD553 |
| sp., Pseudofabricia              | P1314 | Sphaeroma                   | S868  |
| sp., Scolelepis                  | P786  | Sphaeromatidae              | S857  |
| sp., Scoloplos                   | P673  | Sphaeromicola               | R2662 |
| sp., Sidnyum                     | ZD32  | Sphaeronectes               | D127  |
| sp., Tharyx                      | P847  | Sphaeronectidae             | D126  |
| Spadella                         | L28   | Sphaeronella                | R2149 |

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| sphaeropenis, Aktedrilus      | P1439 | Spinocalanidae                      | R400  |
| sphaerophora, Isthmoplea      | ZR200 | SPINOCALANOIDEA                     | R399  |
| Sphaerosyllis                 | P424  | Spinocalanus                        | R407  |
| Sphaerotrichia                | ZR232 | spinosa var. bulbosa, Parastenhelia | R1143 |
| Sphaerotylus                  | C370  | spinosa, Dexamine                   | S415  |
| sphagnetorum, Cognettia       | P1508 | <i>spinosa, Endeis</i>              | Q29   |
| Sphenia                       | W2151 | spinosa, Endeis                     | Q30   |
| Spheniinae                    | W2150 | spinosa, Eurynome                   | S1537 |
| Sphenotrochus                 | D784  | spinosa, Hymedesmia                 | C950  |
| Sphinctrella                  | C254  | spinosa, Kuckuckia                  | ZR47  |
| Sphondylothamnion             | ZM569 | spinosa, Metahuntemannia            | R1614 |
| sphyraena, Argentina          | ZG58  | <i>spinosa, Nectopyramis</i>        | D92   |
| Sphyrapidae                   | S1180 | spinosa, Parastenhelia              | R1142 |
| Sphyrapus                     | S1181 | spinosa, Pareuchaeta                | R509  |
| Sphyriidae                    | R2314 | spinosa, Pseudolaophonte            | R1744 |
| Sphyrion                      | R2317 | spinosa, Scina                      | S691  |
| Sphyrna                       | ZF43  | spinosa, Stenocopia                 | R1380 |
| Sphyrnidae                    | ZF42  | <i>spinosa, Tethea</i>              | C1337 |
| sphyrodeta, Actinothoe        | D719  | spinosa, Tethyspira                 | C1337 |
| spicula, Marionina            | P1572 | spinosa, Vesicularia                | Y131  |
| spiculifera, Hedylopsis       | W1102 | spinosa, Vogtia                     | D100  |
| spiculohamatus, Enoploides    | HD18  | <i>spinosissimum, Nymphon</i>       | Q12   |
| <i>spiculus, Enchytraeus</i>  | P1572 | spinosissimum, Pleurogonium         | S916  |
| Spiliphera                    | HD182 | <i>spinosum, Cystisoma</i>          | S720  |
| Spilophorella                 | HD244 | spinosum, Cystisoma                 | S722  |
| Spinachia                     | ZG229 | spinosum, Paradraconema             | HD387 |
| spinachia, Pseudomystides     | P137  | spinosum, Paranympion               | Q24   |
| spinachia, Spinachia          | ZG230 | spinosum, Pyrosoma                  | ZD214 |
| spinarcus, Microcionia        | C1205 | spinosus, Apseudes                  | S1176 |
| spinatus, Zaus                | R973  | spinosus, Axonolaimus               | HD596 |
| spinax, Etmopterus            | ZF60  | spinosus, Centroderes               | HC14  |
| <i>Spinetail Ray</i>          | ZF83  | spinosus, Halichaetonotus           | HB158 |
| spinicarpa, Leucothoe         | S180  | spinosus, Pontophilus               | S1393 |
| spinicauda, Bathyraxia        | ZF83  | spinosus, Spinocalanus              | R411  |
| spinicauda, Halectinosoma     | R875  | Spinther                            | P531  |
| spinicauda, Paraleptastacus   | R1519 | SPINTHERIDA                         | P529  |
| spiniceps, Haloptilus         | R198  | Spintheridae                        | P530  |
| spinicornis, Aora             | S580  | spinula, Polymastia                 | C362  |
| spinicornis, Ichnopus         | S299  | Spinularia                          | C373  |
| <i>spinicomis, Lysianassa</i> | S303  | spinularia, Spinularia              | C374  |
| spinifer, Ampelisca           | S436  | spinulatus, Cletodes                | R1569 |
| spinifer, Gastrosaccus        | S44   | spinulentum, Iophon                 | C1054 |
| spinifer, Rhynchologena       | R1231 | spinulosa, Robertgurneya            | R1242 |
| spinifera, Eucanuella         | R812  | spinulosa, Sabellaria               | P1117 |
| spinifera, Evadne             | R7    | SPINULOSIDA                         | ZB78  |
| spinifera, Harmothoe          | P74   | spinulosum, Paralcyonium            | D604  |
| spinifera, Listriella         | S401  | spinulosus, Aegisthus               | R819  |
| spinifera, Myrtea             | W1827 | spinulosus, Halicyptus              | J4    |
| spinifera, Phaenna            | R556  | spinus, Spirontocaris               | S1358 |
| spinifera, Phaeostachys       | Y443  | <i>Spiny Eel</i>                    | ZG26  |
| spinifera, Pterosiphonia      | ZM688 | <i>Spiny Eel</i>                    | ZG27  |
| spiniferum, Cauloramphus      | Y212  | Spio                                | P787  |
| spiniferum, Tiron             | S357  | <i>Spio</i>                         | P787  |
| spinifrons, Augaptilus        | R163  | Spiochaetopterus                    | P818  |
| spinifrons, Heterorhabdus     | R243  | SPIONIDA                            | P707  |
| <i>spinigera, Cocculina</i>   | W127  | Spionidae                           | P720  |
| spinigera, Eurydice           | S855  | SPIONOIDEA                          | P708  |
| spinigera, Hyperia            | S732  | Spiophanes                          | P793  |
| spinimana, Ampelisca          | S437  | <i>spiralis, Chrysallida</i>        | W965  |
| spinimanus, Nannonyx          | S312  | spiralis, Dictyota                  | ZR315 |
| spinipes, Ampelisca           | S438  | <i>spiralis, Dilophus</i>           | ZR315 |
| spinipes, Apodopsyllus        | R1390 | spiralis, Eudoxoides                | D122  |
| spinipes, Nitokra             | R1328 | spiralis, Fucus                     | ZR383 |
| spinipes, Rhombognathides     | Q71   | <i>spiralis, Partulida</i>          | W965  |
| spinirostris, Conchoecia      | R2449 | <i>spiralis, Polysiphonia</i>       | ZM679 |
| spinirostris, Oithona         | R625  | <i>spirans, Velella</i>             | D196  |

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| Spirastrella                        | C467  | Sprattus                                    | ZG37  |
| Spirastrellidae                     | C465  | sprattus, Sprattus                          | ZG38  |
| Spiridion                           | P1465 | <i>Sprudog</i>                              | ZF66  |
| spirifer, Calomicrolaimus           | HD402 | Spyridia                                    | ZM571 |
| spirillum, Circeis                  | P1369 | <i>Squacco Heron</i>                        | ZJ68  |
| <i>spirillum</i> , <i>Spirorbis</i> | P1369 | squalicola, Anelasma                        | R28   |
| Spirinia                            | HD349 | <i>squalida</i> , <i>Tellina</i>            | W2011 |
| spiritus, Schistomysis              | S89   | Squalidae                                   | ZF50  |
| spirographidis, Antithamnionella    | ZM497 | squalidus, Angulus                          | W2011 |
| Spirontocaris                       | S1355 | SQUALIFORMES                                | ZF45  |
| SPIROPHORIDA                        | C289  | Squalus                                     | ZF65  |
| Spirorbidae                         | P1362 | <i>squama</i> , <i>Monia</i>                | W1814 |
| <i>Spirorbis</i>                    | HD142 | squamaria, Peyssonnelia                     | ZM390 |
| <i>Spirorbis</i>                    | HD184 | <i>squamata</i> , <i>Amphipholis</i>        | B20   |
| <i>Spirorbis</i>                    | HD335 | <i>squamata</i> , <i>Amphipholis</i>        | ZB161 |
| Spirorbis                           | P1391 | <i>squamata</i> , <i>Clava</i>              | D283  |
| spirorbis, Spirorbis                | P1396 | <i>squamata</i> , <i>Scolecipis</i>         | P783  |
| Spirula                             | W2301 | <i>squamatum</i> , <i>Haliptilon</i>        | ZM209 |
| spirula, Spirula                    | W2302 | <i>squamatum</i> , <i>Onchnesoma</i>        | N36   |
| SPIRULARIA                          | D629  | <i>squamatum</i> , <i>Sigalion</i>          | P105  |
| Spirulidae                          | W2300 | <i>squamatus</i> , <i>Euaugaptilus</i>      | R187  |
| Spisula                             | W1973 | <i>squamatus</i> , <i>Lepidonotus</i>       | P82   |
| spitzbergensis, Glaciarcula         | X54   | <i>squamatus</i> , <i>Psolus</i>            | ZB253 |
| spitzbergensis, Paralaophonte       | R1731 | <i>squamatus</i> , <i>Solaster</i>          | ZB73  |
| Splanchnotrophidae                  | R2032 | <i>squamifera</i> , <i>Galathea</i>         | S1475 |
| Splanchnotrophus                    | R2035 | <i>squamiferae</i> , <i>Lernaeodiscus</i>   | R110  |
| splendens, Beryx                    | ZG199 | <i>squamosa</i> , <i>Acholoe</i>            | P29   |
| splendens, Eulalia                  | P157  | <i>squamosa</i> , <i>Coralliophila</i>      | W696  |
| <i>splendens</i> , <i>Eulalia</i>   | P185  | <i>squamosa</i> , <i>Heteroxenotrichula</i> | HB185 |
| splendida, Punnettia                | G138  | <i>squamosum</i> , <i>Lepton</i>            | W1887 |
| Spondyliosoma                       | ZG363 | <i>squamosum</i> , <i>Sigalion</i>          | P105  |
| spongicola, Balanus                 | R80   | <i>squamosus</i> , <i>Sigalion</i>          | P105  |
| spongicola, Haplosyllis             | P357  | <i>squamula</i> , <i>Heteranomia</i>        | W1809 |
| spongicola, Typton                  | S1326 | <i>squamula</i> , <i>Pododesmus</i>         | B19   |
| spongiforme, Diplosoma              | ZD61  | <i>squamula</i> , <i>Pododesmus</i>         | W1809 |
| Sponginticola                       | R2198 | <i>squamulosa</i> , <i>Pyura</i>            | ZD140 |
| Sponginticolidae                    | R2197 | <i>squatarola</i> , <i>Pluvialis</i>        | ZJ219 |
| spongiocarpa, Stragularia           | ZR197 | Squatina                                    | ZF72  |
| Spongionella                        | C1681 | <i>squatina</i> , <i>Squatina</i>           | ZF73  |
| spongiosum, Callithamnion           | ZM503 | Squatinidae                                 | ZF71  |
| spongiosus, Cladostephus            | ZR286 | SQUATINIFORMES                              | ZF70  |
| spongites, Acasta                   | R62   | <i>squilla</i> , <i>Palaemon</i>            | S1316 |
| Spongomorpha                        | ZS39  | <i>squillarum</i> , <i>Bopyrus</i>          | S1002 |
| Spongonema                          | ZR65  | Squillidae                                  | S16   |
| Spongisorites                       | C680  | <i>squillimana</i> , <i>Lubbockia</i>       | R1881 |
| <i>Spoonbill</i>                    | ZJ85  | SQUILLOIDEA                                 | S15   |
| spooneri, Ampelisca                 | S439  | <i>squinado</i> , <i>Maja</i>               | S1515 |
| spooneri, Paramisophria             | R220  | <i>Squirrel Hake</i>                        | ZG146 |
| Sporochnaceae                       | ZR323 | <i>Squirt</i> , <i>Pin-head</i>             | ZD9   |
| SPOROCHNALES                        | ZR322 | <i>stackhousei</i> , <i>Helminthora</i>     | ZM135 |
| Sporochnus                          | ZR326 | <i>stagnatilis</i> , <i>Tringa</i>          | ZJ288 |
| <i>Spotted Catfish</i>              | ZG419 | <i>stagnorum</i> , <i>Hydrobia</i>          | W390  |
| <i>Spotted Crake</i>                | ZJ179 | <i>stagnorum</i> , <i>Hydrobia</i>          | W390  |
| <i>Spotted Dragonet</i>             | ZG453 | <i>stagnorum</i> , <i>Semisalsa</i>         | W390  |
| <i>Spotted Ray</i>                  | ZF94  | <i>stagnosa</i> , <i>Diplolaimella</i>      | HD493 |
| <i>Spotted Redshank</i>             | ZJ281 | <i>star-coral</i> , <i>Scarlet and gold</i> | D799  |
| <i>Spotted Sandpiper</i>            | ZJ225 | <i>Starlet anemone</i>                      | D761  |
| <i>Spotted Sea-bass</i>             | ZG313 | <i>Starry Ray</i>                           | ZF98  |
| <i>Spotted Snake Blenny</i>         | ZG427 | <i>Starry Smooth Hound</i>                  | ZF37  |
| spp., Cuspidella                    | D329  | <i>stationis</i> , <i>Microdeutopus</i>     | S597  |
| spp., Notomastus                    | P923  | Stauridiosarsia                             | D190  |
| spp., Parougia                      | P636  | Staurocoryne                                | D192  |
| spp., Schistomeringos               | P644  | STAUROMEDUSAE                               | D3    |
| spp., Syllides                      | P409  | Staurophora                                 | D302  |
| <i>Sprat</i>                        | ZG38  | Staurosoma                                  | R2039 |
| sprattae, Lernaeenicus              | R2306 | stebbingi, Hyale                            | S227  |

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| stebbingii, Phronima             | S750         | stephoides, Pseudocyclopia         | R536         |
| stebleri, Brianola               | R795         | Stephos                            | R514         |
| steenstrupi, Gonatus             | W2350        | Steraechemella                     | Y292         |
| steenstrupi, Melinnacheres       | R2175        | Stercorariidae                     | ZJ294        |
| steenstrupi, Myxicola            | P1302        | Stercorarius                       | ZJ295        |
| <i>steenstrupi, Prionospio</i>   | <i>P764</i>  | Stereobalanus                      | ZC22         |
| steenstrupi, Prionospio          | P768         | Sterna                             | ZJ334        |
| steenstrupiana, Sepiola          | W2330        | STERNASPIDA                        | P898         |
| steenstrupii, Onchesoma          | N37          | Sternaspidae                       | P899         |
| <i>stefanssoni, Danielssenia</i> | <i>R1587</i> | Sternaspis                         | P900         |
| Stegocephalidae                  | S362         | Sternidae                          | ZJ327        |
| STEGOCEPHALOIDEA                 | S361         | Sternoptychidae                    | ZG66         |
| Stegocephaloides                 | S367         | Sternoptyx                         | ZG72         |
| Stegohornera                     | Y59          | Steromphala                        | W162         |
| Stegohorneridae                  | Y58          | sterreri, Megadasys                | HB27         |
| steineri, Araeolaimus            | HD617        | stevcici, Copidognathus            | Q109         |
| Steineridora                     | HD220        | steveni, Caridion                  | S1339        |
| stellaris, Botaurus              | ZJ71         | <i>Steven's Goby</i>               | <i>ZG466</i> |
| stellaris, Elachista             | ZR91         | Sthenelais                         | P106         |
| stellaris, Scylliorhinus         | ZF29         | Sthenoteuthis                      | W2376        |
| stellata, Clavella               | R2338        | Sthenothocheres                    | R2170        |
| stellata, Gavia                  | ZJ8          | Stichaeidae                        | ZG423        |
| <i>stellata, Gigartina</i>       | <i>ZM405</i> | Stichastrella                      | ZB97         |
| <i>stellata, Hymedesmia</i>      | <i>C437</i>  | Stichococcus                       | ZS60         |
| stellata, Proboscoidactyla       | D525         | Stichopididae                      | ZB237        |
| stellata, Timea                  | C437         | Stichopus                          | ZB241        |
| stellata, Ulvella                | ZS136        | <i>Stickleback, Fifteen-spined</i> | <i>ZG230</i> |
| stellata, Upogebia               | S1421        | <i>Stickleback, Nine-spined</i>    | <i>ZG228</i> |
| stellatus, Chthamalus            | R47          | <i>Stickleback, Three-spined</i>   | <i>ZG226</i> |
| stellatus, Mastocarpus           | ZM405        | <i>sticta, Doridigitata</i>        | <i>W1372</i> |
| stelleri, Polysticta             | ZJ150        | <i>sticta, Doris</i>               | <i>W1372</i> |
| <i>Steller's Eider</i>           | <i>ZJ150</i> | <i>sticta, Homoiodoris</i>         | <i>W1372</i> |
| Stelletta                        | C204         | Stictyosiphon                      | ZR201        |
| stellifasciata, Timea            | C438         | Stiliger                           | W1120        |
| <i>stellifera, Anisodoris</i>    | <i>W1383</i> | Stiligeridae                       | W1119        |
| stellifera, Hymeraphia           | C1298        | <i>stilipes, Exungia</i>           | <i>S183</i>  |
| <i>stellifera, Mesapos</i>       | <i>C1298</i> | Stilophora                         | ZR262        |
| Stelligera                       | C455         | stilophorae, Audouinella           | ZM118        |
| stelligera, Distaplia            | ZD14         | stilophorae, Streblonema           | ZR79         |
| stellulata, Myriactula           | ZR255        | Stilopsis                          | ZR264        |
| Stenella                         | ZK23         | <i>Stilt Sandpiper</i>             | <i>ZJ265</i> |
| Stenhelia                        | R1256        | <i>Stilt, Black-winged</i>         | <i>ZJ189</i> |
| Stenocaris                       | R1536        | stimulans, Asterocheres            | R2080        |
| <i>Stenocaris</i>                | <i>R1544</i> | <i>Sting Ray</i>                   | <i>ZF103</i> |
| Stenocaropsis                    | R1544        | <i>Stint, Little</i>               | <i>ZJ241</i> |
| Stenocopia                       | R1377        | <i>Stint, Long-toed</i>            | <i>ZJ245</i> |
| Stenocopiinae                    | R1372        | <i>Stint, Red-necked</i>           | <i>ZJ244</i> |
| Stenocyathus                     | D794         | <i>Stint, Temminck's</i>           | <i>ZJ246</i> |
| Stenogramme                      | ZM413        | stipata, Nolella                   | Y94          |
| STENOLAEMATA                     | Y2           | stipitata, Lissodendoryx           | C1070        |
| stenolaimus, Bathylaimus         | HD157        | stipitata, Prasiola                | ZS28         |
| Stenophiloscia                   | S1080        | stirhynchus, Axius                 | S1407        |
| Stenopleustes                    | S149         | Stocharthrum                       | B32          |
| Stenosemus                       | W70          | stoerensis, Echinogammarus         | S468         |
| stenosoma, Eleutherolaimus       | HD570        | STOLIDOBRANCHIATA                  | ZD99         |
| <i>stenostoma, Eulima</i>        | <i>W627</i>  | Stolonica                          | ZD123        |
| stenostoma, Haliella             | W627         | STOLONIFERA                        | D585         |
| Stenothoe                        | S208         | stolonifera, Bugula                | Y249         |
| Stenothoidae                     | S187         | Stomachetosella                    | Y445         |
| Stenula                          | S218         | Stomachetosellidae                 | Y444         |
| stephanidesi, Cytherois          | R2640        | Stomatolepas                       | R55          |
| Stephanolaimus                   | HD437        | STOMATOPODA                        | S13          |
| Stephanollona                    | Y534         | Stomatoporina                      | Y21          |
| stephensi, Hymedesmia            | C951         | STOMIIFORMES                       | ZG65         |
| <i>stephensi, Hymedesmia</i>     | <i>C973</i>  | Stomphia                           | D694         |
| Stephidae                        | R511         | <i>Stone bass</i>                  | <i>ZG315</i> |

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| <i>Stone Curlew</i>                              | ZJ194 | <i>strigosa</i> , Galathea                                | S1476 |
| <i>Stone-curlew</i>                              | ZJ194 | <i>strigosa</i> , Pleurocrypta                            | S1016 |
| <i>Storm-petrel</i>                              | ZJ41  | <i>striolata</i> , <i>Mangelia</i>                        | W797  |
| <i>Storm-petrel</i> , European                   | ZJ41  | <i>striolata</i> , <i>Mangelia</i>                        | W807  |
| <i>Storm-petrel</i> , Leach's                    | ZJ46  | <i>striolata</i> , Odostomia                              | W914  |
| <i>Storm-petrel</i> , Madeiran                   | ZJ45  | <i>Striped Dolphin</i>                                    | ZK24  |
| <i>Storm-petrel</i> , Swinhoe's                  | ZJ47  | <i>stroemi paraminuta</i> , Heterolaophonte               | R1694 |
| <i>Storm-petrel</i> , White-faced                | ZJ49  | <i>stroemi</i> var. <i>brevicaudata</i> , Heterolaophonte | R1693 |
| <i>Storm-petrel</i> , Wilson's                   | ZJ43  | <i>stroemi</i> , Heterolaophonte                          | R1692 |
| Stragularia                                      | ZR197 | <i>stroemi</i> , Nymphon                                  | Q11   |
| <i>Straight-nosed Pipefish</i>                   | ZG243 | <i>stroemi</i> , Terebellides                             | P1175 |
| <i>strangulans</i> , Myrionema                   | ZR124 | <i>stroemia</i> , Verruca                                 | R41   |
| <i>strangulans</i> , Symphyocarpus               | ZR107 | Stromateidae  | ZG542 |
| <i>strausi</i> , Nebalia                         | S9    | Stromatella   | ZS118 |
| <i>Strawberry anemone</i>                        | D676  | STROMBACEA  | W427  |
| <i>Streaked Gurnard</i>                          | ZG272 | <i>strombus strombus</i> , Phascolion                     | N34   |
| Streblonema                                      | ZR67  | <i>strombus</i> , Phascolion <i>strombus</i>              | N34   |
| Streblosoma                                      | P1250 | <i>stromi</i> , Aega                                      | S818  |
| <i>Streblosoma</i>                               | P1253 | Strongylocentrotidae                                      | ZB203 |
| Streblospio                                      | P797  | Strongylocentrotus  | ZB204 |
| <i>streetsii</i> , Chirundina                    | R450  | <i>struma</i> , Porella                                   | Y389  |
| <i>stemma</i> , Litocorsa                        | P342  | Stryphnus   | C214  |
| <i>strepera</i> , Anas                           | ZJ105 | <i>stultorum</i> , Mactra                                 | W1972 |
| Strepsithalia                                    | ZR234 | <i>stupendus</i> , Myzomolgus                             | R1959 |
| <i>strepsitoxa</i> , Microcionia                 | C1206 | <i>stuposa</i> , <i>Stelligera</i>                        | C456  |
| Streptosyllis                                    | P402  | <i>stuposa</i> , <i>Stelligera</i>                        | C457  |
| Striarca   | W1674 | <i>stuposus</i> , <i>Dictyocylindricus</i>                | C457  |
| Striarcana                                       | W987  | <i>stuposus</i> , <i>Vibulinus</i>                        | C457  |
| Striarcinae                                      | W1673 | <i>Sturgeon</i>   | ZG6   |
| Striaria   | ZR206 | <i>sturio</i> , Acipenser                                 | ZG6   |
| Striariaceae                                     | ZR198 | <i>sturionis</i> , Lafystius                              | S389  |
| <i>striata</i> , <i>Cardiomya</i>                | W2290 | <i>sturionis</i> , Lepeophtheirus                         | R2227 |
| <i>striata</i> , <i>Chlamys</i>                  | W1785 | Styela  | ZD103 |
| <i>striata</i> , Dolichoplana                    | F56   | Styelicola  | R733  |
| <i>striata</i> , Euchromadora                    | HD213 | Styelidae   | ZD100 |
| <i>striata</i> , Fridericia                      | P1523 | Stygarctidae  | V18   |
| <i>striata</i> , Martesia                        | W2189 | Stygocapitella  | P859  |
| <i>striata</i> , Notholca                        | HA31  | Stylactis   | D279  |
| <i>striata</i> , Protolaeospira                  | P1390 | Stylaria  | P1421 |
| <i>striata</i> , Sarsia                          | D188  | Stylarioides  | P883  |
| <i>striata</i> , Semicyctherura                  | R2556 | <i>stylata</i> , Synchaeta                                | HA87  |
| <i>striata</i> , Thalassarachna                  | Q122  | Stylicetodes  | R1582 |
| <i>striata</i> , Xyala                           | HD551 | <i>stylifera</i> , Hemicervinia                           | R814  |
| <i>striaticeps</i> , Vermiliopsis                | P1345 | <i>stylifera</i> , Pelseneeria                            | W657  |
| <i>striatula</i> , Philine                       | W1046 | <i>stylifera</i> , Pseudoturbanella                       | HB104 |
| <i>striatula</i> , <i>Rissoa</i>                 | W350  | <i>stylifera</i> , Temora                                 | R305  |
| <i>striatula</i> , <i>Rissoa</i>                 | W408  | Styliola  | W1188 |
| <i>striatula</i> , <i>Venus</i>                  | W2098 | <i>styliremis</i> , Calocalanus                           | R375  |
| <i>striatum</i> , <i>Buccinum</i>                | W707  | Stylocheiron  | S1269 |
| <i>striatum</i> , Encentrum                      | HA64  | STYLOCHOIDEA  | F63   |
| <i>striatum</i> , Palliolum                      | W1785 | Stylochoplana   | F85   |
| <i>striatus</i> var. <i>laevior</i> , Margarites | W153  | Stylocordyla  | C463  |
| <i>striatus</i> , Butorides                      | ZJ75  | Stylocordylidae   | C460  |
| <i>striatus</i> , <i>Camptonectes</i>            | W1785 | Stylocoronella  | D56   |
| <i>striatus</i> , <i>Cantharidus</i>             | W175  | Stylonema   | ZM12  |
| <i>striatus</i> , Circulus                       | W424  | Styloptilon   | C997  |
| <i>striatus</i> , Dyspontius                     | R2109 | Stylostichon  | C999  |
| <i>striatus</i> , Galatheascus                   | R95   | Stylostomum   | F113  |
| <i>striatus</i> , Jujubinus                      | W175  | <i>Stylostella</i>  | C677  |
| <i>striatus</i> , Margarites                     | W152  | Stypocaulaceae  | ZR303 |
| <i>striatus</i> , Siphonocetes                   | S619  | Stypocaulon   | ZR306 |
| <i>striatus</i> , Thaumaleus                     | R2397 | <i>subaequalis</i> , Ougia                                | P627  |
| <i>stricta</i> , Polysiphonia                    | ZM679 | <i>subaequalis</i> , <i>Schistomeringos</i>               | P627  |
| <i>strictum</i> , Ceramium                       | ZM524 | <i>subagilis</i> , Xanthocalanus                          | R572  |
| <i>strictum</i> , Spermotheramnion               | ZM568 | <i>subauriculata</i> , <i>Lima</i>                        | W1746 |
| <i>strigilata</i> , Higginsia                    | C609  | <i>subauriculata</i> , <i>Limatula</i>                    | W1746 |

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| subcarinatus, Tornus                        | W421  | subtilis, Rhombognathus                         | Q75   |
| subcircinatum, Cytheropteron                | R2536 | subtilissima, Audouinella                       | ZM119 |
| <i>subcircinatum</i> , <i>Cytheropteron</i> | R2536 | subtrigona, Axinulus                            | W1847 |
| <i>subclavata</i> , <i>Mycale</i>           | C733  | <i>subtrigona</i> , <i>Kellia</i>               | W1847 |
| subcoeruleum, Stylonema                     | ZM15  | subtrigonum, Epilepton                          | W1912 |
| <i>subcylindrica</i> , <i>Acmea</i>         | W398  | <i>subtrigonum</i> , <i>Lepton</i>              | W1912 |
| <i>subcylindrica</i> , <i>Cylichnina</i>    | W1083 | <i>subtrigonum</i> , <i>Potidoma</i>            | W1912 |
| subcylindrica, Truncatella                  | W398  | <i>subtrigonus</i> , <i>Axinulus</i>            | W1847 |
| subdebilis, Amphiascoides                   | R1158 | subtruncata, Spisula                            | W1978 |
| <i>subdola</i> , <i>Halichondria</i>        | C564  | subula, Styliola                                | W1189 |
| subdola, Homaxinella                        | C564  | subulata, Agardhiella                           | ZM423 |
| <i>subdola</i> , <i>Pachaxinella</i>        | C564  | subulata, Alloteuthis                           | W2341 |
| <i>suberea</i> , <i>Hymeniacidon</i>        | C418  | <i>subulata</i> , <i>Leiostraca</i>             | W604  |
| Suberites                                   | C414  | subulata, Neocytherideis                        | R2631 |
| Suberitidae                                 | C387  | Subulella                                       | S1126 |
| suberitis, Asterocheres                     | R2081 | subulifera, Anaitides                           | P146  |
| subflaccida, Ulothrix                       | ZS64  | <i>subulifera</i> , <i>Anaitis</i>              | P146  |
| <i>subflaccida</i> , <i>Ulothrix</i>        | ZS64  | subulifera, Polysiphonia                        | ZM680 |
| <i>subfusiformis</i> , <i>Cadulus</i>       | W1554 | succinea, Neanthes                              | P471  |
| subfusiformis, Gadila                       | W1554 | <i>Sucker</i> , <i>Cornish</i>                  | ZG89  |
| subintegra, Erythropeltis                   | ZM33  | suctoria, Tedania                               | C853  |
| <i>subintegra</i> , <i>Erythropeltis</i>    | ZM48  | suecica, Aricidea                               | P682  |
| subintegra, Sahlingia                       | ZM48  | <i>suecica</i> , <i>Bradylaimus</i>             | HD358 |
| sublaevis, Rossia                           | W2315 | suecica, Eteone                                 | P120  |
| sublitoralis, Marionina                     | P1573 | <i>suecica</i> , <i>Hedylopsis</i>              | W1102 |
| sublittoralis, Goniotrichopsis              | ZM11  | suecica, Immergentia                            | Y105  |
| submarginata, Scina                         | S692  | suecica, Metachromadora                         | HD361 |
| submarinum, Chlorococcum                    | ZS12  | <i>suecicum</i> , <i>Tetranchyroderma</i>       | HB82  |
| submarinum, Pseudendoclonium                | ZS112 | <i>Sula</i>                                     | ZJ60  |
| subminuta, Calidris                         | ZJ245 | <i>sulcata</i> , <i>Anemonia</i>                | D679  |
| subnudus, Monoculodes                       | S128  | sulcata, Astarte                                | W1925 |
| <i>suboblonga</i> , <i>Menestho</i>         | W927  | sulcata, Campylaspis                            | S1221 |
| <i>suboblonga</i> , <i>Odosstomia</i>       | W927  | <i>sulcata</i> , <i>Lima</i>                    | W1748 |
| suborbicularis, Kellia                      | W1875 | sulcata, Limatula                               | W1748 |
| <i>subovata</i> , <i>Lima</i>               | W1747 | sulcata, Nucula                                 | W1571 |
| subovata, Limatula                          | W1747 | sulcata, Peltogastrella                         | R104  |
| <i>subpictus</i> , <i>Musculus</i>          | W1718 | sulcata, Pompholyx                              | HA102 |
| subpinnata, Antipathes                      | D645  | sulcata, Sosane                                 | P1167 |
| <i>subquadrata</i> , <i>Acanthodoris</i>    | W1333 | sulcatulum, Neolepton                           | W1917 |
| subruficollis, Tryngites                    | ZJ291 | sulcatus, Gemmosaccus                           | R97   |
| subsalsa, Blidingia                         | ZS146 | sulcatus, Isozoanthus                           | D658  |
| <i>subsalsa</i> , <i>Laophonte</i>          | R1689 | <i>sulcifera</i> , <i>Myonera</i>               | W2292 |
| <i>subsoluta</i> , <i>Actonia</i>           | W345  | Sulculeolaria                                   | D103  |
| subsoluta, Alvania                          | W345  | Sulculeolariinae                                | D102  |
| <i>subsoluta</i> , <i>Turbona</i>           | W345  | Sulculus  | W98   |
| substriata, Montacuta                       | W1892 | sulfurea, Aplysilla                             | C1650 |
| subsulcata, Chlamys                         | W1778 | Sulidae   | ZJ59  |
| subtenellum, Lithothamnion                  | ZM244 | <i>Sulphurbottom</i>                            | ZK67  |
| <i>subterfissum</i> , <i>Dentalium</i>      | W1537 | sulphureus, Pseudosuberites                     | C407  |
| <i>subterfissum</i> , <i>Fissidentalium</i> | W1537 | Sunamphitoe                                     | S535  |
| subterranea, Arenopontia                    | R1547 | Sunampitoe                                      | S536  |
| subterranea, Callianassa                    | S1415 | Sunaristes                                      | R801  |
| subterranea, Heteroxenotrichula             | HB186 | sundevallii, Cheirocratus                       | S506  |
| <i>subterranea</i> , <i>Marionina</i>       | P1566 | <i>Sun-fish</i>                                 | ZG606 |
| subterranea, Marionina                      | P1574 | <i>Sun-fish</i> , <i>Slender</i>                | ZG608 |
| <i>subterranea</i> , <i>Michaelsena</i>     | P1574 | superbus, Octopicola                            | R1796 |
| subterranea, Parthenopea                    | R99   | superbus, Tubulanus                             | G35   |
| subterranea, Stygocapitella                 | P860  | superciliaris, Bougainvillia                    | D258  |
| subterranea, Thalassarachna                 | Q123  | supralittoralis, Ichthydium                     | HB171 |
| subterranea, Turbanella                     | HB115 | supralittoralis, Paraleptastacus                | R1520 |
| subterraneus, Diurodrilus                   | P1059 | <i>supralittoralis</i> , <i>Paraleptastacus</i> | R1520 |
| subterraneus, Enoplolaimus                  | HD24  | <i>supranitida</i> , <i>Aclis</i>               | W591  |
| subterraneus, Paradasy                      | HB33  | supranitidus, Omalaxis                          | W886  |
| subtilis, Krohnitta                         | L6    | <i>Surf Scoter</i>                              | ZJ141 |
| subtilis, Lensia                            | D113  | surmuletus, Mullus                              | ZG374 |
| subtilis, Oncaea                            | R1895 | <i>suturale</i> , <i>Calliostoma</i>            | W169  |

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| <i>suturalis</i> , <i>Chrysalida</i>   | W937  | SYNOCHETA                               | S1057        |
| svetovidovi, <i>Belone</i>             | ZG186 | Synoicum                                | ZD23         |
| swammerdamei, <i>Atylus</i>            | S412  | Synonchiella                            | HD336        |
| <i>swammerdami</i> , <i>Neotropis</i>  | S412  | Synonchus                               | HD79         |
| <i>swammerdami</i> , <i>Nototropis</i> | S412  | synophthalmica, <i>Pholoe</i>           | P94          |
| <i>swammerdami</i> , <i>Paratylus</i>  | S412  | Synopiidae                              | S349         |
| <i>Swan</i> , <i>Bewick's</i>          | ZJ132 | SYNOPIOIDEA                             | S348         |
| <i>Swan</i> , <i>Mute</i>              | ZJ134 | Synthliboramphus                        | ZJ356        |
| <i>Swan</i> , <i>Tundra</i>            | ZJ132 | syringa, <i>Calycella</i>               | D348         |
| <i>Swan</i> , <i>Whooper</i>           | ZJ133 | Syrrhoe                                 | S354         |
| swedmarki, <i>Brania</i>               | P415  | Syrticola                               | R1550        |
| swedmarki, <i>Canuellopsis</i>         | R800  | Stellaspis                              | S1299        |
| swedmarki, <i>Diplodasys</i>           | HB59  | SYSTELLOMMATOPHORA                      | W1494        |
| swedmarki, <i>Meganerilla</i>          | P1044 |   |              |
| swedmarki, <i>Thaumastoderma</i>       | HB90  |   |              |
| swedmarkii, <i>Pterognathia</i>        | IA10  | <b>T</b>                                |              |
| <i>Sweet William</i>                   | ZF37  | <b>Tachidiella</b>                      | <b>R1016</b> |
| Swiftia                                | D607  | Tachidiidae                             | R941         |
| <i>Swinhoe's Storm-petrel</i>          | ZJ47  | Tachidiopsis                            | R1018        |
| swirencoides, <i>Tubificoides</i>      | P1500 | Tachidius                               | R948         |
| <i>Swordfish</i>                       | ZG527 | Tachybaptus                             | ZJ18         |
| <i>Sycandra</i>                        | C131  | Tadorna                                 | ZJ154        |
| <i>Sycandra</i>                        | C98   | tadorna, <i>Tadorna</i>                 | ZJ156        |
| SYCETTIDA                              | C151  | <i>Tadpole-fish</i>                     | ZG138        |
| Sycettidae                             | C126  | Taeniacanthidae                         | R2008        |
| <i>Sycon</i>                           | C131  | Taeniacanthus                           | R2010        |
| <i>Sycortis</i>                        | C131  | <i>taeniatus</i> , <i>Dinophilus</i>    | P602         |
| sydnii, <i>Enterocola</i>              | R746  | <i>taeniatus</i> , <i>Dinophilus</i>    | P604         |
| sykesi, <i>Arculus</i>                 | W1919 | <i>taeniatus</i> , <i>Dinophilus</i>    | P605         |
| Sykidion                               | ZS14  | <i>Tailed Lapwing</i> , <i>White</i>    | ZJ214        |
| Syllidae                               | P346  | Talacalanus                             | R559         |
| Syllides                               | P406  | talismani, <i>Euonyx</i>                | S291         |
| Syllidia                               | P320  | talismani, <i>Fuscapex</i>              | W623         |
| Syllinae                               | P347  | Talitridae                              | S228         |
| Syllis                                 | P358  | TALITROIDEA                             | S220         |
| Sylon                                  | R133  | Talitrus                                | S240         |
| Sylonidae                              | R132  | Talorchestia                            | S242         |
| sylvensis, <i>Eoschizopera</i>         | R1186 | talpa, <i>Apseudes</i>                  | S1177        |
| sylvensis, <i>Proales</i>              | HA38  | <i>tamarindus</i> , <i>Hirschmannia</i> | R2613        |
| sylvaticus, <i>Rhynchodemus</i>        | F54   | Tamarisca                               | D439         |
| SYMBIIDA                               | YA3   | tamarisca, <i>Tamarisca</i>             | D440         |
| Symbiidae                              | YA4   | tamariscifolia, <i>Cystoseira</i>       | ZR370        |
| Symbion                                | YA5   | Tanaella                                | S1128        |
| symbioticus, <i>Protodriloides</i>     | P1084 | TANAIDACEA                              | S1099        |
| <i>symmetros</i> , <i>Kellia</i>       | W1894 | Tanaidae                                | S1102        |
| <i>symmetros</i> , <i>Montacuta</i>    | W1894 | TANAIDOMORPHA                           | S1100        |
| Symphodus                              | ZG393 | Tanais                                  | S1105        |
| <i>Symphodus</i>                       | ZG393 | Tanaissus                               | S1167        |
| Symphycarpus                           | ZR106 | TANAOIDEA                               | S1101        |
| Symplectoscyphus                       | D437  | Tanaopsis                               | S1141        |
| Symplocostoma                          | HD147 | TANTULOCARIDA                           | R138         |
| sympodiocarpa, <i>Sphacelaria</i>      | ZR301 | Tanystylum                              | Q25          |
| Synallactidae                          | ZB231 | Taonia                                  | ZR320        |
| synaptae, <i>Zelinkiella</i>           | HA117 | Taoniinae                               | W2384        |
| Synaptidae                             | ZB290 | Tapes                                   | W2110        |
| Synaptiphilidae                        | R1945 | Tapetinae                               | W2109        |
| Synaptiphilus                          | R1948 | tapetis, <i>Conchyliurus cardii</i>     | R1914        |
| synarthra, <i>Cervinia</i>             | R807  | Taractes                                | ZG344        |
| Synchaeta                              | HA75  | Taractichthys                           | ZG346        |
| Synchaetidae                           | HA70  | tarda, <i>Pasiphaea</i>                 | S1309        |
| Synchelidium                           | S136  | TARDIGRADA                              | V1           |
| Syncoryne                              | D181  | tardus, <i>Camacolaimus</i>             | HD444        |
| Syngnathidae                           | ZG235 | tardus, <i>Thalassoalaimus</i>          | HD102        |
| SYNGNATHIFORMES                        | ZG231 | Tarvaia                                 | HD452        |
| Syngnathus                             | ZG244 | Tarvaiidae                              | HD451        |
| Synisoma                               | S943  | tasmanica, <i>Sagitta</i>               | L27          |
|  |       | Tateinae                                | W391         |



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| tatinae, Pseudomesochra                               | R1227 | <i>tenella</i> , <i>Tellimya</i>      | W1896 |
| <i>Tattler</i> , Grey Tailed                          | ZJ280 | tenella, Tisbe                        | R1002 |
| <i>Tattler</i> , Grey-tailed                          | ZJ252 | Tenellia                              | W1442 |
| <i>tau</i> , <i>Nitocra</i>                           | R1296 | tenellum, Halecium                    | D399  |
| <i>Tauberia</i>                                       | P692  | tenellum, Nymphon                     | Q12   |
| <i>tauricus</i> , <i>Leptastacus</i>                  | R1524 | tenellus, Amphiascus                  | R1173 |
| <i>tauriformes</i> , <i>Hyperoche</i>                 | S736  | tenellus, Choristocarpus              | ZR283 |
| <i>Taurulus</i>                                       | ZG279 | tenellus, Harpacticus                 | R963  |
| <i>Taurulus</i>                                       | ZG282 | tenera, Leptocythere                  | R2603 |
| <i>tautraense</i> , <i>Pomponema</i>                  | HD291 | tenera, Monacilla                     | R405  |
| <i>tavina</i> , <i>Synchaeta</i>                      | HA88  | tenera, Notodelphys                   | R714  |
| <i>taxilianus</i> , <i>Paracyathus</i>                | D783  | tenera, Paralaophonte                 | R1732 |
| <i>taylori</i> , <i>Sphaerosyllis</i>                 | P430  | <i>tenera</i> , <i>Rossia</i>         | W2317 |
| <i>Teal</i>   | ZJ98  | tenera, Semirossia                    | W2317 |
| <i>Teal</i> , <i>Baikal</i>                           | ZJ100 | tenera, Sertularia                    | D436  |
| <i>Teal</i> , <i>Blue-winged</i>                      | ZJ99  | tenera, Styela                        | ZD117 |
| <i>Teal</i> , <i>Common</i>                           | ZJ98  | tenera, Tisbe                         | R1003 |
| <i>tecta</i> , <i>Neochromadora</i>                   | HD242 | tenera, Ulva                          | ZS185 |
| <i>tectirostris</i> , <i>Copidognathus</i>            | Q110  | <i>tenerrima</i> , <i>Leucosyrinx</i> | W783  |
| <i>tectosinensis</i> , <i>Coralliophila</i>           | W696  | tenerrimum, Ceramium                  | ZM525 |
| <i>Tectura</i>  | W222  | tenerum, Halectinosoma                | R876  |
| <i>tecusa</i> , <i>Lindia</i>                         | HA41  | <i>tenerum</i> , <i>Trididemnum</i>   | ZD45  |
| <i>Tedania</i>  | C851  | tenerum, Trididemnum                  | ZD47  |
| <i>Tedaniidae</i>                                     | C847  | tentabunda, Chromadorita              | HD224 |
| <i>teedei</i> , <i>Chondracanthus</i>                 | ZM343 | TENTACULATA                           | E2    |
| <i>teedei</i> , <i>Gigartina</i>                      | ZM343 | <i>tentaculata</i> , <i>Audouinia</i> | P839  |
| <i>Tegastes</i>                                       | R1052 | tentaculata, Cirriformia              | P839  |
| <i>Tegastidae</i>                                     | R1049 | tentaculatus, Halichaetonotus         | HB159 |
| <i>Tegella</i>  | Y213  | Tentorium                             | C375  |
| <i>Tegulaherpia</i>                                   | W22   | <i>tenua</i> , <i>Brocchina</i>       | W416  |
| <i>teissieri</i> , <i>Anthessius</i>                  | R1985 | <i>tenua</i> , <i>Caecum</i>          | W416  |
| <i>teissieri</i> , <i>Endectyon</i>                   | C1284 | tenua, Phymatolithon                  | ZM260 |
| <i>teissieri</i> , <i>Eudendrium</i>                  | D228  | tenuicauda, Lucicutia                 | R268  |
| <i>teissieri</i> , <i>Loxosomella</i>                 | K39   | tenuicauda, Porcellidium              | R1033 |
| <i>teissieri</i> , <i>Microcharon</i>                 | S897  | tenuicaudatus, Bathylaimus            | HD158 |
| <i>teissieri</i> , <i>Paraturbanella</i>              | HB102 | tenuicaudatus, Paralinhomoeus         | HD579 |
| <i>teissieri</i> , <i>Psammascidia</i>                | ZD97  | tenuicaudis, Athelges                 | S989  |
| <i>tela</i> , <i>Semicytherura</i>                    | R2557 | tenuicolle, Symplocostoma             | HD148 |
| TELEOSTEI   | ZG7   | tenuicornis, Ameira                   | R1301 |
| <i>telescopus</i> , <i>Epigonus</i>                   | ZG318 | tenuicornis, Ampelisca                | S440  |
| <i>Tellamia</i>                                       | ZS123 | tenuicornis, Diosaccus                | R1183 |
| <i>Tellimya</i>                                       | W1901 | tenuicornis, Interleptomesochra       | R1315 |
| <i>Tellina</i>  | W2012 | tenuicornis, Leander                  | S1314 |
| TELLINACEA  | W2007 | tenuicornis, Mesocalanus              | R366  |
| <i>tellinella</i> , <i>Gari</i>                       | W2049 | tenuicornis, Photis                   | S555  |
| <i>Tellinidae</i>                                     | W2008 | tenuicornis, Typhlotanais             | S1157 |
| <i>Tellininae</i>                                     | W2009 | <i>tenuicula</i> , <i>Hymedesmia</i>  | C429  |
| <i>Telmatactis</i>                                    | D726  | tenuifurca, Normanella                | R1762 |
| <i>Telopsammis</i>                                    | R1606 | tenuifurcatus, Zygomolgus             | R1861 |
| <i>temminckii</i> , <i>Calidris</i>                   | ZJ246 | tenuimana, Candacia                   | R314  |
| <i>Temminck's Stint</i>                               | ZJ246 | <i>tenuimana</i> , <i>Maera</i>       | S521  |
| <i>Temora</i>   | R303  | tenuimana, Maerella                   | S521  |
| <i>Temoridae</i>                                      | R297  | tenuimana, Metopa                     | S202  |
| <i>Temoropia</i>                                      | R306  | tenuimanus, Amphilocheus              | S161  |
| <i>tempestivus</i> , <i>Chaetonotus</i>               | HB145 | tenuimanus, Typhlotanais              | S1158 |
| <i>tenebrosa</i> , <i>Littorina saxatilis</i>         | W306  | tenuipes, Bathyporeia                 | S459  |
| <i>tenella</i> var. <i>pelagica</i> , <i>Limopsis</i> | W1685 | tenuipes, Cletodes                    | R1570 |
| <i>tenella</i> , <i>Ameira</i>                        | R1300 | tenuipes, Ectinosoma                  | R843  |
| <i>tenella</i> , <i>Cithna</i>                        | W352  | tenuireme, Halectinosoma              | R877  |
| <i>tenella</i> , <i>Decipula</i>                      | W1896 | tenuiremis, Amphiascus                | R1174 |
| <i>tenella</i> , <i>Iphinoe</i>                       | S1202 | tenuiremis, Itunella                  | R1472 |
| <i>tenella</i> , <i>Montacuta</i>                     | W1896 | tenuirostre, Copidozoum               | Y218  |
| <i>tenella</i> , <i>Pseudobradya</i>                  | R918  | tenuirostris, Calidris                | ZJ247 |
| <i>tenella</i> , <i>Sertularella</i>                  | D431  | tenuirostris, Macropodia              | S1533 |
| <i>tenella</i> , <i>Sertularella</i>                  | D432  | tenuis borealis, Petaloproctus        | P986  |
| <i>tenella</i> , <i>Stilophora</i>                    | ZR263 | tenuis, Abra                          | W2064 |

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| tenuis, Angulus                    | W2012 | <i>Tern, Aleutian</i>               | ZJ336 |
| tenuis, Apistobranchus             | P711  | <i>Tern, Arctic</i>                 | ZJ345 |
| tenuis, Chromadorita               | HD225 | <i>Tern, Black</i>                  | ZJ331 |
| tenuis, Entocladia                 | ZS97  | <i>Tern, Bridled</i>                | ZJ337 |
| tenuis, Haloptilus                 | R199  | <i>Tern, Caspian</i>                | ZJ339 |
| tenuis, Lafoeina                   | D353  | <i>Tern, Common</i>                 | ZJ343 |
| tenuis, Leptanthura                | S808  | <i>Tern, Forster's</i>              | ZJ341 |
| tenuis, Leptochiton                | W59   | <i>Tern, Gull-billed</i>            | ZJ333 |
| <i>tenuis, Lionucula</i>           | W1577 | <i>Tern, Lesser Crested</i>         | ZJ338 |
| tenuis, Megastomia conoidea var.   | W953  | <i>Tern, Little</i>                 | ZJ335 |
| <i>tenuis, Nucula</i>              | W1577 | <i>Tern, Roseate</i>                | ZJ340 |
| tenuis, Parargestes                | R1666 | <i>Tern, Royal</i>                  | ZJ344 |
| tenuis, Polycelis                  | F30   | <i>Tern, Sandwich</i>               | ZJ346 |
| tenuis, Robertsonia                | R1248 | <i>Tern, Sooty</i>                  | ZJ342 |
| tenuis, Sciaenophilus              | R2232 | <i>Tern, Whiskered</i>              | ZJ329 |
| <i>tenuis, Tellina</i>             | W2012 | <i>Tern, White-winged</i>           | ZJ330 |
| tenuis, Thaumaleus                 | R2398 | <i>Tern, White-winged Black</i>     | ZJ330 |
| tenuisetis, Polycirrus             | P1245 | ternata, Tricellaria                | Y282  |
| tenuispiculum, Daptonema           | HD519 | ternifolia, Antithamnionella        | ZM498 |
| tenuispiculum, Desmodora           | HD348 | Terpios                             | C428  |
| <i>tenuispiculum, Desmodorella</i> | HD341 | terrestris, Microplana              | F60   |
| <i>tenuispiculum, Microlaimus</i>  | HD412 | terricola, Eurystomina              | HD143 |
| tenuispinus, Echinus               | ZB200 | terricola, Petaloproctus            | P987  |
| tenuispinus, Gaidius               | R475  | Terschellingia                      | HD585 |
| tenuispinus, Pontaster             | ZB43  | Tervia                              | Y48   |
| tenuissima, Arenosetella           | R823  | Terviidae                           | Y47   |
| <i>tenuissima, Chondria</i>        | ZM630 | teschi, Pneumodermopsis             | W1218 |
| tenuissima, Derbesia               | ZS235 | Tessaradoma                         | Y395  |
| <i>tenuissima, Geliidiella</i>     | ZM164 | Tessaradomidae                      | Y394  |
| tenuissima, Microcionia            | C1207 | tesselata, Draculiciteria           | HB179 |
| tenuissima, Punctaria              | ZR181 | tesselata, Glycera                  | P264  |
| tenuissimum, Antithamnion          | ZM492 | tesselatum, Pomponema               | HD292 |
| tenuissimum, Paradoxostoma         | R2659 | <i>tessellata, Grantia</i>          | C135  |
| tenuissimum, Streblonema           | ZR80  | tessellata, Pyura                   | ZD141 |
| Terebella                          | P1222 | <i>tessulata, Acmaea</i>            | W223  |
| terebellae, Aphanodomus            | R2194 | testae, Alvania                     | W346  |
| TEREBELLIDA                        | P1099 | <i>testudinalis, Acmaea</i>         | W223  |
| Terebellidae                       | P1179 | <i>testudinalis, Collisella</i>     | W223  |
| Terebellides                       | P1174 | testudinalis, Tectura               | W223  |
| terebellidis, Haematocleptes       | P593  | <i>testudinaria, Corambe</i>        | W1298 |
| terebellum, Chrysallida            | W940  | testudinaria, Neocorambe            | W1298 |
| terebrans, Chelura                 | S603  | Testudinella                        | HA103 |
| TEREBRATELLACEA                    | X32   | Testudinellidae                     | HA92  |
| TEREBRATELLIDINA                   | X31   | TESTUDINES                          | ZI2   |
| TEREBRATULACEA                     | X23   | <i>testudo, Acanthonotus</i>        | S374  |
| TEREBRATULIDA                      | X21   | testudo, Pereionotus                | S392  |
| Terebratulidae                     | X24   | Tethya                              | C339  |
| TEREBRATULIDINA                    | X22   | Tethyidae                           | C330  |
| Terebratulina                      | X28   | Tethyspira                          | C1336 |
| Teredinidae                        | W2197 | Tetilla                             | C310  |
| Teredininae                        | W2198 | Tetillidae                          | C290  |
| Teredo                             | W2199 | tetrabanchia, Paramphitrite         | P1213 |
| Teredora                           | W2207 | <i>tetrabanchiata, Microdonta</i>   | W1224 |
| Teredothyra                        | W2209 | <i>tetrabanchiata, Notobranchea</i> | W1224 |
| <i>Terek Sandpiper</i>             | ZJ293 | tetrabanchiata, Schleschia          | W1224 |
| <i>teres, Cypridina</i>            | R2429 | tetracerus, Malacoceros             | P738  |
| <i>teres, Teretia</i>              | W868  | Tetraclitidae                       | R60   |
| teresae, Schizomavella             | Y477  | TTRACTINOMORPHA                     | C175  |
| Teretia                            | W867  | tetragona, Abylopsis                | D133  |
| tergestina, Evadne                 | R8    | tetragona, Arca                     | W1662 |
| tergestinum, Stenothoe             | S216  | <i>tetragona, Leanira</i>           | P100  |
| Tergipedidae                       | W1426 | tetragona, Neoleanira               | P100  |
| Tergipes                           | W1427 | Tetragoniceps                       | R1448 |
| tergipes, Tergipes                 | W1428 | Tetragonicipitidae                  | R1436 |
| terminale, Hecatonema              | ZR175 | tetragonum, Callithamnion           | ZM505 |
| terminalis, Filinia                | HA97  | Tetragonuridae                      | ZG538 |

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| Tetragonurus                      | ZG539 | Thesbia                                 | W869  |
| tetralix, Sphaerosyllis           | P431  | Thespesiopsyllidae                      | R628  |
| Tetranchyroderma                  | HB74  | Thespesiopsyllus                        | R629  |
| tetraodon, Pisa                   | S1540 | thetis, Nectopyramis                    | D92   |
| Tetraodontidae                    | ZG601 | Thetys                                  | ZD202 |
| TETRAODONTIFORMES                 | ZG595 | Thia                                    | S1558 |
| tetraphylla, Liriope              | D562  | <i>Thickback Sole</i>                   | ZG588 |
| Tetraplatia                       | D54   | <i>Thick-lipped Mullet</i>              | ZG380 |
| Tetrapturus                       | ZG523 | thielei, Axinella                       | C555  |
| Tetrastemma                       | G117  | Thiidae                                 | S1557 |
| Tetrastemmatidae                  | G116  | Thilea                                  | W1172 |
| Tetrathyrus                       | S781  | <i>Thin-lipped grey mullet</i>          | ZG383 |
| tetraura, Lumbrineris             | P584  | Thliptodon                              | W1234 |
| tetricum, Callithamnion           | ZM506 | Thliptodontidae                         | W1233 |
| Teuchoporidae                     | Y419  | thompsoni, Giardella                    | R1918 |
| TEUTHOIDEA                        | W2334 | thompsoni, Lepeophtheirus               | R2228 |
| Teuthowenia                       | W2389 | thompsoni, Platycyamus                  | S672  |
| teutonicus, Bolbolaimus           | HD396 | thompsoni, Thaumaleus                   | R2399 |
| <i>texturata</i> , <i>Ophiura</i> | ZB170 | Thompsonula                             | R951  |
| Thalassarachna                    | Q115  | Thompsonulidae                          | R950  |
| Thalassema                        | O8    | thomsoni, Dorhynchus                    | S1524 |
| thalasseum, Thalassema            | O9    | <i>thomsoni</i> , <i>Labidoplax</i>     | ZB305 |
| THALASSINIDEA                     | S1403 | thomsoni, Oestergrenia                  | ZB305 |
| THALASSINOIDEA                    | S1404 | THORACICA                               | R15   |
| Thalassironus                     | HD61  | thoracica, lone                         | S1009 |
| Thalassoalaimus                   | HD101 | thoracica, Laophonte                    | R1719 |
| Thalassodrilides                  | P1472 | Thoracostoma                            | HD83  |
| Thalassodrilus                    | P1462 | Thoracostomopsidae                      | HD13  |
| Thalassomonhystera                | HD496 | Thoracostomopsis                        | HD37  |
| thalassophygas, Adoncholaimus     | HD108 | Thoralus                                | S1359 |
| Thalestridae                      | R1061 | thorelli, Doropygella                   | R697  |
| Thalestrinae                      | R1062 | thorelli, Pseudanthessius               | R1870 |
| Thalestris                        | R1077 | thori, Arnoglossus                      | ZG563 |
| thalestroides, Amphiascopsis      | R1162 | <i>thori</i> , <i>Taonius</i>           | W2390 |
| Thalia                            | ZD196 | <i>Thomback Ray</i>                     | ZF89  |
| THALIACEA                         | ZD173 | Thorogobius                             | ZG482 |
| thallia, Anthopleura              | D689  | <i>Thor's Scaldfish</i>                 | ZG563 |
| Thamniochloris                    | ZS126 | Thracia                                 | W2227 |
| <i>Tharsiella</i>                 | W200  | THRACIACEA                              | W2225 |
| Tharybidae                        | R524  | Thraciidae                              | W2226 |
| Tharybis                          | R525  | <i>Three-bearded Rockling</i>           | ZG119 |
| Tharyx                            | P847  | <i>Three-spined Stickleback</i>         | ZG226 |
| <i>Tharyx</i>                     | P847  | <i>Thresher</i>                         | ZF22  |
| Thaumaleus                        | R2392 | Threskiornithidae                       | ZJ83  |
| thausasius, Paracanthochus        | HD309 | Thrombidae                              | C276  |
| Thaumastoderma                    | HB85  | Thrombus                                | C277  |
| Thaumastodermatidae               | HB50  | Thuiaria                                | D441  |
| Thaumastodermatinae               | HB61  | thuja, Thuiaria                         | D443  |
| thea, Dexamine                    | S416  | <i>thulensis</i> , <i>Paracyathus</i>   | D783  |
| Thecacera                         | W1358 | Thunnus                                 | ZG512 |
| THECANEPHRIDA                     | M16   | Thuretella                              | ZM357 |
| <i>Thecocarpus</i>                | D486  | thuretii, Choreonema                    | ZM201 |
| Thecocodium                       | D207  | thuyoides, Boergesenella                | ZM624 |
| THECOSOMATA                       | W1163 | thuyoides, Compsothamnion               | ZM529 |
| theeli, Tubulanus                 | G36   | <i>thuyoides</i> , <i>Pterosiphonia</i> | ZM624 |
| Thelepodinae                      | P1247 | Thyasira                                | W1835 |
| Thelepus                          | P1253 | thyasirae, Axinophilus                  | R2403 |
| Themisto                          | S739  | Thyasiridae                             | W1833 |
| themistoides, Lycaeopsis          | S761  | Thyasirinae                             | W1834 |
| Thenea                            | C272  | thymalli, Salmincola                    | R2367 |
| Theneidae                         | C269  | Thymosia                                | C320  |
| Theodoxus                         | W254  | thynni, Brachiella                      | R2331 |
| <i>Theristus</i>                  | HD516 | thynnus, Thunnus                        | ZG516 |
| Theristus                         | HD521 | Thyone                                  | ZB261 |
| <i>Theristus</i>                  | HD542 | Thyonidium                              | ZB281 |
| Thersitina                        | R1792 | Thysanocardia                           | N27   |

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| Thysanoessa                          | S1272 | <i>Topknot, Eckstrom's</i>         | ZG552 |
| thysanorhizans, Radicilingua         | ZM620 | <i>Topknot, Norwegian</i>          | ZG551 |
| Thysanoteuthidae                     | W2377 | topsenti, Halichondria             | C655  |
| Thysanoteuthis                       | W2378 | topsenti, Hymetrochota             | C1049 |
| Thysanozoon                          | F100  | <i>Topsentia</i>                   | C680  |
| Tiarannidae                          | D304  | torda, Alca                        | ZJ349 |
| Tiaropsidae                          | D325  | torelli, Macoma                    | W2033 |
| Tiaropsis                            | D326  | torelli, Potamilla                 | P1312 |
| tiberi, Callipallene                 | Q38   | tornatilis, Acteon                 | W1006 |
| <i>tigerina, Chlamys</i>             | W1786 | Tornidae                           | W419  |
| tigerinum, Palliolium                | W1786 | Tornus                             | W420  |
| <i>tigerinus, Camptonectes</i>       | W1786 | torosa, Aponema                    | HD394 |
| tigrina, Dugesia                     | F23   | torosa, Cyprideis                  | R2511 |
| <i>tigrinus, Camptonectes</i>        | W1786 | Torpedinidae                       | ZF76  |
| tigrinus, Gammarus                   | S482  | TORPEDINIFORMES                    | ZF75  |
| Tigriopus                            | R967  | torpedinis, Branchellion           | P1584 |
| Tilopteridaceae                      | ZR275 | Torpedo                            | ZF77  |
| TILOPTERIDALES                       | ZR274 | torquata, Clymenella               | P954  |
| Tilopteris                           | ZR278 | torquata, Eunice                   | P559  |
| Tima                                 | D376  | Torrea                             | P211  |
| Timea                                | C432  | <i>torus, Colus</i>                | W717  |
| Timeidae                             | C431  | <i>Torsk</i>                       | ZG109 |
| timida, Edwardsia                    | D769  | torta, Enteromorpha                | ZS165 |
| timidus, Cestopagurus                | S1451 | <i>torta, Enteromorpha</i>         | ZS165 |
| Timoclea                             | W2103 | tortilis, Stictyosiphon            | ZR205 |
| tinctoria, Rytiphlaea                | ZM693 | Tortugaster                        | R111  |
| <i>tinei, Danilia</i>                | W146  | tortuosum, Rhizoclonium            | ZS218 |
| tintinnabulum, Megabalanus           | R82   | <i>tortuosus attenuatus, Colus</i> | W717  |
| Tiron                                | S356  | torulis, Demonax                   | P1276 |
| Tisbe                                | R983  | torva, Planaria                    | F26   |
| Tisbidae                             | R974  | totanus, Tringa                    | ZJ289 |
| Tisbinae                             | R975  | <i>toffeni, Hydrobia</i>           | W387  |
| tisboides, Dactylopusia              | R1094 | toulemonti, Ampelisca              | S441  |
| <i>tisboides, Scutellidium</i>       | R982  | toximajor, Microciona              | C1208 |
| Titanoderma                          | ZM272 | <i>toxitenuis, Clathria</i>        | C1209 |
| <i>titubans, Sipunculus</i>          | N9    | toxitenuis, Microciona             | C1209 |
| Tjaernoieia                          | W999  | Toxopneustidae                     | ZB206 |
| Tjaernoieidae                        | W998  | <i>trachea, Caecum</i>             | W414  |
| Tmetonyx                             | S335  | Trachelobdella                     | P1618 |
| <i>Tmetonyx</i>                      | S341  | Trachichthyidae                    | ZG203 |
| tobianus, Ammodytes                  | ZG444 | Trachinidae                        | ZG401 |
| Todarodes                            | W2372 | Trachinotus                        | ZG335 |
| Todarodinae                          | W2371 | Trachinus                          | ZG402 |
| Todaropsis                           | W2369 | Trachipteridae                     | ZG220 |
| <i>togatus, Colus</i>                | W719  | Trachipterus                       | ZG221 |
| <i>togatus, Siphonorbis</i>          | W719  | Trachurus                          | ZG337 |
| tomentosa, Chorda                    | ZR347 | trachurus, Trachurus               | ZG338 |
| tomentosa, Jorunna                   | W1386 | Trachyleberididae                  | R2664 |
| tomentosa, Myriocladia               | ZR228 | TRACHYMEDUSAE                      | D559  |
| <i>tomentosoides, Codium fragile</i> | ZS249 | Trachyrhynchus                     | ZG166 |
| tomentosoides, Laminariocolax        | ZR52  | trachyrhynchus, Trachyrhynchus     | ZG167 |
| tomentosum, Codium                   | ZS250 | Trachyscorpia                      | ZG258 |
| tomentosum, Spongonema               | ZR66  | <i>Trachysma</i>                   | W206  |
| <i>tomlini, Yoldiella</i>            | W1627 | Trachythyone                       | ZB280 |
| <i>tomliniana, Diaphana</i>          | W1059 | Tragula                            | W967  |
| <i>tomlinianus, Utriculus</i>        | W1059 | Trailliella                        | ZM148 |
| Tomopteridae                         | P241  | traillii, Erythrodermis            | ZM399 |
| Tomopteris                           | P244  | <i>traillii, Phyllophora</i>       | ZM399 |
| <i>Tompot Blenny</i>                 | ZG414 | transatlantica, Notodelphys        | R715  |
| <i>Tongue Sole, Nigerian</i>         | ZG594 | <i>transiens, Artemisina</i>       | C1118 |
| Tonicella                            | W80   | transiens, Artemisina              | C1120 |
| TONNACEA                             | W500  | translucidum, Didemnopsis          | ZD43  |
| tonsa, Acartia                       | R348  | <i>Transparent Goby</i>            | ZG457 |
| tonsa, Pareuchaeta                   | R510  | <i>Transparent Hatchet-fish</i>    | ZG73  |
| <i>Tope</i>                          | ZF35  | <i>transversa, Lyonsiella</i>      | W2261 |
| <i>Topknot</i>                       | ZG558 | Trapania                           | W1316 |

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| Trapeziidae                                 | W2075 | <i>tridens</i> , Geryon                   | S1601 |
| Travisia                                    | P1006 | tridens, Scaptognathus                    | Q133  |
| Travisiinae                                 | P1005 | tridens, Synaptiphilus                    | R1951 |
| Travisiopsis                                | P236  | Tridentata                                | D445  |
| Trebiidae                                   | R2236 | tridentata, Cavolinia                     | W1180 |
| Trebius                                     | R2237 | <i>tridentata</i> , Nerinides             | P785  |
| Trefusia                                    | HD173 | tridentata, Scolelepis                    | P785  |
| trefusiaeformis, Cobbia                     | HD507 | <i>tridentatum</i> , <i>Trididemnum</i>   | ZD54  |
| TREFUSIIDA                                  | HD169 | tridentatus, Placostegus                  | P1338 |
| Trefusiidae                                 | HD170 | tridentatus, Spirorbis                    | P1397 |
| <i>tremellaris</i> , <i>Leptoplana</i>      | B26   | Trididemnum                               | ZD44  |
| tremellaris, <i>Leptoplana</i>              | F84   | Tridonta                                  | W1930 |
| tremulans, Octohydra                        | D554  | trieri, Paradoxostoma                     | R2660 |
| tremulus, <i>Parastichopus</i>              | ZB239 | <i>trifasciata</i> , <i>Eulima</i>        | W603  |
| <i>tremulus</i> , <i>Stichopus</i>          | ZB239 | <i>Trigger-fish</i> , Grey                | ZG598 |
| <i>trevelliana</i> , <i>Lora</i>            | W823  | <i>Trigger-fish</i> , Rough               | ZG600 |
| trevelliana, Oenopota                       | W823  | Trigla                                    | ZG268 |
| trevelyanum, Epitonium                      | W553  | triglae, Neobrachiella                    | R2358 |
| <i>trevelyanus</i> , <i>Clathrus</i>        | W553  | Triglidae                                 | ZG260 |
| triacantha, Peracle                         | W1199 | Trigloporus                               | ZG271 |
| <i>triacantha</i> , <i>Peraclis</i>         | W1199 | Triglops                                  | ZG284 |
| Triakidae                                   | ZF33  | trigona, Scinaia                          | ZM130 |
| <i>triangularis</i> , <i>Astarte</i>        | W1929 | trigonella, Propontocypris                | R2710 |
| <i>triangularis</i> , Goodallia             | W1929 | trigoniceps, Onchocalanus                 | R552  |
| triangulata, Artioposthia                   | F49   | Trileptium                                | HD39  |
| Triangulus                                  | R113  | trilineata, Eulalia                       | P158  |
| triarticulatum, Klieosoma                   | R889  | triloba, Latrunculia                      | C510  |
| triarticulatus, <i>Paramphiascopsis</i>     | R1208 | <i>trilobata</i> , <i>Amaea</i>           | P1229 |
| <i>triarticulatus</i> , <i>Paranannopus</i> | R1601 | trilobata, Amaeana                        | P1229 |
| triarticulatus, <i>Paranannopus</i>         | R1602 | trilobata, Laophonte                      | R1720 |
| tribolosum, Tetranchyroderma                | HB84  | Trilobodrilus                             | P645  |
| tribullata, Hauchiella                      | P1231 | Trinchesia                                | W1431 |
| tribuloides, Sphacelaria                    | ZR302 | Tringa                                    | ZJ279 |
| Tricellaria                                 | Y280  | trionyx, Rhombognathides                  | Q72   |
| Trichethmolaimus                            | HD282 | Triophidae                                | W1338 |
| Tricheurypon                                | C1341 | Triophinae                                | W1339 |
| Trichiuridae                                | ZG489 | triphthalma, Synchaeta                    | HA89  |
| Trichiurus                                  | ZG496 | Tripaphylus                               | R2319 |
| Trichobranchidae                            | P1171 | tripapillata, Chitwoodia                  | HD464 |
| Trichobranchus                              | P1176 | TRIPHORACEA                               | W528  |
| Trichocerca                                 | HA43  | Triphoridae                               | W529  |
| Trichocercidae                              | HA42  | Triphorinae                               | W530  |
| trichodes, Pseudocella                      | HD78  | <i>triphylia</i> , <i>Peachia</i>         | D755  |
| Trichogypsia                                | C106  | tripinnatum, Aglaothamnion                | ZM485 |
| Trichoniscidae                              | S1059 | Triptygiidae                              | ZG420 |
| Trichoniscinae                              | S1060 | Triptyrygion                              | ZG421 |
| TRICHONISCOIDEA                             | S1058 | tripunctata, Eulalia                      | P159  |
| Trichoniscoides                             | S1065 | tripunctata, Limnoria                     | S840  |
| Trichoniscus                                | S1067 | Tripyloides                               | HD161 |
| trichophora, Neochromadora                  | HD243 | Tripyloididae                             | HD150 |
| <i>Trichotheristus</i>                      | HD516 | TRIPYLOIDINA                              | HD149 |
| Trichotheristus                             | HD534 | triqueter, Pomatoceros                    | P1341 |
| Trichotropis                                | W444  | <i>triradiatus</i> , <i>Camptonectus</i>  | W1786 |
| Trichydra                                   | D293  | Trischizostoma                            | S338  |
| TRICLADIDA                                  | F3    | trisetosus, <i>Amphiascus graciloides</i> | R1166 |
| Tricolia                                    | W137  | trisetosus, <i>Amphiascus graciloides</i> | R1166 |
| Tricoliinae                                 | W136  | trisetosus, Leptocaris                    | R937  |
| tricolor, Eubranchus                        | W1450 | Trisopterus                               | ZG141 |
| tricolor, Phalaropus                        | ZJ274 | trispinata, Nicomache                     | P982  |
| Tricoma                                     | HD486 | <i>trispinata</i> , <i>Nicomache</i>      | P982  |
| tricristatus, Leptocheirus                  | S591  | trispinosa, Diacria                       | W1182 |
| tricuspidatus, Symplectoscyphus             | D438  | trispinosa, Iphinoe                       | S1203 |
| tricuspis, Agauopsis                        | Q81   | trispinosa, Parasmittina                  | Y465  |
| tridactyla, Glycera                         | P265  | trispinosus, Geryon                       | S1601 |
| tridactyla, Rissa                           | ZJ324 | trispinosus, Philoceras                   | S1390 |
| tridens, Aega                               | S819  | trispinosus, Syrticola                    | R1552 |

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| Trissonchulus  | HD63  | truncatus, Tursiops                       | ZK28  |
| <i>trisulcatus</i> , <i>Penaeus</i>                        | S1284 | trutta, Salmo                             | ZG51  |
| Tritaeta   | S419  | Trychydridae                              | D292  |
| Triticella   | Y118  | Tryngites                                 | ZJ290 |
| Triticellidae  | Y117  | Trypanosyllis                             | P361  |
| Tritonia   | W1246 | Trypetesa                                 | R89   |
| Tritoniidae  | W1245 | Trypetesidae                              | R88   |
| Trivia   | W457  | Tryphana                                  | S772  |
| Triviidae  | W455  | Tryphanidae                               | S771  |
| Triviinae  | W456  | Tryphoema                                 | R1628 |
| TROCHACEA  | W128  | Tryphosa                                  | S342  |
| Trochaclidinae   | W191  | Tryphosella                               | S341  |
| Trochaclis   | W192  | Tryphosites                               | S345  |
| trochi, Epimolgus  | R1826 | Tryploides                                | HD162 |
| Trochicola   | R1976 | Trypostega                                | Y340  |
| Trochidae  | W140  | Tsengia                                   | ZM381 |
| trochiformis, <i>Skeneopsis planorbis</i> var.             | W313  | <i>Tub Gumard</i>                         | ZG269 |
| Trochinae  | W156  | tuba, Lumbricillus                        | P1558 |
| Trochochaeta   | P714  | <i>tuberala</i> , <i>Iphitella</i>        | W580  |
| Trochochaetidae  | P713  | tubercularis, <i>Cerithiopsis</i>         | W275  |
| <i>trochoide</i> , <i>Cyclostrema</i>                      | W1    | tuberculata, <i>Acanthocardia</i>         | W1946 |
| trochoides, <i>Skenea</i>                                  | W199  | <i>tuberculata</i> , <i>Actinia</i>       | D684  |
| <i>trochoides</i> , <i>Tharsiella</i>                      | W1    | tuberculata, <i>Caprella</i>              | S649  |
| troglochaetoides, <i>Nerillidium</i>                       | P1052 | tuberculata, <i>Cyclopina</i>             | R644  |
| trogloodytes, <i>Sagartia</i>                              | D715  | <i>tuberculata</i> , <i>Doris</i>         | W1376 |
| <i>trogloodytes</i> var. <i>decorata</i> , <i>Sagartia</i> | D715  | tuberculata, <i>Doto</i>                  | W1289 |
| <i>trogloodytes</i> var. <i>ornata</i> , <i>Sagartia</i>   | D714  | tuberculata, <i>Dulichia</i>              | S626  |
| <i>Trophon</i>   | W674  | <i>tuberculata</i> , <i>Ectinosoma</i>    | R838  |
| <i>Trophon</i>   | W675  | tuberculata, <i>Epimeria</i>              | S376  |
| <i>Tropical Two-wing Flying-fish</i>                       | ZG180 | tuberculata, <i>Eurysyllis</i>            | P355  |
| Tropidomya   | W2293 | tuberculata, <i>Haliotis</i>              | W99   |
| trouessarti, <i>Scaptognathus</i>                          | Q134  | tuberculata, <i>Pholoe</i>                | P95   |
| <i>Trout</i>   | ZG51  | tuberculata, <i>Robertsonites</i>         | R2679 |
| <i>True's Beaked Whale</i>                                 | ZK57  | tuberculatus, <i>Laetmatophilus</i>       | S631  |
| <i>Trumpet anemone</i>                                     | D700  | tuberculatus, <i>Macropipus</i>           | S1587 |
| truncata, <i>Aetea</i>                                     | Y156  | tuberculatus, <i>Monoculodes</i>          | S129  |
| truncata, <i>Coccotylus</i>                                | ZM395 | <i>tuberculosa</i> , <i>Noenia</i>        | S544  |
| truncata, <i>Coronopora</i>                                | Y68   | tuberculosa, <i>Scyracepon</i>            | S1026 |
| truncata, <i>Cymodoce</i>                                  | S863  | tuberculosum, <i>Phascolion</i>           | N32   |
| truncata, <i>Eurydice</i>                                  | S856  | tubernatis, <i>Batillipes</i>             | V12   |
| truncata, <i>Hymedesmia</i>                                | C953  | Tuberoloxoconcha                          | R2627 |
| <i>truncata</i> , <i>Laurencia</i>                         | ZM654 | tuberosa, <i>Ebalia</i>                   | S1508 |
| truncata, <i>Megerlia</i>                                  | X47   | tuberosa, <i>Tuberoloxoconcha</i>         | R2628 |
| truncata, <i>Mya</i>                                       | W2147 | Tubiclava                                 | D288  |
| truncata, <i>Osmundea</i>                                  | ZM654 | tubicola, <i>Haploops</i>                 | S448  |
| <i>truncata</i> , <i>Phyllophora</i>                       | ZM395 | tubicola, <i>Hyalinoecia</i>              | P542  |
| <i>truncata</i> , <i>Ranzania</i>                          | ZG608 | tubifera, <i>Molgula</i>                  | ZD157 |
| truncata, <i>Tetilla</i>                                   | C315  | Tubifex                                   | P1484 |
| <i>truncata</i> , <i>Timea</i>                             | C315  | tubifex, <i>Tubifex</i>                   | P1486 |
| Truncatella  | W396  | TUBIFICIDA                                | P1403 |
| Truncatellidae   | W394  | Tubificidae                               | P1425 |
| Truncatellinae   | W395  | TUBIFICINA                                | P1404 |
| truncatula, <i>Eudorella</i>                               | S1208 | Tubificinae                               | P1473 |
| truncatula, <i>Jordaniella</i>                             | W947  | Tubificoides                              | P1487 |
| truncatula, <i>Mamilloretusa</i>                           | W1081 | tubiformis, <i>Aglaophenia</i>            | D482  |
| <i>truncatula</i> , <i>Menestho</i>                        | W947  | Tubolaimoididae                           | HD462 |
| <i>truncatula</i> , <i>Odostomia</i>                       | W947  | Tubulanidae                               | G17   |
| truncatula, <i>Retusa</i>                                  | W1080 | Tubulanus                                 | G26   |
| truncatula var. <i>mammillata</i> , <i>Retusa</i>          | W1081 | Tubularia                                 | D163  |
| truncatum, <i>Dicyema</i>                                  | B7    | tubularia, <i>Protula</i>                 | P1359 |
| truncatum, <i>Eurysilenium</i>                             | R2185 | <i>tubulariae</i> , <i>Phoxichilidium</i> | Q48   |
| <i>truncatus</i> , <i>Boreotrophon</i>                     | W680  | Tubulariidae                              | D158  |
| truncatus, <i>Euauaptilus</i>                              | R188  | tubulata, <i>Cancerilla</i>               | R2122 |
| truncatus, <i>Sclerochilus</i>                             | R2494 | tubulifera, <i>Aglaophenia</i>            | D483  |
| truncatus, <i>Trophon</i>                                  | W680  | Tubulipora                                | Y27   |
| <i>truncatus</i> , <i>Trophonopsis</i>                     | W680  | Tubuliporidae                             | Y26   |

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| tubulosa, Celleporina                     | Y500  | Turritellinae                         | W267  |
| tubulosa, Cyliindroporella                | Y451  | Turritopsis                           | D290  |
| tubulosa, Sarsia                          | D189  | Tursiops                              | ZK27  |
| tuediae, Bolocera                         | D681  | <i>Turtle, Green</i>                  | ZI6   |
| <i>Tufted Duck</i>                        | ZJ117 | <i>turtle, Leatherback</i>            | ZI15  |
| tullbergi, Apistobranchus                 | P712  | <i>turtle, leathery</i>               | ZI15  |
| tullbergi, Scina                          | S693  | <i>turtle, Loggerhead sea</i>         | ZI8   |
| tumefacta, Ebalia                         | S1509 | <i>turtle, luth</i>                   | ZI15  |
| tumida, Diastylis                         | S1255 | turtoni, Beringius                    | W712  |
| tumida, Gibbula                           | W161  | turtoni, Galeomma                     | W1870 |
| tumida, Modiolarca                        | W1718 | Turtonia                              | W2132 |
| tumida, Nicippe                           | S406  | Turtoniidae                           | W2131 |
| <i>tumidosa, Balcis distorta var.</i>     | W666  | <i>turtonis, Clathrus</i>             | W554  |
| <i>tumidosa, Eulima distorta var.</i>     | W666  | turtonis, Epitonium                   | W554  |
| tumidula, Cyclopinella                    | R646  | <i>Twaite Shad</i>                    | ZG32  |
| tumidula, Mysella                         | W1908 | <i>Two-horn Sculpin</i>               | ZG277 |
| <i>Tuna, Big-eye</i>                      | ZG515 | <i>Two-spotted Clingfish</i>          | ZG86  |
| <i>Tuna, Blue-fin</i>                     | ZG516 | <i>Two-spotted Goby</i>               | ZG470 |
| <i>Tuna, Long-fin</i>                     | ZG513 | <i>Two-wing Flying-fish, Tropical</i> | ZG180 |
| <i>Tuna, Skipjack</i>                     | ZG504 | Tyloidesma                            | C879  |
| <i>Tuna, Yellow-fin</i>                   | ZG514 | TYMOLOIDEA                            | S1492 |
| <i>Tundra Swan</i>                        | ZJ132 | Typhlamphiascus                       | R1273 |
| TUNICATA                                  | ZD1   | typhle, Dactylopodola                 | HB8   |
| <i>Tunny, Little</i>                      | ZG502 | typhle, Syngnathus                    | ZG247 |
| <i>tupha, Ulosa</i>                       | C753  | typhloides, Typhlamphiascus           | R1278 |
| Turbanella                                | HB105 | Typhlomangelia                        | W792  |
| Turbanellidae                             | HB91  | typhlops, Esola                       | R1678 |
| turbanelloides, Cephalodasys              | HB19  | typhlops, Sarsinebalia                | S11   |
| TURBELLARIA                               | F2    | typhlops, Typhlamphiascus             | R1279 |
| Turbicellepora                            | Y503  | Typhloscolecidae                      | P233  |
| turbinata, Bugula                         | Y250  | TYPHLOSCOLECOIDEA                     | P232  |
| <i>turbinatum, Parascidia</i>             | ZD32  | Typhloscolex                          | P239  |
| turbinatum, Sidnyum                       | ZD31  | Typhlotanaidae                        | S1150 |
| Turbinellidae                             | W697  | Typhlotanais                          | S1151 |
| Turbinidae                                | W129  | typhoides, Parascelus                 | S785  |
| Turbona                                   | W338  | <i>Typhosella</i>                     | S335  |
| Turbonilla                                | W969  | typica, Amalophora                    | R539  |
| Turbonillinae                             | W968  | typica, Ampelisca                     | S442  |
| <i>Turbot</i>                             | ZG554 | <i>typica, Aora</i>                   | S579  |
| <i>turgida, Bythocythere</i>              | R2475 | typica, Bradya                        | R832  |
| <i>turgida, Bythocythere</i>              | R2478 | typica, Bruzelia                      | S353  |
| <i>turgida, Cingula</i>                   | W373  | typica, Danielssenia                  | R1590 |
| <i>turgida, Nucula</i>                    | W1569 | typica, Diastylis rathkei             | S1253 |
| <i>turgida, Odostomia unidentata var.</i> | W918  | typica, Hymerhabdia                   | C567  |
| <i>turgida, Pseudosetia</i>               | W373  | typica, Marsteinia                    | R924  |
| <i>turgida, Putilla</i>                   | W373  | typica, Monacilla                     | R406  |
| <i>turgida, Rissoa</i>                    | W373  | typica, Mysidella                     | S96   |
| <i>turgida, Scinaia</i>                   | ZM130 | typica, Nitokra                       | R1329 |
| <i>turgidulus hanseni, Colus</i>          | W719  | typica, Pseudophaenna                 | R558  |
| <i>turgidulus var. minor, Sipho</i>       | W715  | typica, Zosime                        | R1024 |
| <i>turgidum, Cyclostrema</i>              | W3    | typicum, Dipleurosoma                 | D310  |
| <i>turneri, Asperococcus</i>              | ZR163 | typicus, Agnathaner                   | R682  |
| <i>Turnstone</i>                          | ZJ227 | typicus, Axonolaimus                  | HD597 |
| <i>Turnstone, Ruddy</i>                   | ZJ227 | typicus, Centropages                  | R291  |
| <i>turricula, Lora</i>                    | W824  | typicus, Laophontodes                 | R1783 |
| turricula, Oenopota                       | W824  | typicus, Leptopsyllus                 | R1409 |
| <i>turricula, Propebela</i>               | W824  | typicus, Lophogaster                  | S29   |
| <i>turricula, Pyramis</i>                 | W378  | typicus, Metalinhomoeus               | HD584 |
| <i>turricula, Rissoa</i>                  | W378  | typicus, Pariambus                    | S651  |
| Turridae                                  | W771  | <i>typicus, Podalirus</i>             | S651  |
| Turrisipho                                | W733  | typicus, Pontopolites                 | R1618 |
| turrita, Odostomia                        | W915  | typicus, Sarsocletodes                | R1786 |
| turrita, Retusa obtusa var.               | W1079 | typicus, Spiochaetopterus             | P820  |
| <i>turrita, Turboella</i>                 | W378  | Typosyllis                            | P364  |
| Turritella                                | W268  | <i>Typosyllis</i>                     | P364  |
| Turritellidae                             | W266  | Typton                                | S1325 |

|                                     |              |                                    |              |
|-------------------------------------|--------------|------------------------------------|--------------|
| typus, Dicyema                      | B8           | unguicillata, Tanaella             | S1129        |
| tyrrhena, Callianassa               | S1416        | unguiculata, Oxystomina            | HD96         |
| <i>tyrrhena</i> , Cassidaria        | W505         | unguiculatus, Nannastacus          | S1228        |
| <i>tyrrhena</i> , Galeodea          | W505         | ungulatus, Isobactrus              | Q61          |
| <i>tyrrhenicus</i> , Paracanthochus | HD301        | Ungulinidae                        | W1861        |
| <i>tyrrhenicus</i> , Paracanthochus | HD309        | <i>uniceps</i> , Scina             | S691         |
|                                     |              | unicolor, Orcynopsis               | ZG506        |
| <b>U</b>                            |              | unicornis, Conochilus              | HA108        |
| <b>uchidai</b> , Neodasys           | <b>HB121</b> | unicornis, Nematoneis              | P568         |
| Ulmaridae                           | D46          | unicornis, Schizoporella           | Y431         |
| Ulonema                             | ZR129        | unicornis, Tegella                 | Y214         |
| Ulosa                               | C752         | unidentata var. albella, Odostomia | W917         |
| Ulothrix                            | ZS62         | unidentata var. turgida, Odostomia | W918         |
| Ulotrichaceae                       | ZS53         | unidentata, Odostomia              | W916         |
| Ulva                                | ZS174        | unifasciata, Barleeia              | W323         |
| Ulvaceae                            | ZS141        | unifila, Audouinella               | ZM120        |
| ulvaceum, Omphalophyllum            | ZR157        | uniovarium, Paralinhomoeus         | HD580        |
| ulvae, Hydrobia                     | W385         | UNIPELTATA                         | S14          |
| ULVALES                             | ZS77         | uniplicata, Hemilamprops           | S1241        |
| Ulvella                             | ZS130        | uniremis, Argestigens              | R1637        |
| ulyssiponensis, Patella             | W230         | uniremis, Harpacticus              | R964         |
| <i>ulyssiponensis</i> , Patella     | W230         | uniscutatus, Isobactrus            | Q62          |
| umbilicalis, Gibbula                | W165         | uniseta, Clausia                   | R1935        |
| umbilicalis, Porphyra               | ZM64         | unisetosa, Hastigerella            | R887         |
| umbilicaris, Odostomia acuta var.   | W910         | unisetus, Balaenophilus            | R1137        |
| umbilicata var. nitidula, Retusa    | W1084        | <i>unisulcata</i> , Daronia        | W1001        |
| umbilicata, Retusa                  | W1083        | unisulcata, Tjaernoia              | W1001        |
| Umbonula                            | Y348         | <i>unisulcatus</i> , Adeorbis      | W1001        |
| Umbonulidae                         | Y347         | <i>unisulcatus</i> , Tomus         | W1001        |
| UMBONULOMORPHA                      | Y345         | <i>Upland Sandpiper</i>            | ZJ229        |
| umbra, Sciaena                      | ZG369        | Upogebia                           | S1418        |
| Umbrina                             | ZG370        | <i>Upogebia</i>                    | W1887        |
| uncifer, Sponginticola              | R2199        | Upogebiidae                        | S1417        |
| Uncinails                           | P1423        | urceolaris, Brachionis             | HA14         |
| uncinata, Doroxys                   | R692         | <i>urceolata</i> , Polysiphonia    | ZM679        |
| uncinata, Hancockia                 | W1264        | urceolus, Haliclona                | C1431        |
| uncinata, Heterolaophonte           | R1695        | Uria                               | ZJ358        |
| <i>uncinata</i> , Lemaea            | R2336        | Urnatella                          | K58          |
| uncinata, Uncinails                 | P1424        | Urnatellidae                       | K57          |
| <i>uncinatum</i> , Acrosorium       | ZM584        | Urobopyrus                         | S1027        |
| <i>uncinatus</i> , Paratylus        | S410         | Urocorycaeus                       | R1996        |
| Uncinotarsus                        | S599         | Urocryptella                       | S1029        |
| Unciola                             | S620         | Urocythereis                       | R2588        |
| Uncispionidae                       | P719         | Urodasys                           | HB43         |
| Undaria                             | ZR342        | Uronema                            | ZS137        |
| undata, Cytherura                   | R2540        | Urophycis                          | ZG145        |
| undata, Mysia                       | W2139        | Urosalpinx                         | W690         |
| <i>undata</i> , Noenia              | S544         | Urospora                           | ZS68         |
| <i>undata</i> , Peachia             | D755         | Urothoe                            | S246         |
| undata, Semicytherura               | R2558        | Urothoidae                         | S245         |
| undata, Velutina                    | W479         | Urticina                           | D682         |
| undatum, Buccinum                   | W708         | usitata, Ameira                    | R1302        |
| <i>undatum</i> , Buccinum           | W708         | ustulatus, Caulacanthus            | ZM306        |
| undatus, Sagartiogeton              | D722         | Ute                                | C108         |
| undecimdentatus, Atelecyclus        | S1556        | Uteriporidae                       | F13          |
| Undeuchaeta                         | R485         | Uteriporus                         | F14          |
| Undinella                           | R527         | utriculus, Roxania                 | W1023        |
| undulata, Laodicea                  | D301         | utriculus, Sycandra                | C99          |
| undulata, Raja                      | ZF99         | uva, Walkeria                      | Y112         |
| <i>Undulate Ray</i>                 | ZF99         | uvaria, Apolemia                   | D67          |
| undulatum, Desmotrichum             | ZR181        |                                    |              |
| <i>undulatum</i> , Desmotrichum     | ZR181        | <b>V</b>                           |              |
| undulatum, Halecium                 | D400         | <b>Vadigo</b>                      | <b>ZG329</b> |
| undulatum, Monostroma               | ZS52         | vadorum, Cladophora                | ZS215        |
| <i>undulatus</i> , Margarites       | W152         | vagabunda, Cladophora              | ZS216        |
| ungaricus, Capulus                  | W443         | vagens, Octohydra                  | D555         |



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|---|-------|---|-------|
| <i>vagina</i> , <i>Salpa</i>                    | ZD203 | variochaeta, <i>Grania</i>                  | P1530 |
| <i>vagina</i> , <i>Solen</i>                    | W1994 | Variocorbula                                | W2156 |
| <i>vagina</i> , <i>Thetys</i>                   | ZD203 | variolosa, <i>Escharella</i>                | Y369  |
| <i>vaginata</i> , <i>Coryne</i>                 | D173  | variolosus, <i>Distomus</i>                 | ZD122 |
| <i>vahlil</i> , <i>Lycodes</i>                  | ZG435 | variopedatus, <i>Chaetopterus</i>           | P814  |
| <i>Vahl's Eelpout</i>                           | ZG435 | <i>variopicta</i> , <i>Hermaea</i>          | W1132 |
| <i>vaillanti</i> , <i>Ampithoe</i>              | S533  | <i>variopicta</i> , <i>Hermaeopsis</i>      | W1132 |
| <i>valdiviae</i> , <i>Thenea</i>                | C275  | variosquamatus, <i>Chaetonotus</i>          | HB146 |
| <i>Valdiviella</i>                              | R488  | <i>Varria</i>                               | W1148 |
| <i>Valencinia</i>                               | G78   | <i>Varuninae</i>                            | S1628 |
| <i>Valenciniidae</i>                            | G73   | <i>Vasinae</i>                              | W698  |
| <i>valens</i> , <i>Amalothrix</i>               | R584  | <i>vastifica</i> , <i>Cliona</i>            | C486  |
| <i>valeriae</i> , <i>Halectinosoma</i>          | R878  | <i>Vaunthompsoniinae</i>                    | S1185 |
| <i>valiantei</i> , <i>Herponema</i>             | ZR34  | <i>Vauntomponia</i>                         | S1190 |
| <i>valida</i> , <i>Amalothrix</i>               | R585  | <i>vectensis</i> , <i>Nematostella</i>      | D761  |
| <i>valida</i> , <i>Herrmannella</i>             | R1834 | <i>vedlomensis</i> , <i>Atylus</i>          | S413  |
| <i>valida</i> , <i>Sphaeronella</i>             | R2168 | <i>vedlomensis</i> , <i>Nototropis</i>      | S413  |
| <i>valida</i> , <i>Stenothoe</i>                | S217  | <i>vedlomensis</i> , <i>Paratylus</i>       | S413  |
| <i>valida</i> , <i>Zosime</i>                   | R1025 | <i>vega</i> , <i>Ampharete</i>              | P1140 |
| <i>validus</i> , <i>Haloptilus</i>              | R200  | VELATIDA                                    | ZB63  |
| VALVATACEA                                      | W879  | <i>velatum</i> , <i>Rhopalonema</i>         | D566  |
| VALVATIDA                                       | ZB44  | <i>Veella</i>                               | D195  |
| <i>valvatus</i> , <i>Psolus</i>                 | ZB254 | <i>velella</i> , <i>Veella</i>              | D196  |
| VALVIFERA                                       | S932  | <i>Veellidae</i>                            | D194  |
| <i>Valvognathia</i>                             | IA25  | <i>velox</i> , <i>Eurytemora</i>            | R302  |
| <i>Vanadis</i>                                  | P213  | <i>velox</i> , <i>Theristus</i>             | HD533 |
| <i>Vanbenedenia</i>                             | R2370 | <i>velox</i> , <i>Xenotrichula</i>          | HB197 |
| <i>vanelli</i> , <i>Eclysippe</i> cf.           | P1149 | <i>Velutina</i>                             | W476  |
| <i>Vanellus</i>                                 | ZJ220 | <i>velutina</i> , <i>Audouinella</i>        | ZM121 |
| <i>vanellus</i> , <i>Vanellus</i>               | ZJ221 | <i>velutina</i> , <i>Velutina</i>           | W480  |
| <i>van-heurckii</i> , <i>Boreolithon</i>        | ZM199 | <i>Velutinidae</i>                          | W475  |
| <i>vanhoeffeni</i> , <i>Atolla</i>              | D28   | <i>velutinum</i> , <i>Herponema</i>         | ZR35  |
| <i>vanhoffeni</i> , <i>Oikopleura</i>           | ZD167 | <i>velutinum</i> , <i>Scalpellum</i>        | R23   |
| <i>vanus</i> , <i>Ctenocalanus</i>              | R419  | <i>Velvet Scoter</i>                        | ZJ138 |
| <i>vararensis</i> , <i>Paramphiascella</i>      | R1204 | <i>Velvet-belly</i>                         | ZF60  |
| <i>vararensis</i> , <i>Pseudocletodes</i>       | R1620 | <i>Velvet-shark</i> , <i>Longnose</i>       | ZF53  |
| <i>vararensis</i> , <i>Sphaeronella</i>         | R2169 | VENERACEA                                   | W2085 |
| <i>varia</i> var. <i>nivea</i> , <i>Chlamys</i> | W1780 | <i>Veneridae</i>                            | W2086 |
| <i>varia</i> , <i>Chlamys</i>                   | W1779 | <i>Venerinae</i>                            | W2087 |
| <i>varia</i> , <i>Pilayella</i>                 | ZR61  | VENEROIDA                                   | W1815 |
| <i>variabile</i> , <i>Paradoxostoma</i>         | R2661 | <i>Venerupis</i>                            | W2110 |
| <i>variabilis</i> , <i>Ascandra</i>             | C56   | <i>veneta</i> , <i>Hymedesmia</i>           | C954  |
| <i>variabilis</i> , <i>Leucosolenia</i>         | C56   | <i>ventilabrum</i> , <i>Dictyocylindrus</i> | C1327 |
| <i>variabilis</i> , <i>Nais</i>                 | P1416 | <i>ventilabrum</i> , <i>Phakellia</i>       | C577  |
| <i>variabilis</i> , <i>Neoargestes</i>          | R1664 | <i>ventilabrum</i> , <i>Raspailia</i>       | C1327 |
| <i>variabilis</i> , <i>Sabella</i>              | P1323 | <i>ventricosa</i> , <i>Escharella</i>       | Y370  |
| <i>variabilis</i> , <i>Stylocoronella</i>       | D57   | <i>ventricosa</i> , <i>Eulimella</i>        | W994  |
| <i>variabilis</i> , <i>Thamniochloris</i>       | ZS129 | <i>ventricosa</i> , <i>Proto</i>            | S657  |
| <i>varians</i> , <i>Amphiascus</i>              | R1175 | <i>ventricosa</i> , <i>Rhinodiaphana</i>    | W1063 |
| <i>varians</i> , <i>Hippolyte</i>               | S1350 | <i>ventricosa</i> , <i>Spiratella</i>       | W1175 |
| <i>varians</i> , <i>Loxosomella</i>             | K40   | <i>ventriculiformis</i> , <i>Nemertesia</i> | D467  |
| <i>varians</i> , <i>Monocletodes</i>            | R1581 | <i>Ventriculinidae</i>                      | R2180 |
| <i>varians</i> , <i>Palaemonetes</i>            | S1321 | <i>ventriculosa</i> , <i>Henlea</i>         | P1536 |
| <i>varians</i> , <i>Streptosyllis</i>           | P404  | <i>ventrolineatus</i> , <i>Scutopus</i>     | W6    |
| <i>varians</i> , <i>Turbanella</i>              | HB108 | <i>Ventromma</i>                            | D473  |
| <i>varians</i> , <i>Turbanella</i>              | HB109 | <i>ventrosa</i> , <i>Aclis</i>              | W632  |
| <i>variantia</i> , <i>Biemna</i>                | C876  | <i>ventrosa</i> , <i>Hemiaclis</i>          | W632  |
| <i>variantia</i> , <i>Hymeniacion</i>           | C876  | <i>ventrosa</i> , <i>Hydrobia</i>           | W387  |
| <i>varicans</i> , <i>Candacia</i>               | R315  | <i>ventrosa</i> , <i>Ventrosia</i>          | W387  |
| <i>varicolor</i> , <i>Diosaccus</i>             | R1184 | <i>Ventrosia</i>                            | W386  |
| <i>varicosa</i> , <i>Hinia</i>                  | W748  | <i>venulosum</i> , <i>Acrosorium</i>        | ZM584 |
| <i>variegata</i> , <i>Micronereis</i>           | P466  | <i>Venus</i>                                | W2088 |
| <i>variegata</i> , <i>Typosyllis</i>            | P371  | <i>venusta</i> , <i>Eulalia</i>             | P160  |
| <i>variegatus</i> , <i>Donax</i>                | W2039 | <i>venusta</i> , <i>Lanassa</i>             | P1193 |
| <i>variegatus</i> , <i>Microchirus</i>          | ZG588 | <i>venusta</i> , <i>Metridia</i>            | R276  |
| <i>variegatus</i> , <i>Podocerus</i>            | S633  | <i>venusta</i> , <i>Oncaea</i>              | R1896 |

|  |       |                              |       |
|--|-------|------------------------------|-------|
| venusta, Puellina                        | Y325  | vestita, Bimeria             | D250  |
| venusta, Sagartia                        | D713  | vestita, Torellia            | W206  |
| venusta, Thalassomonhystera              | HD499 | vexillifer, Bathybiaster     | ZB30  |
| venusta, Trypostega                      | Y341  | viatrix, Vibilia             | S715  |
| venustula, Nicolea                       | P1210 | Vibilia                      | S706  |
| venustus, Corycaeus                      | R1999 | Vibiliidae                   | S705  |
| vera, Phalusiella                        | R2191 | VIBILIOIDEA                  | S704  |
| Veretillum                               | D625  | vicesima, Parastenocaris     | R1559 |
| vermi, Nemesia lamna                     | R2278 | vicinum, Daptonema           | HD520 |
| vermicularis, Calosiphonia               | ZM298 | vickersii, Lithophyllum      | ZM234 |
| vermicularis, Serpula                    | P1343 | Victorella                   | Y98   |
| vermiculata, Bubaris                     | C578  | Victorellidae                | Y97   |
| vermiculata, Hymeraphia                  | C578  | viduata, Sagartia            | D722  |
| vermiculata, Mesogloia                   | ZR225 | vikingus, Pseudotachidius    | R1127 |
| vermiculata, Phakellia                   | C578  | villosa, Arthrocladia        | ZR331 |
| vermiculicola, Rhopalura pelseneeri var. | B22   | villosa, Brada               | P876  |
| vermiculus, Tetrastemma                  | B22   | villosa, Esperioipsis        | C762  |
| vermiculus, Tetrastemma                  | G134  | villosa, Harmothoe           | P75   |
| vermiforme, Pinnotherion                 | S1041 | villosa, Hemicythere         | R2581 |
| vermiformis, Gongrosirella               | ZS260 | villosa, Leptostylis         | S1261 |
| vermiformis, Halammohydra                | D552  | villosa, Pontelloipsis       | R335  |
| vermiformis, Parevansula                 | R1334 | villosa, Scypha              | C140  |
| vermiformis, Stenocyathus                | D795  | villosa, Sycolepis           | C107  |
| vermilara, Codium                        | ZS251 | villosa, Trichogypsia        | C107  |
| Vermiliopsis                             | P1344 | villosiuscula, Thracia       | W2233 |
| VERONGIDA                                | C1691 | villosum, Antithamnion       | ZM493 |
| verrilli, Mesothuria                     | ZB234 | villosus, Axonolaimus        | HD598 |
| Verruca                                  | R40   | villoti, Odontophora         | HD607 |
| verrucaria, Lichenopora                  | Y64   | villoti, Polygordius         | P1066 |
| verrucatum, Titanoderma                  | ZM279 | viminalis, Raspailia         | C1330 |
| verrucatum, Titanoderma                  | ZM279 | vincenti, Branchiomaldane    | P937  |
| Verrucidae                               | R39   | vincta, Lacuna               | W292  |
| VERRUCOMORPHA                            | R38   | violacea, Diazona            | ZD74  |
| verrucosa, Aulactinia                    | D686  | violacea, Erythrocladia      | ZM31  |
| verrucosa, Axinella                      | C556  | violacea, Polycarpa          | ZD118 |
| verrucosa, Bunodactis                    | D686  | violacea, Polysiphonia       | ZM665 |
| verrucosa, Campylaspis                   | S1222 | violacea, Polysiphonia       | ZM665 |
| verrucosa, Coryphella                    | W1422 | violacea, Reptadeonella      | Y401  |
| verrucosa, Diporula                      | Y485  | violacea, Rhodella           | ZM25  |
| verrucosa, Doris                         | W1373 | violacea, Stegohornera       | Y60   |
| verrucosa, Eunicella                     | D611  | violacea, Asterocheres       | R2082 |
| verrucosa, Flabellina                    | W1422 | violaceus, Centropages       | R292  |
| verrucosa, Gracilaria                    | ZM433 | vipera, Echiichthys          | ZG405 |
| verrucosa, Gracilaria                    | ZM436 | vipera, Heterorhabdus        | R244  |
| verrucosa, Pilargis                      | P344  | virens, Neanthes             | P472  |
| verrucosa, Ralfsia                       | ZR191 | virens, Nereis               | P472  |
| verrucosa smaragdina, Coryphella         | W1418 | virens, Pollachius           | ZG136 |
| verrucosa, Venus                         | W2089 | virescens, Anoplodactylus    | Q46   |
| versicolor, Hymedesmia                   | C955  | virescens, Eudesme           | ZR219 |
| versiculatus, Coremapus                  | S598  | virescens, Phoxichilidium    | Q46   |
| versiculatus, Microdeutopus              | S598  | virescens, Thecacera         | W1357 |
| vertens, Gonionemus                      | D530  | virgatula, Audouinella       | ZM122 |
| verticalis, Turbonilla                   | W973  | virgatum, Conchoderma        | R31   |
| verticillata, Chylocladia                | ZM449 | virgatum, Haliptilon         | ZM210 |
| verticillata, Dudresnaya                 | ZM330 | virginea, Acmaea             | W224  |
| verticillata, Halicnemia                 | C605  | virginea, Ascidia            | ZD92  |
| verticillata, Mimosella                  | Y116  | virginea, Collisella         | W224  |
| verticillatus, Rhizocaulus               | D499  | virginea, Tectura            | W224  |
| verugera, Exogone                        | P423  | virginica, Crassostrea       | W1762 |
| Vesicularia                              | Y130  | virgula, Helicosalpa         | ZD187 |
| Vesiculariidae                           | Y129  | Virgularia                   | D617  |
| vesiculosum, Branchiomma                 | P1297 | Virgulariidae                | D616  |
| vesiculosum, Megalomma                   | P1297 | virgultosa, Raspailia        | C1331 |
| vesiculosus, Fucus                       | ZR384 | virgultosus, Dictyocylindrus | C1331 |
| vespa, Microcyema                        | B15   | viride, Porcellidium         | R1028 |
| VESTIMENTIFERIDA                         | M24   | viride, Tricheurypon         | C1342 |

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|--|-------|---|-------------|
| viridis, Anemonia                                    | D679  | Volutomitra   | W758        |
| viridis, Bonellia                                    | O15   | Volutomitridae  | W757        |
| viridis, Corynactis                                  | D775  | Volutopsiinae   | W736        |
| viridis, Cuthona                                     | W1441 | Volutopsius   | W737        |
| viridis, Cyclops                                     | R666  | vorax, Gnathia  | S797        |
| viridis, Desmarestia                                 | ZR337 | vorax, Synchaeta                                      | HA90        |
| viridis, Elysia                                      | W1118 | <i>vorticoides</i> , <i>Dinophilus</i>                | P604        |
| viridis, Entocladia                                  | ZS98  | vorticoides, <i>Dinophilus</i>                        | P605        |
| viridis, Eulalia                                     | P161  | vosmaeri, <i>Pontobdella</i>                          | P1613       |
| viridis, Hirschmannia                                | R2611 | Vosmaeria   | C115        |
| <i>viridis</i> , <i>Lineus</i>                       | B27   | vosseleri, <i>Scina</i>                               | S694        |
| viridis, <i>Lineus</i>                               | G56   | votadinii, <i>Comesa</i>                              | HD275       |
| viridis, <i>Lumbricillus</i>                         | P1559 | vulgare, <i>Armadillidium</i>                         | S1098       |
| <i>viridis</i> , <i>Marenzelleria</i>                | P740  | <i>vulgare</i> , <i>Comesoma</i>                      | HD250       |
| viridis, <i>Marenzelleria</i>                        | P741  | <i>vulgare</i> , <i>Dentalium</i>                     | W1522       |
| <i>viridis</i> , <i>sanguineus</i>                   | G55   | vulgare, <i>Pontonema</i>                             | HD127       |
| <i>viridula</i> , <i>Egalvina</i>                    | W1450 | vulgaris, <i>Achelia</i>                              | Q20         |
| viridula, <i>Eirene</i>                              | D366  | vulgaris, <i>Antalis</i>                              | W1522       |
| <i>viridula</i> , <i>Eubbranchus</i>                 | W1450 | vulgaris, <i>Dactylopusia</i>                         | R1095       |
| viridus, <i>Trichoniscus</i>                         | S1072 | vulgaris, <i>Enoplolaimus</i>                         | HD25        |
| viscida, <i>Liagora</i>                              | ZM137 | vulgaris, <i>Escharina</i>                            | Y441        |
| viscosa, <i>Haliclona</i>                            | C1432 | vulgaris, <i>Euchromadora</i>                         | HD214       |
| viscosa, <i>Viscosia</i>                             | HD134 | vulgaris, <i>Gaidropsarus</i>                         | ZG119       |
| <i>Viscosia</i>                                      | HD128 | vulgaris, <i>Golfingia vulgaris</i>                   | N17         |
| vitia, <i>Comesa</i>                                 | HD274 | <i>vulgaris holsatica</i> , <i>Dactylopusia</i>       | R1091       |
| <i>vitrea</i> , <i>Chlamys</i>                       | W1782 | <i>vulgaris</i> , <i>Loligo</i>                       | B8          |
| <i>vitrea</i> , <i>Cingula</i>                       | W410  | vulgaris, <i>Loligo</i>                               | W2338       |
| <i>vitrea</i> , <i>Copilia</i>                       | R1901 | vulgaris, <i>Malacoceros</i>                          | P739        |
| <i>vitrea</i> , <i>Cytherois</i>                     | R2641 | <i>vulgaris</i> , <i>Octopus</i>                      | B13         |
| <i>vitrea</i> , <i>Diaphana</i>                      | W1059 | <i>vulgaris</i> , <i>Octopus</i>                      | B8          |
| <i>vitrea</i> , <i>Hyala</i>                         | W410  | vulgaris, <i>Octopus</i>                              | W2395       |
| <i>vitrea</i> , <i>Paradexiospira</i>                | P1382 | vulgaris, <i>Polyarthra</i>                           | HA74        |
| <i>Vitreolina</i>                                    | W665  | vulgaris, <i>Psammotopa</i>                           | R1215       |
| vitreum, <i>Dacrydium</i>                            | W1712 | <i>vulgaris</i> , <i>Solea</i>                        | ZG591       |
| vitreus var. <i>abyssorum</i> , <i>Delectopecten</i> | W1783 | vulgaris, <i>Uteriporus</i>                           | F15         |
| vitreus, <i>Gryphus</i>                              | X26   | vulgaris var. <i>dissimilis</i> , <i>Dactylopusia</i> | R1096       |
| <i>vitreus</i> , <i>Utriculus</i>                    | W1059 | vulgaris vulgaris, <i>Golfingia</i>                   | N17         |
| vitrina, <i>Aequorea</i>                             | D359  | vulgata, <i>Patella</i>                               | W231        |
| vitta, <i>Phagocata</i>                              | F33   | vulnerata, <i>Setosella</i>                           | Y296        |
| vittata, <i>Eunice</i>                               | P560  | vulpinus, <i>Alopias</i>                              | ZF22        |
| vittata, <i>Scolecithricella</i>                     | R606  |   |             |
| vittata, <i>Typosyllis</i>                           | P372  |   |             |
| vittatus, <i>Donax</i>                               | W2041 | <b>W</b>  |             |
| vittatus, <i>Eubbranchus</i>                         | W1451 | <b>Waerniella</b>                                     | <b>ZR82</b> |
| <i>vittatus</i> , <i>Eubbranchus</i>                 | W1452 | wahlbergi, <i>Paranaitis</i>                          | P177        |
| vittatus, <i>Prostheceraeus</i>                      | F107  | wahrbergi, <i>Mugga</i>                               | P1157       |
| vitulina, <i>Phoca</i>                               | ZK13  | wahrbergi, <i>Thyone</i>                              | ZB265       |
| vivipara, <i>Aphelochaeta</i>                        | P827  | <i>Walkeria</i>                                       | Y111        |
| <i>vivipara</i> , <i>Chromadoropsis</i>              | HD358 | <i>Walkeriidae</i>                                    | Y110        |
| <i>vivipara</i> , <i>Metachromadora</i>              | HD362 | <i>walleri</i> , <i>Aclis</i>                         | W592        |
| <i>vivipara</i> , <i>Tharyx</i>                      | P827  | walleri, <i>Aclis</i>                                 | W593        |
| <i>Viviparous Blenny</i>                             | ZG437 | wallichii, <i>Alectona</i>                            | C474        |
| viviparum, <i>Anoplostoma</i>                        | HD43  | <i>Walrus</i>   | ZK8         |
| viviparus, <i>Sebastes</i>                           | ZG257 | <i>wareni</i> , <i>Mangelia</i>                       | W807        |
| viviparus, <i>Zoarces</i>                            | ZG437 | <i>warreni</i> , <i>Evalea</i>                        | W963        |
| vlastae, <i>Myriactula</i>                           | ZR256 | <i>warreni</i> , <i>Menestho</i>                      | W963        |
| vociferus, <i>Charadrius</i>                         | ZJ211 | warwicki, <i>Chitwoodia</i>                           | HD465       |
| <i>Vogtia</i>  | D96   | warwicki, <i>Comesa</i>                               | HD276       |
| volitans, <i>Dactylopterus</i>                       | ZG301 | wassi, <i>Aricidea</i>                                | P678        |
| volitans, <i>Exocoetus</i>                           | ZG180 | <i>Water Rail</i>                                     | ZJ182       |
| volitans, <i>Tetraplatia</i>                         | D55   | watersi, <i>Reteporella</i>                           | Y527        |
| volubilis, <i>Campanularia</i>                       | D495  | <i>Watersipora</i>                                    | Y407        |
| <i>volubilis</i> , <i>Campanularia</i>               | D503  | <i>Watersiporidae</i>                                 | Y406        |
| voluta, <i>Erato</i>                                 | W465  | websteri, <i>Lembos</i>                               | S585        |
| volutacornis, <i>Bispira</i>                         | P1261 | websteri, <i>Streptosyllis</i>                        | P405        |
| volutator, <i>Corophium</i>                          | S616  | Websterinereis  | P486        |
|  |       | <i>Weever</i> , <i>Greater</i>                        | ZG403       |

|   |       |                                |              |
|---|-------|--------------------------------|--------------|
| <i>Weever, Lesser</i>                       | ZG405 | <i>William, Sweet</i>          | ZF37         |
| <i>weigelei, Lissoclinum</i>                | ZD66  | <i>wilsoni, Magelona</i>       | P808         |
| <i>weilli, Dactylopodola</i>                | HB8   | <i>wilsoni, Rhizothrix</i>     | R1627        |
| <i>Wellsopsyllus</i>                        | R1428 | <i>wilsoni, Taeniacanthus</i>  | R2013        |
| <i>welshi, Cyclocanna</i>                   | D319  | <i>Wilson's Phalarope</i>      | ZJ274        |
| <i>welwitschii, Erythrotrichia</i>          | ZM40  | <i>Wilson's Storm-petrel</i>   | ZJ43         |
| <i>weneri, Rhodophyllis divaricata</i> var. | ZM325 | <i>wireni, Marenzelleria</i>   | P742         |
| <i>Western Sandpiper</i>                    | ZJ239 | <i>wireni, Sosanopsis</i>      | P1169        |
| <i>westheidei, Lumbricillus</i>             | P1578 | <i>wireni, Spinther</i>        | P535         |
| <i>westheidei, Randidrilus</i>              | P1578 | <i>Witch</i>                   | ZG566        |
| <i>Westwoodilla</i>                         | S139  | <i>Wittrockiella</i>           | ZS221        |
| <i>Whale, Biscayan Right</i>                | ZK73  | <i>Wittrockiellaceae</i>       | ZS220        |
| <i>Whale, Black Right</i>                   | ZK73  | <i>wittrockii, Entocladia</i>  | ZS99         |
| <i>Whale, Blue</i>                          | ZK67  | <i>Wolf Fish</i>               | ZG418        |
| <i>Whale, Bottle-nosed</i>                  | ZK61  | <i>wollastoni, Labidocera</i>  | R326         |
| <i>Whale, Cuvier's Beaked</i>               | ZK59  | <i>Wood Sandpiper</i>          | ZJ283        |
| <i>Whale, False Killer</i>                  | ZK33  | <i>Woodcock</i>                | ZJ278        |
| <i>Whale, Fin</i>                           | ZK68  | <i>Woodcock, Eurasian</i>      | ZJ278        |
| <i>Whale, Gervais' Beaked</i>               | ZK56  | <i>woodwardi, Aurila</i>       | R2567        |
| <i>Whale, Humpback</i>                      | ZK70  | <i>woodwardii, Hypoglossum</i> | ZM610        |
| <i>Whale, Killer</i>                        | ZK35  | <i>woodworthi, Phagocata</i>   | F34          |
| <i>Whale, Long-finned Pilot</i>             | ZK39  | <i>Worm anemone</i>            | D771         |
| <i>Whale, Minke</i>                         | ZK65  | <i>Worm Pipefish</i>           | ZG242        |
| <i>Whale, North Atlantic Right</i>          | ZK73  | <i>wormskioldii, Urospora</i>  | ZS72         |
| <i>Whale, Pygmy Sperm</i>                   | ZK50  | <i>worthingi, Echinoderes</i>  | HC11         |
| <i>Whale, Sei</i>                           | ZK66  | <i>woutersi, Aurila</i>        | R2569        |
| <i>Whale, Sowerby's Beaked</i>              | ZK55  | <i>Wrasse, Baillon's</i>       | ZG394        |
| <i>Whale, Sperm</i>                         | ZK52  | <i>Wrasse, Ballan</i>          | ZG399        |
| <i>Whale, True's Beaked</i>                 | ZK57  | <i>Wrasse, Cuckoo</i>          | ZG400        |
| <i>Whale, White</i>                         | ZK45  | <i>Wrasse, Rainbow</i>         | ZG392        |
| <i>whatleyi, Sclerochilus</i>               | R2495 | <i>Wrasse, Scale-rayed</i>     | ZG388        |
| <i>wheeleri, Haliplectus</i>                | HD450 | <i>Wreckfish</i>               | ZG315        |
| <i>whiffiagonis, Lepidorhombus</i>          | ZG549 | <i>wrightii, Turbinolia</i>    | D785         |
| <i>Whimbrel</i>                             | ZJ270 | <i>wyvillei, Atolla</i>        | D29          |
| <i>Whimbrel, Little</i>                     | ZJ269 |                                |              |
| <i>Whiskered Tern</i>                       | ZJ329 | <b>X</b>                       |              |
| <i>White Egret, Great</i>                   | ZJ77  | <b>Xaiva</b>                   | <b>S1597</b> |
| <i>White Marlin</i>                         | ZG524 | Xanthidae                      | S1607        |
| <i>White Skate</i>                          | ZF85  | Xantho                         | S1618        |
| <i>White Tailed Lapwing</i>                 | ZJ214 | Xanthocalanus                  | R561         |
| <i>White Whale</i>                          | ZK45  | XANTHOIDEA                     | S1602        |
| <i>White-beaked Dolphin</i>                 | ZK31  | Xema                           | ZJ325        |
| <i>White-billed Diver</i>                   | ZJ5   | xena, Haliclona                | C1433        |
| <i>White-faced Storm-petrel</i>             | ZJ49  | Xenobalanus                    | R57          |
| <i>White-fronted Goose</i>                  | ZJ107 | Xenocoeloma                    | R2195        |
| <i>White-fronted Goose, Greater</i>         | ZJ107 | Xenocoelomatidae               | R2192        |
| <i>White-fronted Goose, Lesser</i>          | ZJ111 | Xenodasys                      | HB11         |
| <i>whitei, Carinocythereis</i>              | R2669 | Xenodermichthys                | ZG63         |
| <i>whitei, Protomedea</i>                   | S506  | Xenodice                       | S634         |
| <i>White-rumped Sandpiper</i>               | ZJ237 | xenopoda, Mesochra             | R1484        |
| <i>White-sided Dolphin</i>                  | ZK30  | Xenotrichula                   | HB188        |
| <i>White-tailed Eagle</i>                   | ZJ160 | Xenotrichulidae                | HB176        |
| <i>White-tailed Plover</i>                  | ZJ214 | Xenotrichulinae                | HB180        |
| <i>White-winged Black Tern</i>              | ZJ330 | Xenus                          | ZJ292        |
| <i>White-winged Tern</i>                    | ZJ330 | Xestoleberididae               | R2680        |
| <i>Whiting</i>                              | ZG123 | Xestoleberis                   | R2681        |
| <i>Whiting, Blue</i>                        | ZG125 | xiphiae, Philichthys           | R2045        |
| <i>Whooper Swan</i>                         | ZJ133 | Xiphias                        | ZG526        |
| <i>wierzeljskii, Encentrum</i>              | HA65  | xiphias, Pleuromamma           | R283         |
| <i>wieseri, Odontophora</i>                 | HD608 | Xiphiidae                      | ZG525        |
| <i>Wigeon</i>                               | ZJ101 | Xyala                          | HD549        |
| <i>Wigeon, American</i>                     | ZJ96  | Xyalidae                       | HD502        |
| <i>Wigeon, Eurasian</i>                     | ZJ101 | Xylophaga                      | W2194        |
| <i>wiggii, Naccaria</i>                     | ZM153 | Xylophagaidae                  | W2193        |
| <i>wigleyi, Spiophanes</i> cf.              | P795  |                                |              |
| <i>wilkeae, Heteroxenotrichula</i>          | HB187 |                                |              |

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**Y**

|                         |              |
|-------------------------|--------------|
| <b>Yarrell's Blenny</b> | <b>ZG425</b> |
| yelkouan, Puffinus      | ZJ38         |
| Yellow Billed Diver     | ZJ5          |
| Yellow-fin Tuna         | ZG514        |
| Yellowlegs, Greater     | ZJ284        |
| Yellowlegs, Lesser      | ZJ282        |
| yezoensis, Porphyra     | ZM65         |
| Yoldiella               | W1616        |
| Yoldiella               | W1630        |
| Yoldiellinae            | W1615        |
| yorki, Malmiana         | P1602        |
| Ypsilothuriidae         | ZB246        |
| yunfengi, Ceramonema    | HD468        |

**Z**

|                                      |             |
|--------------------------------------|-------------|
| <b>zaddachi, Gammarus</b>            | <b>S483</b> |
| Zanardinia                           | ZR272       |
| zanardinii, Streblonema              | ZR81        |
| Zanclaea                             | D210        |
| Zanclidae                            | D209        |
| zariquieyi, Liocarcinus              | S1585       |
| Zaus                                 | R969        |
| zebra, Trypanosyllis                 | P363        |
| zeelandicus, Desmolaimus             | HD568       |
| zei, Caligus                         | R2220       |
| zei, Chondracanthus                  | R2029       |
| Zeidae                               | ZG207       |
| ZEIFORMES                            | ZG206       |
| zelinkae, Pycnophyes                 | HC30        |
| Zelinkiella                          | HA116       |
| Zenobiana                            | S946        |
| Zeppelinella                         | P840        |
| zetesios, Sagitta planctonis         | L23         |
| zetesios, Sagitta planctonis         | L24         |
| zetlandica, Aldisa                   | W1366       |
| zetlandica, Alvania                  | W363        |
| zetlandica, Aplysina                 | C1697       |
| zetlandica, Bythocythere             | R2479       |
| zetlandica, Caulleriella             | P831        |
| zetlandica, Flemellia                | W363        |
| zetlandica, Harmothoe                | P76         |
| zetlandica, Hymedesmia               | C957        |
| zetlandica, Manzonina                | W363        |
| zetlandica, Sthenelais               | P111        |
| zetlandica, Taramellia               | W363        |
| zetlandica, Tetilla                  | C316        |
| zetlandica, Tetilla                  | C316        |
| zetlandicus, Chaetozone              | P831        |
| zetlandicus, Heterocirrus            | P831        |
| zetlandicus, Thaumaleus              | R2400       |
| zeugopteri, Taeniocanthus            | R2014       |
| Zeugopterus                          | ZG557       |
| Zeus                                 | ZG208       |
| Zeuxo                                | S1107       |
| Ziphiidae                            | ZK53        |
| Ziphius                              | ZK58        |
| Zirfaea                              | W2184       |
| zizyphinum, Calliostoma              | W182        |
| zizyphinum var. lyonsii, Calliostoma | W183        |
| ZOANTHARIA                           | D646        |
| Zoanthus                             | D660        |
| Zoarcetes                            | ZG436       |
| Zoarcidae                            | ZG430       |
| zonale, Pneophyllum                  | ZM262       |

|                          |       |
|--------------------------|-------|
| zonaria, lasis           | ZD201 |
| zonaria, Salpa           | ZD201 |
| zonata, Nereis           | P478  |
| Zosime                   | R1020 |
| Zostera                  | HD311 |
| Zostera                  | HD353 |
| Zostera                  | HD542 |
| zosterae, Cladosiphon    | ZR217 |
| zosterae, Halophiloscia  | S1082 |
| zosterae, Microlaimus    | HD409 |
| zosterae, Mikrosyphar    | ZR56  |
| zosterae, Southernia     | HD461 |
| zostericola, Eusarsiella | R2432 |
| zostericola, Nicolea     | P1211 |
| zostericola, Trefusia    | HD175 |
| zosterifolia, Petalonia  | ZR189 |
| zygaena, Sphyrna         | ZF44  |
| Zygomitus                | ZS139 |
| Zygomolgus               | R1860 |