Fisheries New Zealand
Tini a Tangaroa

Research on New Zealand's marine fish and fisheries: a guide to the literature, 1769 to 2015

New Zealand Fisheries Assessment Report 2021/29

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ISSN 1179-5352 (online)
ISBN 978-1-99-100926-5 (online)

June 2021

New Zealand Government

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Rationale:

Travellers in a new area pause and build cairns to mark their progress, and to show the way to the others who will follow. And who will progress further, adding their stones to the cairns and building more. Scientists and others who study fishes pause from time to time to write papers to record their findings and set out the information that subsequent workers will build on. This bibliography can perhaps be regarded as such a cairn, a record of progress to date in New Zealand ichthyological and fisheries research, basic and applied, and a guide to some promising paths ahead.

EXECUTIVE SUMMARY

Paul, L.J. (2021). Research on New Zealand's marine fish and fisheries: a guide to the literature, 1769 to 2015.

New Zealand Fisheries Assessment Report 2021/29. **793 p.**

This bibliography collates published references on the identity and biology of New Zealand marine fishes, their fossil and archaeological record, and the commercial and recreational fisheries they support. Accounts of resource ownership and fisheries management are also covered. The references are to species in a New Zealand context. References to species which occur in New Zealand, but do not state this fact, are not included. 'New Zealand' is considered to be the estuarine, coastal, and open waters within the 200-nm Exclusive Economic Zone (EEZ), with a few exceptions a little further into the ocean beyond.

The bibliography has four components. (1) A systematics section, listing 'species' by family (following the currently accepted taxonomy), with the citations for each generic and specific name combination. This component covers references up to the year 2000. Within families, names are alphabetic; within name combinations, citations are chronological. Name combinations are numbered sequentially for indexing purposes. (2) The references, years 1769 to 2000 (cross-referenced) then extended to 2015, alphabetically by author or editor. (3) Appendices: (a) university theses; (b) parliamentary papers; (c) 'Museum Marine File' articles. (4) Indexes: subject index (papers 1769 to 2015) and indexes to scientific and common names and families (papers 1769 to 2000).

Grey literature is generally not included, apart from some titles in more recent years when the distinction between grey and published literature is less clear. Also excluded are the fisheries assessment documents and reports (FARDs, FARs) which originated as grey literature in the 1980s and progressively became more formally published. A moderate number of the approximately 1300 titles are reviews of species, fisheries, or methodologies and would be appropriately included here, and their omission is unfortunate. The majority are annual (or periodic) fishery assessment updates, bycatch assessments, and trawl survey and market sampling reports, with considerable repetition. These FARD and FAR titles, in addition to their sheer volume, would not have fitted easily into this bibliography's format. FARs and many FARDs are available online using keyword searches. They require a separate and simpler bibliography. The large Fisheries Plenary Reports (from 2006), comprising fisheries assessment documents, by species, updated annually, and Aquatic Environment and Biodiversity Annual Reviews (from 2011), are also not included but are accessible online.

This bibliography makes no judgement on the validity of scientific names, or the appropriate use of common names. The arrangement of entries in the systematics section is essentially clerical; no synonymies are implied, although some can be deduced. Spelling and other errors in the original accounts are retained; some are obvious, others less so. Citations (which cease at year 2000) include author, date, pagination, and figures. Illustrations are listed as figures or plates as labelled in the original. Where photographs are unlabelled in the original, they are usually listed as plates. Plates tend to be fish illustrations, and figures convey other information, but this distinction is not absolute.

The subject index covers all the references. Indexes to the scientific and common names cover the references from 1769 to 2000 which are cited in the systematics section.

1. INTRODUCTION

In 1769 Captain James Cook, his scientific party, and the officers and crew of the *Endeavour* were the first Europeans to become acquainted with New Zealand's marine fishes. They caught many kinds and often traded with Māori for both fresh and dried fish. On several occasions Cook recorded Māori fishing activities and fishing gear. On 6 November 1769, while anchored in Mercury Bay, he sent some of his men out to fish. "…neither the sene [seine] nor the Trawl meet with any success," he wrote. "But the natives in some measure made up for this by bringing several baskets of dry'd or ready-dressed fish, altho it was none of the best I order'd it all to be bought up in order to encourage them to trade." (Beaglehole 1955: 194).

For many centuries before this, Māori were familiar with New Zealand's fishes. They wove them into their folklore and learned their ways of life in order to capture them efficiently and in quantity for food. Māori who either lived permanently on the coast, or who moved seasonally to fishing camps on the shoreline, developed great skill in the construction and deployment of fishing gear. Fish were a very important food item. There was trade between coastal Māori and iwi or hapū who lived permanently inland, bartering seafood for birds, berries, and other forest products. This trade subsequently expanded to include the first European explorers and settlers. These Europeans were greatly impressed by Māori fishing skills, both by direct observation and from the evidence in large middens of shells and fishbones which signified a long fishing tradition.

Joseph Banks, the natural historian who accompanied Cook on the *Endeavour*, wrote of the variety and excellence of New Zealand fishes, contrasting them with the scarcity of land animals. An abundance could be found in "every creek and corner"; they were served aboard and judged "not only wholesome but at least as well tasted as our fish in Europe". Sufficient quantities were also salted down to last many weeks after they returned to sea. He recognised some species as the same or similar to English ones, as well as many that "did not all resemble any fish that I at least have before seen", although "our seamen contrived to give names to, … hakes, breams, cole fish, etc. … appellations familiar with us" (Beaglehole 1962: II, 6–7).

Later European visitors also noted the great diversity of fish around New Zealand's shores. For example, the trader J. S. Polack, who travelled through the country from 1831 to 1837, wrote "The coasts, rivers, creeks, &c., of New Zealand abound in fish of infinite variety, and equal in taste and flavour with those of Europe […]. Among the piscivorous tribes, are those well known in Europe under the appellations of snapper, tench, haddocks, pollock, salmon, gurnets, john dory, hakes, bream, sword-fish, elephant-fish, diodons, pipe-fish, cod, parrot-fish, flounders, skate, cat and dog-fish, sting-rays, eels." (Polack 1840: I; 202). Some of these are incorrect identifications, probably resulting from vague descriptions of specimens which resembled European species—a practice that continued in the accounts of some early naturalists.

Fish were important in the 18th and early 19th centuries for three reasons: they were a point of contact between Māori and the early explorers and settlers, the latter often being reliant on Māori fishermen for seafood; they provided fresh food for crews weary of shipboard fare; and they were collected by the early naturalists accompanying the explorers, and then by the resident scientists, to increase knowledge of the marine life of the South Pacific. These concepts, and their development during the 20th and early 21st centuries, are covered by this bibliography.

The Māori dimension includes archaeological studies where fish remains were found, studies of Māori artefacts associated with fishing, the traditional culture and methods of marine and estuarine fishing, modern day concepts of resource ownership, and fisheries claims. Studies on the development and extent of commercial and then recreational fishing are covered, including foreign fishing in New Zealand waters; fisheries management; fisheries legislation; the processing, composition, and nutritional value of fisheries products; and marine finfish aquaculture. A major part of the bibliography is concerned with the fishes themselves. New Zealand studies, as elsewhere, cover all aspects of their

identity and life history. The bibliography collates references to papers on the description, taxonomic relationships, distribution, biogeography, behaviour, reproduction, age and growth, feeding, diseases and parasitology, and the ecological interactions of New Zealand marine fish species, including their roles as predators or prey of seabirds and marine mammals.

1.1 Structure of the bibliography

Scope

References are included if they describe or list a marine fish species in a New Zealand context, describe a New Zealand commercial or recreational fishery and its management, or the product of such a fishery. Fossil fish references, and accounts of fish or fishing in an archaeological context, are also included. References which deal almost exclusively with a species (or group) studied elsewhere, but which mention a New Zealand distribution, are included. These are naturally only a sample of such references, encountered by chance when checking 'Literature Cited' lists; there will be many other studies which peripherally mention New Zealand. Accounts of an Australasian or cosmopolitan species, common in New Zealand but not mentioned as such, are not included. Some references are obviously accounts of species or faunas in other countries, but these are included if they mention New Zealand in the context of distribution elsewhere. Species accounts with statements such as "widespread in the Pacific Ocean" or even "present in the southwest Pacific" are not included, even when it is highly probable (from information in other publications) that New Zealand is contained within this description.

Structure

The bibliography has four sections.

(1) A systematics section, listing 'species' by family and the citations for each, from references up to the year 2000. It follows the classification sequence used by Roberts et al. (2015). The 'species' are the generic and specific names used by the authors cited under each, errors included (unless inadvertently corrected), arranged alphabetically within each family. When only common names have been used in a reference, they are listed alphabetically following the generic and specific names in a family. All entries have a unique sequential number.

(2) The references, alphabetically by author (or editor, for compilations). Those from 1769 to 2000 are cited; those from 2001 to 2015 are listed only.

(3) Appendices: (a) university theses; (b) parliamentary papers – sections from the Appendices to the Journal of the House of Representatives (excluding Annual Reports of Government Departments); (c) 'Museum Marine File' articles which, although published in a fisheries magazine (grey literature) contain much original material.

(4) Indexes. A subject index to all references, and indexes to the scientific and common names used in the 1769 to 2000 publications.

Geographic coverage

'New Zealand' is essentially the 200-nm Exclusive Economic Zone, extending from the Kermadec Islands in the north to Campbell Island in the south and the Chatham Islands to the east. However, coverage extends a little beyond this, to the outer edges of the Campbell Plateau, Chatham Rise, and Challenger Plateau. It also extends to parts of the Norfolk Ridge and Kermadec Ridge northwest and northeast of New Zealand, where some New Zealand-based exploratory and commercial fishing has occurred. In such cases the information is usually published in papers or reports describing 'New Zealand' fish and fisheries.

Published and grey literature

The bibliography was originally intended to be restricted to formally published literature. Until about 1990 this distinction was reasonably clear, and grey literature (magazine articles, reports with a limited distribution, etc.) was excluded. In subsequent decades the distinction is less clear, and the advent of the internet adds another dimension. In these later years the emphasis remains on formal publications, but where less formal publications proved to be readily available online (in addition to formal online

publication, either open-access or by subscription) they have been incorporated. An important exception to the exclusion of magazine articles is the inclusion of articles on the discovery and identification of fish species which appeared as the series 'Museum Marine File' in the magazine *Seafood New Zealand* from 1993 to 2007. Written by researchers at the National Museum (now Museum of New Zealand Te Papa Tongarewa), they contain much original material and are regularly cited. They are listed here in Appendix 3. They were published in *Seafood New Zealand* (1993–), a successor magazine to *New Zealand Professional Fisherman* (1986–1993); it is an important source of information and commentary on the New Zealand fishing industry, but its other content is not covered here.) The same authors wrote articles on recreationally-targeted species in a series 'Something Fishy' in the recreational fishing magazine *New Zealand Fishermen*. These were shorter pieces with little new material and have not been referenced here. Two other commercial fishing magazines have not been covered: *Catch* (Ministry of Agriculture and Fisheries 1974–1988, for which indexes exist, and *Commercial Fishing* (Trade Publications, Auckland, 1962–1990). Both have important content on New Zealand fisheries and their management. Also excluded as grey literature are 'Internal Reports' produced by government ministries, departments, agencies, and academic institutes, although some are becoming available via online searches. They include data reports, scoping or preliminary research results, and policy documents. They are excluded because it is difficult to define limits, and not because they have limited value. Many contain important, particularly historical, information, and online titles can be located with appropriate searches. Waitangi Tribunal material was considered problematic. Its two main fisheries reports are recorded here, but fish and fisheries, notably traditional fishing, are mentioned in its other reports. There are many supporting inquiry documents backgrounding the claims to the Waitangi Tribunal. In the context of this bibliography they are grey literature, but they are accessible online.

A significant omission

Probably the most significant omission is the series of fisheries-oriented documents originally titled FARDs (Fisheries Assessment Research Documents, from 1988), subsequently titled FARs (Fisheries Assessment Reports, from 2000). For the first few years these were working documents which, with some modification, were combined into annual fish stock assessment reports, the latter becoming standardised as 'plenary documents'. They clearly fall into the grey literature category, outside the scope of this bibliography. Later, and the process was gradual, they were refereed with increasing rigour and became significant accounts of species, fisheries, and fisheries research methods. Although they cover a variety of topics, there are two main groups: reviews of fish and/or fisheries, which would be of considerable value to users of this bibliography, and trawl survey and market sampling reports, plus annual or irregular fish stock assessments, with repetitive content probably of less relevance. The sheer volume of material also made it impractical to include this series in this bibliography; many titles contain long species lists. From 1988 to 2015, some 1300 of these documents were produced, the majority dealing with marine fish and fisheries (the series also covers marine invertebrate and freshwater fish and fisheries). They contain a great deal of valuable information, often on topics formerly published in Ministry of Agriculture and Fisheries (MAF) and National Institute of Water and Atmospheric Research (NIWA) Technical Reports (which *are* included here). They also overlap with the Aquatic Environment and Biodiversity Report (AEBR) series (which is included here).

Some of the material in FARDs and FARs has been consolidated and is 'republished' in journal papers. The FARs and some of the FARDs are available online, but a comprehensive bibliography of all the titles, plus other relevant grey literature and some published fisheries assessment documents which present related data sets (e.g., trawl survey series), presented in a simpler arrangement to that used here, would be valuable. The large Fisheries Plenary Reports (from 2006), comprising fisheries assessment documents, by species, updated annually, and Aquatic Environment and Biodiversity Annual Reviews (from 2011), are also not included. They are accessible online, as is a variety of other government documentation of fisheries management and policy. As noted further below (under Parliamentary Papers), all this material was judged to fall outside the more formal scope of this bibliography, although it is an important source of information on the most recent fisheries data and policies.

Other significant publications

The *New Zealand Inventory of Biodiversity* (Gordon 2009) is listed as a reference, but (like the other post-2000 titles) is not cross-referenced by species. The section on Phylum Chordata includes a comprehensive overview of New Zealand's ichthyofauna, including fossil remains, with emphasis on historical collection, the progress being made in scientific studies, and biogeography. It focuses on the higher taxonomic groupings, with some mention of particular genera and species, and contains a checklist which is an early version of that by Roberts et al. (2015). This account in Gordon (2009) is a precursor and complementary to the 2015 *Fishes of New Zealand* written and coordinated by several of the same authors.

The Dictionary of New Zealand English (Orsman 1997) contains information on the derivation and historical use of the common names of fish (in fact, all fauna and flora), but this material is not repeated here. *The New Zealand Descriptive Animal Dictionary* (Foord 1990), which lists names with brief descriptions, essentially repeats existing information and is also not covered.

The major work *Fishes of New Zealand* by Roberts et al. (2015) is included only as a reference but needs to be mentioned here. It stands apart as an essential reference and includes an extensive list of references that both directly and indirectly identify New Zealand species. Many of these references, by not specifically mentioning New Zealand, fall outside the scope of this bibliography but are essential works. The checklist it contains forms the framework of this bibliography.

There are numerous books on recreational or sport fishing. These have not been included, unless they contain descriptions or biological information on marine species. Similarly, popular articles on sport fishing are not included, but technical reports on this topic prepared by official agencies are, particularly for recent years.

Freshwater fishes

Estuarine species with a distribution extending into fresh water are included. True freshwater species are not included, as the bibliography's title implies, although some species have a marine stage in their life history. However, their families are listed within the systematics section, with a link to publications by McDowall (1964, 1990, 2011) which cover them in considerable detail.

Fish names

This bibliography is intended to be a guide to the published literature on New Zealand marine fishes. It makes no judgement on the validity of scientific names, or the appropriate use of common names. All are treated equally, and their arrangement (aside from the sequence of families) is essentially clerical and, in most cases, alphabetical. Errors and misattributions in the original accounts, even when obvious, are not corrected. As noted below, the interpretation of recorded names and their presentation here is not entirely straightforward.

Validity and chronological listing of scientific names

In most instances, the citations (author, date, pagination) listed under each scientific name in the systematics section used that name as the main, preferred, or then-current name in the paper or report cited. Thus, the relative number of uses, and the span of their dates, provide a general guide to the names in use for that time period, or at least preferred by the listed authors. Synonyms, if only listed as such in the original, are not included. However—and this proved to be a subjective decision—if earlier names are discussed in a text as possible synonyms, often with supporting text, they are included here. For example, in the original: 'This specimen, considered to be 'species-name a' may upon further work prove to be 'species-name b'… '; both names are included. In a similar example, if a publication states that '… 'species-name a' (also referred to as 'species-name b') …' both names are recorded for that author. These discussed 'synonymies' are not common, but, where they do occur, they distort the date range inferred for the general use of that name.

It must be emphasised that this work makes no effort to create synonomies. All name combinations which have been used are listed equally, whether or not they were valid at the time or are currently considered valid. Inevitably, of course, many of the listed names have become synonyms.

Common names

It is useful to consider common (English, or more correctly New Zealand European) names as falling into several overlapping categories:

Official names, defined in fisheries law and similar documents and covering only the main, usually commercial, species. These are used in the annual Fisheries Plenary Reports and supporting documents (FARs, AEBRs, etc.), and in publications closely associated with the quota system of management (QMS) (e.g., Clement & Winch 1987, Clement & Associates 1997a, b).

General names, used in other printed material (books, papers, etc.). There are often alternative names for the same species, and/or alternative forms of the same name (e.g., elephant fish, elephantfish). Many of these names are descriptive. Some are transferred names, derived from unrelated European fishes which are similar in appearance. The origin and use of many of these names are given by Orsman (1997).

Colloquial names, used orally but sometimes recorded in print; they are therefore not well covered in this work. They vary considerably by region, and by user group (e.g., recreational cf. commercial fishers), and their usage can be short-lived. Some are noted by Orsman (1997), and Connor (2006, 2011) comments on some of their characteristics—notably the addition of 'ie' or 'y', as in "kingie", "schoolie", "stripie", etc. by recreational fishers to imply that the fish was "a willing combatant in a fair fight". Conversely, some species are given a derogatory name, based on an actual or perceived characteristic. Examples are: snotfish (hagfish), rattails (grenadiers or whiptails), axe-handles (barracouta), and shitfish (unwarranted, so not identified here). Collectively, small fish can be called bait-robbers (by recreational fishers) and trash-fish or rubbish-fish (by commercial fishers).

Standard names, which have been agreed upon by a designated group of taxonomists, fish-book authors, and representatives from fishing industry and recreational fishing associations, perhaps with wider public input, and then formally published. Standard names have been established for Australian fishes (Yearsley et al. 2006, who describe the procedures and protocols they followed), North America (Page et al. 2013), South Africa (Smith 1975, Jackson 1975), and Japan (Nakabo 2002, Ichthyological Society of Japan website). New Zealand does not yet have a list of standard fish names, although some progress has been made in standardising the names of commercial species (OECD 1990, IAS 1991) and the main species destined for export (Armitage et al. 1981, and subsequent editions).

Recommended names, a level lower than standard names and essentially limited to commercial species, established to minimise confusion in local and international trade. The main ones are listed by Sorenson (1970), Armitage et al. (1981), Clement & Winch (1987), and OECD (1990); the latter includes New Zealand species.

Transferred names, which have been brought to New Zealand from elsewhere and 're-used' for species which are related or similar in appearance. Many of the common food fishes were given British names, e.g., dab, lemon sole, monkfish, ling. A variation of this occurs where the name is used in the sense that "this fish, or a very similar one, is known by this name elsewhere, and the name might perhaps be appropriately used here." Thus, it is not a true New Zealand name at the time of the reference, although it may become so later. Some Māori names originate elsewhere in Polynesia; *hapu'u* is a Tahitian serranid similar to the hāpuku, *tamure* is a Tahitian lutjanid similar to the New Zealand tāmure or snapper (a sparid). Kanae (grey mullet) and kōheru (a scad) are very similar to the names of related species in Polynesia. See Orsman (1997) and Hooper (1994) for more information and further examples.

Fish product names, applied to fish after capture and processing. The most common examples are probably "Lemonfish" for *Mustelus lenticulatus* (spotted smoothhound or rig), "Flake" for various species of shark, usually *Galeorhinus galeus* (school shark) and "Creamfish" for *Parika scaber* (leatherjacket), but other locally-coined names come into this category, particularly in the retail trade. "Deep-sea cod" is a pseudonym for a number of species that are little-known or difficult to sell under their true name. Product names generally replace the more usual fish name when the latter is relatively unknown or is considered 'undesirable' by the seller and potential consumer.

The common names for the species in the list at the start of each family, from Roberts et al. (2015), are general names as defined above. Some differ from names used in other books, and from colloquial names, as pointed out by Francis (2016). They are listed here for conformity with the 2015 book, which will be a standard reference for many years, but only time will determine whether they become standard names.

The common names listed in each numbered name combination entry are those which have been used in one or more (but not all) of the citations. They may or may not be 'correct', in the sense of meeting one or more of the above definitions. If no common name has been used, as with some less familiar species with few citations, no common name is listed—although one may have been given in the preceding 2015 species list. It is therefore not possible to attribute each common name to the authors who have used them, but their listing does record the existence of the common names which have been used during this time period.

Māori names

Māori names fall into most, if not all, of the above categories. Many are official names (they are certainly general names) and will become standard names when these are established. Some are transferred names from elsewhere in Polynesia (Hooper 1994), and for the common fish species there are alternative names and regional variations (Strickland 1990).

All common names, English and Māori, which have been found in the literature covered by this bibliography, are included here. However, they are listed in a secondary context; the entries in the systematics section are arranged by scientific names (and relationships, as far as this can be determined). All the common names which have been linked to a scientific name in the literature are appended to that scientific name entry in the systematics section. This does not imply that all the references cited under that scientific name have used one or any of these common names. It is only possible to determine which of the listed authors did so by referring to their original publications. The most likely occasions requiring this would be (a) when seeking the first author who used a particular common name, (b) when seeking which common name had been used most frequently, and (c) when seeking the most frequently used version (formation, spelling) of a common name. It would have been possible to incorporate this information directly in the bibliography, but at the cost of much greater complexity—particularly where variants of the same common name are used within a single publication. It was not considered necessary when this bibliography was started, or during its subsequent use in draft form prior to completion. For simplification, some formatting variations are combined; e.g., 'elephant[-]fish' would include two or more of the variations 'elephant fish, 'elephant-fish', and 'elephantfish'.

More fundamentally, names are just words or a set of words by which something is known or referred to. In particular, common names of fishes, for example, are labels, not identities. Most fish species have more than one name, even within the same language, and the more common and widespread a species is the more names it generally has. Often the name is obviously descriptive; in others the name origin is obscure and debatable. Scientific names are also descriptive but do also include some information on the taxonomic relationship, i.e., identity, of a species.

The structure of the systematics section

As noted above, the arrangement of families follows Roberts et al. (2015). All the families in that publication are listed here, including those of freshwater species (covered elsewhere in bibliographic

work by McDowall), and those where species have been recorded since the cut-off date of 2000 (and hence have no citations here). Each family starts with a checklist of the species derived from that work. These lists should clarify the subsequent entries of lesser-known species, and the misidentified, misspelt, and erroneous name combinations. Within families, scientific names are listed alphabetically, by genus and then species. The spelling used in the original publication is retained, even when there is an obvious error; for too many, it is unclear whether such 'variations' are errors or corrections. (An exception to this has been made when a scientific (specific) name is variably written as a single word, as two words, or hyphenated; a common example is *novaezelandiae/novae-zelandiae/novae zelandiae*. Such variations are combined here in the format, e.g., *novae[-]zelandiae*.) Within each spelling variation for a 'genus' the sequence is: specific name as listed (alphabetically); generic name only; generic name with unidentified or unnamed species (sp., spp., or sp. A). When species are only listed by letter, e.g., 'sp. A', in the original this letter is retained, although for some these may refer to different species. When an unidentified species (i.e., *Genus* sp.) is associated with more than one distinctive common name these entries are listed separately, although they may refer to the same—i.e., a single—species. It is important to note that, because of spelling variations, citations to the same 'actual' species may thus be separated by some distance within the alphabetic list of generic and specific names in the family. At the end of each family, citations by common name only are listed. Species (and families) which have been recorded in error from New Zealand are included, with a comment to that effect when this was known by the compiler.

The citations in the systematics section

These are listed chronologically under each name entry, usually in the standard format: author, date, pagination, and figures. The latter were included in the early years of this bibliography's creation as a guide to sources with illustrations which would assist in fish identification. Over time, relatively more of the listed figures became graphs, distribution maps, etc., but it was decided to continue the format. A publication's title usually indicates what sort of figure(s) are being cited, and the presence of figures is some measure of the detail likely to be included. There are two exceptions to the listing of pages on which a species is mentioned. (1) When a species is mentioned on most of a sequence of many pages the entire sequence is listed. (2) In a large paper or report where a species is mentioned on many pages, the pagination is given as an asterisk (*); in some species the first page of a mention is given. When there is more than one author with the same surname an initial is added to the citation; this developed progressively as the bibliography was created, and, although retrospective cross-checking was done, it is possible that some of these identifying initials have been missed.

The references

References are given as fully as possible, including the part number of a volume where this could be determined. Date of publication is given as the date most commonly cited for a publication, although this may differ from the nominal date for a volume, e.g., the date printed on the cover. Some volumes are published a year or more after the nominal (cover) date. In such references, and where this is made clear, the nominal (and earlier) date is included here within the journal's title, following previous usage. Some publications are issued in parts and subsequently consolidated. For taxonomic priority the earlier date may be the more relevant one, but no attempt is made here to establish this. Such references will still need to be clarified by the user of this bibliography. The titles of journals, reports, and proceedings are given as fully as possible, but it has been difficult to be consistent with titles located from secondary sources. Some journals have had a change in title over time; the title in existence at the time of a paper's publication is used here, although it was noted during cross-checking that the later title has been used by some authors when citing such papers. Papers in some conference proceedings have been problematic; sometimes the conference's 'topic' or 'theme' is clearly part of the publication's title, sometimes it is not, and sometimes it is vaguely implied. Where doubt exists, the title used here is the implied title. Papers, proceedings, and reports in a foreign language also caused problems, particularly when these could only be cited from a secondary source. Where an English abstract (with title) was present the latter was used. Where no English title was available in the original, the one most commonly cited was used. Where only the original foreign-language title could be found, and was somewhat

obscure, an unofficial translation has been added here [in square brackets]. Some ambiguities and discrepancies are inevitable in this work, compiled over several decades.

A specific note is required for the *Transactions and Proceedings of the New Zealand Institute*, subsequently the *Transactions and Proceedings of the Royal Society of New Zealand*, which is a publication series containing a large number of the papers included here. From 1869 to 1918 (Volumes 1 to 50) the annual volumes are titled '*for [the year preceding publication]*'; the actual publication year is used here. From Vol. 51 (1919) the '*for ...*' is dropped and only the publication date is shown on the volumes. From Vol. 58 (1927/1928) onwards the *Transactions* were issued in quarterly parts (with occasionally two parts combined) and, until Vol. 77 (1948/1949), were also combined into an annual volume. These parts usually appeared over two calendar years, with a consolidation in the second year. There are two dates listed on each part: a nominal date and an issue date. The date used here is the date the part was issued, which is usually a few months after the nominal date, and often (mainly for parts 1 and 2) will be the year prior to the date of the consolidated volume. From Vol. 78 (1950) only quarterly parts were issued. A separate problem results from some of the papers, essentially preprints, being issued prior to the date of the volume or part. This individual date is not used here but is relevant when issues of taxonomic priority are involved; in such examples the actual paper must be viewed. These papers contain the date of their first publication. As a consequence of all the above, the publication dates cited here may differ by one year from the dates cited elsewhere. The name of the Royal Society's publication series also changed over time. Volumes 1 to 63 are *Transactions and Proceedings of the New Zealand Institute*. Volumes 64 to 79 are *Transactions and Proceedings of the Royal Society of New Zealand*. From volume 80 to 88 they are *Transactions of the Royal Society of New Zealand*, with the *Proceedings* published separately. The series was then (1961–70) subdivided into subject areas (Zoology, Botany, Geology, Earth Sciences, Biological Sciences, and General, with some series changing names), each commencing with Vol. 1. From 1971 the Society's publications were consolidated into quarterly issues of the *Journal of the Royal Society of New Zealand*. Overlapping accounts of these changes are given by Collins (1971), [Cresswell] (1978), and Fleming (1987).

It must also be noted that there are several series of New Zealand 'fisheries technical reports', written by staff in the government's fisheries research agency. This team of people originated in the New Zealand Marine Department as the Fisheries Research Laboratory, then with a succession of titles moved to the New Zealand Ministry of Agriculture and Fisheries (MAF), and then to the National Institute for Water and Atmospheric Research (NIWA). Essentially these reports form one series which progressively underwent more rigorous peer review over time. The series title changed twice, and the numbering restarted from No. 1 twice, although not in parallel with the research agency's hosting organisation and publisher. These changes are summarised as follows.

Fisheries Technical Reports Nos. 1–151 (1958–1977). New Zealand Marine Department.
Fisheries Technical Reports Nos. 152–160 (1978–1984). MAF.
New Zealand Fisheries Technical Reports Nos. 1–42 (1987–1995). MAF.
New Zealand Fisheries Technical Reports Nos. 43–50 (1995–1997). NIWA.
NIWA Technical Reports Nos. 1–137 (1997–2012). NIWA.

The reports issued by MAF include sequences published by Fisheries Management Division, and by MAF Fisheries and MAFFish, as divisions of the ministry. These have been standardised here as the ministry itself. For clarity the publisher of all these reports is listed in this bibliography's references, but elsewhere this is not always done.

In some recent publications online publication occurs prior to availability of a print version; for these the date most commonly cited in subsequent papers has been used. For issues of taxonomic priority, however, further investigation into the publication's history should be made.

Where several authors have the same surname, one or more initials are added to the citations. Exceptions occur when there are only a few references unlikely to be confused, and when subsequent index entries are clearly by the same author. Caution is required with 'et al.' references in the Subject Index. The

usual style is used in the References section, which is arranged alphabetically according to the sequence of co-authors. The publication date sequence of the principal author is thus not followed. In a few instances the principal author has published with two or more different co-authors in the same year. To simplify cross-referencing using the normal 'author et al.' citations in the systematics section and subject index, a summary phrase has been added to the references. The different author sequences have been summarised as, Author [et al. (year)A], Author [et al. (year)B], etc., using capitals to distinguish these references from those using the normal lower case letters [Author(s) (year)a], etc.

Acquiring references

There were three broad stages in the construction of this bibliography.

(1) There was an initial search through all the New Zealand journals and report series likely to contain fish and fisheries information. For as many papers as possible, the references cited were also located. (A few could not be located, but if their content could be determined by their title, they were included.) The publication *Zoological Records* was searched as far back as practicable (i.e., available in accessible libraries), and existing bibliographies likely to cover New Zealand and/or marine fishes were checked.

(2) The bibliography then existed as a working document for several decades and was updated as new information became available, the major journals being monitored at least annually.

(3) Finally, because draft versions proved to be useful to the ichthyologists and fisheries scientists it was shared with, it was decided to complete it to the year 2000 and make it more readily available. This task was greatly assisted by the increasing availability of older as well as recent publications online, and by search tools such as Google Scholar. Journals known to contain New Zealand material were systematically searched, all located papers were checked for the references they cited, and the online ability in Google Scholar to search forwards, i.e., 'cited by', was utilised. This led to a sizeable compilation of post-2000 publications, their references providing additional earlier papers. As noted above, it was then considered useful to incorporate these within the main set of references, even though they were not cross-referenced by species.

Why 2000 and 2015?

It would, naturally, have been tidier to have continued the cross-referencing up to the year 2015. But the work had already grown beyond its original scope, and there was a real risk that it would become never-ending. For this reason, the year 2000 was chosen as the final year for cross-referencing, and this was adhered to. The extension of references to 2015 was in part a consequence of the work by Roberts et al. (2015) appearing in that year. There was judged to be merit in matching that time scale. When, and if, that larger work is revised and reissued it might be appropriate to consider an update, with corrections, to this bibliography. In part, also, the extension to 2015 resulted from acquisition and use of these later publications to search for pre-2000 titles in their references.

It would similarly have been useful to add post-2015 papers even as the main work was being revised and prepared for publication. However, there has been a significant increase in the rate of publishing fisheries papers in a widening range of international journals in digital and/or traditional formats. Also, there are now more online reports that can be considered intermediate between grey literature and formal 'publications', and decisions on which to include would have become more subjective. Finally, as noted above, many publications 'become visible' to compilers and cataloguers working across a wide field—in this case fish and fisheries—only when they are subsequently cited. It was decided that by following this course (updating, perhaps as an appendix) there would have been an artificially diminishing and hence misleading number of papers from the later years. These more recent papers are now more easily tracked down using online systems, in particular by choosing a pre-2015 paper on the appropriate species, taxonomic group, or topic, and determining the authors who have subsequently cited it.

University theses

University theses on New Zealand marine fish and fisheries are included as Appendix 1. Titles have been collated from a variety of sources, including compilations by the New Zealand Libraries Association, the New Zealand Marine Sciences Society, and the holdings of the Greta Point Library of the Ministry of Agriculture and Fisheries, subsequently transferred to NIWA. Many theses were also located during online searches in Stage 3 of reference acquisition above, both directly and indirectly (as literature cited). The list of theses, however, is unlikely to be complete. Because of their relative inaccessibility they have not been incorporated in the systematics section, or in the indexes.

Parliamentary papers

There have been many government reports on New Zealand fish and fisheries (usually the latter), either summarising information, or arising from formal enquiries into known or potential fisheries problems. They are published within the series *Appendices to the Journals of the House of Representatives* (AJHRs) and collectively generally referred to as 'parliamentary papers'.

The first category includes the routine annual reports of those government ministries, departments, and authorities or agencies which have some jurisdiction over fisheries. The main series is the *Annual Reports on Fisheries*, contained within the Annual Reports of the Marine Department (1877–1972), Ministry of Agriculture (1973–1994), Ministry of Fisheries (1995–2011), and Ministry for Primary Industries (2012–). Originally, fisheries and other marine matters came under the Customs Department, but little appears to have been recorded prior to the mid-1880s. The fullest reports, including commercial landings data as well as general text, were produced by the Marine Department and the Ministry of Agriculture and Fisheries. The subsequent Ministry of Fisheries (MFish) and Ministry for Primary Industries reports essentially contain descriptive text, with landings (and other) data transferred to annual [Fisheries] Plenary Report documents, State of the Fisheries documents, and State of the [Fish] Stock documents available online. The websites hosting these will probably change over time, so these documents are not referenced here. The *Annual Reports on Fisheries* are not generally covered by this bibliography (although they contain much useful information), but there are some exceptions: a few appended documents covering specific topics are included in the main (1769–2015) references, as are the appendices of these reports which describe the work on named species at the Portobello Marine Biological Laboratory.

The second category, reports of government commissions and enquiries, are also not covered in detail by this bibliography, apart from being listed by title in a separate appendix. They are not indexed, but their titles should be browsed for information on fisheries development and management issues. The list is undoubtedly incomplete; the complete series of AJHRs has not been searched, although they are now available online (to the 1950s, at the time of this compilation). Titles have been located using a variety of secondary sources; these reports are quite frequently cited in accounts of New Zealand's fisheries governance.

The appendix on parliamentary papers (Appendix 2) is incomplete, being biased towards the 19th and early to mid 20th centuries, when such documents were recorded in the AJHRs. In more recent decades equivalent government reports were produced as stand-alone documents which fall within the grey literature category not covered here. Some, subsequently, have become available online, or are only—or predominantly—available in that format. 'Published' government information on New Zealand's marine fisheries has not diminished with time but must be located by means other than this bibliography.

Indexes

Although this bibliography has been made available as a word-searchable pdf file, it was considered useful to prepare some indexes. There is a subject index, which should provide a guide to those papers which lack appropriate keywords in their title, as well as suggesting alternative keywords to search on. The scientific names index should help locate alternate spellings. The common names index identifies entries where the common name is used in association with a scientific name, as well as entries where

only the common name is used. Both name indexes use the unique identification number of each entry, and not a page number.

Potential errors

The first version of the bibliography (most references to about 1970) was handwritten on cards, then typed to a manuscript. Inadvertent transcription errors are probable. The typescript was scanned by OCR software to WordPerfect files, and these were subsequently converted to Word files. Although used, checked several times, and corrected since then, some conversion errors (mis-read characters) may remain. Later entries were word-processed directly into files. Continuous cross-checking during use and during completion of the work did find copying errors, and it is very likely that others remain. Another potential error lies in the allocation of 'species' (generic/specific name combinations) to families in the systematics section. Allocation follows Roberts et al. (2015), but there were difficulties with obsolete names and with names considered to be original mis-identifications. Where it was possible to recognise the true identity of the genus or species in question it was placed in the appropriate family. For others, the name combination was placed in the most likely family (usually based on a recognisable specific name) or in the family containing the recorded generic name. Some of these may be misplaced, particularly in the small families of deepwater fishes, and for some deepwater sharks where nomenclature has changed significantly over time. References to fossils (usually teeth) were troublesome, with significant name changes over time. Allocation was made to the most probable family; greater emphasis was placed on the later papers, resulting in some odd placement of the earliest names. Consequently, the listings of name combinations within families are not to be relied on.

Although most errors in the original accounts remain uncorrected here, for some an explanatory note has been added when a significant error was recognised by the compiler or brought to his attention. Examples included papers cited in the literature although not actually published, families recorded incorrectly from New Zealand, and related families combined when the identity of citations to them was unclear.

A few papers or reports on species or fisheries included in this work have misleading or incorrect content, but because it is difficult to establish a clear and fair guideline to identify these they are included, usually (but see previous paragraph) without a corrective comment. Thus, a listing in the bibliography is not a guarantee of authenticity or reliability of species identification or factual information in the paper.

Earlier bibliographies

Hamilton (1902) compiled a list of papers on New Zealand fish and fisheries, but there have been no subsequent general bibliographies. There have been a few on particular biological or ecological topics (fish ageing, parasitology, coastal research, etc.), management (marine reserves), and fisheries; see Bibliographies in the Subject Index. There are also extensive references in some checklists and in review papers; see Checklists and several Review entries in the Index. The comprehensive works by Gordon (2009) and Roberts et al. (2015) contain very extensive references, with emphasis on New Zealand and broader taxonomic issues.

Finally, it is re-emphasised that this work is a *guide* to the literature, and not an authoritative source document.

1.2 Acknowledgments

As might be surmised, this compilation required considerable assistance. Terry Dyer and the late Ron Cormack contributed to an early version of the card index. Carolyn Roberts carefully transferred the cards (to about 1970) to a typescript. The late Harry Orsman at Victoria University of Wellington, English Department, used early OCR technology to convert this to a digital file, which became the core of the present work. I am extremely grateful to colleagues in various institutions, who over several decades drew my attention to papers of interest, and/or supplied copies of their or other publications. I

am reluctant to selectively name them for fear of omissions, but they know who they are. The librarians at MAF/NIWA were very helpful in obtaining the more obscure titles. Andrew Stewart at the Museum of New Zealand Te Papa Tongarewa read the manuscript and made many corrections and useful suggestions; the errors which remain are, of course, mine. In fact, I am indebted to the work of the Museum's entire 'fish team' and their collaborators in other institutions, whose work for *The fishes of New Zealand* solved many of the nomenclatural problems I had and provided a framework for the structure of my systematics section. I am particularly grateful to the Fisheries New Zealand staff of the Ministry for Primary Industries for encouraging its completion and providing financial assistance to aid this, in particular Martin Cryer and Marianne Vignaux. I thank Susan Jane Baird for her skill and stamina in editing the resulting large and complex manuscript.

Two apologies are in order. First, to those authors whose papers have been overlooked. Second, to those authors who correctly used a name combination that has inadvertently been converted in this bibliography to an apparent error. The number of obviously inadvertent errors (typos, etc.) which were encountered in papers and reports during preparation of this work suggest that further errors were almost certainly created as it proceeded through its successive versions.

1.3 References for the Introduction

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2. SYSTEMATICS SECTION

The sequence and nomenclature of families and higher groups follows Roberts et al. (2015). The family lists of species recognised in 2015, together with their common names, are also taken from the checklist in this reference. A note to non-taxonomists: the author and date are placed in parentheses when the species has been moved to a new genus. A few families only contained species described or recorded from New Zealand after 2000 but are included to maintain comparability with this reference. Freshwater fish families are listed within the sequence, again to maintain comparability, with a reference to appropriate detailed information elsewhere. Figures or plates are listed as in the original, whether numbered or not. For some, mainly when these are complex, the part number is given, e.g., fig. 1a, pl. 2b. 'MS' refers to a few instances where early accounts exist only in manuscript, sometimes within another work, as indicated in the full reference.

PHYLUM CHORDATA
SUBPHYLUM CEPHALOCHORDATA
Class AMPHIOXI
Order AMPHIOXIFORMES Lancelets

Family Epigonichthyidae Lancelets

Species recognised in 2015:
*Epigonichthys hectori (*Benham, 1901) Lancelet

1 *Asymmetron hectori*
Herdman 1904: 7

2 *Branchiostoma lanceolatum*
LANCELET
Hutton 1872: 88

3 *Epigonichthys*
Bigelow & Farfante 1948: 18

4 *Epigonichthys hectori*
LANCELET
Hubbs 1922: 15
Richardson L 1950a: 86
Morton & Miller 1968: 588, 590
Paulin 1977: 143–147, fig. 1
Crossland 1979: 277
Paul 1986: 23, fig.
Paul 2000: 23, fig.

5 *Heteropleuron hectori*
LANCELET
Benham 1901a: 273–280, pl. 17
Benham 1901b: 121, pl. 1
Hutton 1904: 55
Hardy 1990: 5

6 *Zeamphioxus hectori*
Whitley 1932a: 264
Whitley 1940a: 241, fig. 287
Whitley 1968a: 4

EARLY FOSSIL FISHES

Note: Some citations are grouped here for convenience, because classification systems vary and the placement of orders or families within the sequence used in this bibliography is problematic. Attribution to genera in the original accounts is often tentative. For simplicity, named (sometimes tentatively-identified) genera are listed alphabetically within their family (or higher group), also listed alphabetically. Most of these attributions to a higher group are as originally given; a few are based on listings in recent literature.

References to fossils belonging to families with extant species in New Zealand are included within the main systematics section, labelled as fossil, and are also listed at the end of this section.

Acanthothoraciformes

7 *Kadunglelepis*
Macadie 1998: 18, 23, 26, fig. 2

8 *Murrindalaspis*
Macadie 1998: 18, 19

Antarctilamnidae
9 *Antarctilamna*
Macadie 1998: 23, fig. 2

Arthrodiriformes
10 *Actinolepis* sp.
Macadie 1985: 73, figs 2, 3
Brazier et al. 1990: 40, fig.

11 ARCTOLEPID
Macadie 1998: 18

12 *Buchanosteus*
Macadie 1998: 18, 19, 26, fig. 2

13 *Goodradigbeeon*
Macadie 1998: 18, 22, fig. 2

Cestracionidae
14 *Cestracion coleridgensis*
Chapman 1918: 2–3, 6–7, 29–32, pl. 9 figs 3a,b

15 *Cestracion novo-zelandicus*
Chapman 1918: 2–3, 7, 29–32, pl. 7 fig 8a–c, pl. 9 figs 4a,b, 5a,b

Cladoselachidae
16 *Cladolepis*
Macadie 1998: 18, 23, fig. 2

Climatiiformes
17 *Nostolepis athleta*
Macadie 1998: 18, 22, fig. 2

18 *Nostolepis gracilis*
Macadie 1985: 75
Brazier et al. 1990: 40

19 *Nostolepis striata*
Macadie 1985: 75, figs 1, 2, 4
Brazier et al. 1990: 40, fig.
Macadie 1998: 18, 22, 26, fig. 2

Clupeiformes
20 *Scombroclupea* sp.
Fordyce 1991: 1218

Diplacanthiformes
21 *Uraniacanthus*
Macadie 1998: 18, 22, fig. 2

Elopidae
22 *Thrissopater* sp.
Woodward 1917: 342, pl. XX1 figs 1, 23
Marples 1949: 103
Fordyce 1991: 1218

Ichthyodectidae
23 *Portheus dunedinensis*
Chapman 1934: 117–119, pl. 12 fig 1
Fordyce 1991: 1218

Ischnacanthiformes
24 *Gomphonchus* sp.
Macadie 1985: 75
Brazier et al. 1990: 40
Macadie 1998: 18, fig. 2

Onychodontiformes
25 ONYCHODONTID
Macadie 1998: 18, 23

Otodontidae
26 *Otodus obliquus*
Davis 1888b: 15, pl. 7 fig. 16
Hector 1894: 116–117
Davis 1894: 100

Pachyrhizontidae
27 *Pachyrhizodus caninus*
Wiffen 1983: 109–119, figs 1–13
Brazier et al. 1990: 72, fig.
Fordyce 1991: 1218–1219

Paraclupeidae
28 *Diplomystus coverhamensis*
Marples 1949: 103
Fordyce 1991: 1218

Placodermi
29 *Ohioaspis*
Macadie 1998: 18, 19

Pristiophoridae
30 *Ikamauius ensifer*
Keyes 1979: 125–129, figs 1–17
Keyes 1982: 471, fig. 34
Pfeil 1984: 108–109, 113–114, pl. 1 figs 4, 5
Keyes 1987: 33, fig. 2
Brazier et al. 1990: 80, fig.
Fordyce 1991: 1216, fig. 10

31 *Pliotrema* sp.
Fordyce 1991: 1216

32 *Pristiophorus lanceolatus*
Chapman 1918: 2–3, 20–21, 29–32, pl. 3 figs 12a-d, pl. 9 fig. 8
Davis 1894: 102
Hector 1894: 117
Chapman 1917: p. 137, pl. 9
Chapman 1918: 20
Keyes 1982: 459–474, figs 1-34
Keyes 1987: 33, fig. 2
Brazier et al. 1990: 80, fig.
Fordyce 1991: 1216

33 *Pristiophorus ensifer*
Fordyce 1991: 1216

34 *Pristiophorus napierensis*
Chapman 1918: 2–3, 21–22, 29–32, pl. 9 figs 9a,b, 10, 11a,b, 12, 13

35 *Pristiophorus*
Pfeil 1984: 108–109, 113–114, pl. 1 fig. 6

Sclerorhynchidae
36 *Onchopristis dunklei dunklei*
Keyes 1977: 263–272, fig 23
Fordyce 1991: 1216, fig. 10

37 *Onchopristis dunklei praecursor*
Keyes 1977: 263–272, figs 1–23

Squatinidae
38 *Squatina*
Pfeil 1984: 113

Synechodontiformes
39 *Synechodus sulcatus*
Chapman 1918: 2–3, 5, 29–32, pl. 5 figs 11, 13

40 *Synechodus validus*
Chapman 1918: 2–3, 6, 29–32, pl. 5 fig 12, pl. 9 fig. 2

Fossil fishes listed in the following systematics section

Callorhynchus hectori, Ischyodus brevirostris, Ischyodus thurmanni, Heterodontus, Odontaspis acuta, Odontaspis attenuata, Odontaspis contortidens, Odontaspis elegans, Odontaspis ensiculata, Odontaspis exigua, Odontaspis incurva, Odontaspis kaikouraensis, Odontaspis sulcata, Eugomphodes acutissimus, Eugomphodes macrotus, Scapanorhynchus rhaphiodon, Scapanorhynchus subulatus, Carcharodon angustidens, Carcharodon auriculatus, Carcharodon megalodon, Carcharodon robustus, Isurus desori, Isurus hastalis, Isurus minutus, Isurus retroflexus, Lamna apiculate, Lamna appendiculata, Lamna attenuata, Lamna bronni, Lamna carinata, Lamna compressa, Lamna crassa, Lamna ensiculata, Lamna hectori, Lamna huttoni, Lamna incurva, Lamna marginalis, Lamna obliqua, Lamna plicata, Oxyrhina acuminata, Oxyrhina ensyii, Oxyrhina fastigata, Oxyrhina grandis, Oxyrhina lata, Oxyrhina recta, Oxyrhina subvexa, Oxyrhina von haastii, Procarcharodon megalodon, Megascyliorhinus cooperi, Carcharias (Prionodon) aculeatus, Galeocerdo aculeatus, Galeocerdo davisi, Notidanus dentatus, Notidanus marginalis, Notidanus primigenius, Notorynchus primigenius, Pseudoechinorhinus, Centroselachus, Trygon ensifer, Myliobatis altus, Myliobatis arcuatus, Myliobatis plicatilis, Hoplopteryx, Sargus laticonus, Eothyrsites holosquamatus.

In addition, a few modern species have been recorded as ‘fossil’, and this is recorded in their citations.

SUBPHYLUM CRANIATA
Superclass MYXINIMORPHI
Class MYXINI
Order MYXINIFORMES Hagfishes

Family Myxinidae Hagfishes
Species recognised in 2015:
Eptatretus cirrhatus (Forster, 1801) Common hagfish
Eptatretus cryptus Roberts & Stewart, 2015 Cryptic hagfish
Eptatretus goliath Mincarone & Stewart, 2006 Giant hagfish
Eptatretus poicilus Zintzen & Roberts, 2015 Mottled hagfish
Nemamyxine elongata Richardson, 1958 Bootlace hagfish
Neomyxine biniplicata (Richardson & Jowett, 1951) Slender hagfish
Neomyxine caesiovitta Stewart & Zintzen, 2015 Blueband hagfish

41 *Bdellostoma cirrhatum*
HAG
Gunther 1870: (8) 511–512
Hutton 1872: 87–88
Hutton 1873a: 241
Hector 1874a: 239
Hutton 1875a: 134
Gunther 1880a: 27, 82
Sherrin 1886: 307
Sandager 1888: 132
Hutton 1890: 285
Murray 1895: 599
Hamilton A 1896: 13
Steindachner 1901: 519
Whitley 1955: 118–119
Adam & Strahan 1962: 6

42 *Bdellostoma heptatrema*
Fowler 1928: 17

43 *Bdellostoma*
Gunther 1880b: 287
Kirk 1912: 241–242
Bridge 1932: 423

44 *Eptatretus cirrhatus*
BLIND EEL, HAG, HAGFISH
Waite 1907: 5
Waite 1909b: 131–169, pl. 13
Waite 1911b: 184
Thomson G 1913: 236
Thomson & Anderton 1921: 67
Archey 1927: 190–191
Phillipps 1927c: 10
Fowler 1928: 17
Young 1929: 139
Benham 1934: 31
Norman 1935: 3
Richardson L 1953c: 283
Whitley 1940a: 253–254, figs 292–293
Phillipps 1947: 46
Richardson L & Garrick 1953a: 26, fig. 6
Whitley 1955: 119
Graham D 1956: 51–58, fig.
Whitley 1956: 397
Fell 1960: 20
Parrott 1960: 22–25, fig. 1
Street 1964: 4, 18
Graham J 1965: 67
McLintock 1966: (3) 708
Heath & Moreland 1967: 30, fig. 47
Natusch 1967: 193, fig. 55
Whitley 1968a: 4
York 1970: 10
Hewitt & Hine 1972: 71
JFA 1972: *
Stead 1973: 8, 10
Castle 1974c: 615, fig.
JAMARC 1975: 14, *
Strahan 1975: 145–146
Crawley & Wilson 1976: 12
Wei et al. 1976: 57
JFA 1878: *
Francis M 1979: 64
Shuntov 1979: 71, *
Grange et al. 1981: 227
Wheeler 1981: 786
Ayling & Cox 1982: 39, fig.
Gunson 1983: 167, fig.
Mace & Johnston 1983: 207
Paul et al. 1983: 8
McMillan & Wisner 1984: 249
Forster et al. 1985: 54
Andrews 1986: 26–28, 58
Boyce et al. 1986: 77–78, fig.
Brittain & Wells 1986: 785–790, figs 1–8
Paul 1986: 23, fig.
Wells et al. 1986: 43–53, figs 1–3
Davie et al. 1987: 233–240, figs 1–3
Hine et al. 1987: 9
Hurst & Bagley 1987: 42
Forster 1988: 36
Francis M 1988c: 16–17, pl. 1
Forster et al. 1988: 247–250, fig. 1
Baldwin et al. 1989: 135–139
Fenaughty & Uozumi 1989: 35, 37
Forster 1989: 327–331
Forster et al. 1989: 607–612, figs 1–4
Hatanaka et al. 1989B: 30
Horn 1989: 11
Wells & Forster 1989: 483–487, figs 1–2
Forster 1990: 113–16, figs 1–3
Amaoka et al. 1990: 53, fig.
Baldwin et al. 1990b: 49
Davison et al. 1990: 585–589, fig. 1
Hurst et al. 1990: 49
Davison et al. 1990: 585–589
Forster 1990: 113–116
Forster 1991: 583–590, figs 1, 2
Forster et al. 1991: 1986–1987, 1989, 1991, figs 3, 5
Roberts C 1991: 16
Forster et al. 1992: 373–386, figs
Paul et al. 1993: 35, fig.
Forster & Fenwick 1994: 92
Sundin et al. 1994: 281–286, figs 1, 2
Davison 1995: 95–98
Nakai et al. 1995: *, figs
Francis M 1996a: 45, 49
Francis M 1996b: 16, pl. 1
Johnsson et al 1996: 401–405, figs 1–3
Forster 1997: 239–244
McClatchie et al. 1997: 666
Paul & Heath 1997a: 1, fig.
Goto et al 1998: 17–32
Horwood et al. 1998: 22, *
Jacob et al. 1998: 2126
Ryan & Paulin 1998: 131, 138 (pls)
Hine et al. 2000: 42
Paul 2000: 23, fig.
Simpson et al. 2000: 183–189, figs 1–3

45 *Eptatretus eos*
Fernholm 1991: 115–118, fig. 1

46 *Eptatretus forsteri*
BLIND EEL
Waite 1909a: 52

47 *Eptatretus* sp.
HAGFISH
Clark & King 1989: 50

48 *Heptatrema cirrata*
Gill 1893: 94–96, 110
Hutton 1904c: 55
Kirk 1912: 241–244, pls 16–7
Thomson G 1913: 236

49 *Heptatrema domberyii*
Taylor 1870: 627

50 *Heptatrema dombeyii*
Richardson & Gray 1843: 228
Richardson L 1953a: 30
Gill 1893: 96

51 *Heptatretus cirrhatus*
BLIND EEL, BORER, HAG, HAGFISH, SLIME EEL, SLIMY
Phillipps 1927b: 6
Graham D 1938: 399–400
Phillipps 1947: 50
Laird 1948: 441
Powell 1951: 60, fig. 287
Laird 1951: 286, 289–292, 306
Castle 1961: 16
Doogue & Moreland 1961: 297, one fig.
Japan, DSTA 1971: 66, *

52 *Heptatretus cirrhosus*
HAGFISH
Tong & Elder 1968: 63, 66

53 *Myxine biniplicata*
HAGFISH
Richardson & Jowett 1951: 1, 3–5, figs 1–3
Richardson L 1953b: 379–383, figs 1–2
Richardson L 1953c: 283–284
Richardson & Garrick 1953a: 26, fig. 5
Natusch 1967: 191–193, fig. 55
Hardy 1990: 5

54 *Myxine*
Gunther 1880b: 281
Adam & Strahan 1963: 4

55 *Nemamyxine elongata*
HAGFISH, SLENDER HAGFISH
Richardson L 1958: 283–287, figs 1–8
Adam & Strahan 1963: 4
Whitley 1968a: 5
Paulin et al. 1989: 9, 33, fig. 2.3
Hardy 1990: 5

56 *Neomyxine biniplicata*
HAGFISH
Richardson L 1953a: 380, figs 1–2
Whitley 1956b: 397
Richardson L 1958: 283
Whitley 1968a: 4
Francis M 1979: 64
Paulin et al. 1989: 9, 33, fig. 2.2

57 *Neomyxine biplinicata*
Adam & Strahan 1963: 4

58 BLIND EEL, HAGFISH
Benham 1936: 27
Dawbin 1948: 19
Paul 1966c: (1) 678

Superclass PETROMYZONTOMORPHI
Class PETROMYZONTIDA
Order PETROMYZONTIFORMES Lampreys

Family Geotriidae Lampreys
Species recognised in 2015:
Geotria australis Gray, 1851 Lamprey
Freshwater. See McDowall (1964, 1990, 2011).

Class PLACODERMI

Superclass GNATHOSTOMATA
Class CHONDRICHTHYES
Subclass HOLOCEPHALI
Order CHIMAERIFORMES Chimaeras

Family Callorhinchidae Elephantfishes
Species recognised in 2015:
Callorhinchus milii Bory de St Vincent, 1823 Elephantfish

59 *Callorhinchus callorhynchus*
ELEPHANT FISH
Beaglehole 1962: 453, Vol. 1, 7, Vol. 2

60 *Callorhinchus milii*
ELEPHANT FISH
Fowler 1941: 508–509
Abe & Arai 1968: 142
Inoue, Arai & Abe 1968: 137, fig.
Garrick 1971: 203
Allison & Coakley 1973: 381–392
Paul 1974e: 570
Garrick & Paul 1975c: 1608–1610, fig. 5

Sullivan 1977: 745–753, fig. 1–6
Ford & Gauldie 1979: 273–276
Francis M 1979: 65
Sullivan 1981: 4–5, 6, 9, 10, 11, 14, fig. 3, 4
Paul 1986: 38, figs
Hine et al. 1987: 15
Paulin et al. 1989: 30–31, 35, fig. 28.1
Hurst et al. 1990: 49
Roberts C 1991: 11
Paul 1992: 885
Dawson & Slooten 1993: 210
Bonfil 1994: 61
Didier et al. 1998: 73–89, figs
Didier 1995: *, figs
Bellamy & Hunter 1997: 229–234
Cox & Francis 1997: 47, 64
Francis M 1997a: 9–23, figs 1–9
Hickford et al. 1997: 252, 255, fig. 3
Leach 1997: * figs
Didier et al. 1998: 25–47, figs
Francis M 1998: 584–585, fig. 4
Horwood et al. 1998: 22, *
Jacob et al. 1998: 2126, 2138
Paulin 1998: 22, fig.
Paulin & Roberts 1998: 164, 165
Francis M & Shallard 1999: 515, 522, 526, fig. 3
Paul 2000: 38, 208, figs
Stevens et al. 2000: 479, 480

61 *Callorhinchus*
Bigelow & Schroeder 1953: 562
Beverley-Burton et al. 1993: 201

62 *Callorhincus milii*
Paul et al. 1993: 29, fig.
Paul & Heath 1997a: 9, fig.

63 *Callorhynchus antarcticus*
ELEPHANT-FISH, SILVERFISH
Richardson & Gray 1843: 226
Richardson J 1843a: 29
Taylor 1855: 413
Gunther 1870: Vol. 8, 351–352
Taylor 1870: 626
Hutton 1872: 74
Hutton 1875a: 132
Newton 1876: 329–30
Colenso 1879a: 298–299, 300, pl. 17
Gunther 1880b: 248
Parker 1883a: 479–480
Parker 1883e: 226
Parker 1883g: 46
Parker 1884d: 564
Sherrin 1886: 299
1888b: 42
Hutton 1890: 276
Parker 1892b: 401–403, 1 pl.
Hector 1901a: pl. 14
Hutton 1904c: 53
Thomson G 1906: 552
Johnson 1921: 473–475
Prior & Marples 1945: 348

64 *Callorhynchus antarticus*
Gill 1893: 111

65 *Callorhynchus australis*
Colenso 1879a: 298–300, pl. 17
Hamilton 1884: 128

66 *Callorhynchus callorhynchus*
Norman 1937: 36, figs 12–13
Richardson & Garrick 1953a: 27

67 *Callorhynchus callorynchus*
ELEPHANT FISH
Waite 1907: 9
Waite 1909a: 57
Waite 1909b: 131, 153–155, pl. 16

68 *Callorhynchus dasycaudatus*
Colenso 1879a: 298–299, pl. 17
Hutton 1890: 276
Gill 1893: 111

69 *Callorhynchus hectori* [Fossil]
Davis 1888b: 41–42, pl. 7 figs 14, 15
Davis 1894: 111
Hector 1894: 119
Chapman 1918: 2–3, 24, 29–32, pl. 7 figs 14, 15

70 *Callorhynchus milii*
ELEPHANT FISH, SILVER TRUMPETER
Garman 1911: 100–101
Waite 1912a: 317
Thomson & Anderton 1921: 69–71, 99, 107
Archey 1927: 193–194
Phillipps 1927b: 11
Phillipps 1927c: 11
Norman 1937: 36
Benham 1938: 57
Benham 1944: 19
Phillipps 1947: 49
Phillipps 1948: 128
Manter 1951: 1–2, 10–11
Powell 1951: 60, figs 288, 288a
Manter 1953: 49–51
Richardson L 1953c: 291
Richardson & Garrick 1953a: 26–27, fig. 8
Manter 1954: 480–482, 558
Graham D 1956: 30, 32–33, 45–47, 84–90, 209, 341, 3 figs
Kaberry 1957: 90
Gorman 1963: 1–52, figs 1–15
Stead 1964: 194–195, fig. 63
Cunningham 1966: (1) 680–683, 687
McLintock 1966: (3) 708
Powell 1966: (1)568, one fig.
Natusch 1967: 201, fig. 58
Garrick & Moreland 1968: 136

Manter 1955b: 211–220
Dillon 1968 & Hargis 1968: 360–361
Sorenson 1970: 7, 22–23, 44, 51, 53, fig. 15
Coakley 1971: 1–25
Watkinson & Smith 1972: 12, 26–28, 72, 86, fig.
Webb 1972b: 9, 11, 14, 16
Waugh 1973: 271
Ryan 1974: 133, 134
Allen 1975: 1–9
Gauldie & Smith 1978: 422
Fenaughty & O'Sullivan 1978: 41, 46, 146
Leach 1979: 117, 121, fig 8
Shuntov 1979: 70, *
Anderson A 1981a: 206, 214
Edgar et al. 1982: 24, pl. 10
Ayling & Cox 1982: 82–83, fig.
Gunson 1983: 168, figs
Last et al. 1983: 167–168, fig.
Paul, Roberts & James 1983: 11
van den Broek et al. 1984: *
Eldon & Kelly 1985: 23
Jones & Hadfield 1985: 477, 479–482, figs 3–5
Andrews 1986: 13–14, 16
Anderson A 1997: 21
Gauldie et al. 1987: 275–280, figs 1–8
Paulin 1987a: 29, fig.
Fenaughty C et al. 1988: 16, 23, 28, 33, 38, 42
Hine & Wain 1988a: 57–62, fig. 1
Hine & Wain 1988b: 63–73, fig. 10–16
Vlieg 1988: 15, 19, 26, 40, 48
Berks et al. 1989: 261–266, figs 1–6
Fenaughty & Uozumi 1989: 35, 37
Hardy C 1989: 31
Hatanaka et al. 1989A: 51
Massey 1989: 3, 8–9
Amaoka et al. 1990: 88, fig.
OECD 1990: 87
Paulin et al. 1996: 10, fig.
Gieseg et al. 1997: 199–208
Hine et al. 2000: 33

71 *Callorhynchus milli*
CHIMAERA, ELEPHANTFISH
Japan, DSTA 1971: 64, *
Japan, FSFRL 1972: 82, fig.
Wei et al. 1976: 56, fig.
Korea, FRDA 1978: 64, *
Shuntov et al. 1980: 35, 39–41, fig. 5
Montgomery 1982: 119
Dawson 1991: 284, 288

72 *Callorhynchus millii*
ELEPHANT, ELEPHANT FISH
Waite 1913a: 217–218
Thomson G 1918: 136
Phillipps 1921a: 123, 125
Hefford 1936: 71
Graham D 1938: 401
Graham D 1939b: 362, pl. 41
Benham 1940: 36
Shorland 1950: 37
McCann 1953: 1, 3, fig. 2
Cassie 1955: 70–1, 79
Doogue & Moreland 1961: 194, one fig.
Moreland 1963: 16, one fig.
Street 1963: 16, 18
Anon. 1965: 15, fig. 18
Heath & Moreland 1967: 12, fig. 6
Sorenson 1970: 7, 22–23, 44, 51, 53, fig. 15
Waugh 1970: 83
JAMARC 1972: 11, *
Vooren 1974: 13, 15, 18, 43
Ritchie et al. 1975: 2, *
Vlieg & Body 1988: 151–161

73 *Callorhynchus*
ELEPHANT FISH
Parker 1881b: 259
Parker 1886b: 635
Parker 1886d: 689, 691, 693–694, 698
Clarke 1897a: 249
Waite 1910c: 25
Waite 1911b: 173
Waite 1911c: 260
Thomson G 1926: 19
Bridge 1932: 474
Marples 1949: 103

74 *Callorynchus milii*
ELEPHANT FISH, ELEPHANT SHARK, SOUTHERN BEAUTY
McCulloch 1929: 32
Whitley 1939b: 267
Whitley 1940a: 46, 237, 239, fig. 32
Roughley 1951: 245
Whitley 1956b: 398
Whitley 1968a: 13
Hewitt & Hine 1972: 76
Coakley 1973: 1–22, figs A–F

75 *Callorynchus milli*
ELEPHANT FISH, RATFISH
Iwai et al. 1970: 4
Shuntov 1970: 373, 376
JAMARC 1975: 14, *

76 *Callorynchus millii*
ELEPHANT FISH
MacFarlane 1950: 1–16
Parrott 1960: 36–8, fig. 8
Graham J 1963: 167

77 *Callorhyncus millii*
ELEPHANT–FISH
Benham 1941: 34
Beaglehole 1967: 807
Sorensen 1968: 148, 150
Bedford 1983a: 25–80

78 *Chimaera callorhynchus*
Solander : MS 21

79 *Chimaera callorynchus*
ELEPHANT FISH
Beaglehole 1962: 453, vol. 1

80 *Ischyodus brevirostris* [Fossil]
Davis 1888b: 42, pl. 7 figs 10–13
Davis 1894: 111–112
Hector 1894: 119

81 *Ischyodus thurmanni* [Fossil]
Chapman 1918: 2–3, 24, 29–32, pl. 7 figs 10–13

82 ELEFANT (PEJEGALL)
Banks in Beaglehole 1962: 7, Vol. 2

83 ELEPHANT[-]FISH
Polack 1840: 202
Polack 1838: 323
Thomson G 1901: 574
Young 1926a: 100
Young 1935: 30–32
Wilson 1937: 31
Graham D 1939a: 423–425, 427–428, 430, 432, 435–436
Dickinson 1958: 1, 4, 6, 10–15,
Sorensen 1965b: 119
Paul 1966c: (1) 676–678
Boyce et al. 1986: 4, *
Clark I et al. 1988: 328
Northcote 1998: 49
Leach & Davidson 2000b: 414

84 POISSON COQ
Banks in Beaglehole 1962: 7, Vol. 2
Beaglehole 1962: 7, Vol. 2

Family Chimaeridae Shortnose chimaeras

Species recognised in 2015:
Chimaera carophila Kemper, Ebert, Naylor & Didier 2014 Brown chimaera
Chimaera lignaria Didier, 2002 Purple chimaera
Chimaera panthera Didier, 1998 Leopard chimaera
Hydrolagus cf. affinis (de Brito Capello, 1868) Giant black ghostshark
Hydrolagus bemisi Didier, 2002 Brown ghostshark
Hydrolagus homonycteris Didier, 2008 Little black ghostshark
Hydrolagus novaezelandiae (Fowler, 1911) Mottled ghostshark
Hydrolagus trolli Didier & Séret, 2002 Purple ghostshark

85 *Chimaera australis*
Waite 1907: 9
Garman 1911: 88

86 *Chimaera monstrosa*
Gunther 1880b: 281

87 *Chimaera monstrosa*, var. *australis*
Hector 1901a: 239–240, pl. 14
Hutton 1904c: 53
Fowler 1907: 421
Garman 1911: 88
Hardy 1990: 6

88 *Chimaera novae-zealandiae*
Fowler 1911: 603
Hefford 1936: 71
Fowler 1941: 489, 497–498
Richardson & Garrick 1953a: 27, fig. 9

89 *Chimaera novae-zelandiae*
GHOST SHARK
Waite 1912a: 317
Griffin 1923: 246–247, pl. 20
Archey 1927: 194
Phillipps 1927b: 11
Phillipps 1927c: 11
Powell 1951: 60, fig. 289
Parrott 1960: 34–35, 38, fig. 7
Stead 1963: 193–194
Natusch 1967: 202, fig. 58
Iwai et al. 1970: 4
Shuntov & Demidenko 1970: 98
Japan, DSTA 1971: 64, *
JAMARC 1972: 11, *
Summers et al. 1991: 7

90 *Chimaera panthera*
LEOPARD CHIMAERA
Didier 1998: 281–289, figs 1–4

91 *Chimaera phantasma*
GIANT GHOST SHARK
Ayling & Cox 1982: 83
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Paul 1986: 39
Hine et al. 1987: 15
Clark M 1988: 417
Hine & Wain 1988a: 57–62, fig. 1
Clark & King 1989: 50
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Amaoka et al. 1990: 90
McClatchie et al. 1997: 665

92 *Chimaera*
Garrick 1960a: 110

93 *Chimaera* sp.
Hatanaka et al. 1989B: 30
Cox & Francis 1997: 65, fig.

94 *Chimaera* sp.
BLACK CHIMAERA
Clark & King 1989: 50

95 *Chimaera* sp.
PURPLE CHIMAERA, PURPLE GHOST SHARK
Robertson et al. 1984: 24
Clark & King 1989: 50

96 *Chimaera* sp.
PURPLEFINNED CHIMAERA
Tracey et al. 1990: 33

97 *Chimaera* sp. A
Paulin et al. 1989: 31, 35, fig. 29.3a
Amaoka et al. 1990: 89, fig.
Roberts C 1991: 16

98 *Chimaera* sp. B
Paulin et al. 1989: 31, 35
Amaoka et al. 1990: 90, fig.

99 *Chimaera* sp. C
Paulin et al. 1989: 31, 35
Compagno 1999: 1536

100 *Hydrolagus lemures*
Shuntov 1971: 337, 342
Shuntov 1979: 72, *

101 *Hydrolagus novaezealandiae*
GHOST SHARK, RATFISH
Anon. 1965: 16, fig. 39
Sorenson 1970: 8, 26, 42, 56, fig. 37
Garrick & Paul 1975c: 1610
Hayashi & Takagi 1980b: 855–861
Hayashi & Takagi 1980c: 1043–1049
Didier 1995: *, figs
Francis M 1998: 586, fig. 5

102 *Hydrolagus novaezelandiae*
DARK GHOST SHARK, GHOST SHARK
Bigelow & Schroeder 1953: 538
Graham J 1963: 167
Garrick 1971: 203
JFA 1972: *
Japan, FSFRL 1972: 82, fig.
Waugh 1973: 258
JAMARC 1975: 14, *
JAMARC 1976: 21, *
Wei et al. 1976: 56, fig.
Taiwan FRI 1978: *
JFA 1978: *
Korea, FRDA 1978: 64, *
Fenaughty & O'Sullivan 1978: 146
Francis M 1979: 65
Kerstan & Sahrhage 1980: 134–136, fig. 189
JAMARC 1981a: 21, *
Ayling & Cox 1982: 83, pl. 3
van den Broek et al. 1984: *
Paul & Heath 1985: 25, pl. 5
Paul 1986: 39, figs
Hine et al. 1987: 16
Hurst & Bagley 1987: 42
Uozumi et al. 1987: 11, 19, fig. 26
Fenaughty C et al. 1988: 16, 20
Clark M 1988: 417
Hine & Wain 1988a: 57–62, fig. 1
Hine & Wain 1988b: 63–73
Clark & King 1989: 50
Fenaughty & Uozumi 1989: 13, 17, 35, 37, fig. 14
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Paulin et al. 1989: 31, 35
Amaoka et al. 1990: 91, fig.
Hurst et al. 1990: 17, 49–50
OECD 1990: 49, 111
Roberts C 1991: 3, 16
Paul et al. 1993: 33, fig.
Cox & Francis 1997: 42, 65, fig.
McClatchie et al. 1997: 666
Paul & Heath 1997b: 21, fig.
Jacob et al. 1998: 2119, 2126, 2136, 2139
Francis M & Shallard 1999: 515, 525, fig. 4
Paul 2000: 39, figs, 227

103 *Hydrolagus novezelandiae*
GHOST SHARK
JAMARC 1979: 18, *

104 *Hydrolagus ogilbyi*
Shuntov 1979: 72, *

105 *Hydrolagus*
Manter 1951: 6
Clark 1985b: 373
Paulin 1987a: 29, fig.

106 *Hydrolagus* sp.
GHOST SHARK
Hine & Wain 1988a: 57–62, fig. 1
Hine & Wain 1988b: 63–73, figs 5–9
Bonfil 1994: 61
Didier 1995: *, figs

107 *Hydrolagus* sp.
PALE GHOST SHARK
JAMARC 1984: 8, 16, 27, 80–111, fig. 25
Robertson et al. 1984: 11, 24
van den Broek et al. 1984: *
Paul 1986: 39, fig.
Hine et al. 1987: 16
Uozumi et al. 1987: 11, 19, fig. 27
Clark M 1988: 417
Fenaughty C et al. 1988: 16
Vlieg 1988: 17, 20, 31, 42, 49
Vlieg & Body 1988: 151–161

Clark & King 1989: 50
Fenaughty & Uozumi 1989: 7, 12, 16–17, 35, 37, figs 11, 27
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Amaoka et al. 1990: 92, fig.
OECD 1990: 49, 111
Tracey et al. 1990: 33
Paulin et al. 1996: 10, fig.
Cox & Francis 1997: 65, fig.
McClatchie et al. 1997: 666
Francis M 1998: 586, fig. 5
Jacob et al. 1998: 2126, 2136
Clark et al. 2000: 225
McClatchie et al. 2000: 185
Paul 2000: 39, fig.

108 *Hydrolagus* sp. A
Paulin et al. 1989: 31, 35
Roberts C 1991: 16

109 *Hydrolagus* sp. B
Paulin et al. 1989: 31, 35, fig. 29.4a

110 *Hydrolagus* sp. C
Paulin et al. 1989: 31, 35, fig. 29.4b

111 *Hydrolagus* sp.
BLACK GHOST SHARK
Amaoka et al. 1990: 93, fig.
Clark & King 1989: 50
Tracey et al. 1990: 33

112 *Phasmichthys novaezealandiae*
CHIMAERA, N.Z. GHOST SHARK
Whitley 1940a: 236, fig. 271

113 *Phasmichthys novaezelandiae*
CHIMAERA, GHOST SHARK
Whitley 1956b: 398
Whitley 1968a: 13

114 GHOST SHARK
Dickinson 1958: 15
Moreland 1961: 75
Paul 1966c: (1) 676
Hatanaka et al. 1989A: 6

115 PALE GHOSTSHARK
Gilbert et al. 2000: 460, fig. 5

Family Rhinochimaeridae Longnose chimaeras

Species recognised in 2015:
Harriotta haeckeli Karrer, 1972 Smallfin spookshark
Harriotta raleighana Goode & Bean, 1895 Longnose ghostshark
Rhinochimaera pacifica (Mitsukuri, 1895) Longnose chimaera

116 *Harriotta haeckeli*
SMALLSPINE SPOOKFISH
Cox & Francis 1997: 64, fig.

117 *Harriota raleighana*
LONGNOSED CHIMAERA
Iwai et al. 1970: 4
Fenaughty & O'Sullivan 1978: 146
McDowall 1979a: 208
Kerstan & Sahrhage 1980: 156
Roberts & Van Berkel 1982: 134

118 *Harriotta raleighana*
LONG[-]NOSED CHIMAERA , LONGNOSE SPOOKFISH, RATFISH, WIDE-NOSE CHIMAERA
Garrick 1971: 203–213, fig. 1
Japan, FSFRL 1972: 83, fig.
JFA 1972: *
Garrick & Inada 1975: 159–167, figs 1–3
Garrick & Paul 1975c: 1610, fig.
Golovan 1976: 17
JFA 1978: *
Shcherbachev et al. 1982: 28
Ayling & Cox 1982: 84, fig.
Robertson et al. 1984: 11, 24
van den Broek et al. 1984: *
Paul 1986: 39
Hine et al. 1987: 16
Kabata 1988: 551, 554
Clark M 1988: 417
Hine & Wain 1988a: 57–62, fig. 1
Hine & Wain 1988b: 63–73, fig. 3, 4
Clark & King 1989: 50
Fenaughty & Uozumi 1989: 35
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Paulin et al. 1989: 32, 35 fig. 30.2
Amaoka et al. 1990: 94, fig.
Tracey et al. 1990: 33
Roberts C 1991: 16
Didier 1995: *, figs
Cox & Francis 1997: 65, fig.
McClatchie et al. 1997: 666
Jacob et al. 1998: 2126, 2136, 2137, 2139
Paul 2000: 39

119 *Harriotta rellighana*
JAMARC 1975: 14, *

120 *Rhinochimaera pacifica*
LONGNOSED CHIMAERA, LONG-SNOUTED CHIMAERA, WIDE-NOSED CHIMAERA
Francis M 1979: 65

Inada & Garrick 1979: 235–243, figs 1–2
Kerstan & Sahrhage 1980: 156
Randall 1981: 199
Shcherbachev et al. 1982: 28
Robertson et al. 1984: 11, 24
Paul 1986: 39
Pavlov & Andrianov 1986: 154
Hine et al. 1987: 17
Hine & Wain 1988a: 57–62, fig. 1
Hine & Wain 1988b: 63–73, figs 1, 2
Clark & King 1989: 50
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Paulin et al. 1989: 32, 35, fig. 30.1
Amaoka et al. 1990: 95, fig.
Compagno et al. 1990: 219
Tracey et al. 1990: 19, 33
Didier 1995: *, figs
Cox & Francis 1997: 65, fig.
McClatchie et al. 1997: 667
Didier & Nakaya 1999: 139–152, figs 1–5, 7, 8
Clark et al. 2000: 225
Paul 2000: 39

121 PACIFIC SPOOKFISH
Gilbert et al. 2000: 460, fig. 5

Subclass ELASMOBRANCHII
Division NEOSELACHII
Subdivision SELACHII

Order HETERODONTIFORMES Horn sharks

Family Heterodontidae Horn sharks
Species recognised in 2015:
Heterodontus portusjacksoni (Meyer, 1793) Port Jackson shark

122 *Cestracion philippi*
PORT JACKSON SHARK
Gunther 1870: (8) 415–416
Hutton 1872: 80
Sherrin 1886: 115, 122, 298
Gill 1893: 110
Chapman 1918: 7

123 *Cestracion phillippi*
TUATINI
Taylor 1870: 626
Regan 1908b: 495–496
Garman 1913: 182–184

124 *Cestracion*
Gunther 1880b: 284, 281
Parker 1882: 260

125 *Heterodontus philippii*
Gill 1893: 110
Waite 1909a: 58–60

126 *Heterodontus portusjacksoni*
bull-head shark, Port Jackson shark
Fowler 1941: 16–18
Moreland 1956: 9
Garrick 1957b: 29
Whitley 1968a: 5
Garrick & Paul 1971c: 3
Garrick & Paul 1975a: 1476, 1481, fig.
Ayling & Cox 1982: 48, fig.
Last et al. 1983: 112–113, fig.
Compagno 1984: 160
Paulin et al. 1989: 17, 34, fig. 9.1
Cox & Francis 1997: 52, fig.
Compagno & Niem 1998b: 1240, fig.

127 *Heterodontus*
Pfeil 1984: 113 [Fossil]

128 *Heterodontus* sp.
Keyes 1987: 33, fig. 2

129 BULLHEAD SHARK, PORT JACKSON SHARK
Garrick 1956a: 14, 16, fig. 2

Order LAMNIFORMES Mackerel sharks

Family Odontaspididae Sandtiger sharks
Species recognised in 2015:
Odontaspis ferox (Risso, 1810) Sandtiger shark

130 *Carcharias taurus*
SAND SHARK
Taiwan, FRI 1978: *

131 *Carcharias* sp.
Waite 1910b: 371–372

132 *Odontaspis acuta* [Fossil]
Davis 1888b: 22–23, pl. 5 figs 1, 2
Davis 1894: 103
Hector 1894: 117

133 *Odontaspis attenuata* [Fossil]
Chapman 1918: 2–3, 10–11, 29–32, pl. 3 figs 11a–c

134 *Odontaspis contortidens* [Fossil]
Chapman 1918: 2–3, 11, 29–32, fig. 1a,b

135 *Odontaspis elegans* [Fossil]
Chapman 1918: 2–3, 11–12, 29–32, pl. 3 figs1–a–c

136 *Odontaspis ensiculata* [Fossil]
Chapman 1918: 2–3, 12, 29–32, pl. 3 figs 7, 7a–c

137 *Odontaspis exigua* [Fossil]
Davis 1888b: 23–24, pl. 5 figs 3–5
Davis 1894: 103
Hector 1894: 117
Chapman 1918: 2–3,12, 29–32, pl. 5 figs 33a,b, 4,5

138 *Odontaspis ferox*
SAND SHARK
Compagno 1984: 220
Clark & King 1989: 50
Paulin et al. 1989: 18, 34, fig. 10.1
Francis M 1991: 217
Cox & Francis 1997: 47, 52, fig.
Compagno & Niem 1998c: 1267, fig.
Paul 2000: 27

139 *Odontaspis herbsti*
SAND SHARK, RAGGED-TOOTH SHARK
Garrick 1974: 621–630, figs 1–4
Garrick & Paul 1975a: 1476, 1481
Ayling & Cox 1982: 49, fig.
Paul 1986: 27, fig.

140 *Odontaspis incurva* [Fossil]
Chapman 1918: 2–3, 13, 29–32, pl. 3 figs 3–5

141 *Odontaspis kaikouraensis* [Fossil]
Davis 1888b: 24–25, pl. 5 figs 6–10
Davis 1894: 103–104
Hector 1894: 117

142 *Odontaspis sulcata* [Fossil]
Davis 1888b: 25, pl. 5 figs 11–13
Davis 1894: 104
Hector 1894: 117

143 *Odontaspis* [Fossil]
Pfeil 1984: 108–109, 113–114

144 *Eugomphodes acutissimus* [Fossil]
Keyes 1987: 33, fig. 2

145 *Eugomphodes macrotus* [Fossil]
Keyes 1987: 33, fig. 2

Family Mitsukurinidae Goblin shark
Species recognised in 2015:
Mitsukurina owstoni Jordan, 1898 Goblin shark

146 *Mitsukurina owstoni*
GOBLIN SHARK
Davison & Van Berkel 1985: 148, 150
Stewart & Clark M 1988: 577, 578, fig. 2
Clark & King 1989: 50
Paulin et al. 1989: 18–19, 34, fig. 11.1
Cox & Francis 1997: 42, 52, fig.
Duffy 1997: 167–171

147 *Scapanorhynchus rhaphiodon* [Fossil]
Chapman 1918: 2–3, 10, 29–32, pl. 3 figs 2a–c, 16

148 *Scapanorhynchus subulatus* [Fossil]
Chapman 1918: 2–3, 8–9, 29–32, pl. 3 figs 13a–c, pl. 5 figs 6a,b, 7–10

Family Pseudocarchariidae Crocodile shark
Species recognised in 2015:
Pseudocarcharias kamoharai (Matsubara, 1936) Crocodile shark

No pre-2000 references found.

Family Alopiidae Thresher sharks
Species recognised in 2015:
Alopias superciliosus (Lowe, 1841) Bigeye thresher shark
Alopias vulpinus (Bonnaterre, 1788) Thresher shark

149 *Alopecias vulpes*
THRESHER
Hutton 1872: 78
Hutton 1873a: 132

Sherrin 1886: 115, 119–120, 298
Hutton 1890: 276
Phillipps 1930: 500–501

150 *Alopecias*
Gunther 1880b: 322
Parker 1882: 260

151 *Alopias caudatus*
FOX SHARK, SOUTHERN THRESHER SHARK, THRESHER SHARK
Phillipps 1932: 226–227, fig. 1
Whitley 1937c: 5
Whitley 1940a: 129
Fowler 1941: 127
Bigelow & Schroeder 1948: 162
Powell 1951: 61, fig. 293
Richardson & Garrick 1953a: 32
Graham D 1956: 75–78, 107, fig.
Whitley 1956b: 397
Parrott 1958b: 78, 96–97, fig., pls 6–8
Garrick & Schultz 1963: 22–23
Stead 1963: 64
Whitley 1968a: 7
Russell 1971b: 82
Webb 1972c: 82–86
Grace R 1973: 14

152 *Alopias pelagicus*
Ayling & Cox 1982: 54

153 *Alopias superciliosus*
BIGEYE THRESHER
Gruber & Compagno 1981: 633, figs
Ayling & Cox 1982: 54
Compagno 1984: 231
Cox & Francis 1997: 53, fig.
Paul & Heath 1997b: 8

154 *Alopias vulpes*
THRESHER
Gill 1893: 111
Hutton 1904c: 54
Thomson G 1906: 552

155 *Alopias vulpinus*
LONGTAILED THRESHER, THRASHER SHARK, THRESHER, THRESHER SHARK
Waite 1907: 6
Thomson & Anderton 1921: 68
Phillipps 1924b: 265–269, fig. 9
Phillipps 1927b: 8
Phillipps 1927c: 10
Fowler 1930: 488
Phillipps 1932: 226
Hefford 1936: 71
Graham D 1938: 401
Fowler 1941: 125–127
Bigelow & Schroeder 1948: 173
Phillipps 1946: 10
Richardson & Garrick 1953a: 32, fig. 26
Parrott 1958b: 96
Doogue & Moreland 1961: 182, fig.
Moreland 1961: 79–80, fig.
Phillipps 1932: 226
Graham J 1963: 167
Moreland 1963: 12, fig.
McLintock 1966: (3) 709
Powell 1966: (3) 228, fig.
Hewitt 1969c: 15–16
Cunningham 1972: 12
Hewitt & Hine 1972: 71
Watkinson & Smith 1972: 79
Waugh 1973: 258
Garrick & Paul 1975a: 1477–1478, 1481, fig.
Francis M 1979: 64
Ayling & Cox 1982: 54, pl. 1
Wilkins & Sale 1982: 196, 208
Gunson 1983: 171, fig.
Kelly 1983: 76–82, 121
Paul et al. 1983: 8
Compagno 1984: 232
King & Clark 1984: 36
Paul & Heath 1985: 19, pl. 2
Pilgrim 1985: 20
Paul 1986: 27, fig.
Mulligan & Gauldie 1989: 866, 868, fig. 4a
Paulin et al. 1989: 19, 34, fig. 12.1
Saul & Holdsworth 1992: 13
Paul et al. 1993: 23, fig.
Cox & Francis 1997: 53, 54, figs
Paul & Heath 1997b: 8, fig.
Francis M & Shallard 1999: 515
Hine et al. 2000: 29
Paul 2000: 27, fig.

156 *Alopias*
THRESHER SHARK
Natusch 1967: 198, fig. 56

157 THRESHER SHARK
Archey 1927: 193
Graham D 1939a: 425
Anon n.d. 1947?b: 22–23, 28
Garrick 1956a: 15, fig. 6
Sorensen 1965c: 128
Paul 1966c: (1) 677
Doak 1975a: 1742

Family Cetorhinidae Basking shark

Species recognised in 2015:
Cetorhinus maximus (Gunnerus, 1765) Basking shark

158 *Cetorhinus maximus*
BASKING SHARK
Gill 1893: 111
Hutton 1904c: 54
Waite 1907: 6
Phillipps 1924b: 266, fig. 10
Phillipps 1927b: 8
Phillipps 1927c: 10
Fowler 1930: 489
Phillipps 1930: 499
Hefford 1936: 71
Norman 1937: 7
Phillipps 1947: 49
Bigelow & Schroeder 1948: 154
Richardson & Garrick 1953a: 32, fig. 25
Garrick & Schultz 1963: 18, fig. 7
McLintock 1966: (3) 709
Powell 1966: (3) 227, fig.
Hewitt 1967: 205, 214–215
Hewitt 1969c: 7, 13
Hewitt & Hine 1972: 72
Garrick & Paul 1975a: 1476–1478, 1481, figs
Francis M 1979: 64
Ayling & Cox 1982: 53, 3 pl.
Gunson 1983: 171, fig.
Paul et al. 1983: 9
Compagno 1984: 235
Paul & Heath 1985: 17, pl. 1
Pilgrim 1985: 21, 23, 37
Paul 1986: 27, fig.
Fenaughty & Uozumi 1989: 35, 37
Hardy C 1989: 31
Mulligan & Gauldie 1989: 860, 868–869, fig. 2m, n
Paulin et al. 1989: 19–20, 34, fig. 13.1
Paul et al. 1993: 17, fig.
Cox & Francis 1997: 53, 59, fig.
Paul & Heath 1997b: 9, fig.
Paulin & Roberts 1998: 165
Francis M & Shallard 1999: 515
Hine et al. 2000: 52
Paul 2000: 27, fig.

159 *Cetorhinus*
BASKING SHARK
Natusch 1967: 198, fig. 56

160 *Halsydrus maccoyi*
BASKING SHARK
Whitley 1940a: 132
Powell 1951: 62, fig. 298

161 *Halsydrus maximus*
BASKING SHARK
Fowler 1941: 113–115
Phillipps 1946: 9–10
Parrott 1958b: 107–108, fig.
Webb 1972b: 7, 16
Scott E 1976: 158

162 *Halsydrus maximus maccoyi*
BASKING SHARK
Graham D 1956: 77–78
Whitley 1956b: 397
Whitley 1968a: 8
Ryan 1974: 133
Eldon & Kelly 1985: 23

163 *Halsydrus mccoyi*
Whitley 1967: 180

164 *Halsydrus*
BASKING SHARK
Whitley 1934: 197
Richardson & Garrick 1953a: 23

165 *Selache maxima*
BASKING SHARK
Cheeseman 1891: 126–127

166 *Selachus maximus*
BASKING SHARK, SAIL FISH
Sherrin 1886: 115, 120–121, 298

167 BASKING SHARK
Garrick 1956a: 13, 16–18
Keene 1963: 31
Whitley 1967: 182–183, fig. 2

Family Cetorhinidae Mackerel sharks

Species recognised in 2015:
Carcharodon carcharias (Linnaeus, 1758) Great white shark
Isurus oxyrinchus Rafinesque, 1810 Shortfin mako
Lamna nasus (Bonnaterre, 1788) Porbeagle

168 *Carcharhinus carcharias*
WHITE POINTER, WHITE SHARK
Whitley 1934: 199

169 *Carcharodon albimors*
GREAT WHITE SHARK, WHITE DEATH, WHITE POINTER, WHITE SHARK
Whitley 1940a: 127
Powell 1951: 60, fig. 292
Graham D 1956: 29, 77
Whitley 1956b: 398
Whitley 1968a: 8

170 *Carcharodon angustidens* [Fossil]
Davis 1886: 4–5
Hutton 1887: 405
Davis 1888a: 315
Davis 1888b: 9–11, pl. 1 figs 4–6, pl. 6 fig. 22
Davis 1894: 98
Hector 1894: 116

171 *Carcharodon auriculatus* [Fossil]
Chapman 1918: 2–3, 18–19, 29–32, pl. 1 figs 4a-c, 5, 6, 7a-c
Nevill 1955: 492, pl.
Keyes 1972: 238–240
Keyes 1987: 33, fig. 2
Fordyce 1991: 1216

172 *Carcharodon carcharias*
GREAT WHITE SHARK, MAN-EATER, WHITE POINTER, WHITE SHARK
Gill 1893: 110
Hutton 1904c: 54
Waite 1907: 6
Thomson G 1913: 235
Thomson & Anderton 1921: 68
Phillipps 1924b: 269, fig. 14
Archey 1927: 192–193
Phillipps 1927b: 9
Phillipps 1927c: 10
Fowler 1930: 488
Phillipps 1930: 499
Hefford, 1936: 71
Fowler 1941: 110–112
Phillipps 1946: 9
Shorland 1950: 37
Richardson & Garrick 1953a: 32, fig. 24
Parrott 1958b: 78, 100, 102–104, fig.
Robinson 1959a: 144, 147, 150, 153
Doogue & Moreland 1961: 185, one fig.
Moreland 1961: 74–75
Garrick & Schultz 1963: 13–14, fig. 2
Graham J 1963: 167
Moreland 1963: 10, fig.
Hamley 1965: 123–124
McLintock 1966: (3) 709
Powell 1966: (3) 228, fig.
Heath & Moreland 1967: 12, fig. 9
Hewitt 1967: 195, 203–205, 214–215
Hewitt 1968c: 23
Hewitt 1969c: 1
Keyes 1971: 4–7, fig. 3
Hewitt & Hine 1972: 71
Keyes 1972: 239–240
Watkinson & Smith 1972: 79
Keyes 1974: 1443–1444, fig. [4]B
Garrick & Paul 1975a: 1476, 1478, 1481, fig.
Francis M 1979: 64
Hewitt 1979: 171
Ayling & Cox 1982: 52–53, 1 pl.
Wilkins & Sale 1982: 12, 18, 152–199, fig.
Gunson 1983: 171–172, fig.
Compagno 1984: 239
Pilgrim 1985: 20–21, 23, 37
Paul 1986: 25, fig.
Hardy et al. 1987: 244
Paulin et al. 1989: 20, 34, fig. 14.1
Fordyce 1991: 1216
Roberts C 1991: 16
Paul et al. 1993: 19, fig.
Francis M 1996c: 157–172, figs 1–7
Cox & Francis 1997: 53, 62, figs
Paul & Heath 1997b: 10, fig.
Paulin & Roberts 1998: 165
Hine et al. 2000: 52
Paul 2000: 25, fig.

173 *Carcharodon megalodon* [Fossil]
Davis 1888b: 12–13, pl. 2 figs 1–3
Davis 1894: 98–99
Hector 1894: 116
Chapman 1918: 2–3, 19–20, 29–32, pl. 2 figs 1a-c, 2a-c, 3
Keyes 1972: 228–242, figs 1–12
Brazier et al. 1990: 11, 82, fig. 4
Fordyce 1991: 1215–1216, fig. 10

174 *Carcharodon robustus* [Fossil]
Davis 1888b: 13–14, pl. 1 fig 7
Davis 1894: 99
Hector 1894: 116

175 *Carcharodon rondeletii*
WHITE SHARK
Hutton 1872: 78
Parker 1887b: 27, pls 4–8
Hutton 1890: 276
Thomson G 1890: 361, 375
Cheeseman 1891: 126
Chapman 1918: 2–3, 20, 29–32, pl. 6 fig. 22, pl. 8 figs 1, 2
Bridge 1932: 451

176 *Carcharodon rondeletti*
WHITE SHARK
Sherrin 1886: 115, 119, 298

177 *Charcharodon rondeletii*
Parker 1887b: 27, pls 4–8

178 *Carcharodon*
WHITE SHARK
Parker 1882: 260
Hamilton 1883: 465
Hutton 1887: 401
Bigelow & Schroeder 1948: 134
Natusch 1967: 198, fig. 56
Pfeil 1984: 114 [Fossil]

179 *Isuropsis mako*
BLUE POINTER, MAKO, MAKO SHARK, SNAPPER SHARK
Whitley 1931b: 141

Whitley 1940a: 122–124, fig. 131
Phillipps 1946: 8, fig. 2
Phillipps 1947: 45
Powell 1951: 60, fig. 290
Roughley 1951: 247–248
Whitley 1956b: 397

180 *Isurogsis oxyrinchus*
BLUE POINTER, MAKO
Whitley 1968a: 8

181 *Isuras*
MAKO SHARK
Natusch 1967: 198, fig. 56

182 *Isurus cornubicus*
Gill 1893: 111
Hutton 1904c: 54

183 *Isurus desori* [Fossil]
Chapman 1918: 2–3, 16–17, 29–32, pl. 5, figs 15a-c, 16a-c

184 *Isurus hastalis* [Fossil]
Chapman 1918: 2–3, 17, 29–32, pl. 5 figs 21a-c, pl. 6 fig. 5
Pfeil 1984: 108–109, 112–113

185 *Isurus glaucus*
BLUE POINTER, MAKO, MAKO SHARK
Phillipps 1924b: 268–269, fig. 13
Phillipps 1926b: 530–531, pl. 87
Archey 1927: 192
Phillipps 1927b: 8
Phillipps 1927c: 10
Whitley 1929: 101
Fowler 1930: 488
Phillipps 1930: 479
Phillipps 1932: 227
Hefford 1936: 71
Fowler 1941: 104–106
Bigelow & Schroeder 1948: 123, 128–129
Shorland 1950: 36
Richardson & Garrick 1953a: 23, 32, fig. 22
Garrick 1957b: 29–30
Robinson 1959a: 144, 147, 153
Robinson 1959b: 381, 388
Stead 1963: 34, 37, fig. 16
Beurois 1975: 55

186 *Isurus mako*
MAKO SHARK
Whitley 1929a: 101
Phillipps 1932: 227
Whitley 1934: 194
Phillipps 1935a: 240
Fowler 1941: 106
Bigelow & Schroeder 1948: 123
Richardson & Garrick 1953a: 32
Parrott 1958b: 100–104, fig. pls 3–5, frontispiece pl.
Garrick 1967: 673
Webb 1972f: 82–86
Scott E 1978: 294

187 *Isurus minutus* [Fossil]
Chapman 1918: 2–3, 17–18, 29–32, pl. 6 figs 1a-c, 2, 3

188 *Isurus nasus*
Fowler 1930: 488

189 *Isurus oxyrhinchus*
BLUE POINTER, MAKO SHARK, SHARP-NOSED MACKEREL SHARK
Doogue & Moreland 1961: 184–185, fig.
Moreland 1961: 60, 73–76, fig.
Moreland 1963: 8, fig.
Heath & Moreland 1967: 10, fig. 5
Powell 1966: (3) 227–228, fig.
Sorenson 1970: 42
Watkinson & Smith 1972: 77–79
Wilkins & Sale 1982: 10–215, figs
Wells et al. 1986: 565–571

190 *Isurus oxyrinchus*
BLUE POINTER, BONITO SHARK, MAKO, MAKO SHARK, SHARP-NOSED MACKEREL SHARK
Garrick 1957b: 30
Garrick & Schultz 1963: 17
Anon 1965: 16, fig. 40
McLintock 1966: (3) 709
Garrick 1967: 675–677, fig. 6
Hewitt 1967: 189
Cressey 1968: 1
Hewitt 1968c: 23, 28
Hewitt 1969c: 1, 3
Russell 1971b: 82
Cunningham 1972: 12
Hewitt & Hine 1972: 73
Grace R 1973: 14
Waugh 1973: 258
Keyes 1974: 1443, fig. [4]D
Garrick & Paul 1975a: 1476, 1478, 1481, fig.
Scott E 1978: 294, 306
Francis M 1979: 64
Habib, Clement & Fisher 1980c: 26
Thompson 1981: 17, 27–28 (figs), 300, 311
Ayling & Cox 1982: 51, 1 pl. 1
Crossland 1982a: 4, 12
Roberts & Van Berkel 1982: 134, 137
Gunson 1983: 171, fig.
Kelly 1983: 76–82, 121
Compagno 1984: 243
Pilgrim 1985: 20–21, 23–24, 37
Wells & Davie 1985: 643–646, figs 1–2
Paul 1986: 25, fig.
Hine et al. 1987: 10
Fenaughty C et al. 1988: 7, 16, 20, 22, 28, 33, 38
Clark & King 1989: 50
Mulligan & Gauldie 1989: 859, fig. 2g
Paulin et al. 1989: 21, 34, fig. 14.3
Roberts C 1991: 16

Paul 1992: 884
Saul & Holdsworth 1992: 5, 11, 23, figs 9, 10
Paul et al. 1993: 21, fig.
Cox & Francis 1997: 53, 59, figs
Paul & Heath 1997b: 11, fig.
Paulin & Roberts 1998: 165
Sin et al. 1992: 470
Francis M & Shallard 1999: 515
Hine et al. 2000: 52
Paul 2000: 25, fig.
Visser et al. 2000: 229–231, figs 1, 2

191 *Isurus retroflexus* [Fossil]
Chapman 1918: 2–3, 18, 29–32, pl. 4 figs 1, 2a-c

192 *Isurus tigris*
MAKO
Smith J 1957: 92–96

193 *Lamna apiculata* [Fossil]
Chapman 1918: 2–3, 13, 29–32, pl. 5 figs 17a-c, 18–20

194 *Lamna appendiculata* [Fossil]
Chapman 1918: 2–3, 14, 29–32, fig. 2

195 *Lamna attenuata* [Fossil]
Davis 1888b: 19–20, pl. 3 fig. 11
Davis 1894: 101–102
Hector 1894: 117

196 *Lamna bronni* [Fossil]
Chapman 1918: 2–3, 14–15, 29–32, pl. 5 figs 1a,b, 2a-c, pl. 8 fig. 3

197 *Lamna carinata* [Fossil]
Davis 1888b: 21, pl. 3 fig. 13
Davis 1894: 102
Hector 1894: 117

198 *Lamna compressa* [Fossil]
Chapman 1918: 2–3, 15, 29–32, pl. 3, figs 8a-c, 9, pl. 9 figs 6a,b, 7

199 *Lamna cornubica*
MAKO SHARK, PORBEAGLE SHARK
Cross 1855: 81
Haast 1875a: 237–238
Gunther 1880b: 320
Sherrin 1886: 115, 118–119, 298
Kirk 1888: 31, pl. 6
Hutton 1890: 276
Thomson G 1890: 366, 375
Colenso 1892: 448

200 *Lamna crassa* [Fossil]
Chapman 1918: 2–3, 16, 29–32, pl. 3 figs 10a-c, pl. 7 fig. 16

201 *Lamna ensiculata* [Fossil]
Davis 1888b: 18, pl. 3 figs 6, 7
Davis 1894: 101
Hector 1894: 117

202 *Lamna glauca*
MAKO SHARK, TIGER SHARK
Hutton 1872: 77
Haast 1875a: 237
Hutton 1875a: 132
Sherrin 1886: 115, 117–119, 298
Colenso 1892: 448
Waite 1909b: 140
Matthews 1911: 603

203 *Lamna hectori* [Fossil]
Davis 1888b: 21–22, pl. 3 fig 16
Davis 1894: 102
Hector 1894: 117

204 *Lamna huttoni* [Fossil]
Davis 1888b: 15–16, pl. 3 figs 1a-c
Davis 1894: 100
Hector 1894: 117

205 *Lamna incurva* [Fossil]
Davis 1888b: 17–18, pl. 3 figs 2–5
Davis 1894: 101
Hector 1894: 117

206 *Lamna marginalis* [Fossil]
Davis 1888b: 19, pl. 3 figs 8–10
Davis 1894: 101
Hector 1894: 117

207 *Lamna nasus*
MACKEREL SHARK, MAKO, MOKI SHARK, PORBEAGLE SHARK, PORPOISE SHARK
Waite 1907: 6
Hamilton A 1908: 29–30
Thomson G 1913: 235
Thomson & Anderton 1921: 68
Phillipps 1924b: 267–68, figs 11–12
Archey 1927: 192
Phillipps 1927b: 8
Phillipps 1927c: 10
Best 1929: 49
McCulloch 1929: 14
Phillipps 1930: 499
Phillipps 1935a: 239
Graham D 1938: 401
Graham D 1939b: 361
Fowler 1941: 107–109
Bigelow & Schroeder 1948: 111, 118
Richardson & Garrick 1953a: 32
Parrott 1958b: 104
Doogue & Moreland 1961: 183–184, fig.
Moreland 1961: 75–76, fig.
Garrick & Schultz 1963: 14, fig. 3
Graham J 1963: 167

Moreland 1963: 10, fig.
Heath & Moreland 1967: 10, fig. 4
Hewitt 1967: 214, 223
Hewitt 1968c: 23, 28
Hewitt & Hine 1972: 73
Watkinson & Smith 1972: 79
Garrick & Paul 1975a: 1476, 1481
JFA 1978: *
Francis M 1979: 64
Ayling & Cox 1982: 50, fig.
Wilkins & Sale 1982: 199
Castro 1983: 94, fig.
Stevens, Dunning & Machida 1983: 301–307, figs 1–2
Compagno 1984: 249
King & Clark 1984: 36
Pilgrim 1985: 20, 22, 37
Paul 1986: 25, fig.
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Paulin et al. 1989: 21, 34, fig. 14.2
Amaoka et al. 1990: 57, fig.
Paul et al. 1993: 21, fig.
Cox & Francis 1997: 53, fig.
Paul & Heath 1997b: 12, fig.
Francis M & Shallard 1999: 515
Francis M & Stevens 2000: 41–63, figs 1–11
Hine et al. 2000: 53
Paul 2000: 25, fig.

208 *Lamna obliqua* [Fossil]
Keyes 1987: 33, fig. 2

209 *Lamna plicata* [Fossil]
Davis 1886: 4–5

210 *Lamna whitleyi*
BEAUMARIS SHARK, MACKEREL SHARK, MAKO SHARK, PORBEAGLE, PORBEAGLE SHARK
Phillipps 1935a: 239–241, fig. 3
Whitley 1939a: 240
Whitley 1940a: 117, 124–125, fig. 133
Fowler 1941: 108–109
Phillipps 1946: 7–9
Bigelow & Schroeder 1948: 111
Richardson & Garrick 1953a: 32, fig. 23
Graham D 1956: 30, 64, 77–80, 107, 238, fig.
Whitley 1956b: 397
Parrott 1958b: 100, 103–104, fig.
Garrick & Schultz 1963: 14
Whitley 1967: 174
Whitley 1968a: 8
Castro 1983: 94
Stevens et al. 1983: 304–305

211 *Lamna*
PORBEAGLE SHARK, PORPOISE-BEAGLE, TIGER SHARK
Mantell 1850: 329, fig.
Hamilton 1883: 465
Hutton 1887: 401
Natusch 1967: 198, fig. 56
Jones J 1990b: 9

212 *Lamna* sp.
Feldman 1984: 383
Fordyce 1991: fig.10

213 *Oxyrhina acuminata* [Fossil]
Davis 1888b: 29–30, pl. 5 fig. 21
Davis 1894: 105–106
Hector 1894: 118

214 *Oxyrhina ensyii* [Fossil]
Davis 1888b: 28–29, pl. 5 figs 17–20
Davis 1894: 105
Hector 1894: 118

215 *Oxyrhina fastigata* [Fossil]
Davis 1888b: 30–31, pl. 6, figs 1–3
Davis 1894: 106
Hector 1894: 118

216 *Oxyrhina gomphodon*
MAKO OR PORBEAGLE
Cross 1855: 81

217 *Oxyrhina grandis* [Fossil]
Davis 1888b: 30, pl. 5 figs 15, 16
Davis 1894: 106
Hector 1894: 118

218 *Oxyrhina lata* [Fossil]
Davis 1888b: 32, pl. 6 fig. 5
Davis 1894: 107
Hector 1894: 118

219 *Oxyrhina recta* [Fossil]
Davis 1888b: 27–28, pl. 5 fig. 14
Davis 1894: 105
Hector 1894: 118

220 *Oxyrhina subvexa* [Fossil]
Davis 1888b: 31–32, pl. 6 fig. 4
Davis 1894: 106–107
Hector 1894: 118

221 *Oxyrhina von haastii* [Fossil]
Davis 1888b: 26–27, pl. 4, figs 1–3
Davis 1894: 104–105
Hector 1894: 117–118

222 *Procarcharodon megalodon* [Fossil]
Pfeil 1984: 108–109, 113–114

223 MAKO SHARK
Gold-Smith 1885: 419
Sladden & Falla 1928: 290
Anon n.d. (1947?)b: 22–23, 28
Garrick 1956a: 15, fig. 8

Kaberry 1957: 88
Keene 1963: 30–31
Moreland 1965: 126
Sorensen 1965c: 128
Cunningham 1966: (1) 679
Paul 1966c: (1) 677
Doak 1975a: 1742

224 PORBEAGLE SHARK
Parker 1884e: 565
Graham D 1939a: 424, 428

225 WHITE POINTER SHARK
Garrick 1956a: 13, 18

Order CARCHARHINIFORMES Ground sharks

Family Scyliorhinidae Catsharks

Species recognised in 2015:
Apristurus albisoma Nakaya & Séret, 1999 Grey roundfin catshark
Apristurus ampliceps Sasahara, Sato & Nakaya, 2008 Roundfin catshark
Apristurus exsanguis Sato, Nakaya & Stewart, 1999 New Zealand catshark
Apristurus garricki Sato, Stewart & Nakaya, 2013 Garrick's catshark
Apristurus melanoasper Iglésias, Nakaya & Stehmann, 2004 Fleshynose catshark
Apristurus pinguis Deng, Xiong & Zhan, 1983 Bulldog catshark
Bythaelurus dawsoni (Springer, 1971) Dawson's catshark
Cephaloscyllium isabellum (Bonnaterre, 1788) Carpetshark
Cephaloscyllium cf. variegatum Last & White, 2008 Banded carpetshark
Parmaturus macmillani Hardy, 1985 McMillan's catshark
Parmaturus sp. Roughback catshark

226 *Apristurus exsanguis*
Sato et al. 1999: 325–335, figs 1–11

227 *Apristurus* cf. *herklotsi*
Nakaya 1991: 998, fig. 1

228 *Apristurus macrorhynchus*
DEEPWATER CATSHARK
Iwai et al. 1970: *
Japan, FSFRL 1972: 79, fig 2
Garrick & Paul 1975a: 1477, 1481
JAMARC 1975: 14, *
JFA 1978: *
Taiwan, FRI 1978: 1
Ayling & Cox 1982: 56, fig.
Sato et al. 1999: 325

229 *Apristurus*
CATSHARKS
Paul 1986: 28, fig.
Clark & King 1989: 50
Fenaughty & Uozumi 1989: 35, 37
Tracey et al. 1990: 33

230 *Apristurus* sp.
DEEPWATER CATSHARK
Robertson et al. 1984: 24
Davison & Van Berkel 1985: 148
Hine & Wain 1987d: 572–573, figs 7–8
Hine et al. 1987: 10
Clark M 1988: 417
Hatanaka et al. 1989B: 30
Mulligan & Gauldie 1989: 859, fig. 2i
Paulin et al. 1989: 22, 34, fig. 15
Amaoka et al. 1990: 58–59, fig.
Tracey et al. 1990: 33
Roberts C 1991: 5, 16
Cox & Francis 1997: 56, fig.
McClatchie et al. 1997: 665
Jacob et al. 1998: 2126
Paul 2000: 28, fig.
Wetherbee 2000: 191, 192, 194, 195, 197, figs 3, 4
Wetherbee & Nichols 2000: *, figs

231 *Cephaloscillium isabella*
Shuntov 1979: 71, *

232 *Cephaloscyllium isabella*
CARPET SHARK, CATSHARK, DOGFISH, DRAUGHTSBOARD SHARK, GROUND SHARK, SWELL SHARK
Waite 1912c: 316
Thomson G 1913: 235
Archey 1927: 192
McCulloch 1929: 9
Whitley 1932b: 324
Whitley 1940a: 91–92, fig. 84
Phillipps 1947: 48
Powell 1951: 62, fig. 299
Whitley 1955: 119
Graham D 1956: 30, 66–70, 88, 90, figs
Whitley 1956b: 397
Parrott 1958b: 105–106, figs
Manter 1960: 197
Beaglehole 1962: 8, Vol. 2
Bell & Satchell 1963: 222, (fig. 1), 32
Graham J 1963: 167
Scott E 1963: 3
Dillon & Hargis 1965a: 245
Whitley 1968a: 6

York 1970: 10
Russell 1971b: 82
Hewitt & Hine 1972: 72
Webb 1972b: 6, 7, 11, 16
Garrick & Paul 1975a: 1477–1478, 1481, fig.
Taiwan FRI 1978: *
Francis M 1979: 64
Springer 1979: 37, 39–41
Montgomery 1981: 185–191, fig. 2
Montgomery 1982: 118–128, figs 1–4
Ayling & Cox 1982: 55, 2 pl.
Gunson 1983: 171, fig.
Kelly 1983: 121
Montgomery 1983: 297–303
Housley & Montgomery 1983: 154–162, figs 1–4
Montgomery & Housley 1983: 163–168, figs 1–3
Housley & Montgomery 1984: 643–655
King & Clark 1984: 36
Montgomery 1984b: 296, fig. 3
Montgomery & Paulin 1984: 101–107, figs 1–5
Tetens & Wells 1984: 165–168, figs 1–3
van den Broek et al. 1984: *
Montgomery & Cotton 1985: 41–47, figs 1–2
Paul & Heath 1985: 19, pl. 2
Paul 1986: 28, figs
Paulin & Montgomery 1986a: 1–4, figs 1–3
Paulin & Montgomery 1986b: 723–728, figs 1–3
Probert 1986: 411
Satchell 1986: 102
Hine & Wain 1987d: 569
Hine et al. 1987: 10
Hurst & Bagley 1987: 42
Satchell & Weber 1987: 692–698, figs 1–5
Boord & Montgomery 1989: 323–336, figs 1–7
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Paul et al. 1993: 23, fig.
McClatchie et al. 1997: 665
Paul & Heath 1997a: 4, fig.
Hine et al. 2000: 31
Paul 2000: 28, fig.

233 *Cephaloscyllium isabellum*
CARPET SHARK, DRAUGHTSBOARD SHARK, SWELL SHARK
Garman 1913: 79–80
Fowler 1930: 484
Phillipps 1930: 479
Fowler 1941: 31–32
Phillipps 1946: 7
Richardson L 1948: 39
Richardson & Garrick 1953a: 31, fig. 21
Doogue & Moreland 1961: 188, fig.
Alexander 1963: 123, 139, 140
Stead 1963: 22
McLintock 1966: (3) 709
Powell 1966: (3) 227, fig.
Natusch 1967: 198, fig. 56
Tong & Elder 1968: 63, 66
Iwai et al. 1970: 1
Japan, DSTA 1971: 66, *
JFA 1972: *
Japan, FSFRL 1972: 79, fig.
JAMARC 1975: 14, *
Wei et al. 1976: 58, fig.
Korea, FRDA 1979: 64, *
Compagno 1984: 299
Hardy 1986c: 24
Clark M 1988: 417
Francis M 1988c: 17, pl. 2
Clark & King 1989: 50
Hatanaka et al. 1989B: 30
Mulligan & Gauldie 1989: 859, fig. 2h
Paulin et al. 1989: 21, 34, fig. 15.1
Amaoka et al. 1990: 60, fig.
Hurst et al. 1990: 49
Roberts C 1991: 3, 16
Yano 1993a: 67
Francis M 1996b: 16, pl. 2
Cox & Francis 1997: 46, 56, figs
Hickford et al. 1997: 252, 257
Roberts C & Paulin 1997: 208
Jacob et al. 1998: 2126, 2135, 2137, 2138
Paulin & Roberts 1998: 165
Ryan & Paulin 1998: 131, 135 (pl)
Francis M & Shallard 1999: 515

234 *Cephaloscyllium laticeps*
CARPET SHARK, DOGFISH. SPINOUS DOG-FISH
Gill 1893: 110
Hutton 1904c: 54
Thomson G 1906: 548, 552
Waite 1907: 7
Waite 1909a: 52
Waite 1909b: 131, 136–138, pls 14, 21
Thomson & Anderton 1921: 68
Young 1929: 139

235 *Cephaloscyllium perlo*
JFA 1977: 127

236 *Cephaloscyllium sabella*
CARPET SHARK, GROUND SHARK
Waite 1910a: 384
Phillipps 1924b: 264–265, fig. 8
Phillipps 1927b: 8
Phillipps 1927c: 10
Hefford 1936: 71
Graham D 1938: 400
Shorland 1950: 36

237 *Cephaloscyllium*
CARPET SHARK
Bigelow & Schroeder 1948: 201
Pfeil 1984: 114 [Fossil]
Andrews 1986: 16, 57

238 *Halaelurus dawsoni*
DAWSON'S CATSHARK
Springer 1971: 235–241, fig. 1
Garrick & Paul 1975a: 1477, 1481, fig.

JFA 1978: *
Francis M 1979: 64
Springer 1979: 69, 75–77, fig. 42
Ayling & Cox 1982: 55, fig.
Compagno 1984: 324–325, figs
van den Broek et al. 1984: *
Paul 1986: 28, fig.
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Paulin et al. 1989: 22, 34, fig. 15.3
Amaoka et al. 1990: 61, fig.
Hardy 1990: 6
Hurst et al. 1990: 49
Cox & Francis 1997: 56, fig.
McClatchie et al. 1997: 666
Jacob et al. 1998: 2126
Paul 2000: 28, fig.

239 *Halaelurus ?immaculatus*
SPOTLESS CAT SHARK
Paulin et al. 1989: 22, 34, fig. 15.4

240 *Megascyliorhinus cooperi* [Fossil]
Keyes 1984: 203–206, figs 1–7
Fordyce 1991: 1216

241 *Megascyliorhinus* [Fossil]
Pfeil 1984: 108, 112–114, pl. 1 fig. 7

242 *Parmaturus macmillani*
MCMILLAN'S CAT SHARK
Hardy 1985: 119–124, figs 1–6
Paulin et al. 1989: 22, 34, fig. 15.2
Hardy 1990: 6
Cox & Francis 1997: 56, fig.

243 *Parmaturus* sp.
CATSHARK
Clark M 1988: 417
Clark & King 1989: 50

244 *Scyliorhinus laticeps*
Regan 1908a: 458
Regan 1914c: 13

245 *Scyliorhinus*
Waite 1909b: 138

246 *Scyllium chilense*
Steindachner 1901: 519
Waite 1907: 35
Phillipps 1927c: 10
Whitley 1955: 118–119

247 *Scyllium laticeps*
DOGFISH, GROUND SHARK, MANGO-REREMAI
Hector 1872: 120
Hutton 1872: 79–80
Hutton 1875a: 132
Hutton 1876: 216
Sherrin 1886: 115, 121–122, 298
Hutton 1890: 276
Waite 1909b: 137

248 *Scyllium lima*
Richardson & Gray 1843: 226
Richardson J 1843a: 29

249 *Scyllium, Scyllia*
Gunther 1880b: 284
Sherrin 1886: 125
Sandager 1888: 132

250 *Squalus isabella*
Bloch & Schneider 1801: 127

251 *Squalus lima*
Taylor 1855: 412
Parkinson: i.t. 53
Beaglehole 1962: 8, Vol. 2
Whitehead 1968: pl. 1

252 CARPET SHARK
Benham 1936: 27
Graham D 1939a: 425, 430, 433
Garrick 1956a: 15–16
Dickinson 1958: 15

253 CAT SHARK
Waite 1911c: 261
Garrick 1956a: 13, 15–16

254 GRANNY SHARK
Dickinson 1958: 15

Family Pseudotriakidae False catsharks

Species recognised in 2015:
Gollum attenuatus (Garrick, 1954) slender smoothhound
Pseudotriakis microdon Capello, 1868 False catshark

255 *Gollum attenuatus*
SLENDER SMOOTH[-]HOUND
Compagno 1973: 265–270, fig. 4
Francis M 1979: 64
Ayling & Cox 1982: 57, fig.
Compagno 1984: 375–376, figs
Paul 1986: 30, fig.
Hine & Wain 1987d: 569
Hine et al. 1987: 10
Clark M 1988: 417
Clark & King 1989: 50

Hatanaka et al. 1989A: 51
Paulin et al. 1989: 22–23, 34, fig. 16.1
Amaoka et al. 1990: 62, fig.
Hurst et al. 1990: 49
Yano 1993a: 59–71, figs 1–10
Yano 1993b: 345–356, figs 1–8
Cox & Francis 1997: 56, fig.
McClatchie et al. 1997: 666
Compagno & Niem 1998d: 1295, fig.
Jacob et al. 1998: 2126

256 *Pseudotriakis microdon*
FALSE CAT SHARK
Stewart & Clark M 1988: 577–578, fig. 1
Clark & King 1989: 50
Paulin et al. 1989: 23, 34, fig. 17.1

Family Triakidae Smoothhounds

Species recognised in 2015:
Galeorhinus galeus (Linnaeus, 1758) School shark
Mustelus lenticulatus Phillipps, 1932 Rig
Mustelus sp. Kermadec smooth-hound

258 *Cynias lenticularis*
WHITE-SPOTTED GUMMY
Whitley 1945: 12

259 *Cynias lenticulatus*
SMOOTH HOUND, WHITE SPOTTED GUMMY
Whitley 1940a: 120, 141, fig. 126

260 *Emisola antarctica*
DOGFISH
Cunningham 1951: 76

261 *Emissola antarctica*
DOGFISH, GUMMY, GUMMY SHARK, SMOOTH HOUND DOGFISH, SMOOTH HOUND SHARK, SPOTTED ESTUARY DOGFISH
Whitley 1940a: 117, 119
Powell 1951: 61, figs 294
Graham D 1956: 45–46, 64–65, 67, 71–74, 79–80, 107, 225, 230, 289, 302, 341–342, fig.
Whitley 1956b: 397
Beaglehole 1962: 453, Vol. 1
Whitley 1967: 173–74
Whitley 1968a: 7

262 *Emissola*
GUMMY SHARK
Whitley 1968a: 3

263 *Galaeorhinus australis*
SAND SHARK, SCHOOL SHARK, TOPE
Robinson 1959a: 147, 150
Anon. 1965: 16
Heath & Moreland 1967: 12, fig. 10
Korea, FRDA 1978: 64, *
Hine & Wain 1987d: 569
Cox & Francis 1997: 56, fig.
Compagno 1998b: 1296, fig.

257 *Triakis attenuata*
SHOVEL-NOSED SMOOTH-HOUND, SLENDER SHARK, SLENDER SMOOTH HOUND
Garrick 1954c: 695–702, figs 1–2
Garrick 1955: 234
Whitley 1956b: 397
Garrick 1957b: 29
Parrott 1958b: 95
Kato 1968: 319
Whitley 1956b: 397
JFA 1972: *
JAMARC 1975: 14, *
Garrick & Paul 1975a: 1477, 1481–1482, fig
Hardy 1990: 6

264 *Galaeorhinus galeus*
Mulligan & Gauldie 1989: 861, 866–869, fig. 3j, m(J,M)

265 *Galeorhinus australia*
SCHOOL SHARK
Shorland 1949b: 61

266 *Galeorhinus australis*
GREY SHARK, OIL SHARK, SAND SHARK, SCHOOL SHARK, SNAPPER SHARK, SOUPFIN SHARK, SOUTHERN TOPE, TOPE
Gill 1893: 111
Hutton 1904c: 54
Phillipps 1924b: 259–260, fig.2
Archey 1927: 192
Phillipps 1927b: 7
Phillipps 1927c: 10
Young 1929: 140
Fowler 1930: 490
Phillipps 1930: 479
Hefford 1936: 71
Graham D 1938: 400
Fowler 1941: 189–190
Richardson et al. 1944: 47–51, fig. 1
Phillipps 1946: 12
Oliver & Shorland 1948: 18–23
Shorland 1948b: 113, 115, 118
Lonie 1950: 682
Hartman 1950a: 409–411
Shorland 1950: 30, 36, 40
Morice & Shorland 1952: 1267
Richardson & Garrick 1953a: 34, fig. 31
Olsen 1954: 354, 356
Morice & Shorland 1955: 455
Morice & Shorland 1956: 461–464

Parrott 1958b: 92, fig.
Garrick 1959c: 275
Alexander 1963: 119, 139
Bell & Satchell 1963: 222 (fig. 1), 27 (fig. 4), 31–33
Garrick & Schultz 1963: 27–28
Gorman 1963: 24, 28
Graham J 1963: 167
Moreland 1963: 8, fig.
Stead 1963: 103, fig. 28
McLintock 1966: (3) 709
Powell 1966: (3) 228, fig.
Tunbridge 1966a: 1–3, 5, 8, 10–11, figs 2–3
Hewitt 1967: 195, 203, 239, 249
Dillon & Hargis 1968: 357
Tong & Elder 1968: 63, 66
Iwai et al. 1970: 2
York 1970: 1–37, fig. 3–11
Sorenson 1970: 8, 42–43, 56
JFA 1972: *
Hewitt & Hine 1972: 72–73
Watkinson & Smith 1972: 24, 38–40, 75
Webb 1972b: 3, 14, 17
Vooren & Tong 1973: 14
Waugh 1973: 258
Garrick & Paul 1975a: 1479–1482
Walker 1976: 603
Wei et al. 1976: 56, fig.
Fenaughty & O'Sullivan 1978: 146
JFA 1978: *
Kilner & Akroyd 1978: 58, 59
Francis M 1979: 64
JAMARC 1979: 18, *
Leach 1979: 117, 121
Shuntov 1979: 70, *
Kawahara 1980: *
Flain 1981: 23
Van der Broek et al. 1981: 145
Ayling & Cox 1982: 57, 2 pl.
Roberts & Van Berkel 1982: 134
Gunson 1983: 171, fig.
Johnston 1983: 5–7
Last et al. 1983: 129, fig.
Paul et al. 1983: 8
JAMARC 1984: 8, 16, 26, 80–111, fig. 23
King & Clark 1984: 36
Olsen 1984: 4–5, 16, 37
van den Broek et al. 1984: *
Bradstock 1985: 137, fig.
Pilgrim 1985: 20–24, 37
Vlieg 1985c: 245–249
Hardy 1986c: 24
Paul 1986: 29, figs
Smith 1986b: 202–207
Hine et al. 1987: 11
Hurst & Bagley 1987: 12–15, 34–36, 39, 41–42, 44, fig. 11
Paulin 1987a: 28, fig.
Roberts C 1987a: 158
Uozumi et al. 1987: 11, 19
Vlieg 1988: 17, 21, 34, 43, 49
Vlieg & Body 1988: 151–161
Murray 1990a: 744
Dawson 1991: 284, 288
Summers et al. 1991: 5
Anderson A 1997: 13
Jacob et al. 1998: 2119, 2126, 2135
Hine et al. 2000: 31
Paul 2000: 29, 207, figs

267 *Galeorhinus galeus*
SCHOOL SHARK, GREY SHARK, TOPE SHARK
Stead 1963: 103
Hewitt 1968c: 23
Compagno 1984: 387
Hardy et al. 1987: 244
Fenaughty C et al. 1988: 16, 20, 23, 28, 33, 42
Clark & King 1989: 50
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Horn 1989: 11
Massey 1989: 8–9
Paulin et al. 1989: 24, 34, fig. 18.1
Amaoka et al. 1990: 63, fig.
Hurst et al. 1990: 7, 15, 17, 28, 35–36, 38, 40–41, 48–50, figs 12, 18
OECD 1990: 237
Roberts C 1991: 16
Paul 1992: 885
Saul & Holdsworth 1992: 11
Sin et al. 1992: 469, 470, 472
Dawson & Slooten 1993: 210
Harris T 1993: 70
Paul et al. 1993: 19, fig.
Bonfil 1994: 61
Paulin et al. 1996: 40, fig.
Cox & Francis 1997: 50, 56, figs
Hickford et al. 1997: 253
McClatchie et al. 1997: 666
Paul & Heath 1997a: 6, fig.
Leach et al. 1997b: 103, 105, 112
Compagno & Niem 1998e: 1302, fig.
Francis M 1998: 582–584, fig. 4
Francis M & Mulligan 1998: 427–440, figs 1–10
Horwood et al. 1998: 23, *
Jacob et al. 1998: 2125, 2126, 2138
Paulin 1998: 63, fig.
Paulin & Roberts 1998: 165
Francis M & Shallard 1999: 515, 520–522, 526, figs 2, 3
Hurst et al. 1999: 29–48, figs 1–14
Walker 1999: 733–734
Stevens et al. 2000: 479
Visser 2000: 242–243, figs 1, 2

268 *Galeorhinus*
TOPE SHARK
Bigelow & Schroeder 1948: 264
Natusch 1967: 198
Pfeil 1984: 113–114 [Fossil]

269 *Galeus antareticus*
SMOOTH HOUND
Gill 1893: 111
Hutton 1904c: 54
Thomson G 1906: 548, 552
Thomson G 1913: 235

270 *Galeus australis*
TOPE
Hutton 1890: 275
Waite 1907: 7
Waite 1909b: 131, 139–140, pl. 15
Thomson G 1913: 235
Regan 1914c: 14
Thomson & Anderton 1921: 68

271 *Galeus canis*
TOPE
Hector 1872: 120
Hutton 1872: 81
Hector 1875a: 239
Hutton 1875a: 132
Gunther 1880b: 284, 281
Sherrin 1886: 115–116, 298
Sandager 1888: 132

272 *Galeus*
Waite 1914: 127

273 *Gallus*
Travers 1869: 447

274 *Muastelus antarcticus*
DOGFISH
Benham 1938: 57
Shorland 1950: 37

275 *Mustellus antarcticus*
Shuntov et al. 1980: 35–36

276 *Mustellus lenticularis*
Meglitsch 1960: 334–335

277 *Mustelus antacticus*
SPOTTED GUMMY SHARK
JAMARC 1979: 18, *

278 *Mustelus antarcticus*
ANTARCTIC SHARK, DOGFISH, GUMMY, GUMMY SHARK, KOINGA, LEMON FISH, N.Z. DOG-FISH, PIOKE, SMOOTH HOUND, RIG, SPOTTED DOGFISH, SPOTTED GUMMY SHARK, SPOTTED SMOOTH HOUND
Gunther 1870: 387, vol. 8
Hector 1872: 120 (pl. 12)
Hutton 1872: 76–77
Hector 1875a: 239
Hutton 1875a: 132
Gunther 1880b: 284
Parker 1883d: 219–222
Parker 1883e: 226–227, 231, pl. 30
Hector 1884b: 55
Hector 1886a: 28
Parker 1886a: 76
Parker 1886d: 685–732, pl. 34–37
Sherrin 1886: 91, 115, 298
Parker 1887a: 437–438
Sandager 1888: 131
Hutton 1890: 275, pl. 19
Parker & Liversidge 1890: 331–333, pl. 19
Thomson G 1890: 373, 375
Waite 1907: 7
Benham 1909a: 82
Waite 1909b: 131, 140–141, pl. 14
Thomson G 1913: 235
Leiper & Atkinson 1915: 20
Waite 1916b: 453
Thomson & Anderton 1921: 68, 98–99, 101, 104, 106–108, 115
Phillipps & Hodgkinson 1922: 97
Thomson & Thomson 1923: 111
Phillipps 1924b: 263–264, fig. 7
Archey 1927: 192–193
Griffin 1927: 145
Phillipps 1927b: 8
Phillipps 1927c: 10
Best 1929: 49
Fowler 1930: 489
Phillipps 1932: 226
Whitley 1934: 199
Benham 1935: 21
Hefford 1936: 71, 74
Whitley 1937b: 154
Graham D 1938: 400
Graham D 1939a: 426
Graham D 1939b: 361
Whitley 1940a: 120
Fowler 1941: 203–204
Phillipps 1946: 12
Phillipps 1947: 45
Shorland 1948b: 118
Richardson L 1949a: 4
Richardson & Garrick 1953a: 34
Manter 1954: 559
Parrott 1958b: 93–95, fig.
McKenzie 1960: 45, 49
Satchell 1960: 719–731
Yaldwyn 1960: 30
Doogue & Moreland 1961: 181, fig.
Graham J 1963: 167
Moreland 1963: 14, fig.
Street 1964: 16, 18
Anon. 1965: 17, fig. 42
Heath & Moreland 1967: 10, fig. 2
Hewitt 1967: 183–184
Abe & Arai 1968: 141
Dillon & Hargis 1968: 359
Tong & Elder 1968: 63, 66
Iwai et al. 1970: 2
Sorenson 1970: 8, 23, 32–33, 41, 44, 47, 56, fig. 40
York 1970: 1–37

Japan DSTA 1971: 64, *
Hewitt & Hine 1972: 73–74
JAMARC 1972: 11, *
Japan, FSFRL 1972: 79, fig.
JFA 1972: *
Watkinson & Smith 1972: 38–40, 75
Webb 1972b: 3, 16
Waugh 1973: 258
Webb 1973f: 308
Garrick & Paul 1975a: 1477, 1481–1482, fig.
JAMARC 1975: 14, *
Ritchie et al. 1975: 2, *
JAMARC 1976: 21, *
Wei et al. 1976: 56, fig.
JFA 1977: 127, 129
Korea, FRDA 1978: 64, *
Fenaughty & O'Sullivan 1978: 146
Shuntov 1979: 70, *
Willan et al. 1979: 683
Kawahara 1980: *
Boldyrev et al. 1981: 91
Eldon & Kelly 1985: 23
Pilgrim 1985: 36
Satchell & Weber 1987: 692
Hardy C 1989: 31

279 *Mustelus lenticularis*
N.Z. GUMMY
Whitley 1934: 199

280 *Mustelus lenticulatus*
DOGFISH, GUMMY SHARK, PIOKE, RIG, SMOOTH HOUND, SPOTTED DOGFISH, SPOTTED ESTUARY DOGFISH, SPOTTED GUMMY, SPOTTED GUMMY SHARK, SPOTTED SMOOTH HOUND, WHITE SPOTTED GUMMY
Phillipps 1932: 226
Fowler 1941: 202–203
Phillipps 1946: 13
Phillipps 1949c: 11–12, fig.
McCann 1953: 1–3, fig. 1
Richardson & Garrick 1953a: 34, fig. 32
Garrick 1954a: 695
Parrott 1958b: 93, 95, fig.
Robinson 1959a: 144
Robinson 1959b: 381, 384
Alexander 1963: 118, 133–135, 139–140
McLintock 1966: (3) 708–709
Wear & Yaldwyn 1966: 5
Ryan 1974: 133, 134
Francis M 1979: 64
Francis M & Mace 1980: 303–311
Francis M 1981d: 190
Montgomery 1981: 185–191, fig. 1
Ayling & Cox 1982: 56, 2 pl. 16
Gunson 1983: 171, fig.
Paul et al. 1983: 7–8
Compagno 1984: 413–414, figs
King K 1984: 21–27, figs 1–7
King & Clark 1984: 29–42, figs 1–5
van den Broek et al. 1984: *
Bradstock 1985: 136–37
Jones & Hadfield 1985: 477, 480, 482–483, figs 3, 4, 6
Pilgrim 1985: 22–23, 37
Vlieg 1985c: 245–249
Andrews 1986: 13–14, 26
Paul 1986: 30, figs
Probert 1986: 410, 412
Smith 1986b: 202–207
Francis M et al. 1987: 8, 12
Hardy et al. 1987: 244
Hine et al. 1987: 10
Hine & Wain 1987d: 568–572, figs 1–7
Hurst & Bagley 1987: 34
Paulin 1987a: 28, fig.
Tracey & van den Broek 1987: 126, 128–30, 134
Clark M 1988: 417
Fenaughty C et al. 1988: 17, 20, 23, 28, 33, 38, 42
Francis M 1988b: 259–272, figs 1–9
Francis M & Smith 1988: 1–30, figs 1–19
MacDonald 1988: 643, 646–647
Vlieg 1988: 17, 21, 33, 43, 49
Walker 1988: 45–46
Clark & King 1989: 50
Fenaughty & Uozumi 1989: 35, 37
Francis M 1989: 239–245, figs 1, 2
Hatanaka et al. 1989A: 51
Massey 1989: 1–19, figs 1–10
Massey & Francis 1989: 113–120, figs 1–5
Mulligan & Gauldie 1989: 859, fig. 2j
Paulin et al. 1989: 24, 34, fig. 18.2
Amaoka et al. 1990: 64, fig.
Hurst et al. 1990: 17, 37, 49–50, fig. 22
OECD 1990: 121, 219
Breen 1990: 586
Murray 1990a: 744
Dawson 1991: 284, 288
Roberts C 1991: 16
Francis M & Francis 1992: 1157–1176, figs 1–10
Paul 1992: 885
Dawson & Slooten 1993: 210
Harris T 1993: 71
Paul et al. 1993: 29, fig.
Bonfil 1994: 61
Hickford & Schiel 1995: 221, figs 5, 7
Paulin et al. 1996: 43, fig.
Anderson A 1997: 13
Cox & Francis 1997: 18–19, 50, 56, figs
Hickford et al. 1997: 251, 253, 255, 257, fig. 3
McClatchie et al. 1997: 666
Paul & Heath 1997a: 5, fig.
Francis M 1998: 585, fig. 4
Jacob et al. 1998: 2125, 2126, 2135, 2138
Paulin 1998: 57, fig.
Paulin & Roberts 1998: 165
Francis M & Shallard 1999: 515, 523, 526, fig. 3
Francis M & Ó Maolagáin 2000: 35–42, figs 1–9
Hine et al. 2000: 32, 83
Paul 2000: 30, 206–207, figs
Stevens et al. 2000: 479, 480

281 *Mustelus manazo*
Norman 1935: 3
Whitley 1940a: 120

282 *Mustilus denticulatus*
RIG
Vlieg & Body 1988: 151–161

283 *Mustelus*
SMOOTH-HOUND
Bigelow & Schroeder 1948: 241
Hurley 1961: 268
Natusch 1967: 198, fig. 56
Pfeil 1984: 113–114 [Fossil]

284 *Notogaleus australis*
SCHOOL SHARK, TOPE
Whitley 1937b: 156
Whitley 1940a: 117
Powell 1951: 61–62, fig. 297

285 *Notogaleus rhinophanes*
SCHOOL SHARK, SOUTHERN TOPE, TOPE
Graham D 1956: 30, 63–66, 79, 107, 199, fig.
Whitley 1956b: 397
Whitley 1968a: 6

286 *Squalis canis*
DOGFISH
Forster 1777: 181, Vol. 1

287 *Squalis mustelus*
SMOOTH HOUND
Forster 1777: 181, Vol. 1

288 *Squalus mustelus*
Whitley 1940a: 119
Whitley 1968a: 3

289 DOGFISH, DOGSHARK
Polack 1838: 323
Polack 1840: 202
Arthur 1883a: 207
Sherrin 1886: 23–24, 94, 118–119
Thomson G 1892: 203–204, 215
Hamilton A 1908: 71
Matthews 1911: 598, 602–603
Waite 1911c: 261–263
Thomson G 1918: 136
Young 1925a: 320
Thomson G 1930: 30
Fairchild 1933: 153
Benham 1935: 21
Young 1935: 30–32
Benham 1936: 26–27
Graham D 1939a: 423
Whitley 1940a: 59, 137
Phillipps 1947: 43, 45, 50
Richardson L 1949a: 10
Graham D 1956: 29–30, 47
Parrott 1958b: 61
Moreland 1959: 29
Moreland 1961: 72
Keene 1963: 32
Moreland 1965: 125
Paul 1966b: 37
Anderson A 1997: 21

290 PIOKE, RIG
Colenso 1892: 446
Kaberry 1957: 90
Dickinson 1958: 4, 6, 10–15
Paul 1983: 48, 49
Struik 1983: 215
Boyce et al. 1986: 4, *
Clark I et al. 1988: 328

291 SAND SHARK
Graham D 1956: 29

292 SCHOOL SHARK
Shorland 1948a: 79–80
Shorland 1949a: 6
Dickinson 1958: 15
Keene 1963: 32
Paul 1983: 48
Boyce et al. 1986: 4, *
Clark I et al. 1988: 328
OECD 1990: 101

293 SEA SHARK
Sherrin 1886: 118

294 SMOOTH DOGFISH
Garrick 1956a: 13, 15, 18

295 SMOOTH[-]HOUND
Thomson G 1892: 203, 215
Waite 1911c: 261–262
Graham D 1939a: 424–425, 427, 429, 432–436

296 SPOTTED DOG, SPOTTED DOGFISH
Waite 1911c: 261
Banks in Beaglehole 1962: 8, Vol. 2

297 TOPE
Graham D 1939a: 424

Family Carcharhinidae Requiem sharks

Species recognised in 2015:
Carcharhinus brachyurus (Günther, 1870) Bronze whaler
Carcharhinus galapagensis (Snodgrass & Heller, 1905) Galapagos shark
Carcharhinus longimanus (Poey, 1861) Oceanic whitetip shark

Carcharhinus obscurus (Lesueur, 1818) Dusky shark
Carcharhinus plumbeus (Nardo, 1827) Sandbar shark
Galeocerdo cuvier (Péron & Lesueur, 1822) Tiger shark
Prionace glauca (Linnaeus, 1758) Blue shark

298 *Carcharias brachyurus*
BLUE SHARK, N.Z. WHALER
Gunther 1870: 369, Vol. 8
Hutton 1872: 75
Hutton 1873b: 271
Sherrin 1886: 115–116, 298
Hutton 1890: 275
Waite 1907: 7
Hamilton A 1908: 30
Whitley 1939a: 231

299 *Carcharias lamia*
Hutton 1904c: 53
Waite 1907: 7

300 *Carcharias (Prionodon) aculeatus* [Fossil]
Chapman 1918: 2–3, 8, 29–32, pl. 1 figs 1a-c, 2ab, 3

301 *Carcharias (Prionodon) maoo*
Grey & Richardson 1843: 227
Gill 1893: 92

302 *Carcharias (Prionodon) melanopterus*
BLUE SHARK
Richardson & Gray 1843: 227
Richardson J 1843a: 29

303 *Carcharias*
Hamilton 1884: 127
Bigelow & Schroeder 1948: 99
Richardson & Garrick 1953a: 34

304 *Carcharhinus ahenea*
BRONZE WHALER SHARK
Ayling & Cox 1982: 60

305 *Carcharhinus amblyrhynchos*
GREY REEF SHARK
Francis M 1993b: 142
Francis M 1996a: 49
Cox & Francis 1997: 57, fig.

306 *Carcharhinus brachyurus*
BRONZE WHALER, GRAY SHARK, N.Z. WHALER
Bigelow & Schroeder 1948: 360–361
Richardson & Garrick 1953a: 34, fig. 27
Garrick & Schultz 1963: 33, 41
McLintock 1966: (3) 709
Grace R 1971: 135
Russell 1971b: 82
Grace R 1973: 14
Grace A 1974: 22
Garrick & Paul 1975a: 1476–1482, figs
Scott E 1977: 112
Ayling & Cox 1982: 60–61, 2 pl.
Garrick 1982: 171–8, fig. 78–81
Wilkins & Sale 1982: 129, 166, 176, 189, 195, 196, 210
Gunson 1983: 171, fig.
Kelly 1983: 121
Russell 1983: 122, 139
King & Clark 1984: 36
Paul 1986: 26, fig.
Francis M 1988c: 17, pl. 3
Mulligan & Gauldie 1989: 860, fig. 2k
Paulin et al. 1989: 25, 34, fig. 19.3
Hardy 1990: 6
OECD 1990: 37
Saul & Holdsworth 1992: 13
Harris T 1993: 71
Francis M 1996a: 49
Francis M 1996b: 17, pl. 3
Paulin et al. 1996: 40, 43
Cox & Francis 1997: 57, 58, figs
Compagno & Niem 1998f: 1331, fig.
Paulin & Roberts 1998: 165
Francis M & Shallard 1999: 515
Paul 2000: 26, fig., 205

307 *Carcharinus falciformis*
SILKY SHARK
Paulin et al. 1989: 25, 34, fig. 19.4
Cox & Francis 1997: 57, fig.

308 *Carcharinus galapagensis*
GALAPAGOS SHARK
Schiel et al. 1986: 530
Paulin et al. 1989: 25, 34, fig. 19.5
Francis M 1996a: 49
Cox & Francis 1997: 57, fig.

309 *Carcharhinus lamia*
Whitley 1940a: 102

310 *Carcharhinus leucas*
Richardson & Garrick 1953a: 34, fig. 28[?]

311 *Carcharhinus mackiei*
BLUE WHALER, GREAT BLUE SHARK
Whitley 1940a: 106–107, fig. 104

312 *Carcharhinus maou*
Whitley 1940a: 102

313 *Carcharhinus melanopterus*
Whitley 1940a: 102

314 *Carcharinus remotus*
BRONZE WHALER SHARK
Ayling & Cox 1982: 60

315 *Carcharinus brachyurus*
BRONZE-WHALER, BRONZE WHALER SHARK, N.Z. WHALER, SHARP-FINNED WHALER, SHOVEL NOSE SHARK, WHALER SHARK
Gill 1893: 111
Hutton 1904c: 53
Waite 1912c: 316
Garman 1913: 128
Phillipps 1924b: 261, fig. 4
Archey 1913: 128
Phillipps 1927b: 7
Phillipps 1927c: 10
Fowler 1941: 152
Shorland 1948b: 118
Shorland 1950: 37, 40
Parrott 1958b: 78, 89–90, fig.
Doogue & Moreland 1961: 176–177, fig.
Moreland 1961: 76–77, fig.
Moreland 1963: 8, fig.
Heath & Moreland 1967: 12, fig. 8
Watkinson & Smith 1972: 79
Waugh 1973: 258
Thompson 1981: 16, 23–26 (figs)
Compagno 1984: 465
Bradstock 1985: 137, fig.
Paulin 1987a: 29, fig.
Paul et al. 1993: 19, fig.
Paul & Heath 1997b: 13, fig.
Paulin 1998: 17, fig.

316 *Carcharinus improvisus*
BRONZE WHALER SHARK
Ayling & Cox 1982: 60

317 *Carcharinus lamia*
ROUND-FINNED WHALER
Waite 1912c: 316
Phillipps 1924b: 260–261, fig. 3
Fowler 1941: 170

318 *Carcharhinus longimanus*
OCEANIC WHITETIP SHARK
Saul & Holdsworth 1992: 13
Francis M et al. 1999: 571, 574, 582, figs 1–3

319 *Carcharinus macrurus*
NORTHERN WHALER
Phillipps 1927b: 7
Phillipps 1927c: 10
Phillipps 1930: 479

320 *Carcharhinus*
BRONZE WHALER
Natusch 1967: 195, 198, fig. 56

321 *Eulamia brachyura*
Fowler 1930: 491
Fowler 1941: 151–152

322 *Eulamia brachyurus*
N.Z. WHALER, WHALER SHARK
Phillipps 1946: 11
Phillipps 1947: 42, 50
Phillipps 1948: 128

323 *Eulamia lamia*
Richardson & Garrick 1953: 34, fig. 28

324 *Galeocerca cuvieri*
TIGER SHARK
McDowall 1979a: 208

325 *Galeocerda arcticus*
Hefford 1936: 71

326 *Galeocerdo aculeatus* [Fossil]
Davis 1888b: 8, pl. 1 figs 1–3
Davis 1894: 97–98

327 *Galeocerdo arcticus*
TIGER-SHARK
Griffin 1927: 137–138, pl. 9
Phillipps 1928b: 226, fig. 8
McCulloch 1929: 12
Phillipps 1930: 499

328 *Galeocerdo cuvier*
TIGER SHARK
Fowler 1941: 186–188
Richardson & Garrick 1953a: 34, fig. 30
Graham D 1956: 30, 77
Whitley 1956b: 397
Parrott 1958b: 50, 78, 87–89, fig.
McLintock 1966: (3) 709
Whitley 1967: 173, 179
Whitley 1968a: 7
Compagno 1984: 504
Paulin et al. 1989: 25, 34, fig. 19.1
Francis M 1993b: 142
Cox & Francis 1997: 57, 62, fig.
Francis M & Shallard 1999: 519
Paul 2000: 26, fig.

329 *Galeocerdo cuvieri*
LEOPARD SHARK, TIGER SHARK
Doogue & Moreland 1961: 176, 179, fig.
Moreland 1961: 77–78, fig.
Watkinson & Smith 1972: 79
Garrick & Paul 1975a: 1478, 1481–1482, fig.
Ayling & Cox 1982: 58, 1 pl.
Wilkins & Sale 1982: 12, 16, 19, 29, 189, 196, 212, 215, fig.
Gunson 1983: 171
Paul & Heath 1985: 19, pl. 2
Paul 1986: 26, fig.
Paul et al. 1993: 23, fig.
Paul & Heath 1997b: 14, fig.

330 *Galeocerdo davisi* [Fossil]
Chapman 1918: 2–3, 7–8, 29–32, pl. 6 figs 7a-c

331 *Galeocerdo rayneri*
TIGER SHARK
Whitley 1937d: 231
Whitley 1940a: 113–114
Phillipps 1946: 12
Parrott 1958b: 89

332 *Galeocerdo*
TIGER SHARK
Bigelow & Schroeder 1948: 266
Natusch 1967: 198, fig. 56

333 *Galeolamna brachyurus*
BRONZE WHALER, N.Z. WHALER, WHALER SHARK
Whitley 1940a: 102, fig. 97
Whitley 1956b: 397
Whitley 1968a: 6
Russell 1969: 110–111

334 *Galeolamna macrurus*
WHALER, WHALER SHARK
Whitley 1956b: 397
Whitley 1968a: 7

335 *Galeolamnoides brachyurus*
N.Z. WHALER
Whitley 1934: 198

336 *Glyphis glauca*
Phillipps 1946: 12

337 *Glyphis glaucus*
BLUE WHALER
Fowler 1930: 491
Fowler 1941: 178–180
Parrott 1958b: 78, 90–91, fig.

338 *Glyphis mackiei*
PACIFIC BLUE SHARK
Fowler 1941: 181
Phillipps 1946: 11
Phillipps 1947: 45

339 *Prionace glauca*
BLUE SHARK, BLUE POINTER, BLUE WHALER SHARK, GREAT BLUE SHARK
Phillipps 1924b: 261–262, fig. 5
Phillipps 1927c: 10
Phillipps 1930: 499
Bigelow & Schroeder 1948: 281
Shorland 1948b: 118
Shorland 1950: 40
Richardson & Garrick 1953a: 23–24, fig. 29
Doogue & Moreland 1961: 176, 178, fig.
Alexander 1963: 119, 139
Graham J 1963: 167
McLintock 1966: (3) 709
Heath & Moreland 1967: 10, fig. 3
Hewitt 1967: 223
Hewitt & Hine 1972: 74
Watkinson & Smith 1972: 79
Webb 1972f: 82–86
Garrick & Paul 1975a: 1478, 1481–1482
Francis M 1979: 64
Ayling & Cox 1982: 59, pl. 1
Wilkins & Sale 1982: 87–213
Gunson 1983: 171, fig.
Kelly 1983: 76–82, 121
Compagno 1984: 522
King & Clark 1984: 36
Osipov 1984: *
Pilgrim 1985: 22, 37
Paul 1986: 26, fig.
Smith 1986b: 202–207
Wells et al. 1986: 565–571
Hine et al. 1987: 11
Paulin 1987a: 29, fig.
Benson & Smith 1989: fig. 8
Mulligan & Gauldie 1989: 860, fig. 2l
Paulin et al. 1989: 25, 34, fig. 19.2
Roberts C 1991: 16
Saul & Holdsworth 1992: 5, 11, 23, 24, fig. 11
Sin et al. 1992: 467, 469, 470, 472
Dawson & Slooten 1993: 213
Paul et al. 1993: 21, fig.
Willis 1995: 66
Paulin et al. 1996: 40, 43
Cox & Francis 1997: 54, 57, figs
Paul & Heath 1997b: 15, fig.
Paulin & Roberts 1998: 165
Francis M & Shallard 1999: 515
Hine et al. 2000: 53
Paul 2000: 26, fig.

340 *Prionace glaucum*
BLUE SHARK
Phillipps 1926b: 529
Phillipps 1927b: 7
Shorland 1950: 37
Robinson 1959a: 147

341 *Prionace glaucus*
Richardson & Garrick 1953a: 34

342 *Prionace mackei*
Bigelow & Schroeder 1948: 281

343 *Prionace mackiei*
BLUE SHARK
Phillipps 1935a: 238–239, fig. 2
Richardson & Garrick 1953a: 34
Whitley 1956b: 397
Whitley 1968a: 7
Hardy 1990: 6

344 *Prionace*
Phillipps 1964: 74
Natusch 1967: 198

345 BLUE SHARK
Best 1929: 49
Anon n.d. (1947?)b: 28
Garrick 1956a: 15
Phillipps 1964: 74

346 TIGER SHARK
Waite 1911c: 261
Best 1940: 62
Whitley 1940a: 62
Anon n.d. 1947?b: 28
Garrick 1956a: 15–18, fig. 9
Paul 1966c: (1) 677

347 BRONZEWHALER, GALEOID SHARK, WHALER SHARK
Garrick 1956a: 14, fig. 1
Doak 1975a: 1742

Family Sphyrnidae Hammerhead sharks

Species recognised in 2015:
Sphyrna zygaena (Linnaeus, 1758) Smooth hammerhead shark

348 *Cestracion zygaena*
Waite 1907: 7

349 *Sphryna zygaena*
Gill 1893: 111

350 *Sphryna lewini*
HAMMERHEAD SHARK
Heath & Moreland 1967: 12, fig. 7
Cunningham 1972: 12

351 *Sphyrna lewini*
BALANCE FISH, HAMMERHEAD SHARK
Whitley 1940a: 121
Phillipps 1946: 13, fig. 3
Powell 1951: 60, fig. 291
Richardson & Garrick 1953a: 23, 35, fig. 33
Whitley 1956b: 397
Parrott 1958b: 98–99, fig.
Doogue & Moreland 1961: 180, fig.
Moreland 1961; 73, 78–79, fig.
Powell 1966: (3) 227, fig.
Natusch 1967: 199, fig. 56
Whitley 1967: 174
Whitley 1968a: 7

352 *Sphyrna zygaena*
HAMMERHEAD SHARK, HAMMER-HEADED SHARK
Hutton 1904c: 53
Waite 1912c: 316
Phillipps 1924b: 262–263, figs 6, 6a
Phillipps 1927b: 7
Phillipps 1927c: 10
Fowler 1930: 494
Phillipps 1930: 499
Hefford 1936: 71
Fowler 1941: 217–229
Phillipps 1946: 13
Phillipps 1947: 45
Richardson & Garrick 1953a: 35
Garrick & Schultz 1963: 22, fig. 11
Gilbert 1967: 31–37, figs 8–l0
Russell 1971b: 82
Hewitt & Hine 1972: 75
Watkinson & Smith 1972: 79
Grace R 1973: 14
Waugh 1973: 258
Scott E 1973: 10
Garrick & Paul 1975a: 1480–1482, fig.
Thompson 1981: 16, 24, 29–30 (figs)
Wilkins & Sale 1982: 10 ... 211, figs
Ayling & Cox 1982: 61–62, 2 pl.
Kelly 1983: 76–82, 121
Gunson 1983: 171, fig.
Last et al. 1983: 131, fig.
Paul et al. 1983: 9
Russell 1983: 122
Compagno 1984: 554
Davison & Van Berkel 1985: 148
Pilgrim 1985: 24
Paul 1986: 27, fig.
Mulligan & Gauldie 1989: 866, 868, fig. 4b
Paulin et al. 1989: 26, 34, fig. 20.1
Saul & Holdsworth 1992: 11
Francis M 1993b: 142
Paul et al. 1993: 31, fig.
Cox & Francis 1997: 57, 62, fig.
Paul & Heath 1997b: 16, fig.
Compagno 1998c: 1366, fig.
Francis M & Shallard 1999: 515
Hine et al. 2000: 33
Paul 2000: 27, fig., 205

353 *Sphyrna*
HAMMERHEAD SHARK
McLintock 1966: (3) 709
Tong & Elder 1968: 63, 66
Pfeil 1984: 113 –114 [Fossil]

354 *Squalus zygaena*
HAMMERHEADED SHARK
Polack 1838: 323
Taylor 1855: 412

355 *Syhyrna zygaena*
HAMMERHEADED SHARK
Phillipps 1924b: 262–263, figs 6, 6a

356 *Syphyrna zygoena*
Best 1929: 49

357 *Zygaena malleus*
HAMMERHEADED SHARK
Hutton 1872: 76
Hutton 1873b: 271
Sherrin 1886: 115–117, 298
Hutton 1890: 275

358 *Zygaena*
Polack 1840: 202
Taylor 1870: 626

359 *Lygaena malleus*
Sandager 1886: 131

360 HAMMERHEAD SHARK
Sherrin 1886: 119
Colenso 1892: 460
Anon n.d. (1947?)b: 23, 28
Wright 1950: 152
Garrick 1956a: 15, fig. 7
Hewitt 1967: 256
Doak 1975a: 1742

Order ORECTOLOBIFORMES Carpet sharks

Family Rhincodontidae Whale shark

Species recognised in 2015:
Rhincodon typus Smith, 1828 Whale shark

361 *Rhincodon typus*
WHALE SHARK
Cox & Francis 1997: 52, fig.

Order HEXANCHIFORMES Sevengill sharks & sixgill sharks

Family Chlamydoselachidae Frill sharks

Species recognised in 2015:
Chlamydoselachus anguineus Garman, 1884 Frill shark

362 *Chlamydoselache anguineus*
FRILL SHARK
Ayling & Cox 1982: 47, fig.

363 *Chlamydoselacheus anguineus*
Mulligan & Gauldie 1989: 868, fig. 2a

364 *Chlamydoselachus anguineus*
FRILL(ED) SHARK
Nakaya & Bass 1978: 397–398, fig. 1
Shcherbachev et al. 1982: 7–8
Compagno 1984: 15
Paul & Heath 1985: 17, pl. 1
Paul 1986: 24, fig.
Clark M 1988: 417
Clark & King 1989: 50
Paulin et al. 1989: 10, 33, fig. 4.1
Amaoka et al. 1990: 54, fig.
Tracey et al. 1990: 33
Paul et al. 1993: 17, fig.
Cox & Francis 1997: 44, fig.
Paul & Heath 1997b: 1, fig.
Paul 2000: 24, fig.
Wetherbee 2000: 191

Family Hexanchidae Cow sharks

Species recognised in 2015:
Heptranchias perlo (Bonnaterre, 1788) Sharpsnouted sevengill
Hexanchus griseus (Bonnaterre, 1788) Sixgill shark
Notorynchus cepedianus (Péron, 1807) Broadsnouted sevengill

365 *Heptranchias cepedianus*
SEVEN-GILLED SHARK
Parrott 1958b: 78, 84–6, fig.

366 *Heptranchias dakini*
ONE-FINNED SHARK
McCann 1953: 1–2
Richardson & Garrick 1953a: 31
Whitley 1956b: 397
Whitley 1968a: 5
Garrick & Paul 1971a: 1–14
JFA 1972: *
Shuntov 1979: 71, *

367 *Heptranchias indicus*
PERLON
Waite 1907: 6
Hamilton A 1908: 30

Thomson G 1913: 235
Thomson & Anderton 1921: 68
Fowler 1941: 8

368 *Heptranchias pectorosus*
SEVEN-GILLED SHARK
Barnard 1925: 21, pl. 1
Fowler 1930: 484
Phillipps 1946: 5–7

369 *Heptranchias perlo*
PERLON SHARK, SHARPSNOUTED SEVENGILL SHARK
Parrott 1953: 113, fig.
Richardson & Garrick 1953a: 31
Parrott 1958b: 85–86, fig.
Garrick & Paul 1971a: 1–14, 2 pl.
Waugh 1973: 258
Garrick & Paul 1975a: 1475, 1478, 1480–1481, figs
JFA 1977: 127
Kemp 1978: 68–71
Francis M 1979: 64
Shuntov 1979: 70, *
Ayling & Cox 1982: 46, fig.
Castro 1983: 40, fig.
Paul et al. 1983: 8
Compagno 1984: 18
King & Clark 1984: 36
Paul 1986: 24
Hine et al. 1987: 9
Clark M 1988: 417
Clark & King 1989: 50
Mulligan & Gauldie 1989: 860–861, 866–867, fig. 3a–g
Paulin et al. 1989: 11, 33, fig. 5.3
Amaoka et al. 1990: 55, fig.
Roberts C 1991: 3, 16
Cox & Francis 1997: 44, fig.
Paul 2000: 24

370 *Heptranchias*
Natusch 1967: 198
Fordyce 1991: fig. 10

371 *Hexanchus griseus*
BLUNTNOSE SIXGILL SHARK, COW SHARK, SIXGILL, SIX-GILLED SHARK
Phillipps 1946: 5–7, fig. 1
Richardson & Garrick 1953a: 31, fig. 20
Whitley 1956b: 397
Parrott 1958b: 78, 80, 83–84, fig.
Whitley 1968a: 5
Garrick & Paul 1975a: 1475, 1478, 1481, fig.
Francis M 1979: 64
Ayling & Cox 1982: 45, fig.
Compagno 1984: 20
Paul 1986: 24, fig.
Hatanaka et al. 1989B: 30
Paulin et al. 1989: 11, 33, fig. 5.1
Amaoka et al. 1990: 56, fig.
Sin et al. 1992: 469
Cox & Francis 1997: 44, fig.
McClatchie et al. 1997: 666
Hine et al. 2000: 58
Paul 2000: 24, fig.

372 *Hexanchus*
COW SHARK
Bigelow & Schroeder 1948: 78
Natusch 1967: 198, fig. 56
Pfeil 1984: 113 [Fossil]

373 *Notidanus dentatus* [Fossil]
Davis 1888b: 36–37, pl. 6, figs 9–12
Davis 1894: 108–109
Hector 1894: 118
Chapman 1918: 2–4, 29–32, pl. 6 figs 9–12

374 *Notidanus indicus*
PERLON
Hutton 1872: 79
Hutton 1873b: 271
Haast 1875a: 237
Sherrin 1886: 115, 121, 298
Hutton 1890: 276
Parker 1891a: 142, 1 fig.
Parker 1891b: 121–123, pl. 19
Fowler 1941: 7

375 *Notidanus (Heptanchus) indicus*
Hamilton 1884: 128

376 *Notidanus marginalis* [Fossil]
Davis 1888b: 34–35, pl. 6 figs 7, 8
Davis 1894: 108
Hector 1894: 118
Chapman 1918: 2–5, 29–32, pl. 6 fig 8, pl. 9 fig. 1

377 *Notidanus primigenius* [Fossil]
Davis 1888b: 33–34, pl. 6 fig. 6
Davis 1894: 107–108
Hector 1894: 118
Chapman 1918: 2–3, 5, 29–32, pl. 6 fig. 6

378 *Notidanus* [Fossil]
Davis 1886: 4–5
Parker 1897b: 629

379 *Notorhynchus cepedianus*
SEVENGILL SHARK
Fowler 1941: 6
Cunningham 1951: 75
Doogue & Moreland 1961: 175, fig.
Graham J 1963: 167
Hewitt & Hine 1972: 74
Ayling & Cox 1982: 46, fig.
Hurst & Bagley 1987: 42
Dawson & Slooten 1993: 213
Paulin & Roberts 1998: 165
Hine et al. 2000: 33

380 *Notorhynchus indicus*
Gill 1893: 110
Hutton 1904c: 54

381 *Notorhynchus maculatus*
BROADSNOUTED SEVENGILL SHARK
Ayling & Cox 1982: 46, fig.

382 *Notorhynchus pectorosus*
SEVENGILLED SHARK
Phillipps 1924b: 259 fig. 1
Archey 1927: 191–192
Phillipps 1927b: 6
Phillipps 1927c: 10
Phillipps 1930: 479
Graham D 1938: 400
Fowler 1941: 7
Phillipps 1948: 128
Shorland 1950: 36
Robinson 1959a: 144, 147, 150, 153
Alexander 1963: 118, 139
Hewitt 1967: 183, 239
Pilgrim 1985: 36

383 *Notorhynchus*
SEVEN GILLED SHARK
Garrick 1960a: 110
Natusch 1967: 198, fig. 56
Tong & Elder 1968: 63, 66

384 *Notorynchus cepedianus*
BROADSNOUTED SEVENGILL SHARK, SEVENGILLED SHARK
Whitley 1934: 181, 197
Whitley 1940a: 70
Powell 1951: 61, fig. 296
Richardson & Garrick 1953a: 31
Graham D 1956: 30, 62–63, 107, fig.
Whitley 1956b: 397
Powell 1966: (3) 228, fig.
Whitley 1968a: 5
York 1970: 1–37
Watkinson & Smith 1972: 79
Webb 1972b: 616
Garrick & Paul 1975a: 1475, 1478, 1481, fig.
Wei et al. 1976: 57
Kemp 1978: 77–78
Francis M 1979: 64
Paul et al. 1983: 8
Compagno 1984: 22
Paul & Heath 1985: 17, pl. 1
Pilgrim 1985: 23–24
Paul 1986: 24, fig.
Hardy et al. 1987: 244
Paulin et al. 1989: 11, 33, fig. 5.3
Roberts C 1991: 16
Saul & Holdsworth 1992: 13
Paul et al. 1993: 17, fig.
Grenfell 1996: 49, fig.
Cox & Francis 1997: 44–45, 50, figs
Paul & Heath 1997a: 2, fig.
Francis M & Shallard 1999: 519
Paul 2000: 24, fig.

385 *Notorynchus macdonaldi*
SEVENGILLED SHARK
Whitley 1931b: 138–139
Phillipps 1935a: 236–267, fig. 1
Fowler 1941: 8

386 *Notorynchus griseus*
McCulloch 1929: 3–4

387 *Notorynchus pectorosus*
SEVENGILLED SHARK
Garman 1913: 20–21
Parrott 1953: 113
Richardson & Garrick 1953a: 31, fig. 19

388 *Notorynchus primigenius* [Fossil]
Keyes 1987: 33, fig. 2
Grenfell 1996: 49, fig.

389 *Notorynchus*
SEVEN GILLED SHARK
Bigelow & Schroeder 1948: 78
McLintock 1966: (3) 709
Keyes 1987: 33, fig. 2

390 SEVEN-GILLED SHARK
Graham D 1939a: 428
Garrick 1956a: 14

391 SIX GILLED SHARK
Garrick 1956a: 14

Order ECHINORHINIFORMES Bramble sharks

Family Echinorhinidae Bramble sharks

Species recognised in 2015:
Echinorhinus brucus (Bonnaterre, 1788) Bramble shark
Echinorhinus cookei Pietschmann, 1928 Prickly shark

392 *Echinorhinus brucus*
BRAMBLE SHARK, SPINOUS SHARK, SPINY SHARK
Waite 1907: 7
Waite 1913c: 17
Thomson & Anderton 1921: 68

Phillipps 1927b: 9
Phillipps 1927c: 10
Phillipps 1928b: 221–222, fig. 1
McCulloch 1929: 20
Fowler 1930: 497
Phillipps 1930: 499
Fowler 1941: 277–279
Bigelow & Schroeder 1953c: 57
Richardson & Garrick 1953a: 23, 36, fig. 44
Garrick 1956b: 558–561
Parrott 1958b: 111
Garrick 1960a: 105–110, 115–116, pl. 7
Garrick 1960c: 539–557
Natusch 1967: 199, fig. 57
Garrick & Moreland 1968: 136
Garrick & Paul 1974b: 1434–1441
Garrick & Paul 1975a: 1481, 1482
Ayling & Cox 1982: 72, fig.
Compagno 1984: 26
Paulin et al. 1989: 11–12, 33, fig. 6.2
Cox & Francis 1997: 45, 46, figs

393 *Echinorhinus cookei*
BRAMBLE SHARK, COOK'S BRAMBLE SHARK
Garrick 1960a: 105–116, figs 1–3, pl. 7
Garrick 1960c: 539–557
Natusch 1967: 199, fig. 57
Garrick & Moreland 1968: 133–137, pls 1–2
Whitley 1968a: 8
Garrick & Paul 1975a: 1481, 1482, fig
Ayling & Cox 1982: 72, fig.
Roberts & Van Berkel 1982: 134
Compagno 1984: 27
Mulligan & Gauldie 1989: 868, fig. 2b
Paulin et al. 1989: 11–12, 33, fig. 6.1
Hardy 1990: 5
Cox & Francis 1997: 45, fig.

394 *Echinorhinus cooki*
Gaskin & Cawthorn 1967: 156, 165

395 *Echinorhinus (Rubusqualus) maccoyi*
BRAMBLE SHARK
Whitley 1956b: 398
Whitley 1968a: 8

396 *Echinorhinus mccoyi*
BRAMBLE SHARK
Phillipps 1946: 19–20
Parrott 1958b: 79, 111–112, fig.
Garrick 1960a: 105, 107, 115

397 *Echinorhinus (Rubusqualus) mccoyi*
BRAMBLE SHARK, SPINOUS SHARK
Whitley 1940a: 152

398 *Echinorhinus spinosus*
SPINOUS SHARK
Parker 1883b: 520
Parker 1884a: 280–281
Hamilton 1886: 136
Sherrin 1886: 115, 124–125, 298
Hutton 1890: 276
Gill 1893: 110
Hutton 1904c: 54
Thomson G 1906: 552
Regan 1908c: 42
Barnard 1925: 46–47, pl. 2
Bridge 1932: 456
Garrick 1960a: 105, 107

399 *Echinorhinus*
Bigelow & Schroeder 1948: 527, 529

400 *Pseudoechinorhinus* [Fossil]
Fordyce 1991: 1216

Order SQUALIFORMES Dogfish sharks

Family Squalidae Spiny dogfishes

Species recognised in 2015:
Cirrhigaleus australis Last & Stevens, 2007 Southern mandarin dogfish
Squalus acanthias Linnaeus, 1758 Spiny dogfish
Squalus griffini Phillipps, 1931 Northern spiny dogfish
Squalus raoulensis Duffy & Last, 2007 Kermadec spiny dogfish
Squalus sp. Shortspine dogfish

401 *Acanthias? maculatus*
Richardson & Gray 1843: 227
Richardson J 1843a: 29
Taylor 1870: 626

402 *Acanthias vulgaris*
PIKED DOGFISH, SPINED DOGFISH
Hector 1872b: 120
Hutton 1872: 76
Hector 1875a: 239
Hutton 1875a: 132
Gunther 1880: 281
Sherrin 1886: 115, 122–124, 298
Sandager 1888: 131

403 *Acanthias*
Parker 1882: 260
Parker 1883d: 219
Manter 1954: 533

404 *Acanthidium molleri*
Shuntov 1979: 72, *

405 *Anthias blainvilli*
Gunther 1880b: 284

406 *Anthias vulgaris*
Gunther 1880b: 284
Hutton 1890: 276

407 *Cirrhigaleus barbifer*
MANDARIN DOGFISH, SPINY DOGFISH, WHISKERED DOGFISH
Tanaka 1912: 151, pl. 41, figs 156–162
Bigelow & Schroeder 1948: 451
Bigelow & Schroeder 1957: 24, 37–38
Garrick & Paul 1971b: 1–13, fig. 1, 3 pl.
Garrick & Paul 1974b: 1434–1441
Garrick & Paul 1975a: 1480–1481, fig.
Bass 1979: 251, fig. 3
McDowall 1979a: 208
Randall 1981: 199
Compagno 1984: 62
Davison & Van Berkel 1985: 148
Paulin et al. 1989: 13, 33, fig. 7.1
Cox & Francis 1997: 45, fig.
Compagno & Niem 1998a: 1224, fig.

408 *Cirrigaleus barbifer*
WHISKERED DOGFISH
Ayling & Cox 1982: 63

409 *Flakeus griffini*
GRIFFIN'S DOGFISH, GRIFFIN'S SHARK, PIKED DOGFISH
Whitley 1940a: 138–139, fig. 1, 9
Powell 1951: 61, fig. 295
Whitley 1956b: 398
Whitley 1968a: 9

410 *Kainga kirki*
SPINED DOGFISH
Gaskin & Cawthorn 1967: 165

411 *Koinga kirki*
SPINED DOGFISH, WHITE SPOTTED DOGFISH
Whitley 1940a: 60, 141, fig. 153
Gaskin & Cawthorn 1967: 156
Whitley 1967: 170

412 *Koinga lebruni*
SPINED DOGFISH, SPINED DOGFISH SHARK, WHITE SPOTTED DOGFISH
Graham D 1956, 30, 46, 65, 67, 71–72, 79–84, 107, 199, 216, 230, 289, 317, 341–342, fig.
Whitley 1956b: 398
Whitley 1968a: 9

413 *Squalus acanthia*
Kawahara 1980: *

414 *Squalus acanthias*
SOUTHERN DOGFISH, SPIKY, SPINEBACK, SPINY DOGFISH, SPOTTED SPINY DOGFISH, SPURDOG
Gill 1893: 110
Hutton 1904c: 54
Waite 1907: 8
Waite 1909a: 52
Waite 1909b: 143
Rendahl 1925: 1
Phillipps 1946: 14
Bigelow & Schroeder 1948: 453
Garrick 1956b: 559
Graham D 1956: 83
Bigelow & Schroeder 1957: 35–36
Garrick 1960b: 506
Garrick 1960c: 519–557, figs 1–5
Doogue & Moreland 1961: 186–187, fig.
Satchell 1961a: 531–543
Satchell 1961a: 32–34
Satchell 1962: 503–512, figs 1–6
Satchell & Way 1962: 243–250, 4 figs, 1 pl.
Alexander 1963: 130, 139
Bell & Satchell 1963: 221–234, figs 1–6
Gorman 1963: 24
Graham J 1963: 167, 169
Moreland 1963: 12, fig.
Avon 1965: 15
Harris J 1965: 107–130, figs 1–15
Heath & Moreland 1967: 10, fig. 1
Hewitt 1967: 217, 239, 246
Natusch 1967: 199, fig. 57
Sorenson 1970: 7, 19, 36, 44, 53, fig. 11
York 1970: 10, 11
Garrick & Paul 1971b: 9
Japan DSTA 1971: 64, *
Baker 1972: 13
JAMARC 1972: 10, *
JFA 1972: *
Japan, FSFRL 1972: 79, fig.
Hewitt & Hine 1972: 75
Watkinson & Smith 1972: 38–40
Webb 1972b: 7, 11, 16
Merrett 1973: 104–105
Ryan 1974: 133, 134
Garrick & Paul 1975a: 1479, 1481, figs
JAMARC 1975: 14, *
Ritchie et al. 1975: 2
Wei et al. 1976: 56, fig.
JAMARC 1976: 21, *
Capra & Satchell 1977a: 59–65, figs 1–4
Capra & Satchell 1977b: 66–71, figs 1–4
Capra & Satchell 1977c: 41–47, figs 1–4
Fenaughty & O'Sullivan 1978: 9, 14, 16, 19, 36, 39–40, 46–47
JFA 1978: *
Korea, FRDA 1978: 64, *
McDowall 1978a: 94
Jones & Foster 1978: 77, 79, fig.
Satchell 1978: 422–41, figs 1–6

Taiwan FRI 1978: *
Francis M 1979: 64
Leach 1979: 117, 121
McDowall 1979a: 208
Poole & Satchell 1979: 1–7, figs 1–4
Struik & Bray 1979: 30–32
Ford & Gauldie 1979: 273–276
JAMARC 1979: 18, *
Shuntov 1979: 71, *
Kerstan & Sahrhage 1980: 131–133, fig. 135
JAMARC 1981a: 21, *
Randall 1981: 199
Van der Broek et al. 1981: 138
Ayling & Cox 1982: 63–64, pl. 3
Boustead 1982: 13
Bedford & Leader 1982: 55–57
Bedford 1983a: 75–80
Bedford 1983b: 81–84, fig. 1
Leader & Bedford 1983: 55–57
Paul et al. 1983: 9, 11
Weber et al. 1983: 2157–2161
Compagno 1984: 111
JAMARC 1984: 8, 16, 26, 80–111, fig. 24
King & Clark 1984: 36
Tetens & Wells 1984: 168
van den Broek et al. 1984: *
Wierzbicka & Langowska 1984: 157–165
Eldon & Kelly 1985: 23
Pilgrim 1985: 20, 22, 24, 37
Vlieg 1985c: 245–249
Andrews 1986: 13–14, 16, 26
Boyce et al. 1986: 4, 78, *
Hardy 1986c: 25
Paul 1986: 31, figs
Satchell 1986: 101–105, figs 1–2
Smith 1986b: 202–207
Hine & Wain 1987b: 548
Hine et al. 1987: 11
Hurst & Bagley 1987: 12–15, 35, 39, 41–42, 44, fig. 8
Paulin 1987a: 29, fig.
Uozumi et al. 1987: 11, 19, fig. 25
Fenaughty C et al. 1988: 17, 20, 23, 28, 33, 38
Hanchet 1988: 537–549, figs 1–12
Vlieg 1988: 18, 22, 36, 44, 49
Vlieg & Body 1988: 151–161
Walker 1988: 45–46
Clark & King 1989: 17
Fenaughty & Uozumi 1989: 13, 17, 35, 37, figs 13, 27
Hardy C 1989: 31
Hatanaka et al. 1989A: 6, 15, 19, 51, fig. 32
Hatanaka et al. 1989B: 30
Horn 1989: 11
Massey 1989: 8–9
Mulligan & Gauldie 1989: 867–868, fig. 1b
Paulin et al. 1989: 13, 33, fig. 7.2
Amaoka et al. 1990: 76, fig.
Hurst et al. 1990: 7, 15, 17, 28, 35, 40–42, 48–50, fig. 6
Jones J 1990b: 21
Livingston 1990: 503, 507, 511, 514–515, fig. 8
OECD 1990: 77
Murray 1990a: 744
Dawson 1991: 284, 288
Hanchet 1991: 313–323
Roberts C 1991: 3, 4, 16, fig. 4B
Paul 1992: 884
Sin et al. 1992: 467, 469, 470, 472
Dawson & Slooten 1993: 210
Paul et al. 1993: 29, fig.
Bonfil 1994: 61
Jones & Delahunt 1995: 395
Paulin et al. 1996: 40, 43
Anderson A 1997: 13
Bellamy & Hunter 1997: 229–234, fig. 1
Cox & Francis 1997: 45, 54, figs
Hickford et al. 1997: 251, 253, 255, fig. 3
Leach 1997: * figs
McClatchie et al. 1997: 667
Paul & Heath 1997a: 3, fig.
Francis M 1998: 586, fig. 5
Horwood et al. 1998: 23, *
Jacob et al. 1998: 2119, 2125, 2126, 2131, 2135, 2138
Paulin 1998: 69, fig.
Paulin & Roberts 1998: 164
Ryan & Paulin 1998: 127, 131
Francis M & Shallard 1999: 515, 523–524, 526, fig. 4
Hine et al. 2000: 43
Paul 2000: 31, figs, 217
Stevens et al. 2000: 480
Wetherbee & Nichols 2000: 512

415 *Squalus acanthius*
SPINY DOGFISH
McLintock 1966: (3) 708

416 *Squalus blainville*
Chen et al. 1979: 39–40

417 *Squalus blainvillei*
GREY SPINY DOGFISH, IMMACULATE SPINY DOGFISH, NORTHERN SPINY DOGFISH
Garrick 1961b: 843
Natusch 1967: 199, fig. 57
York, 1970: 1–37, fig. 12
Garrick & Paul 1971b: 9
JFA 1972: *
Watkinson & Smith 1972: 38–40, 75
Merrett 1973: 94, 104–109
JAMARC 1975: 14, *
Garrick & Paul 1975a: 1479–1481, fig.
JFA 1977: 127, 129
Leach 1979: 117, 121
Kerstan & Sahrhage 1980: 131–133, fig. 136
Kawahara 1980: *
Ayling & Cox 1982: 65, fig.
Paul et al. 1983: 9, 11
King & Clark 1984: 36

Paul & Heath 1985: 21, pl. 3
Paul 1986: 32, fig.
Hardy et al. 1987: 244
Hine & Wain 1987b: 548
Hine et al. 1987: 12
Hurst & Bagley 1987: 42
Paulin 1987a: 29, fig.
Roberts C 1987a: 158
Clark M 1988: 417
Fenaughty C et al. 1988: 16, 20, 23, 28, 33, 38
Hanchet 1988: 547
Clark & King 1989: 17, 50
Fenaughty & Uozumi 1989: 35, 37
Muñoz-Chápuli & Ramos 1989: 18–19
Amaoka et al. 1990: 77
Roberts C 1991: 4
Paul et al. 1993: 27, fig.
Paul 2000: 32, fig., 217

418 *Squalus blainvilli*
Shuntov 1979: 70, *

419 *Squalus blainvillii*
BROWN DOGFISH, COMMON SPINED DOGFISH, GRIFFIN'S DOGFISH, NORTHERN DOGFISH, SPINY DOGFISH
Garrick 1960b: 506
Garrick 1960c: 519–557, figs 1–3, 6
Doogue & Moreland 1961: 186–187, fig.
Garrick 1961b: 843
Moreland 1963: 12, fig.
McLintock 1966: (3) 708
Tong & Elder 1968: 63, 66

420 *Squalus fernandinus*
SPINED DOGFISH, SPINY DOGFISH, SPOTTED DOGFISH
Phillipps 1901: 360–361
Regan 1908c: 46
Waite 1909a: 52
Waite 1909b: 131, 142–143, pl. 16
Waite 1912c: 316
Thomson G 1913: 235
Phillipps 1921a: 123
Thomson & Anderton 1921: 68–69, 98–99, 104, l08
Phillipps & Hodgkinson 1922: 97
Thomson & Thomson 1923: 111
Archey 1927: 193
Phillipps 1927b: 9
Phillipps 1927c: 11
Phillipps 1928b: 223, fig. 3
McCulloch 1929: 18
Fowler 1930: 495
Phillipps 1930: 479
Hefford 1936: 71
Graham D 1938: 401
Graham D 1939b: 361–362
Fowler 1941: 260–262
Bigelow & Schroeder 1948: 453
Shorland 1950: 36
Richardson & Garrick 1953a: 23, 36
Bigelow & Schroeder 1957: 31
Garrick 1957b: 29
Garrick 1960c: 519–520, 522, 524
Beaglehole 1962: (2) 8
Beurois 1975: 55
Wei et al. 1976: 56, fig.
Taiwan FRI 1978: *
Hanchet 1988: 547

421 *Squalus griffini*
AUCKLAND SPINY DOGFISH, COMMON SPINED DOGFISH, DOGFISH, GRIFFIN'S DOGFISH
Phillipps 1931: 360–361
Fowler 1941: 255
Bigelow & Schroeder 1948: 454
Phillipps 1946: 14, 16, fig. 5
Richardson & Garrick 1953a: 369, fig. 39
Garrick 1957b: 29, 31
Moreland 1957: 34
Parrott 1958b: 79, 113–115, 117, fig.
Hardy 1990: 6
Roberts C 1991: 4

422 *Squalus kirki*
COMMON SPINED DOGFISH, SOUTHERN SPINY DOGFISH, SPINY DOGFISH, SPOTTED DOGFISH, DOGFISH, WHITE-SPOTTED DOGFISH
Phillipps 1931: 361
Whitley 1937b: 156
Whitley 1939d: 242
Fowler 1941: 256
Phillipps 1946: 14–16, fig. 4
Phillipps 1947: 48
Bigelow & Schroeder 1948: 453
Phillipps 1949c: 10–11, fig.
Laird 1951: 306
Richardson & Garrick 1953a: 23
Manter 1954: 532–533, 559
Parrott 1958b: 116
Beaglehole 1962: (2) 8
Shuntov 1970: 373–379
Shuntov & Demidenko 1970: 98
Shuntov 1971: 339
Myagkov & Kondyurin 1986: 7

423 *Squalus lebruni*
DOGFISH SHARK, SPOTTED DOGFISH
Norman 1937: 9–10, 143, fig. 2
Richardson & Garrick 1953a: 23, 36, fig. 40
Parrott 1958b: 79, 113, 115–116, fig.
Restieaux & Satchell 1958: 391–416, figs 1–5, pl. 1
Satchell 1958: 13–14
Satchell 1959: 62–70, figs 1–6
Robinson 1959a: 147
Satchell 1960: 719–731, figs 1–5
Robinson 1961: 241–242, 263
Abe & Arai 1968: 142
Dillon & Hargis 1968: 363
Inoue, Arai & Abe 1968: 137, fig.
Iwai et al. 1970: 2

424 *Squalus maculatus*
Parkinson: i.t.52

425 *Squalus megalops*
PIKED DOGFISH, PACIFIC DOGFISH
Regan 1914c: 14
Phillipps 1927b: 9
Phillipps 1927c: 11
Phillipps 1928b: 223
Whitley 1934: 194
Phillipps 1946: 16
Shuntov 1970: 377
Shuntov 1971: 339
Boldyrev at al 1981: 91
Myagkov & Kondyurin 1986: 13
Muñoz-Chápuli & Ramos 1989: 10

426 *Squalus mitsukuri*
SHORTSPINE SPURDOG
Amaoka et al. 1990: 77, fig.

427 *Squalus mitsukurii*
NORTHERN SPINY DOGFISH, SHORTSPINE SPURDOG
Compagno 1984: 122
Hatanaka et al. 1989B: 30
Horn 1989: 11
Mulligan & Gauldie 1989: 867, fig. 1d(D)
Paulin et al. 1989: 13, 34, fig. 7.3
Roberts C 1991: 4, 5, 16, figs 2A, 4A
Paulin et al. 1996: 40, 43
Cox & Francis 1997: 45, fig.
McClatchie et al. 1997: 667
Paul & Heath 1997b: 2, fig.
Paulin 1998: 69
Francis M & Shallard 1999: 515

428 *Squalus whitleyi*
Phillipps 1931: 361
Fowler 1941: 257
Bigelow & Schroeder 1948: 453
Myagkov & Kondyurin 1986: 7

429 *Squalus*
SHARK
Polack 1838: 323
Polack 1840: 202
Waite 1914: 127
Richardson L 1953c: 292
Garrick 1954a: 124
Garrick 1955: 228, 231
Garrick 1960a: 109, 116
Pfeil 1984: 113–114 [Fossil]
Probert 1986: 411
Horwood et al. 1998: 22, *

430 KOINGA, SPIKEBACK SHARK, SPINED DOGFISH, SPINE-SHARK, SPINY DOGFISH
Waite 1911: 261–263
Young & Thomson 1927: 319
Graham D 1939a: 424–426, 428–429, 432–434
Garrick 1955a: 14–18
Graham D 1956: 64–65
Parrott 1957: 27
Dickinson 1958: 1, 4, 6, 9–l2
Keene 1963: 31–32

Family Centrophoridae Gulper sharks

Species recognised in 2015:
Centrophorus harrissoni McCulloch, 1915 Harrison's dogfish
Centrophorus squamosus (Bonnaterre, 1788) Leafscale gulpershark
Deania calcea (Lowe, 1839) Shovelnose dogfish
Deania histricosa (Garman, 1906) Rough shovelnose dogfish
Deania quadrispinosa (McCulloch, 1915) Longsnout dogfish

431 *Centrophorus calceus*
Thompson 1930: 275–256, pl. 42
Whitley 1940a: 146
Garrick 1959a: 127
Garrick 1960b: 489

432 *Centrophorus foliaceus*
Bigelow & Schroeder 1957: 83
Garrick 1959a: 127–133, 140, fig. 1
Smith 1967: 118

433 *Centrophorus kaikourae*
FLATNOSED SHARK
Fowler 1941: 229, 233–234
Phillipps 1946: 18
Bigelow & Schroeder 1957: 104, 107
Garrick 1959a: 127
Garrick 1960b: 490

434 *Centrophorus nilsoni*
NILSON'S DEEP-SEA DOGFISH, NILSON'S SHARK
Thompson 1930: 276–277, pl. 43
Whitley 1940a: 274
Fowler 1941: 229–230
Phillipps 1946: 18
Bigelow & Schroeder 1953: 226
Richardson & Garrick 1953a: 35, fig. 36
Whitley 1956b: 398
Bigelow & Schroeder 1957: 67, 74, 81, 83
Cowper 1958: 149
Parrott 1958b: 79, 119
Garrick 1959a: 127–140, figs 1, 3
Smith 1967: 118–119

Hardy 1990: 5
Freeman & Tunnicliffe 1997: 5

435 *Centrophorus (Somnispinax) nilsoni*
NILSON'S DEEPSEA DOGFISH
Whitley 1940a: 146, fig. 160

436 *Centrophorus squamosus*
DEEPWATER SPINY DOGFISH, LEAFSCALE GULPERSHARK, NILSON'S DEEP SEA DOGFISH
Garrick 1959a: 127–129, 131–140, figs 1–5
Garrick 1956b: 559
Garrick 1960b: 503, 506
Garrick 1960c: 538, 540–557
Springer & Garrick 1964: 91
Natusch 1967: 199, fig. 57
Smith 1967: 118
Whitley 1968a: 11
JFA 1972: *
JFA 1978: *
Francis M 1979: 64
Randall 1981: 199
Ayling & Cox 1982: 67, fig.
Compagno 1984: 43
Keyes 1984: 203, 206–209, figs
Robertson et al. 1984: 24
Paul 1986: 32, fig.
Hine & Wain 1987b: 548
Hine et al. 1987: 13
Clark M 1988: 417
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Mulligan & Gauldie 1989: 861, 866, fig. 3h–l
Paulin et al. 1989: 14, 33, fig. 7.9
Amaoka et al. 1990: 65, fig.
Deprez et al. 1990: 383–385
Hurst et al. 1990: 49
Tracey et al. 1990: 19, 33
Fordyce 1991: 1216
Roberts C 1991: 16
Summers et al. 1991: *
Cox & Francis 1997: 45, fig.
McClatchie et al. 1997: 665
Compagno & Niem 1998a: 1224, fig.
Jacob et al. 1998: 2126
Paul 2000: 32, fig.
Wetherbee 2000: 192, 194, 195, 196, figs 3, 4
Wetherbee & Nichols 2000: *, figs

437 *Centrophorus tessellatus*
Yano 1993b: 352

438 *Centrophorus*
Whitley 1934: 199
Bigelow & Schroeder 1948: 451
Pfeil 1984: 107–109, 113–114, pl. 1 figs 1, 2 [Fossil]

439 *Centrophorus* sp.
Paulin et al. 1989: 13, 33, fig. 7.5
Amaoka et al. 1990: 66, fig.

440 *Centroscymnus squamosus*
LEAFSCALED GULPER SHARK
Clark & King 1989: 45–46, 50, figs 7, 46, 49

441 *Daenia kaikoura*
Shuntov 1979: 72, *

442 *Deania calcea*
DEEPWATER DOGFISH, DORIAN GRAY, SHOVELNOSE DOGFISH, SHOVELNOSE SPINY DOGFISH
Garrick 1960b: 489–497, 506, 515–516, figs 1–3
Garrick 1960c: 539–557
Stead 1963: 121
Natusch 1967: 199, fig. 57
Iwai et al. 1970: 2–3
Hewitt & Hine 1972: 72
JFA 1972: *
Japan, FSFRC 1972: 80, fig.
JAMARC 1975: 14, *
Garrick & Paul 1975a: 1481, fig.
JFA 1978: *
Francis M 1979: 65
Kerstan & Sahrhage 1980: 130–131, fig. 133
Randall 1981: 199
Ayling & Cox 1982: 65, fig.
Shcherbachev et al. 1982: *
Compagno 1984: 66
Robertson et al. 1984: 11, 22, 24
van den Broek et al. 1984: *
Paul & Heath 1985: 21, pl. 3
Paul 1986: 32, fig.
Smith 1986b: 202–207
Hine et al. 1987: 12
Roberts C 1987a: 158, 160
Hine & Wain 1987b: 552–553
Fenaughty C et al. 1988: 17, 20
Clark M 1988: 417, 420
Clark & King 1989: 6, 8–9, 12–13, 16–19, 28–29, 31, 45–46, 50, 53–56, figs 6–7, 18–21, 49
Fenaughty & Uozumi 1989: 13–14, 16–17, 35, 37, fig. 27
Mulligan & Gauldie 1989: 868, fig. 2c
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 14, 33, fig. 7.7
Amaoka et al. 1990: 69, fig.
Deprez et al. 1990: 384
Roberts C 1991: 16
Summers et al. 1991: *
Sin et al. 1992: 469, 470
Paul et al. 1993: 27, fig.
Cox & Francis 1997: 45, fig.
McClatchie et al. 1997: 665
Paul & Heath 1997b: 3, fig.
Jacob et al. 1998: 2126, 2137, 2139
Francis M & Shallard 1999: 515
Clark et al. 2000: 225
Hine et al. 2000: 58
McClatchie et al. 2000: 185
Paul 2000: 32, fig.

Wetherbee 2000: 189–198, figs 3, 4
Wetherbee & Nichols 2000: *, figs

443 *Deania calcia*
DEEPWATER DOGFISH
Fenaughty & O'Sullivan 1978: 146

444 *Deania calceus*
SHOVELNOSED DOGFISH
Horn 1989: 11
Hatanaka et al. 1989B: 30
Hurst et al. 1990: 49
Tracey et al. 1990: 19, 33
Yano 1993a: 69

445 *Deania histricosa*
ROUGH SHOVELNOSE DOGFISH
Paulin et al. 1989: 14, 33, fig. 7.8

446 *Deania kaikourae*
BRIER SHARK, DORIAN GREY, FLAT-NOSED DOGFISH, THOMPSON'S DEEPSEA DOGFISH, THOMPSON'S SHARK
Whitley 1940a: 146, fig. 161
Richardson & Garrick 1953a: 36, fig. 37
Whitley 1956b: 398
Cowper 1958: 149
Parrott 1958b: 79, 118
Robinson 1959a: 147
Garrick 1960b: 489–490, 515
Whitley 1968a: 11
Shuntov 1979: 72, *

447 *Deania quadrispinosa*
Compagno & Niem & Niem 1998a: 1225, fig.

448 *Deania quadrispinosum*
Paulin et al. 1989: 13, 33, fig. 7.6
Cox & Francis 1997: 48, fig.

449 *Deania*
Bigelow & Schroeder 1948: 451
Garrick & Moreland 1968: 137
Pfeil 1984: 114 [Fossil]

450 *Lepidorhinus squamosus*
Smith 1967: 131–133
Garrick & Paul 1975a: 1481
Golovan 1976: 8

451 SHOVELNOSE DOGFISH
Gilbert et al. 2000: 460, fig. 5

Family Etmopteridae Lanternsharks

Species recognised in 2015:
Centroscyllium kamoharai Abe, 1966 Bareskin dogfish
Etmopterus granulosus (Günther, 1880) Southern lanternshark
Etmopterus lucifer Jordan & Snyder, 1902 Lucifer dogfish
Etmopterus molleri (Whitley, 1939) Blackbelly lanternshark
Etmopterus pusillus (Lowe, 1839) Smooth lanternshark
Etmopterus unicolor (Engelhardt, 1912) Shortspine lanternshark
Etmopterus viator Straube, 2011 Slate lanternshark

452 *Etmopterus abernathyi*
Bigelow & Schroeder 1957: 48, 54, 59, 62
Hine & Wain 1987b: 548

453 *Etmopterus abernethyi*
Garrick 1957a: 171–172, 181–189, figs 3–4
Garrick 1960b: 489, 500, 515
Garrick 1960c: 539, 544
Whitley 1968a: 11
Yamakawa et al. 1986: 198–199
Yano 1988: 421
Hardy 1990: 6

454 *Etmopterus baxteri*
BAXTER'S DOGFISH, BAXTERS LANTERN DOGFISH, DEEPWATER DOGFISH, LANTERN SHARK, NZ LANTERNSHARK
Bigelow & Schroeder 1957: 59, 63
Garrick 1957a: 171–182, 186–187, figs 1–2
Garrick 1960b: 489, 497–500, 515, pl. 26
Garrick 1960c: 519, 539–557
Castle 1961: 16
Springer & Garrick 1964: 92
Whitley 1968a: 11
Iwai et al. 1970: 3
JFA 1972: *
Garrick & Paul 1974b: 1437
JAMARC 1975: 14, *
Garrick & Paul 1975a: 1481
Fenaughty & O'Sullivan 1978: 146
JFA 1978: *
Francis M 1979: 65
Kerstan & Sahrhage 1980: 128, fig. 129
Ayling & Cox 1982: 63
Compagno 1984: 71–72, figs
Robertson et al. 1984: 11, 24
van den Broek et al. 1984: *
Paul & Heath 1985: 23
Smith 1986b: 202–207
Hine & Wain 1987b: 549–553, figs 1–5
Hine et al. 1987: 13
Vlieg 1988: 15, 19, 23, 39, 48
Vlieg & Body 1988: 151–161
Yano 1988: 422

Benson & Smith 1989: fig. 8
Clark & King 1989: 45, 50
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Mulligan & Gauldie 1989: 858, fig. 1a
Paulin et al. 1989: 16, 33, fig. 7.28
Tachikawa et al. 1989: 235–241, fig. 2D
Amaoka et al. 1990: 71, fig.
Deprez et al. 1990: 377–378, 384
Hardy 1990: 6
Tracey et al. 1990: 33
Summers et al. 1991: *
McClatchie et al. 1997: 666
Paul & Heath 1997b: 5
Yano 1997: 61
Jacob et al. 1998: 2126
Clark et al. 2000: 225
Hine et al. 2000: 58
McClatchie et al. 2000: 185
Wetherbee 2000: 195

455 *Etmopterus granulosus*
SOUTHERN LANTERNSHARK
Shcherbachev et al. 1982: 8
Pavlov & Andrianov 1986: 154
Paulin et al. 1989: 33
Tachikawa et al. 1989: 235–241, figs 1, 2
Roberts C 1991: 16
Wetherbee 1996: 1186–1196, figs 1–7
Cox & Francis 1997: 48, fig.
Paul & Heath 1997b: 5
Yano 1997: 61–72, figs 2, 4–9
Wetherbee 2000: 189–198, fig 3, 4
Wetherbee & Nichols 2000: *, figs

456 *Etmopterus lucifer*
BLACKBELLY LANTERNSHARK, DEEPWATER DOGFISH, LUCIFER DOGFISH
Garrick 1956b: 559
Garrick 1960b: 489, 500–502, 515–516
Garrick 1960c: 538–557
Shuntov 1971: 339
JFA 1972: *
Japan, FSFRL 1972: 80, fig.
Garrick & Paul 1975a: 1479, 1481, fig.
Fenaughty & O'Sullivan 1978: 146
JFA 1978: *
Francis M 1979: 65
Kerstan & Sahrhage 1980: 128, fig. 128
Ayling & Cox 1982: 67–68, fig. 63
Shcherbachev et al. 1982: 8–9
Golovan' & Pakhorukov 1983: 14
Compagno 1984: 79
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Paul & Heath 1985: 23, pl. 4
Paul 1986: 33, fig.
Yamakawa et al. 1986: 205
Hine et al. 1987: 13
Roberts C 1987a: 158, 160
Clark M 1988: 417, 420
Fenaughty C et al. 1988: 16
Clark & King 1989: 50
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Horn 1989: 11
Hurst et al. 1990: 49
Paulin et al. 1989: 16, 33, fig. 7.26
Amaoka et al. 1990: 72, figs
Tracey et al. 1990: 33
Roberts C 1991: 16
Paul et al. 1993: 25, fig.
Cox & Francis 1997: 42, 48, fig.
McClatchie et al. 1997: 666
Paul & Heath 1997b: 5, fig.
Compagno & Niem 1998a: 1226, fig.
Jacob et al. 1998: 2126
Paul 2000: 33, fig.
Wetherbee 2000: 191

457 *Etmopterus molleri*
BLACKBELLY LANTERNSHARK
Paulin et al. 1989: 16, 33, fig. 7.27
Amaoka et al. 1990: 73, figs
Yano 1993b: 352
Cox & Francis 1997: 48, fig.
Compagno & Niem 1998a: 1226, fig.

458 *Etmopterus pusillus*
SMOOTH LANTERNSHARK
Kerstan & Sahrhage 1980: 128
Paulin et al. 1989: 13, 33, fig. 7.4
Shirai & Tachikawa 1993: 483–486, figs 1–5
Cox & Francis 1997: 48, fig.

459 *Etmopterus* cf. *pusillus*
SMOOTH LANTERN SHARK
Clark & King 1989: 50

460 *Etmopterus schmidti*
Shcherbachev 1989: 134

461 *Etmopterus unicolor*
BROWN LANTERNSHARK
Yano 1997: 61–72, figs 2, 4–9

462 *Etmopterus*
Garrick 1957b: 31
Natusch 1967: 199
Garrick & Moreland 1968: 137
Pfeil 1984: 113–114 [Fossil]

463 *Etmopterus* sp.
Clark & King 1989: 50
Paulin et al. 1989: 16, 33, fig. 7.29

464 BAXTERS DOGFISH
Gilbert et al. 2000: 460, fig. 5

Family Somniosidae Sleeper sharks

Species recognised in 2015:
Centroscymnus coelolepis Bocage & Capello, 1864 Portuguese dogfish
Centroscymnus macracanthus (Regan, 1906) Roughskin dogfish
Centroscymnus owstonii Garman, 1906 Owston's dogfish
Centroscymnus crepidater (Bocage & Capello, 1864) Longnosed velvet dogfish
Proscymnodon plunketi (Waite, 1910) Plunket shark
Scymnodalatias albicauda Taniuchi & Garrick, 1986 Whitetailed dogfish
Scymnodalatias sherwoodi (Archey, 1921) Sherwood's dogfish
Scymnodon ringens Bocage & Capello, 1864 Knifetooth dogfish
Somniosus antarcticus Whitley, 1939 Southern Pacific sleepershark
Somniosus longus (Tanaka, 1912) Little sleepershark
Zameus squamulosus (Günther, 1877) Velvet dogfish

465 *Centrophorus plunketi*
PLUNKET SHARK
Waite 1910a: 384–386. 3 figs, pl. 37
Waite 1912c: 316
Waite 1914: 127, pl. 3
Phillipps 1927b: 10
Phillipps 1927c: 11
Phillipps 1928b: 225, fig. 7
Thompson 1930: 275, 278
Fowler 1941: 234
Garrick 1955: 227
Bigelow & Schroeder 1957: 88–89
Garrick 1959a: 127
Garrick 1959c: 271–273
Whitley 1967: 174
Taniuchi & Garrick 1986: 127

466 *Centrophorus waitei*
WAITE'S DEEPSEA DOGFISH
Thompson 1930: 277–278, pl. 44
Fowler 1941: 234, 229
Phillipps 1946: 17
Richardson & Garrick 1953a: 35, fig. 38
Garrick 1955: 227
Bigelow & Schroeder 1957: 88
Garrick 1959a: 127
Garrick 1959b: 75, 77
Garrick 1959c: 272
Hardy 1990: 5
Freeman & Tunnicliffe 1997: 5

467 *Centroscymnus coelolepis*
PORTUGUESE DOGFISH
Compagno 1984: 55
Robertson et al. 1984: 11, 24
Paul 1986: 33
Taniuchi & Garrick 1986: 129
Clark M 1988: 417
Clark & King 1989: 12, 46, 50, figs 6–7, 49
Paulin et al. 1989: 15, 33, fig. 7.23
Deprez et al. 1990: 384
Tracey et al. 1990: 19, 33
Summers et al. 1991: *
Yano 1993a: 69
Cox & Francis 1997: 48, fig.
Wetherbee 2000: 191

468 *Centroscymnus crepidater*
BLACK FLATNOSED SHARK, DEEPWATER DOGFISH, LONGNOSE(D) VELVET DOGFISH
Bigelow & Schroeder 1957: 6, 93, 96
Garrick 1959a: 133, 140
Garrick 1959b: 75–80, 84–89, figs 3–4
Garrick 1960b: 506
Garrick 1960c: 539–557
Springer & Garrick 1964: 91
Whitley 1968a: 10
Garrick & Paul 1971b: 8
Garrick & Paul 1975a: 1481
JFA 1978: *
Francis M 1979: 64
Kerstan & Sahrhage 1980: 128, fig. 130
Randall 1981: 199
Ayling & Cox 1982: 67, fig.
Sherbachev et al. 1982: 12
Last et al. 1983: 136, fig.
Compagno 1984: 56
Paul & Heath 1985: 23, pl. 4
Paul 1986: 33, fig.
Pavlov & Andrianov 1986: 154
Smith 1986b: 202–207
Taniuchi & Garrick 1986: 129, fig. 2
Hine et al. 1987: 12
Clark M 1988: 417
Clark & King 1989: 46, 50, fig. 7
Hatanaka et al. 1989B: 30
Paulin et al. 1989: 14, 33, fig. 7.10
Amaoka et al. 1990: 67, figs
Tracey et al. 1990: 33
Roberts C 1991: 16
Paul et al. 1993: 25, fig.
Cox & Francis 1997: 48, fig.
McClatchie et al. 1997: 665
Paul & Heath 1997b: 4, fig.
Jacob et al. 1998: 2126, 2137
Clark et al. 2000: 225
McClatchie et al. 2000: 185, 186
Paul 2000: 33, fig.
Wetherbee 2000: 189–198, figs 3, 4
Wetherbee & Nichols 2000: *, figs

469 *Centroscymnus crepidator*
JFA 1972: *

JAMARC 1975: 14, *
Robertson et al. 1984: 11, 24
van den Broek et al. 1984: *
Hine & Wain 1987b: 552–553, fig. 6b
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Mulligan & Gauldie 1989: 858, fig. 1h(H)

470 *Centroscymnus macracanthus*
ROUGHSKIN DOGFISH
Cox & Francis 1997: 48, fig.

471 *Centroscymnus owstoni*
OWSTON'S DOGFISH, OWSTON'S SPINY DOGFISH, SMOOTHSKIN DOGFISH
JFA 1978: *
Kerstan & Sahrhage 1980: 128, fig. 131
Shcherbachev et al. 1982: 12
Last et al. 1983: 137, fig.
Yano & Tanaka 1983: 213, fig. 3
Compagno 1984: 59
Roberts C 1987a: 158, 160
Clark M 1988: 417, 420
Clark & King 1989: 6, 46, 50, figs 6–7, 49
Hatanaka et al. 1989B: 30
Mulligan & Gauldie 1989: 860–861, figs 1f, g
Paulin et al. 1989: 15, 33, fig. 7.22
Tracey et al. 1990: 19, 33
Summers et al. 1991: *
Yano 1993a: 69
Cox & Francis 1997: 48, fig.
McClatchie et al. 1997: 665
Clark et al. 2000: 225
Hine et al. 2000: 57
Wetherbee 2000: 189–198, figs 3, 4
Wetherbee & Nichols 2000: *, figs

472 *Centroscymnus owstonii*
OWSTON'S SPINY DOGFISH, ROUGHSKIN DOGFISH
Garrick 1956b: 559
Garrick 1959b: 75, 77–84, 88, figs 1–2
Garrick 1959c: 274
Garrick 1960b: 506
Garrick 1960c: 538–557
Whitley 1968a: 10
Garrick & Paul 1971b: 8
Garrick & Paul 1975a: 1481
Francis M 1979: 64
Randall 1981: 199
Ayling & Cox 1982: 66, fig.
Robertson et al. 1984: 11, 24
Paul 1986: 33
Taniuchi & Garrick 1986: 129, fig. 2
Fenaughty C et al. 1988: 7, 16, 20
Fenaughty & Uozumi 1989: 35, 37
Amaoka et al. 1990: 68, figs

473 *Centroscymnus plunketi*
PLUNKET'S DOGFISH, PLUNKET'S SHARK
Bigelow & Schroeder 1957: 86, 90, 96, 103
Garrick 1959b: 76, 89
Compagno 1984: 60
Clark & King 1989: 45–46, 50
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989B: 30
Mulligan & Gauldie 1989: 858, fig. 1i(I)
Deprez et al. 1990: 378
Summers et al. 1991: *
Cox & Francis 1997: 48, fig.
Clark et al. 2000: 225

474 *Centroscymnus (Proscymnodon) plunketi*
LORD PLUNKET'S SHARK
Whitley 1956b: 398
87 *Centroscymnus waitei*
Waite's deep-sea dogfish
Garrick 1955: 227–239, figs 1–2
Garrick 1956b: 559
Bigelow & Schroeder 1957: 87, 96
Olsen 1958: 155
Parrott 1958b: 118
Garrick 1959a: 131
Garrick 1959b: 75
Garrick 1959c: 271–276, 280, fig. 1

475 *Centroscymnus (Proscymnodon) waitei*
WAITE'S SHARK
Whitley 1956b: 398

476 *Centroscymnus*
Graham J 1963: 167
Natusch 1967: 199
Fenaughty & Uozumi 1989: 13–14, 16
Pfeil 1984: 114 [Fossil]

477 *Centroselachus*
Pfeil 1984: 114 [Fossil]

478 *Proscymnodon plunketi*
LORD PLUNKET'S SHARK
Whitley 1940a: 142–143, fig. 155

479 *Proscymnodon waitei*
WAITE'S DEEPSEA DOGFISH
Whitley 1940a: 143, fig. 156
Garrick 1955: 227

480 *Proscymnodon*
Bigelow & Schroeder 1957: 89
Garrick 1959c: 271–272

481 *Scymnodalatias albicauda*
WHITETAILED DOGFISH
Kukuyev & Konovalenko 1988: 122, fig. 3
Paulin et al. 1989: 15, 33, fig. 7.17
Hardy 1990: 6

482 *Scymnodalatias sherwoodi*
SHERWOOD'S DOGFISH, SHERWOOD'S SHARK
Garrick 1956b: 558–571, figs 1–2
Whitley 1956: 398

Bigelow & Schroeder 1957: 125–126
Parrott 1958b: 79, 112
Garrick 1960c: 519, 539–557
Springer & Garrick 1964: 92
Parin 1966: 189
Natusch 1967: 199, fig. 57
Whitley 1968a: 10
Garrick & Paul 1974b: 1434–1441
Garrick & Paul 1975a: 1481
Ayling & Cox 1982: 71, fig.
Compagno 1984: 97, figs
Kukuyev & Konovalenko 1988: 122, fig. 3
Mulligan & Gauldie 1989: 860–861, fig. 1k
Paulin et al. 1989: 15, 33, fig. 7.18
Cox & Francis 1997: 49, fig.

483 *Scymnodalatius*
Natusch 1967: 199, fig. 57
Garrick & Moreland 1968: 137

484 *Scymnodon albicauda*
Taniuchi & Garrick 1986: 120–126, figs 1–2

485 *Scymnodon crepidator*
Garrick 1957b: 31

486 *Scymnodon foliaceus*
DEEP SEA DOGFISH
Garrick 1957b: 30
Garrick 1959a: 127

487 *Scymnodon macracanthus*
ROUGHSKIN DOGFISH
Paulin et al. 1989: 16, 33, fig. 7.24

488 *Scymnodon plunketi*
BROWN DOGFISH, DEEP-SEA DOGFISH, LORD PLUNKET'S SHARK, PLUNKET'S SHARK
Garman 1913: 210
Phillipps 1930: 479
Fowler 1941: 228
Phillipps 1946: 17, fig. 6
Bigelow & Schroeder 1953: 232
Fyfe 1953: 187–190
Richardson & Garrick 1953a: 35, fig. 35
Garrick 1955: 231
Garrick 1956b: 559
Garrick 1957a: 30–31
Parrott 1958b: 113, 117–118, figs
Garrick 1959c: 271–281, figs 1–3
Manter 1960: 197
Garrick 1960b: 492, 503, 506
Garrick 1960c: 539–557
Robinson 1961: 237–238, 263
Stead 1963: 121
Natusch 1967: 199, fig. 57
Smith 1967: 133
Whitley 1968a: 10
Hewitt & Hine 1972: 75
Garrick & Paul 1975a: 1479–1481, fig.
JFA 1978: *
Francis M 1979: 64
Ayling & Cox 1982: 66, fig
Last et al. 1983: 139, fig.
Robertson et al. 1984: 24
Yano & Tanaka 1984: 341–342, 350–351, fig. 7
Paul 1986: 32
Taniuchi & Garrick 1986: 123, 129, 131–132, fig. 2
Hine & Wain 1987b: 552–553, fig. 6c
Hine et al. 1987: 12
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 14, 33, fig. 7.11
Amaoka et al. 1990: 75, fig.
Tracey et al. 1990: 33
McClatchie et al. 1997: 667
Jacob et al. 1998: 2126
Hine et al. 2000: 53
Wetherbee 2000: 192, 194, 195, 196, figs 3, 4
Wetherbee & Nichols 2000: *, figs

489 *Scymnodon sherwoodi*
SHERWOOD'S DOGFISH, SHERWOOD'S SHARK
Archey 1921: 195–196, pl. 39
Archey 1927: 193
Phillipps 1927b: 10
Phillipps 1927c: 11
Phillipps 1928b: 225–226, fig. 6
Whitley 1940a: 150, figs 165–166
Fowler 1941: 227
Phillipps 1946: 17
Bigelow & Schroeder 1953: 232
Richardson & Garrick 1953a: 35, fig. 34
Garrick 1956b: 555–571, figs 1–2
Taniuchi & Garrick 1986: 119, 122, 124–126, fig. 2
Hardy 1990: 6
Freeman & Tunnicliffe 1997: 5

490 *Scymnodon ringens*
Paulin et al. 1989: 14, 33, fig. 7.12
Cox & Francis 1997: 49, fig.

491 *Scymnodon squamulosus*
Compagno 1984: 101
Compagno & Niem 1998a: 1228, fig.
Wetherbee 2000: 191

492 *Scymnodon waitei*
Bigelow & Schroeder 1953: 232
Bigelow & Schroeder 1957: 90

493 *Scymnodon*
Bigelow & Schroeder 1948: 451
Garrick 1959b: 75–77, 89

494 *Scymnodon* sp.
Paulin et al. 1989: 16, 33, fig. 7.25

495 *Somniosus antarcticus*
SLEEPER SHARK
Phillipps 1946: 20
Richardson & Garrick 1953a: 36, fig. 43

Garrick 1956b: 559–562, 569–570
Whitley 1956b: 398
Whitley 1968a: 11
Garrick & Paul 1975a: 1481, 1482
Scott E 1976: 160
Francis M et al. 1988: 402–403, 407–408

496 *Somniosus brevipinna*
Whitley 1968a: 3

497 *Somniosus pacificus*
Francis M et al. 1988: 402–408, figs 1–4
Paulin et al. 1989: 15, 33, fig. 7.21
Cox & Francis 1997: 49, fig.

498 *Somniosus rostratus*
LITTLE SLEEPERSHARK
Parin 1966: fig. 4
Francis M et al. 1988: 402–408, figs 2–4
Paulin et al. 1989: 15, 33, fig. 7.19
Cox & Francis 1997: 49, fig.

499 *Somniosus*
Garrick 1956a: 15
Garrick & Moreland 1968: 137
Whitley 1968a: 3

500 *Somniosus* sp.
Mulligan & Gauldie 1989: 858, fig. 1e(E)

501 *Somnolentus*
Whitley 1968a: 3

502 *Zameus squamulosus*
Taniuchi & Garrick 1986: 122–123, 129–130, fig. 3
Paulin et al. 1989: 14, 34, fig. 7.13
Roberts C 1991: 16
Cox & Francis 1997: 49, fig.

503 LONGNOSE VELVET DOGFISH
Gilbert et al. 2000: 460, fig. 5

Family Dalatiidae Kitefin sharks

Species recognised in 2015:
Dalatias licha (Bonnaterre, 1788) Seal shark
Euprotomicrus bispinatus (Quoy & Gaimard, 1824) Pygmy shark
Isistius brasiliensis (Quoy & Gaimard, 1824) Cookiecutter shark

504 *Dalathias licha*
BLACK SHARK
Fenaughty & O'Sullivan 1978: 146

505 *Dalatias licha*
BLACK SHARK, BROWN SHARK, SEAL SHARK
Waite 1907: 8
Thomson G 1913: 235
Thomson & Anderton 1921: 69
Fowler 1930: 497
Bigelow & Schroeder 1948: 501, 506
Richardson & Garrick 1953a: 23, 36, fig. 42
Bigelow & Schroeder 1955: 10
Garrick 1956b: 559–560, 569
Bigelow & Schroeder 1957: 115
Garrick 1960b: 489, 506, 510–514, 516, figs 7–8
Garrick 1960c: 539–557
Manter 1960: 197
Alexander 1963: 119, 139
Parin 1966: 189
Natusch 1967: 199, fig. 57
Lewis 1969: 715–724
Hewitt & Hine 1972: 72
JFA 1972: *
Garrick & Paul 1975a: 1481, 1482, fig.
JAMARC 1975: 14, *
JFA 1978: *
Francis M 1979: 65
Kerstan & Sahrhage 1980: 128–130, fig. 132
Ayling & Cox 1982: 68–69, fig.
Shcherbachev et al. 1982: 13
Compagno 1984: 64
Keyes 1984: 203, 209–212, figs
Robertson et al. 1984: 11, 24
Paul & Heath 1985: 23, pl. 4
Paul 1986: 33, fig.
Hine & Wain 1987b: 548
Hine et al. 1987: 13
Clark M 1988: 417
Fenaughty C et al. 1988: 7, 16, 20
Clark & King 1989: 45, 50, figs 7, 49
Fenaughty & Uozumi 1989: 35, 37
Mulligan & Gauldie 1989: 858, fig. 1j
Amaoka et al. 1990: 70, fig.
Deprez et al. 1990: 384
OECD 1990: 244
Fordyce 1991: 1216
Summers et al. 1991: *
Sin et al. 1992: 469, 470
Paul et al. 1993: 25, fig.
Cox & Francis 1997: 42, 49, fig.
Paul & Heath 1997b: 6, fig.
Compagno & Niem 1998a: 1225, fig.
Francis M & Shallard 1999: 515
Hine et al. 2000: 57
Paul 2000: 33, fig.
Wetherbee 2000: 192, 194, 195, 196, figs 3, 4
Wetherbee & Nichols 2000: *, figs

506 *Dalatias lichia*
Gill 1893: 110
Hutton 1904c: 54

507 *Dalatias phillippsi*
BLACK SHARK
Fowler 1941: 268
Phillipps 1946: 19
Bigelow & Schroeder 1948: 501
Richardson & Garrick 1953a: 36
Parrott 1958b: 79, 110–112, fig.
Garrick 1960b: 489, 516
Shuntov 1979: 72, *

508 *Dalatias*
Gaskin & Cawthorn 1967: 156, 161, 165
Garrick & Moreland 1968: 137
Pfeil 1984: 107–109, 113–114, pl. 1 fig. 3 [Fossil]

509 *Euprotomicrus bispinatus*
BLACK SHARK, DWARF PELAGIC SHARK, PIGMY SHARK
Waite 1912c: 316
Garman 1913: 235
Waite 1916a: 49
Phillipps 1927b: 10
Phillipps 1927c: 11
Fowler 1928: 24
Phillipps 1928b: 224–225, fig. 5
Fowler 1930: 497
Whitley 1934: 200
Whitley 1940a: 102, 150
Fowler 1941: 264–265
Hubbs & McHugh 1951: 160
Garrick 1956b: 558–559, 569
Whitley 1956b: 398
Bigelow & Schroeder 1957: 128
Parin 1964: 172–177, figs 2–3
Parin 1966: 187
Hubbs, Iwai & Matsubara 1967: 4, figs, pls.
Whitley 1968a: 9
Garrick & Paul 1975a: 1481, 1482, fig.
Seigel 1978: 606
Ayling & Cox 1982: 70, fig.
Compagno 1984: 90
Paulin et al. 1989: 15, 33, fig. 7.15
Cox & Francis 1997: 49, fig.

510 *Euprotomicrus labordii*
Waite 1907: 8

511 *Euprotomicrus*
Hutton 1872: 81
Hutton 1873b: 271
Bigelow & Schroeder 1948: 500

Family Oxynotidae Prickly dogfishes

Species recognised in 2015:
Oxynotus bruniensis (Ogilby, 1893) Prickly dogfish

518 *Centrina bruniensis*
Hutton 1896: 318

512 *Isistius brasiliensis*
CIGAR SHARK, COOKIE-CUTTER SHARK
Parin 1964: 164–72, figs 1–2
Ayling & Cox 1982: 70
Paulin et al. 1989: 14, 33, fig. 7.14
Cox & Francis 1997: 52, 54, figs

513 *Scimnus phillippsi*
BLACK SHARK
Whitley 1968a: 10

514 *Scymnorhinus licha*
BLACK SHARK, SEAL SHARK, SHORT-NOSED DOGFISH
McCulloch 1914: 78, 81–84, pl. 14
Waite 1914: 127–128, pl. 4
Phillipps 1927b: 9
Phillipps 1927c: 11
Phillipps 1928b: 224, fig. 4
McCulloch 1929: 19
Phillipps 1930: 499
Phillips 1946: 19
Hatanaka et al. 1989B: 30
Hurst et al. 1990: 49
Tracey et al. 1990: 33
Paulin et al. 1989: 15, 33, fig. 7.16
Fordyce 1991: 1216 [Fossil]
Hickford et al. 1997: 252, 255, 258, fig. 3
McClatchie et al. 1997: 667
Jacob et al. 1998: 2126

515 *Scymnorhinus phillippsi*
BLACK SHARK
Whitley 1940a: 151
Phillipps 1946: 19
Whitley 1956b: 398
Garrick 1960b: 510

516 *Scymnus lichia*
Parker 1883e: 222–234, pls 31–32
Parker 1886c: 208–209, fig. 2
Parker 1886d: 713, pl. 37
Sherrin 1886: 115, 125, 298
Davis 1888a: 315
Hutton 1890: 276
Waite 1914: 128
Garrick 1960b: 510

517 *Scymnus*
Parker 1883d: 219, 223
Whitley 1940a: 124

519 *Centrina salviana*
Hutton 1890: 276
Hutton 1896: 318
Fowler 1941: 263

520 *Centrina salviani*
Morton 1894: 211

521 *Oxynotus bruniensis*
PRICKLY DOGFISH, PRICKLY SPINY DOGFISH, PRICKLY SHARK, SPINY DOGFISH, SPINY DOGFISH SHARK
Hutton 1904c: 54
Waite 1907: 8
Thomson JA 1918a: 5–6, fig. 1
Phillipps 1927b: 9
Phillipps 1927c: 11
Phillipps 1928b: 222, fig. 2
Fowler 1930: 495
Whitley 1940a: 142, fig. 154
Fowler 1941: 263
Phillipps 1946: 18–19
Richardson & Garrick 1953a: 35, fig. 41
Whitley 1956b: 398
Bigelow & Schroeder 1957: 14, 16
Parrott 1958b: 79, 113, 116–117, fig.
Garrick 1960b: 489, 502–510, 515, figs 4–6
Garrick 1960c: 519, 538, 540–557
Graham J 1963: 167
Stead 1963: 125, fig. 37
Natusch 1967: 199, fig. 57
Whitley 1967: 174
Whitley 1968a: 9
Iwai et al. 1970: 2
Japan, DSTA 1971: 66, *
Japan, FSFRC 1972: 80, fig.
JAMARC 1975: 14, *
Garrick & Paul 1975a: 1479, 1481, fig.
JFA 1978: *
Fenaughty & O'Sullivan 1978: 146
Francis M 1979: 64
Shuntov 1979: 72, *
Ayling & Cox 1982: 63, fig.
Last et al. 1983: 141, fig.
Compagno 1984: 125
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Paul & Heath 1985: 21, pl. 3
Yano & Murofushi 1985: 129, 131–132, 134
Paul 1986: 32, fig.
Beverley-Burton et al. 1987: 965
Hine & Wain 1987b: 551–553, fig. 6a
Hine et al. 1987: 11
Hurst & Bagley 1987: 42
Clark & King 1989: 50
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Mulligan & Gauldie 1989: 858, fig. 1l
Paulin et al. 1989: 16–17, 34, fig. 8.1
Amaoka et al. 1990: 74, fig.
Roberts C 1991: 16
Paul et al. 1993: 27, fig.
Cox & Francis 1997: 42, fig.
McClatchie et al. 1997: 667
Paul & Heath 1997b: 7, fig.
Jacob et al. 1998: 2126, 2136
Hine et al. 2000: 58
Paul 2000: 32, fig.

522 *Oxynotus centrina*
Gill 1893: 110
Waite 1912c: 316
Phillipps 1930: 499

523 *Oxynotus*
Garrick 1956a: 16, fig. 10
Garrick & Moreland 1968: 137

References to 'SHARK'

524 SHARK, MANGO
Polack 1838: 101–102
Sherrin 1886: 101, 109–115, 118–119, 126, 128
Thomson G 1890: 356, 358, 360, 362–363, 365, 375
Colenso 1892: 446–449, 462
Thomson G 1892: 215
Hector 1902b: 563
Drummond & Hutton 1905: 71
Hamilton A 1908: 3, 38, 71
Matthews 1911: 598–602
Archey 1927: 190–191
Best 1929: 1, 10, 43, 48–51, 63, 69, 72
Poata 1929: 12
Cunningham 1937: 898–899
Whitley 1937b: 154, fig.
Graham D 1939a: 423
Whitley 1940a: 56–57, 60, fig. 45
Cunningham & Scott 1944: 21–22, 24
Anon n.d. (1947?)b: 23, 28
Phillipps 1947: 42–46, 48–51
Shorland 1948b: 117
Cunningham 1949: 90–93
Cunningham M et al. 1949: 216, 218–219, 221
Phillipps 1949a: 219
Shorland 1949a: 6
Wright 1950: 171
Richardson L 1952: 90
Garrick 1956a: 13
Graham D 1956: 29, 32, 379
Yaldwyn 1957a: 44
Moreland 1959: 29
Doogue & Moreland 1961: 286
Moreland 1961: 72–73
Keene 1963: 30, 32–36
Phillipps 1964: 74
Fisher 1965: 112
Moreland 1965: 125–126
Sorensen 1965: 122

Cunningham 1966: (1) 679
McLintock 1966: (3) 709
Paul 1966c: (1) 676–678
Powell 1966: (1) 568
Gaskin & Cawthorn 1967: 159–160
Heath & Moreland 1967: 52
Kjellström & Mitchell 1977: 124
Anderson A 1997: 21

Subdivision BATOIDEA

Order RHINOBATIFORMES Guitarfishes

Family Rhinobatidae Guitarfishes

Note: Recorded in error from New Zealand. See Garrick & Paul (1971c).

525 *Aptychotrema banksii*
COMMON SHOVEL NOSE RAY, SHOVEL NOSE
Fowler 1941: 322–324
Richardson & Garrick 1953a: 27
Stead 1963: 142, fig. 45
Garrick & Paul 1971c: 1–3

526 *Rhinobates (Syrrhina) banksii*
Richardson J 1843a: 29

527 *Rhinobatis banksii*
Hutton 1890: 276

528 *Rhinobatis*
Gunther 1880b: 285

529 *Rhinobatus banksii*
Hutton 1872: 82
Sherrin 1886: 127, 299
Gill 1893: 109, 111
Garrick & Paul 1971c: 2

530 *Rhinobatus (Syrrhina) banksii*
Richardson & Gray 1843: 227

531 *Trygonorhina fasciata*
FIDDLER [RAY]
Richardson & Gray 1843: 227
Richardson J 1843a: 29
Hutton 1872: 82–83
Gunther 1880b: 285
Sherrin 1886: 127–128, 299
Hutton 1890: 276
Gill 1893: 109, 111
Garrick & Paul 1971c: 1–3

532 *Trygonorrhina*
Garrick 1954a: 120

533 *Trygonorrhina fasciata*
AUSTRALIAN FIDDLER, BANJO SHARK, FIDDLER RAY
Phillipps 1929d: 102–103, fig. 4
Whitley 1940a: 173
Fowler 1941: 325–327
Richardson & Garrick 1953a: 27, fig. 10
Stead 1963: 143, 151, fig. 46

Order TORPEDINIFORMES Electric rays

Family Torpedinidae Electric rays

Species recognised in 2015:
Tetronarce fairchildi (Hutton, 1872) Electric ray
Tetronarce cf. tokionis (Tanaka, 1908) Slender electric ray

534 *Narcobatis fairchildi*
TORPEDO RAY
Benham 1938: 57

535 *Narcobatus fairchildi*
ELECTRIC RAY, NUMBFISH, SOUTHERN NUMBFISH, TORPEDO RAY
Waite 1912c: 316
Thomson & Anderton 1921: 69
Phillipps 1927b: 10
Phillipps 1927c: 11
McCulloch 1929: 25
Phillipps 1929d: 98–99
Hefford 1936: 71
Phillipps 1947: 45, 51
Powell 1951: 63, fig. 303
Richardson & Garrick 1953a: 27
Manter 1954: 559
Graham D 1956: 94
Manter 1960: 197
Powell 1966: (3)55, one fig.

536 *Narcobatus*
Waite 1909b: 145

537 *Narcacion fairchildi*
NUMBFISH
Waite 1907: 8
Waite 1909b: 131, 133–136, pl. 17
Garman 1913: 310
Thomson G 1913: 234
Richardson & Garrick 1953a: 27

538 *Narcacion fusca*
Waite 1907: 8

539 *Notastrape fairchildi*
ELECTRIC RAY
Whitley 1940a: 162, figs 182–183
Prior & Marples 1945: 343
Richardson & Garrick 1953a: 27
Whitley 1956b: 398
Whitley 1968a: 12

540 *Torpedo fairchildi*
DEEP WATER NUMBFISH, ELECTRIC SKATE, ELECTRIC RAY, LONGTAILED ELECTRIC RAY, NUMBFISH, TORPEDO
Hector 1872: 121, pl. 12
Hutton 1872: 83
Hamilton 1883: 465
Parker 1883a: 479
Parker 1884b: 281–283
Robson 1884: 27, 123–124
Sherrin 1886: 127, 299
Hutton 1890: 276
Gill 1893: 111
Hutton 1904c: 53
Waite 1909b: 144
Thomson G 1913: 234
Thomson & Anderton 1921: 69
Phillipps 1929d: 98–99, 102, fig. 1
Fowler 1930: 499
Whitley 1932b: 327
Young MR 1938: *
Fowler 1941: 345–346
Garrick 1951: 1, pl. 1
Bigelow & Schroeder 1953: 92, 95–96
Richardson & Garrick 1953a: 27, fig. 12
Robinson 1959a: 147
Bullis 1962: 65
Alexander 1963: 121–122, 138, 140
Graham J 1963: 167
Stead 1963: 148–149, fig. 48
Dillon & Hargis 1965a: 223, 237, 239
McKay 1966: 73
McLintock 1966: (3) 709
Heath & Moreland 1967: 14, fig. 14
Natusch 1967: 202, fig. 59
Tong & Elder 1968: 63, 66
Iwai et at 1970: 3
Garrick & Paul 1971c: 1
Andrews 1972: 2
Hewitt & Hine 1972: 76
Japan, FSFRL 1972: 80, fig.
JFA 1972: *
Garrick & Paul 1975c: 1601–1608, fig.
Russell 1975: 305
Wei et al. 1976: 57
Korea, FRDA 1978: 64, *
Francis M 1979: 65
Shuntov 1979: 71, *
Thompson 1981: 17, 37–38 (figs), 307
Ayling & Cox 1982: 74, fig.
Gunson 1983: 169 fig.
Paul et al. 1983: 11
Robertson et al. 1984: 24
Paul 1986: 35, fig.
Hine et al. 1987: 14
Hine & Wain 1987c: 558–559
Clark M 1988: 417
Clark & King 1989: 50
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Paulin et al. 1989: 26, 34, fig. 21.1
Amaoka et al. 1990: 78, fig.
Hurst et al. 1990: 49
Roberts C 1991: 3, 5, 16
Paul et al. 1993: 35, fig.
Russell 1996: 220–221, fig. 2
Cox & Francis 1997: 47, 60, fig.
McClatchie et al. 1997: 667
Paul & Heath 1997b: 17, fig.
Jacob et al. 1998: 2126, 2137, 2138
Paulin & Roberts 1998: 165
Hine et al. 2000: 44
Paul 2000: 35, fig.

541 *Torpedo fusca*
Parker 1883a: 478–479
Parker 1884b: 281–284, pl. 22
Sherrin 1886: 127, 299
Hutton 1890: 276
Gill 1893: 111
Gascoyne 1895: 672
Hutton 1904c: 53
Thomson G 1906: 552
Waite 1909b: 144
Thomson G 1913: 234
Thomson & Anderton 1921: 69
Whitley 1940a: 162
Richardson & Garrick 1953a: 27

542 *Torpedo macneilli*
Bigelow & Schroeder 153: 95
JFA 1978: *

543 *Torpedo marmorata*
TORPEDO
Hutton 1872: 83

544 *Torpedo*
NUMBFISH
Hutton 1873a: 241, 251
Hutton 1874b: 86, 96
Gunther 1880b: 285

Sherrin 1886: 126
Benham 1944: 20
Prior & Marples 1945: 344–345, 347–349, fig. 3

Family Narkidae Numbfishes

Species recognised in 2015:
Typhlonarke aysoni (Hamilton, 1902) Ayson's numbfish
Typhlonarke tarakea Phillipps, 1929 Numbfish

545 *Astrape aysoni*
Hamilton 1902b: 224–226, pls. 10–12
Hutton 1904c: 53
Thomson G 1906: 552
Waite 1907: 8
Waite 1909a: 47
Waite 1909b: 131
Thomson G 1913: 234–235

546 *Astrape*
Garrick 1951: 1

547 *Narke (Astrape)*
Waite 1909b: 131, 146–147

548 *Typhlonarke aysoni*
BLIND NUMBFISH, BLIND ELECTRIC RAY, BLIND TORPEDO RAY, CRAMP FISH, ELECTRIC SKATE, NUMBFISH, TORPEDO RAY
Waite 1909b: 131, 146–147, pl. 18
Waite 1912c: 316
Thomson G 1913: 234–235
Thomson & Anderton 1921: 69
Archey 1927: 193
Phillipps 1927b: 10
Phillipps 1927c: 11
Phillipps 1929d: 100–101, fig. 2
Fowler 1930: 500
Hefford 1936: 71
Whitley 1940a: 163, fig. 184
Fowler 1941: 353
Prior & Marples 1945: 343
Phillipps 1949b: 289
Garrick 1951: 1–2, 4–5, fig. 1, pl. 1
Richardson & Garrick 1953a: 28, fig. 13
Graham D 1956: 90–94, one fig.
Whitley 1956b: 398
Alexander 1963: 130, 138
Natusch 1967: 202
Whitley 1968a: 12
Iwai et al. 1970: 3–4
Hewitt & Hine 1972: 76
JFA 1972: *
Japan, FSFRL 1972: 81, fig.
Garrick & Paul 1975c: 1601–1608, fig.
JAMARC 1975: 14, *
JFA 1978: *
Korea, FRDA 1978: 64, *
Francis M 1979: 65
Ayling & Cox 1982: 75, 3 pl.
Hurst & Bagley 1987: 42
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Paulin et al. 1989: 27, 34, fig. 22.1
Amaoka et al. 1990: 79, fig.
Roberts C 1991: 16
Cox & Francis 1997: 60, fig.
Hine et al. 2000: 44

549 *Typhonarke aysoni*
BLIND NUMBFISH
Graham D 1938: 401

550 *Typhlonarke tarakea*
BLIND ELECTRIC RAY, ELECTRIC RAY, NUMBFISH, OVAL BLIND ELECTRIC RAY
Phillipps 1929d: 101–102, fig. 3
Whitley 1940a: 163, fig. 185
Phillipps 1949b: 289
Garrick 1951: 1–2, 5–6, fig. 1, pl. 1
Richardson & Garrick 1953a: 28, fig. 14
Whitley 1956b: 398
Alexander 1963: 138
Natusch 1967: 202
Whitley 1968a: 12
Garrick & Paul 1975c: 1601–1608, fig.
Francis M 1979: 65
Ayling & Cox 1982: 75
Paulin et al. 1989: 27, 34, fig. 22.2
Hardy 1990: 6
Cox & Francis 1997: 60, fig.

551 *Typhlonarke*
BLIND ELECTRIC RAY, ELECTRIC RAY
Garrick 1954a: 127–128, 130
Garrick 1957b: 31
McLintock 1966: (3) 709
Natusch 1967: 202, fig. 59
Paul 1986: 35
McClatchie et al. 1997: 667
Jacob et al. 1998: 2126, 2136
Paul 2000: 35

552 BLIND NUMBFISH
Graham D 1939a: 433

Order RAJIFORMES Skates

Family Rajidae Hardnose skates

Species recognised in 2015:
Amblyraja hypoborea (Collett, 1879) Thorny skate
Dipturus innominatus (Garrick & Paul, 1974) Smooth skate
Dipturus nasuta (Müller & Henle, 1841) Rough skate

553 *Raia fasciata*
Parkinson: 1.t.47

554 *Raia macrocephala*
Parkinson: 1.t.48
Taylor 1870: 627

555 *Raia nasuta*
Richardson & Gray 1843: 227
Richardson J 1843a: 29
Taylor 1870: 627
Thomson G 1878: 326
Gill 1893: 111
Parkinson: i.t. 44
Hutton 1904c: 53
Thomson G 1906: 552
Garman 1913: 366–367
Rendahl 1926: 1
Richardson L 1949a: 4
Manter 1954: 534

556 *Raia rostrata*
STINGY RAY
Parkinson : 1.t.45
Taylor 1855: 412

557 *Raiia nasuta*
SKATE
Cunningham 1935: 563–567

558 *Raja hyperborea*
ARCTIC SKATE
Cox & Francis 1997: 61, fig.

559 *Raja naduta*
ROUGH SKATE
Japan, DSTA 1971: 66, *

560 *Raja australis*
ROUGH SKATE, SKATE, SPOTTED SKATE
Richardson & Garrick 1953a: 28
Doogue & Moreland 1961: 192–193, one fig.
Graham J 1963: 167
Powell 1966: (3) 256–257, one fig.
Heath & Moreland 1961: 14, fig. 11
Sorenson 1970: 43, fig. 39
Webb 1972b: 3, 11, 16
Garrick & Paul 1974a: 345, 346

561 *Raja fusca*
Korea, FRDA 1978: 64, *

562 *Raja georgiana*
Hatanaka et al. 1989A: 51
Roberts C 1991: 16

563 *Raja* cf. *R. georgiana*
Amaoka et al. 1990: 85, fig.

564 *Raja innominata*
SMOOTH SKATE
Garrick & Paul 1974a: 345, 357–360, figs 1, 6, 7
Garrick & Paul 1975c: 1602–1608, fig.
Paul et al. 1983: 11
Ayling & Cox 1982: 76, fig.
van den Broek et al. 1984: *
Paul & Heath 1985: 25, pl. 5
Paul 1986: 35, fig.
Hine & Wain 1987c: 558–559
Hine et al. 1987: 14
Hurst & Bagley 1987: 42
Clark M 1988: 417
Clark & King 1989: 50
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Horn 1989: 11
Mulligan & Gauldie 1989: 858, fig. 2e(E)
Paulin et al. 1989: 28, 35, fig. 24.5
Amaoka et al. 1990: 86, fig.
Hardy 1990: 6
Hurst et al. 1990: 17, 28, 49–50
OECD 1990: 263
Tracey et al. 1990: 33
Roberts C 1991: 3, 4, 16
Paul et al. 1993: 33, fig.
Bonfil 1994: 61
Cox & Francis 1997: 61, fig.
Hickford et al. 1997: 253
McClatchie et al. 1997: 667
Paul & Heath 1997b: 19, fig.
Francis M 1998: 586, fig. 5
Jacob et al. 1998: 2126, 2138
Paulin & Roberts 1998: 165
Francis M & Shallard 1999: 515, 524, fig. 4
Paul 2000: 35, fig.

565 *Raja lemprieri*
SKATE
Fowler 1941: 357, 368–369
Richardson & Garrick 1953a: 28, fig. 16
Garrick 1961a: 744
Natusch 1967: 202
Garrick & Paul 1974a: 345

566 *Raja naduda*
ROUGH SKATE
Japan, DSTA: 66, *

567 *Raja nasuta*
LONG NOSE SKATE, ROUGH SKATE. SKATE, SMOOTH SKATE
Gunther 1870: Vol. 8, 469
Hector 1872: 121
Hutton 1872: 84
Hutton 1875a: 132
Hutton 1876: 216
Thomson G 1877: 185
Thomson G 1879: 382
Parker 1881: 413–418, pl. 15
Hector 1884bb: 55
Hector 1886a: 28
Sherrin 1886: 89–90, 127, 299
Hutton 1890: 276
Thomson G 1890: 374, 375
Thomson G 1892: 214
Parkinson : Vol. 1, No. 44
Waite 1907: 9
Waite 1909b: 131, 148–150, pls. 19, 21
Waite 1911c: 261
Phillipps 1921a: 123, 125
Thomson & Anderton 1921: 69, 96, 99
Phillipps 1927b: 10
Phillipps 1927c: 11
Phillipps 1929: 103–104, fig. 5
Young 1929: 140
Fowler 1930: 500
Benham 1934: 31
Benham 1935: 21
Norman 1935: 3
Hefford 1936: 71
Shorland 1937: 223–224
Benham 1938: 57
Graham D 1938: 401
Graham D 1939b: 362
Fowler 1941: 381–382
Benham 1944: 19–20
Prior & Marples 1945; 343–345, 347–3450, 353, 355–357, figs 2–4
Phillipps 1948: 128
Shorland 1948b: 117
Shorland 1950: 37
Cunningham 1951: 76
Laird 1951: 293, 306
Powell 1951: 63, fig. 302
Richardson & Garrick 1953a: 28, fig. 15
Manter 1954: 559
Kaberry 1957: 90
Robinson 1959b: 381
Garrick 1961a: 744
Robinson 1961: 240–241, 263
Beaglehole 1962: 7, Vol. 2
Alexander 1963: 127–128, 132 135–138
Graham J 1963: 167
Stead 1963: 153–154
Anon. 1965: 16, fig. 41
Dillon & Hargis 1965a: 240–241
Tunbridge 1966a: 9–11, fig 2
Beaglehole 1967: 808
Natusch 1967: 202, fig. 59
Whitehead 1968: pl. 5
Iwai et al. 1970: 3
Sorenson 1970: 8, 23, 43, 47, 56
York 1970: 10
Japan FSFRL 1972: 81, fig.
JFA 1972: *
Garrick & Paul 1974a: 345, 353–356, fig. 1, 3, 4, 5
Garrick & Paul 1975c: 1601–1608, fig.
JAMARC 1975: 14, *
Wei et al. 1976: 57, fig.
Fenaughty & O'Sullivan 1978: 146
Taiwan FRI 1978: *
JFA 1978: *
Korea, FRDA 1978: 64, *
Francis M 1979: 65
Shuntov 1979: 71, *
Ayling & Cox 1982: 75–76, 4 pl.
Gunson 1983: 169, figs
Last et al. 1983: 152–153, fig.
Paul et al. 1983: 11
van den Broek et al. 1984: *
Pilgrim 1985: 22–23, 37
Scrimgeour 1986: 35
Andrews 1986: 13–14, 16, 29
Paul 1986: 34, figs
Hine & Wain 1987c: 558–559, fig. 1
Hine et al. 1987: 14
Hurst & Bagley 1987: 42
Roberts C 1987a: 158, 160
Tracey & van den Broek 1987: 128–130, 134
Fenaughty C et al. 1988: 5, 23, 28, 33, 38
Clark & King 1989: 50
Fenaughty & Uozumi 1989: 35
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Paulin et al. 1989: 28, 35, fig. 24.4
Amaoka et al. 1990: 87, fig.
Hurst et al. 1990: 49
OECD 1990: 224
Roberts C 1991: 4, 16
Paul et al. 1993: 35, fig.
Bonfil 1994: 61
Nicholson et al. 1994: 40–48, fig.
Cox & Francis 1997: 46, 61, fig.
Hickford et al. 1997: 253
McClatchie et al. 1997: 667
Paul & Heath 1997b: 20, fig.
Francis M 1998: 586, fig. 5
Paulin 1998: 59, fig.
Paulin & Roberts 1998: 165
Francis M & Shallard 1999: 515, 524, fig. 4
Montgomery & Bodznick 1999: fig. 1
Hine et al. 2000: 33
Paul 2000: 34, figs.

568 *Raja richardsoni*
Garrick 1961a: 746–747, fig. 1
Forster 1965: 773–777
Templeman 1973: 1832
Garrick & Paul 1974a: 345, 369–371, fig. 1
Hardy 1990: 6
Roberts C & Paulin 1997: 216

569 *Raja*
SKATE
Gunther 1880b: 285, 281
Parker 1882: 260–261
Parker 1885: 49–61, figs
Parker 1886d: 693, 699–702, 706–709
Parker 1897b: 629
Garrick 1954a: 127, 130
Garrick 1957c: 202
Anon. 1965: 16
McLintock 1966: (3) 709
Tong & Elder 1968: 63, 66
Probert 1986: 410
Fenaughty C et al. 1988: 17, 20, 23, 28, 33, 38, 42

570 *Raja* sp.
Young MR 1938: *
Kabata 1964: 85
Robertson et al. 1984: 24
Clark M 1988: 417
Clark & King 1989: 50
Sin et al. 1992: 469, 470, 474
Hine et al. 2000: 43

571 *Rajaraja nasuta*
SKATE
Hardy C 1989: 31

572 *Zearaja nastuta*
SKATE
Whitley 1956b: 398

573 *Zearaja nasuta*
SKATE
Whitley 1939a: 254, 21 pl.
Whitley 1940a: 45, 187, fig. 31, 216
Graham D 1956: 28, 30, 32–3, 37, 45, 47, 86, 88, 90, 95–101, 147, 153, 159, 209–210, 317, 339, one fig.
Whitley 1968a: 12
Ryan 1974: 133
Eldon & Kelly 1985: 23

574 SKATE
Yate 1835: 71
Polack 1838: 323
Polack 1840: 202
Hodgskin 1841: 34
Hector 1872: 120
Thomson G 1877: 487
Thomson G 1878: 330
Thomson G 1879: 384
Sherrin 1886: 126
Thomson G 1892: 204
Thomson G 1913: 233
Thomson G 1918: 136
Young 1926a: 100
Archey 1927: 193
Young 1935: 30
Benham 1936: 27
Graham D 1939a: 423–424, 427, 429
Whitley 1940a: 137
Phillipps 1947: 45, 50–51
Richardson L 1949a: 10
Richardson L 1950b: 97
Garrick 1956a: 14
Dickinson 1958; 10–15
Whitley & Allan 1958: 15
Banks in Beaglehole 1962: 7–8, Vol. 2
Sorensen 1965c: 127
Paul 1966c: (1) 678
Clark 1985b: 373
Boyce et al. 1986: 4, *

575 SMOOTH SKATE
Clark & King 1989: fig. 7

Family Arhynchobatidae Softnose skates

Species recognised in 2015:
Arhynchobatis asperrimus Waite, 1909 Longtail skate
Bathyraja richardsoni (Garrick, 1961) Richardson's skate
Bathyraja shuntovi Dolganov, 1985 Longnose deepsea skate
Bathyraja sp. Blond skate
Brochiraja albilabiata Last & McEachran, 2006 Whitemouth skate
Brochiraja asperula (Garrick & Paul, 1974) Smooth skate
Brochiraja heuresa Last & Séret, 2012 Eureka skate
Brochiraja leviveneta Last & McEachran, 2006 Blue skate
Brochiraja microspinifera Last & McEachran, 2006 Dwarf skate
Brochiraja spinifera (Garrick & Paul, 1974) Prickly skate
Brochiraja vittacauda Last & Séret, 2012 Ribbontail skate
Notoraja alisae Séret & Last, 2012 Velcro skate
Notoraja sapphira Séret & Last, 2009 Sapphire skate

576 *Arhynchobatis asperrimus*
LONG-TAILED SKATE, SKATE
Waite 1909b: 131, 150–151, pl. 20
Waite 1912c: 316
Garman 1913: 292
Phillipps 1927b: 10
Phillipps 1927c: 11
Phillipps 1929d: 104–105, fig. 6
Fowler 1930: 499
Whitley 1940a: 45, 191, fig. 221
Fowler 1941: 331–332
Richardson & Garrick 1953a: 27, fig. 11
Whitley 1956b: 398
Garrick 1957c: 201–202
Beaglehole 1962: 7, Vol. 2
Whitley 1968a: 3, 12
Garrick & Paul 1974a: 345, fig. 10
Ayling & Cox 1982: 78, fig
Clark & King 1989: 50
Fenaughty & Uozumi 1989: 35
Paulin et al. 1989: 27, 34, fig. 23.1
Amaoka et al. 1990: 80, fig.
Freeman & Tunnicliffe 1997: 5
Cox & Francis 1997: 60, fig.

577 *Arhynchobatis*
Natusch 1967: fig. 59

578 *Arrynchobatis asperrimus*
LONG-TAILED SKATE
Garrick 1957b: 29

579 *Arynchobatis asperrimus*
Bigelow & Schroeder 1953: 132

580 *Bathyraja asperula*
DEEPSEA SKATE
Garrick & Paul 1974a: 345, 363–366, figs 1, 8
Garrick & Paul 1975c: 1601–1608, fig.
JFA 1978: *
Ayling & Cox 1982: 77, fig.
McEachran 1984: 45–55, figs 1, 3–5
Paul & Heath 1985: 25, pl. 5
Paul 1986: 34, figs
Stehmann 1986: 266
Hardy 1990: 6
Paul 2000: 35, fig.

581 *Bathyraja richardsoni*
RICHARDSON'S DEEP-SEA SKATE
Templeman 1973: 1832, 1838
Garrick & Paul 1975c: 1601–1608, fig.
McDowall 1979a: 208
Ayling & Cox 1982: 77, fig.
Paul 1986: 34
Paulin et al. 1989: 28, 35, fig. 24.2
Cox & Francis 1997: 60, fig.
Roberts C & Paulin 1997: 216

582 *Bathyraja shuntovi*
DEEPSEA SKATE, PALE LONGNOSED SKATE
Paulin et al. 1989: 28, 35, fig. 24.3
Amaoka et al. 1990: 81, fig.
Tracey et al. 1990: 33
Roberts C 1991: 16
Cox & Francis 1997: 60, fig.
Paul & Heath 1997b: 18

583 *Bathyraja spinifera*
PRICKLY DEEP-SEA SKATE
Garrick & Paul 1974a: 345, 366–369, figs 1, 9, 10
Garrick & Paul 1975c: 1601–1608, fig
JFA 1978: *
Ayling & Cox 1982: 78, fig.
McEachran 1984: 45–55, figs 2, 3
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Stehmann 1986: 266
Hardy 1990: 6

584 *Bathyraja* sp.
Robertson et al. 1984: 24
Hurst & Bagley 1987: 42
Hatanaka et al. 1989A: 51
Roberts C 1991: 16
McClatchie et al. 1997: 665
Jacob et al. 1998: 2126

585 *Bathyrajah* sp.
Jones J 1988b: 625
Hine et al. 2000: 57

586 *Parvoraja asperula*
Jacob et al. 1998: 2126

587 *Parvoraja spinifera*
Jacob et al. 1998: 2126

588 *Pavoraja*
Paulin et al. 1989: 28, 35, fig. 24.1
Tracey et al. 1990: 33

589 *Pavoraja asperula*
DEEPSEA SKATE, SMOOTH DEEPSEA SKATE
McEachran 1984: 55–56
Clark & King 1989: 50
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Mulligan & Gauldie 1989: 858, fig. 2d
Hurst et al. 1990: 49
Paul et al. 1993: 33, fig.
Cox & Francis 1997: 60, fig.
McClatchie et al. 1997: 667
Paul & Heath 1997b: 18, fig.

590 *Pavoraja* cf. *P. asperula*
DEEPSEA SKATE
Amaoka et al. 1990: 82, fig.

591 *Pavoraja richardsoni*
Paul & Heath 1997b: 18

592 *Pavoraja spinifera*
PRICKLY DEEPSEA SKATE
McEachran 1984: 55–56
Hine & Wain 1987c: 559–560, figs 1–5
Hine et al. 1987: 14
Clark & King 1989: 50
Fenaughty & Uozumi 1989: 35
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Hurst et al. 1990: 49
Cox & Francis 1997: 61, fig.
McClatchie et al. 1997: 667

593 *Pavoraja* cf. *P. spinifera*
PRICKLY DEEPSEA SKATE
Amaoka et al. 1990: 83, fig.

594 *Pavoraja* sp.
Clark & King 1989: 50
Hatanaka et al. 1989B: 30
Amaoka et al. 1990: 84, fig.
Hurst et al. 1990: 49
Tracey et al. 1990: 33
Roberts C 1991: 16

595 *Pavoraja* sp.
SPECKLED DEEPWATER SKATE
Clark M 1988: 417

596 *Raia areata*
Beaglehole 1962: 7, vol. 2
Whitley 1968a: 3

597 *Spiniraja richardsoni*
Whitley 1968a: 12

598 LONG-NOSED PALE DEEPSEA SKATE
Hine et al. 1987: 15

599 PALE DEEP-WATER RAJID
Hine & Wain 1987c: 561, figs 1–6

Order MYLIOBATIFORMES Stingrays

Family Dasyatidae Stingrays

Species recognised in 2015:
Dasyatis brevicaudata (Hutton, 1875) Short-tail stingray
Dasyatis thetidis Ogilby, 1899 Longtail stingray
Pteroplatytrygon violacea (Bonaparte, 1832) Pelagic stingray

600 *Bathytoshia brevicaudata*
CAPTAIN COOK'S STINGAREE, SMOOTH STINGAREE, STINGAREE, STINGRAY
Whitley 1940a: 201–206
Prior & Marples 1945: 343, 357, figs 2, 4
Graham D 1956: 30, 100–102, one fig.
Whitley 1956b: 398

601 *Bathytoshia brevicaudatus*
STINGAREE, STINGRAY
Powell 1951: 63, fig. 301
Graham D 1956: 102

602 *Bathytoshia thetidis*
STINGRAY
Whitley 1956b: 358
Whitley 1968a: 13

603 *Bathytoshia*
Richardson & Garrick 1953b: 320

604 *Dasyatis brevicaudata*
SHORT-TAIL STINGRAY
Russell 1971b: 82
Grace R 1973: 14
Grace R 1975: 97
Grace A 1976: 103
Avdeev 1978: 281
Nicholson 1979: 135
Shuntov 1979: 70, *
Francis M 1996a: 45, 49
Francis M 1996b: 17, pl. 5
Cox & Francis 1997: 61, fig.
Francis M & Shallard 1999: 515
Visser 1999: 220–227

605 *Dasyatis brevicaudatus*
BLACK RAY, BLACK STINGRAY, SHORTTAIL STINGRAY, SHORT TAILED STINGRAY, SMOOTH STINGAREE, SMOOTH STING RAY, STINGAREE, STING RAY
Waite 1912c: 317
Thomson & Anderton 1921: 69
Phillipps 1927b: 11
Phillipps 1927c: 11
Waite 1927: 225
McCulloch 1929: 26
Phillipps 1929d: 105–106, fig. 7
Fowler 1930: 505
Fowler 1941: 419–420
Phillipps 1947: 50–51
Bigelow & Schroeder 1953: 337, 342, 357
Richardson & Garrick 1953a: 30, fig. 18
Richardson & Garrick 1953b: 319
Garrick 1954b: 189–97, fig. 1–2
Beaglehole 1955: 219

Scott E 1957: 145–50
Doogue & Moreland 1961: 180, 191–192, one fig.
Graham J 1963: 167
Moreland 1963: 16, one fig.
Stead 1963: 164, fig. 52
Powell 1966: (3)317, one fig.
Heath & Moreland 1967: 14, fig. 13
Natusch 1967: 202
Garrick & Paul 1971c: 2
Garrick & Paul 1975c: 1601–1608, fig.
JFA 1977: 127
Willan et al. 1979: 451
Thompson 1981: 17, 32, 33–34 (figs), 289, 293
Ayling & Cox 1982: 79, fig.
Gunson 1983: 169, fig.
Kelly 1983: 121
Last et al. 1983: 157–158, fig.
Paul et al. 1983: 11
Bradstock 1985: 136, fig.
Dickson 1986: 30
Paul 1986: 36, fig.
Roberts et al. 1986: 358
Francis M et al. 1987: 4, 8
Hardy et al. 1987: 244
Hine & Wain 1987c: 558
Clark M 1988: 417
Francis M 1988c: 18, pl. 5
Paulin et al. 1989: 29, 35, fig. 25.1
OECD 1990: 280
Doak 1991: 112, fig.
Thrush et al. 1991: 246
Paul et al. 1993: 31, fig.
Willis 1995: 66
Leach 1997: * figs
Montgomery & Skipworth 1997: 881–883, fig. 1
Paul & Heath 1997a: 7, fig.
Enderby & Enderby 1998: 26, pl.
Paulin & Roberts 1998: 165
Last & Compagno 1999: 1499, fig.
Duignan et al. 2000: 146
Paul 2000: 36, fig., 212

606 *Dasyatis guileri*
PELAGIC STINGRAY
Paulin et al. 1989: 29, 35, fig. 25.2

607 *Dasyatis kuhlii*
Fowler 1941: 424–427

608 *Dasyatis thetidis*
BLACK RAY, LONG-TAILED STINGRAY, THORN-TAIL STINGRAY, WHIPTAIL
Richardson & Garrick 1953a: 30
Richardson & Garrick 1953b: 319–320
Garrick 1954b: 196
Garrick 1957b: 29
Scott E 1957: 145
Doogue & Moreland 1961: 192
Stead 1963: 164
Natusch 1967: 202
Garrick & Paul 1971c: 2
Garrick & Paul 1975c: 1601–1608, fig.
Willan et al. 1979: 451
Thompson 1981: 17, 32
Ayling & Cox 1982: 80, 5 pl.
Kelly 1983: 57, 121
Last et al. 1983: 159–160, fig.
Paul et al. 1983: 11
Paul 1986: 36, fig.
Hardy et al. 1987: 244
Francis M 1988c: 18, pl. 6
Paulin et al. 1989: 29, 35, fig. 25.3
OECD 1990: 280
Thrush et al. 1991: 246
Francis M & Randall 1993: 119
Willis 1995: 66
Francis M 1996a: 49
Francis M 1996b: 17, pl. 6
Cox & Francis 1997: 50, 61, figs
Enderby & Enderby 1998: 26, fig.
Paulin 1998: 38, fig.
Francis M & Shallard 1999: 515
Duignan et al. 2000: 146
Paul 2000: 36, fig., 212

609 *Dasyatis violacea*
Mulligan & Gauldie 1989: 861, fig. 2o
Paul 2000: 37, fig.

610 *Dasyatis*
BLACK RAY, STINGAREE, STING RAY
Prior & Marples 1945: 350
McLintock 1966: (3) 709
Natusch 1967: 202, fig. 59
Tong & Elder 1968: 63, 66

611 *Dasyatis* sp.
Kabata 1964: 85
Fordyce 1991: fig. 10
Duignan et al. 2000: 144, fig. 1
Hine et al. 2000: 31

612 *Dasyatus brevicaudatus*
STING-RAY, STINGAREE
Hefford 1936: 71

613 *Dasybatis brevicaudatus*
STINGAREE
Gill 1893: 111
Hutton 1904c: 53
Thomson G 1906: 552
Donovan 1920: 29

614 *Dasybatus brevicaudatus*
STING RAY
Waite 1907: 9
Waite 1909b: 131, 151–152, pl. 22
Garman 1913: 385

615 *Pteroplatytrygon violacea*
PELAGIC STINGRAY
Cox & Francis 1997: 64, fig.

616 *Raia testacea*
Parkinson : 1.t.146

617 *Taeniura lymma*
Richardson & Gray 1843: 227

618 *Trigon thalassia*
STINGAREE
Hector 1872: 121–123
Thomson G 1879: 385

619 *Trygon brevicaudata*
Hutton 1875a: 132
Hutton 1875b: 317
Hutton 1876: 216
Sherrin 1886: 127, 299
Hutton 1890: 276
Norman 1935: 3
Whitley 1940a: 206
Garrick 1954b: 189
Russell 1996: 215, 218, 219, 222–223

620 *Trygon brevicaudatus*
Hutton 1896: 318

621 *Trygon ensifer* [Fossil]
Davis 1888b: 37–38, pl. 6 figs 13–15
Davis 1894: 109
Hector 1894: 118
Chapman 1918: 2–3, 22, 29–32, pl. 6 figs 14, 15

622 *Trygon kuhlii*
Kner 1865a: 420
Hutton 1872: 85
Hutton 1873a: 241
Hutton 1874b: 86
Sherrin 1886: 127–128, 299

623 *Trygon thalassia*
STINGAREE
Hutton 1872: 85
Hutton 1873a: 241
Hutton 1874b: 86
George 1881: 426
Hector 1884bb: 55
Hector 1886a: 28
Sherrin 1886: 103–104, 127, 299
Sandager 1888: 132
Thomson G 1892: 215
Whitley 1940a: 206
Garrick 1954b: 189

624 *Trygon*
Hector 1872: 121
Gunther 1880b: 285
Parker 1882: 260
Thomson G 1890: 374, 375

625 *Trygonoptera testacea*
Richardson J 1843a: 30

626 *Urolophus*
Gunther 1880: 285

627 STINGAREE
Thomson G 1877: 487
Sherrin 1886: 126
Thomson G 1892: 203

628 STING-RAY
Polack 1838: 323
Polack 1840: 202
Archey 1927: 193
Best 1929: 43, 48
Young 1935: 30–31
Shorland 1937: 223
Whitley 1940a: 198
Parrott 1958b: 99
Moreland 1961: 61, 75, 77–79
Banks in Beaglehole 1962: 7, Vol. 2
Stead 1963: 159
Shawcross 1967: 111–112, 122, fig. 4

Family Myliobatididae Eagle rays (incl. Mobulidae: manta rays)

Species recognised in 2015:
Manta birostris (Walbaum, 1792) Giant manta ray
Mobula japanica (Müller & Henle, 1841) Spinetailed devil ray
Myliobatis tenuicaudatus Hector, 1877 Eagle ray

629 *Aetobatis tenuicaudatus*
EAGLE RAY, STINGAREE, STING RAY
Waite 1912c: 317
Phillipps 1927b: 11
Phillipps 1927c: 11
Phillipps 1929d: 107, fig. 8
Hefford 1936: 71
Phillipps 1949c: 12–13, one fig.
Powell 1951: 62, fig. 300
Robinson 1959b: 381, 390

630 *Aetobatus caudatus*
EAGLE RAY
Beaglehole 1962: 7, Vol. 2

631 *Aetobatus tenuicaudatus*
EAGLE RAY
Gill 1893: 111
Hutton 1904c: 53
McCulloch 1914: 86, fig. 3
Fowler 1941: 473
Graham D 1956: 30
Whitley 1956b: 398
McKenzie 1960: 45, 49
Whitley 1968a: 13

632 *Holorhinus tenuicaudatus*
EAGLE RAY
Fowler 1941: 462–463
Richardson & Garrick 1953a: 30, fig. 17
McLintock 1966: (3) 709
Godfriaux 1970a: 248–266
Godfriaux 1970b: 325–336

633 *Holorhinus*
EAGLE RAY
Natusch 1967: 202, fig. 92

634 *Mobula diabolus*
MANTA RAY
Ayling & Cox 1982: 81

635 *Mobula japanica*
SPINETAIL DEVIL RAY
Paulin et al. 1982: 11, 12–13, 17, fig. 1
Paul 1986: 37, fig.
Cox & Francis 1997: 59, 64, figs
Compagno & Last 1999b: 1528, fig.
Paul 2000: 37, fig.

636 *Mobula japonica*
DEVIL RAY
Paulin & Habib 1982: 36
Paulin et al. 1989: 30, 35, fig. 27.1

637 *Myliobates*
EAGLE RAY
Hector 1872: 121, 123

638 *Myliobatatis*
Taylor 1870: 627

639 *Myliobatis altus* [Fossil]
Davis 1888b: 40–41, pl. 7 figs 1, 2
Davis 1894: 111
Hector 1894: 116, 119
Chapman 1918: 2–3, 23, 29–32, pl. 7 figs 1a-c, 2

640 *Myliobatis aquila*
EAGLE RAY, WHIP RAY
Hutton 1872: 86
Sherrin 1886: 104, 127–128, 299
Sandager 1888: 132
Waite 1909a: 47

641 *Myliobatis arcuatus* [Fossil]
Davis 1888b: 40, pl. 6 figs 20, 21
Davis 1894: 110
Hector 1894: 118
Chapman 1918: 2–3, 23, 29–32, pl. 6 figs 20a-c, 21

642 *Myliobatis australis*
Last et al. 1983: 166, fig.

643 *Myliobatis nieuhofii*
WHIP RAY
Richardson & Gray 1843: 227
Richardson J 1843a: 30

644 *Myliobatis plicatilis* [Fossil]
Davis 1888b: 39–40, pl. 6 figs 16–19
Davis 1894: 110
Hector 1894: 118
Chapman 1918: 2–3, 23, 29–32, pl. 6, figs 16a-c, 17, 18a-c, 19a-c

645 *Myliobatis tenuicaudata*
Alexander 1963: 139

646 *Myliobatis tenuicaudatus*
EAGLE RAY, WHIPTAIL RAY, YELLOW RAY
Hector 1877a: 468–469, pl. 10
Sherrin 1886: 127–129, 299
Hutton 1890: 276
Waite 1909b: 131, 152–153, pl. 23
Fowler 1930: 507
Whitley 1940a: 220, 223, figs 251, 255
Bigelow & Schroeder 1953: 462
Richardson & Garrick 1953a: 30
Scott E 1963: 8
Heath & Moreland 1967: 14, fig. 12
York 1970: 10
Hewitt & Hine 1972: 74
Grace R 1973: 14, fig. 2
Stead 1973: 9
Francis M 1979: 65
Gregory et al. 1979: 1125–1130
Shuntov 1979: 70, *
Thompson 1981: 17, 35–36 (figs), 288, 293
Ayling & Cox 1982: 80, 5 pl.
Gregory et al. 1983: unpaginated
Gunson 1983: 170, fig.
Kelly 1983: 121
Paul et al. 1983: 11
Bradstock 1985: 136, fig.
Jones & Hadfield 1985: 479–480, fig. 4
Paul 1986: 37, fig.
Roberts et al. 1986: 358
Francis M et al. 1987: 4, 8
Hardy et al. 1987: 244
Hine et al. 1987: 15
Hine & Wain 1987c: 558–559, fig. 1
Francis M 1988c: 18, pl. 18
Mulligan & Gauldie 1989: 859, fig. 2f
Paulin et al. 1989: 29, 35, fig. 26.1

OECD 1990: 84
Doak 1991: 112, figs
Francis M 1991: 207
Thrush et al. 1991: 245–252
Harris T 1993: 70
Paul et al. 1993, 31, fig.
Thrush et al. 1994: 211–222
Willis 1995: 66
Francis M 1996a: 45, 49
Francis M 1996b: 18, pl. 4
Hickford & Schiel 1996: 671
Cox & Francis 1997: 50, 64, figs
Hickford et al. 1997: 252
Hines et al. 1997: 191–210, figs 1–10
Leach 1997: * figs
Paul & Heath 1997a: 8, fig.
Enderby & Enderby 1998: 25, pl.
Horwood et al. 1998: 22, *
Paulin 1998: 21, fig.
Paulin & Roberts 1998: 165
Compagno & Last 1999a: 1518, fig.
Francis M & Shallard 1999: 515
Visser 1999: 220–227
Duignan et al. 2000: 45, 146
Hine et al. 2000: 33, 83
Paul 2000: 37, fig., 212

647 *Myliobatis*
Davis 1886: 4–5
Hutton 1887: 399, 401, 409
Richardson L 1949a: 5
Fordyce 1991: 1218, fig. 10

648 *Myliobatus aquila*
Fowler 1941: 461

649 *Myliobatus tenuicaudata*
EAGLERAY
Grace R 1975: 99

650 *Myliobatus tenuicaudatus*
COWFISH, EAGLE RAY, LONG-TAILED STINGRAY, WHIPRAY, WHIPTAILED STINGRAY
Waite 1907: 9
Garman 1913: 433–434
Doogue & Moreland 1961: 189–190, one fig.
Moreland 1963: 14, one fig.
McLintock 1966: (3) 709
Powell 1966: (3)54, one fig.
Tong & Elder 1968: 63, 66
Russell 1971b: 83
Garrick & Paul 1971c: 2
Grace R 1972a: 91
Webb 1972b: 6, 16
Grace A 1974: 22
Garrick & Paul 1975c: 1601–1608, fig. 2
Grace A 1976: 103
Grace & Grace 1978: 134
Nicholson 1979: 135
Willan et al. 1979: 451
Housley et al. 1981: 37
Russell 1983: 122–3, 139, 141
Ring & Eccleston 1986: 329
Jones G 1988: 453

651 EAGLE RAY
Grace R 1983: 101

652 MANTA RAY
Gilbert & Paul 1969: 339–342, fig. 1

653 MYLIOBATID RAY
Cole 1999: 207

654 RAY
Taylor 1855: 413
Sherrin 1886: 126–127
Archey 1927: 190
Liggins 1939: 27–29
Phillipps 1947: 45, 51
Richardson L 1949a: 10
Garrick 1956a: 14
Graham D 1956: 28
Moreland 1959: 29
Doogue & Moreland 1961: 286
Paul 1966b: 37
Paul 1966c: (1) 676, 678
Powell 1966: (1)568
Shawcross 1967: 111, fig. 4
Flint & Sugrue 1999: 137–138

Grade TELEOSTOMI
Class ACTINOPTERYGII
Subclass NEOPTERYGII
Division TELEOSTEI
Subdivision ELOPOMORPHA

Order NOTOCANTHIFORMES

Family Halosauridae Halosaurs
Species recognised in 2015:
Aldrovandia affinis (Günther, 1877) Abyssal halosaur

Halosauropsis macrochir (Günther, 1878) Black halosaur
Halosaurus pectoralis McCulloch, 1926 Common halosaur

655 *Aldrevandia? affinis*
Filatova 1985: 29

656 *Aldrovandia affinis*
Paulin & Stewart 1985: 6
Paulin et al. 1989: 65, 249, fig. 1.4b

657 *Aldrovandia phalacra*
Amaoka et al. 1990: 100, fig.

658 *Halosauris pectoralis*
HALOSAUR
Fenaughty & Uozumi 1989: 35, 37

659 *Halosauropsis macrochir*
ABYSSAL HALOSAUR
Paulin & Moreland 1979a: 267, 270, fig. 1
Filatova 1985: 27
Paulin & Stewart 1985: 6
Clark & King 1989: 51
Paulin et al. 1989: 65, 249, fig. 1.4a
Tracey et al. 1990: 33
Roberts C 1991: 5, 16

660 *Halosaurus pectoralis*
COMMON HALOSAUR, DEEPWATER HALOSAUR
McKnight 1974: 555–556
JFA 1978: *
Paulin & Moreland 1979a: 267–268, fig. 1
Ayling & Cox 1982: 104, fig.
Last et al. 1983: 86–187, fig.
Robertson et al. 1984: 24
Filatova 1985: 24
Paulin & Stewart 1985: 6
Hine et al. 1987: 20
Clark & King 1989: 51
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 65, 249, figs 1.2a, 1.3
Amaoka et al. 1990: 101, fig.
Tracey et al. 1990: 33
Gauldie [et al. 1991A]: 2, 17, fig. 10
Roberts C 1991: 5, 16
McClatchie et al. 1997: 666

661 *Leptocephalus attenuatus*
[LARVAL HALOSAUR]
Paulin et al. 1989: 249
Hardy 1990: 7

Family Notacanthidae Spiny eels

Species recognised in 2015:
Lipogenys gillii Goode & Bean, 1895 Tapirfish
Notacanthus abbotti Fowler, 1934 Abbott's spineback eel
Notacanthus chemnitzii Bloch, 1788 Giant spineback eel
Notacanthus sexspinis Richardson, 1846 Spineback eel
Polyacanthonotus challengeri (Vaillant, 1888) Prickleback eel
Polyacanthonotus rissoanus (De Filippi & Verany, 1857 Smallmouth prickleback

662 *Leptocephalus giganteus*
[LARVAL SPINY EEL]
Paulin et al. 1989: 249
Hardy 1990: 6
Roberts C 1991: 16

663 *Notacanthus bonapartii*
JFA 1978: *

664 *Notacanthus chemnitzi*
Paulin et al. 1989: 66, 249, fig. 2.3b

665 *Notacanthus sexpinis*
Avdeev 1978: 281

666 *Notacanthus sexpinnis*
Rosecchi et al. 1988: 300

667 *Notacanthus sexspinis*
SPINEBACK, SPINEBACK EEL, SPINYBACK, TAPIRFISH
Hutton 1872: 39
Gunther 1880a: 26, 79
Gunther 1880b: 286
Sherrin 1886: 303
Gunther 1887a: 243–248, pl. 60, 61
Hutton 1890: 281
Gill 1893: 113
Goode & Bean 1895: 163
Murray 1895: 599
Hutton 1904c: 47
Waite 1907: 14
Barnard 1925: 169–170
Phillipps 1927b: 18
McCulloch 1929: 82
Iwai et al. 1970: 6
Japan FSFRL 1972: 84, fig.
JFA 1972: *
JAMARC 1975: 14, *
JFA 1978: *
Francis M 1979: 65
Ayling & Cox 1982: 103, fig.
Last et al. 1983: 187, fig.

Robertson et al. 1984: 24
van den Broek et al. 1984: *
Paul 1986: 46, fig.
Pavlov & Andrianov 1986: 158
Hine et al. 1987: 20
Clark & King 1989: 51, 55
Fenaughty & Uozumi 1989: 17, 35, 37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Paulin et al. 1989: 66, 249, fig. 2.3a
Amaoka et al. 1990: 102, fig.
Hurst et al. 1990: 49
Tracey et al. 1990: 33
Roberts C 1991: 16
McClatchie et al. 1997: 666
Hine et al. 2000: 65
Paul 2000: 46, fig.

668 ***Notacanthus sexspinnis***
Phillipps 1927c: 11

669 ***Notacanthus sexspinus***
Hamilton A 1896: 13

670 ***Notocanthus sexspinis***
SPINEBACK
Whitley 1956b: 402
Whitley 1968a: 33
Castle 1973: 124
Shuntov 1979: 72, *
Kerstan & Sahrhage 1980: 155–156
Paulin & Stewart 1985: 6

671 ***Notocanthus sexspinus***
McKnight 1974: 555

672 ***Polyacanthonotus challengeri***
Paulin & Stewart 1985: 6
Paulin et al. 1989: 66, 249, fig. 2.1

673 ***Polyacanthonotus*** **sp.**
Roberts C 1991: 16

Order ANGUILLIFORMES Eels

Family Anguillidae Freshwater eels

Species recognised in 2015:
Anguilla australis Richardson, 1841 Shortfin eel
Anguilla dieffenbachii Gray, 1842 Longfin eel
Anguilla reinhardtii Steindachner, 1867 Marbled eel

Freshwater. See McDowall (1964, 1990, 2011).

Family Chlopsidae False morays

Species recognised in 2015:
Chlopsidae sp.

No pre-2000 references found.

Family Muraenidae Moray eels

Species recognised in 2015:
Anarchias cf. *seychellensis* Smith, 1962 Seychelles moray
Anarchias supremus McCosker & Stewart, 2006 Kermadec moray
Enchelycore ramosa (Griffin, 1926) Mosaic moray
Gymnothorax berndti Snyder, 1904 Berndt's moray
Gymnothorax eurostus (Abbott, 1861) Stout moray
Gymnothorax nubilus (Richardson, 1848) Grey moray
Gymnothorax obesus (Whitley, 1932) Speckled moray
Gymnothorax picta (Ahl, 1789) Ocellate moray
Gymnothorax porphyreus (Guichenot, 1848) Lowfin moray
Gymnothorax prasinus (Richardson, 1848) Yellow moray
Gymnothorax prionodon Ogilby, 1895 Mottled moray
Gymnothorax ypsilon Hatooka & Randall, 1992 Nadine's moray

674 ***Anarchias vermiformis***
Tait, Barker & Gilpin-Brown 1965: 589

675 ***Congermuraena mystax***
Castle 1963: 20

676 ***Enchelycore ramosa***
MOSAIC MORAY
Allen et al. 1975: 375
Paulin & Stewart 1985: 6
Francis M et al. 1987: 4, 8

Francis M 1988c: pls. 7, 8
Paulin et al. 1989: 68, 249, fig. 4.2
Doak 1991: 162, figs
Cole et al. 1992: 210
Paulin & Roberts 1992: 18, 118–119, fig. 61a, b, pl. 23E
Paulin & Roberts 1993: 199
Francis M 1996a: 49
Francis M 1996b: 18–19, pls 7, 8

677 *Enchelycore ramosus*
MOSAIC MORAY
Ayling & Cox 1982: 93, pl. 6
Kelly 1983: 121
Marsh 1986: 148, 153
Paul 1986: 47, fig.
Paul 2000: 47, fig.

678 *Gymnothorax chilospilus*
Paulin & Stewart 1985: 6

679 *Gymnothorax eupterus*
Waite 1910b: 370–371

680 *Gymnothorax eurostus*
Francis M 1993b: 142
Francis M 1996a: 49

681 *Gymnothorax griffini*
GRIFFIN'S MORAY
Whitley & Phillipps 1939: 229
Castle 1964c: 71, 75–76, 83
Paulin & Stewart 1985: 6
Francis M et al. 1987: 4, 6, 12
Paulin et al. 1989: 69, 249
Francis M 1996a: 49

682 *Gymnothorax meleagris*
Griffin 1927: 138–139, pl. 10
Griffin 1936: 19–20

683 *Gymnothorax nubila*
Griffin 1936: 20
Doak 1971b: 106, pl. 52

684 *Gymnothorax nubilis*
Cole et al. 1992: 210

685 *Gymnothorax nubilus*
GREY MORAY, SPECKLED MORAY
Griffin 1928: 374–375, pl. 56
Castle 1974b: 610–614
Grace R 1975: 97
Allen et al. 1976: 376
Nicholson 1979: 135
Willan et al. 1979: 451
Thompson 1981: 42
Ayling & Cox 1982: 96, pl. 6
Kelly 1983: 44, 121
Paulin & Stewart 1985: 7
Marsh 1986: 147, 153
Paul 1986: 47, fig.
Roberts et al. 1986: 358, 361
Francis M et al. 1987: 4
Hardy et al. 1987: 244
Francis M 1988c: 19, pl. 12
Paulin et al. 1989: 68, 249
Doak 1991: 160, figs
Francis M 1996a: 49
Paul 2000: 47, fig.

686 *Gymnothorax obesus*
SPECKLED MORAY
Castle 1974b: 610–614
Grace R 1975: 97
Thompson 1981: 42
Ayling & Cox 1982: 96, pl. 6
Kelly 1983: 121
Paulin & Stewart 1985: 7
Paul 1986: 47, fig.
Roberts et al. 1986: 358
Francis M et al. 1987: 5
Hardy et al. 1987: 244
Francis M 1988c: 19, pl. 10
Paulin et al. 1989: 69, 249
Doak 1991: 162, 164, fig.
Francis M 1996a: 49
Paul 2000: 47, fig.

687 *Gymnothorax prasinus*
MORAY, YELLOW EEL, YELLOW MORAY
Griffin 1926: 539
Phillipps 1927b: 18
Griffin 1936: 18–19, pl. 6
Doogue & Moreland 1961: 200, one fig.
McLintock 1966: (3) 708
Heath & Moreland 1967: 30, fig. 44
Russell 1971b: 83
Grace R 1972a: 91
Grace R 1973: 14
Castle 1974b: 610–614, fig.
Grace A 1974: 22
Grace R 1975: 97
Grace A 1976: 103
Grace & Grace 1978: 134
Nicholson 1979: 135
Shuntov 1979: 69, *
Willan et al. 1979: 451
Housley 1980: 85, fig. 2
Housley et al. 1981: 38, 40
Thompson 1981: 17, 41, 43–44 (figs), 290, 305, 319, fig. 4
Ayling & Cox 1982: 91–92, pl. 6
Gunson 1983: 117, 181, fig.
Kelly 1983: 121
Russell 1983: 123
Paulin & Stewart 1985: 7
Paul 1986: 47, fig.
Roberts et al. 1986: 358
Hardy et al. 1987: 249

Francis M 1988c: 19, pl. 11
Jones G 1988: 453
Paulin et al. 1989: 68, 249
Doak 1991: 160, fig.
Paulin & Roberts 1992: 119–120, fig. 62a, b, pl. 23F
Paulin & Roberts 1993: 199
Willis 1995: 66
Francis M 1996a: 44, 49
Francis M 1996b: 19, pl. 11
Paul & Heath 1997a: 11, fig.
Paul 1983: 48
Enderby & Enderby 1998: 24, pl.
Paulin 1998: 40, fig.
Paul 2000: 47, fig.

688 *Gymnothorax prionodon*
MARBLED MORAY, MOTTLED MORAY, SAW-TOOTHED MORAY, SPOTTED MORAY
Griffin 1926: 538–539, pl. 93
Phillipps 1927b: 18
Griffin 1933a: 174
Griffin 1936: 19
Castle 1974b: 610–614, fig.
Nicholson 1979: 135
Willan et al. 1979: 451
Housley 1980: 88, fig. 2
Nicholson & Roberts 1980: 142
Thompson 1981: 42
Ayling & Cox 1982: 92, pl. 6
Kelly 1983: 121
Paulin & Stewart 1985: 7
Paul 1986: 47, fig.
Francis M 1988c: 19, pl. 9
Paulin et al. 1989: 69, 249 fig. 4.5b
Doak 1991: 159, 162, fig.
Castle 1996: 113
Francis M 1996a: 49
Francis M 1996b: 19, pl. 9
Paul 2000: 47, fig.

689 *Gymnothorax ramosa*
MOSAIC MORAY
Ayling & Cox 1982: 93

690 *Gymnothorax ramosus*
MOSAIC MORAY
Griffin 1926: 539–540, pl. 94
Phillipps 1927b: 18
Griffin 1936: 21
Powell 1941: 259
Castle 1974b: 610–614, fig.
Grace R 1975: 97
Nicholson 1979: 135
Willan et al. 1979: 453
Housley et al. 1981: 38, 41
Thompson 1981: 42

691 *Gymnothorax thyrsoidea*
Waite 1910b: 375

692 *Gymnothorax*
Schiel et al. 1986: 530

693 *Lycodontis griffini*
MORAY
Whitley 1956b: 402
Whitley 1968a: 33

694 *Lycodontis meleagris*
Fowler 1934: 7–8

695 *Lycodontis nubila*
MORAY, GREY MORAY
Whitley 1956b: 402
Whitley 1968a: 33
Russell 1971b: 83

696 *Lycodontis nubilus*
GREY MORAY EEL
Paul & Heath 1985: 27, pl. 6
Paul et al. 1993: 39, fig.

697 *Lycodontis prasinus*
YELLOW MORAY
Crossland 1981a: 17, 19, figs 10–12
Crossland 1982b: 22
Paul et al. 1993: 37, fig.

698 *Lycodontis ramosa*
MORAY
Whitley 1956b: 402
Whitley 1968a: 33
Russell 1971b: 83

699 *Lycodontis thyrsoidea*
MORAY, REEF EEL
Whitley 1955: 119
Whitley 1956b: 402
Whitley 1968a: 32

700 *Muraena australis*
Fowler 1940: 752

701 *Muraena krulli*
YELLOW EEL
Hector 1877a: 468, pl. 8
Sherrin 1886: 306
Hutton 1890: 285
Gill 1893: 113
Hutton 1904c: 51
Waite 1907: 12
Phillipps 1921a: 119
Phillipps 1929c: 11
Phillipps 1947: 43, 48

702 *Muraena mystax*
Castle 1963: 17–18
Castle 1964a: 3

703 *Muraena nubila*
Regan 1914c: 14
Phillipps 1927c: 11

704 *Muraena nubilia*
Phillipps 1927b: 17

705 *Muraena shirleyi*
Griffin 1933a: 172–174, 1 fig. pl. 24
Powell 1941: 259

706 *Muraena thysoidea*
Steindachner 1901: 514
Waite 1907: 35
Phillipps 1927c: 11
Whitley 1955: 118–119

707 *Muraena tuhua*
Griffin 1933a: 171–172, 1 fig. pl. 24
Powell 1941: 259

708 *Nerdithorax prasinus*
GREEN EEL, GREEN MORAY EEL, YELLOW EEL
Whitley 1956b: 402
Parrott 1960: 44, 46, 52–53, fig. 13
Whitley 1968a: 32

709 *Nerdithorax*
Natusch 1967: 211

710 *Serranguilla prionodon*
SAWTOOTH EEL, SPOTTED MORAY
Whitley & Phillipps 1939: 228–229
Whitley 1956b: 402
Parrott 1960: 44, 46, 54–55, fig. 14
Natusch 1967: 211
Whitley 1968a: 32

711 *Siderea picta*
OCELLATE MORAY
Paulin & Stewart 1985: 7
Paulin et al. 1989: 68, 249
Francis M 1996a: 49

712 *Uropterygius obesus*
MORAY
Whitley 1956b: 402
Whitley 1968a: 33

713 *Uropterygius shirleyi*
MORAY, SPOTTED MORAY
Griffin 1936: 22–23, fig. 5
Whitley 1956b: 402
Whitley 1968a: 33
Russell 1971b: 83

714 *Uropterygius tuhu*
SPECKLED MORAY
Griffin 1936: 22
Russell 1971b: 83

715 MORAY EEL
Moreland 1965: 125
Paul 1966c: (1) 678
Doak 1974s: 1590
Doak 1975a: 1742

Family Synaphobranchidae Cutthroat eels

Species recognised in 2015:
Diastobranchus capensis Barnard, 1923 Basketwork eel
Histiobranchus australis (Regan, 1913) Black cut-throat eel
Histiobranchus bruuni Castle, 1964 Bruuns' cutthroat eel
Ilyophis blachei Saldanha & Merrett, 1982 Blache's cut-throat eel
Meadia abyssalis (Kamohara, 1938) Naked cut-throat eel
Simenchelys parasitica Gill, 1879 Snubnose eel
Synaphobranchus affinis Günther, 1877 Grey cut-throat eel
Synaphobranchus brevidorsalis Günther, 1877 Shortfin cutthroat eel

716 *Diastobranchus capensis*
BASKETWORK EEL, CUT-THROAT EEL
Castle 1961: 1, 3, 16, 21, 23–28, fig. 6
Castle 1964b: 30, 32, 42, fig. 1
Castle 1968c: 395
Japan, FSFRL 1972: 83
JFA 1972: *
Castle 1974b: 610–614
Castle 1975b: 159–163
Golovan 1976: 39
JFA 1978: *
Karmovskaya 1978: 150
Francis M 1979: 65
Kerstan & Sahrhage 1980: 155
Ayling & Cox 1982: 97, fig.
Golovan' & Pakhorukov 1983: 14
Last et al. 1983: 179, fig.
Mitchell 1984: 273
Robertson et al. 1984: 24
Paulin & Stewart 1985: 7
Paul & Heath 1985: 29, pl. 7
Paul 1986: 45, fig.
Pavlov & Andrianov 1986: 157
Hine et al. 1987: 19
Clark M 1988: 417
Clark & King 1989: 51
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Paulin et al. 1989: 71, 249, fig. 7.4b
Amaoka et al. 1990: 96, fig.
Tracey et al. 1990: 33
Roberts C 1991: 16

Paul et al. 1993: 41, fig.
McClatchie et al. 1997: 665
Paul & Heath 1997b: 22, fig.
Sulak & Shcherbachev 1997: 1181, 1186, figs 2, 7–9, 11
Clark et al. 2000: 225, fig. 5
McClatchie et al. 2000: 185
Paul 2000: 45, fig.

717 *Diastobranchus capensis danae*
BASKETWORK EEL
Whitley 1968a: 29

718 *Diastobranchus danae*
BASKETWORK EEL
Whitley 1956b: 401
Castle 1961: 1, 23–24, 27–28

719 *Histiobranchus bathybius*
BLACK CUTTHROAT EEL
Castle 1968c: 395
Castle 1974b: 610–614
Ayling & Cox 1982: 98
Paulin & Stewart 1985: 7
Paulin et al. 1989: 72, 249
Sulak & Shcherbachev 1997: 1160, 1181, 1187, figs 7, 8, 12

720 *Histiobranchus brunneus*
Sulak & Shcherbachev 1997: 1171

721 *Histiobranchus bruuni*
BRUUN'S CUTTHROAT, BRUUN'S EEL
Castle 1964b: 34–36, fig. 1
Castle 1968c: 393–395
Whitley 1968a: 29
Castle 1974b: 610–614
Ayling & Cox 1982: 99, fig.
Paulin & Stewart 1985: 7
Paulin et al. 1989: 72, 249
Sulak & Shcherbachev 1997: 1181, 1187, fig. 12

722 *Ilyophis brunneus*
CUTTHROAT EEL, OOZE EEL
Castle 1968c: 395
Castle 1974b: 610–614
Ayling & Cox 1982: 98, fig.
Paulin & Stewart 1985: 7
Paulin et al. 1989: 71, 249, fig. 7.4a
Sulak & Shcherbachev 1997: 1187, figs 3, 4, 15

723 *Simenchelys parasitica*
Sulak & Shcherbachev 1997: 1182, 1187, fig. 17

724 *Simenchelys parasiticus*
PARASITIC EEL, SNUBNOSE(D) EEL
Manter 1960: 198
Castle 1961: 1–3, 15–9, 21, 24, 27–28, fig. 4
Castle 1968a: fig. 1
Whitley 1968a: 28
Hewitt & Hine 1972: 97
Castle 1974b: 610–614
Castle 1975a: 159
JFA 1978: *
Karmovskaya 1978: 149
Ayling & Cox 1982: 99, fig.
Paulin & Stewart 1985: 8
Paul 1986: 46, fig.
Hine et al. 1987: 19
Paulin et al. 1989: 71, 249, fig. 7.2
Tracey et al. 1990: 33
Hine et al. 2000: 66
Paul 2000: 46, fig.

725 *Synaphobranchus affinis*
CUTTHROAT EEL, GREY CUTTHROAT
Castle 1961: 1, 3, 16, 20–25, 27–28, fig. 5
Castle 1964b: 30
Whitley 1968a: 28
Castle 1974b: 610–614
Karmovskaya 1978: 149
Ayling & Cox 1982: 98, fig.
Robertson et al. 1984: 24
Paulin & Stewart 1985: 8
Paulin et al. 1989: 71, 249, 7.5a
Roberts C 1991: 5, 16
Sulak & Shcherbachev 1997: 1160, 1182, 1185, fig. 13

726 *Synaphobranchus kaupii*
Iwai et al. 1970: 6
Japan, DSTA 1971: 66, *

727 BASKETWORK EEL
Clark & King 1989: fig. 7
Gilbert et al. 2000: 460, fig. 5

Family Ophichthidae Snake eels

Species recognised in 2015:
Apterichtus australis McCosker & Randall, 2005 Southern dwarf snake eel
Apterichtus flavilatus (Snyder, 1904) Yellowtail snake eel
Myrichthys maculosus (Cuvier, 1816) Spotted snake eel
Ophisurus serpens (Linnaeus, 1758) Snake eel
Quassiremus polyclitellum Castle 1996 Barred snake eel
Scolecenchelys australis (Macleay, 1881) Shortfin worm eel
Scolecenchelys breviceps (Günther, 1876) Longfin worm eel
Scolecenchelys castlei McCosker, 2006 Deepwater worm eel

728 *Aotea acus*
NEEDLE EEL
Phillipps 1926b: 534–535, pl. 90
Phillipps 1927b: 18
Phillipps 1927c: 11
Whitley 1956b: 402
Castle 1976: 365–366
Hardy 1990: 7

729 *Leptognathus novaezelandiae*
SNAKE EEL
Whitley 1956b: 402
Parrott 1960: 45–46, 58–59, fig. 16
Natusch 1967: 211, fig. 61
Whitley 1968a: 31
Grace R 1972a: 91
Grace A 1974: 22
Russell 1975: 305

730 *Muraenichthys australis*
SAND EEL, SHORTFIN WORM EEL
Griffin 1923: 247–248, pl. 20
Phillipps 1927b: 18
Phillipps 1927c: 11
Griffin 1936: 24
Castle 1964c: 71, 76, 82–83
Castle 1965b: 99
McCosker 1970: 508, 513
Grace R 1972b: 187
Castle 1974b: 610–614
Castle 1976: 365–366
Ayling & Cox 1982: 96
Paulin & Stewart 1985: 8
Paul 1986: 46
Paulin et al. 1989: 73, 249, fig. 8.2b
Paul 2000: 46

731 *Muraenichthys breviceps*
LONGFIN WORM EEL, SHORTHEADED WORM EEL, WORM EEL
Griffin 1921: 351–352, pl. 54
Phillipps 1927b: 18
Phillipps 1927c: 11
Griffin 1936: 24–25
Graham D 1938: 403
Whitley 1955: 110
Graham D 1956: 139–140, one fig.
Parrott 1960: 44, 46, 56–57, fig. 15
Castle 1965b: 99, 112
Natusch 1967: 211, fig. 61
Castle 1974b: 610–614
Castle 1976: 365–366
Ayling & Cox 1982: 96, 97, fig.
Edgar et al. 1982: 26, pl. 11
Paulin & Stewart 1985: 8
Paul 1986: 46, fig
Paulin et al. 1989: 73, 250, fig. 8.2a
Paul 2000: 46, fig.

732 *Muraenichthys breviceps acus*
Whitley 1968a: 3, 31

733 *Muraenichthys breviceps nalituna*
WORM EEL
Whitley 1955: 110
Whitley 1956b: 402
Whitley 1968a: 3

734 *Muraenichthys oliveri*
Waite 1910b: 371, 374, pl. 35.2

735 *Muraenichthys* sp.
Freeman 1998: 38

736 *Myrichthys maculosus*
Francis M 1993b: 142
Francis M 1996a: 49

737 *Myrichthys* sp.
Paulin & Stewart 1985: 8

738 *Ophichthus* sp.
Paulin et al. 1989: 73, 250

739 *0phichthys novae-zealandiae*
Hutton 1896: 318

740 *Ophichthys serpens*
Hutton 1872: 66–67
Sherrin 1886: 306
Hutton 1890: 285
Hutton 1896: 318

741 *Ophichthys*
Gunther 1880b: 287

742 *Ophisaurus*
Hutton 1904c: 4

743 *Ophisurus novae-zealandiae*
Hutton 1904c: 51
Waite 1907: 11
Phillipps 1927c: 11

744 *Ophisurus novae-zelandiae*
SNAKE EEL
Hector & Knox 1870: 34–40, pl. 3
Phillipps 1927b: 18

745 *Ophisurus serpens*
SNAKE EEL
Gill 1893: 113
McCulloch 1929: 68
Griffin 1936: 25–26, fig. 6, pl. 7
Powell 1951: 64
Castle 1959: 183
Castle 1965b: 117
Powell 1966: (1) 565
Castle 1974b: 610–614
Chubb et al. 1979: 10
Thompson 1981: 17, 47–48 (figs)
Ayling & Cox 1982: 96, pl. 7

Kelly 1983: 122
Last et al. 1983: 185, fig.
Paulin & Stewart 1985: 8
Paul & Heath 1985: 27, pl. 6
Paul 1986: 46, fig.
Paulin et al. 1989: 73, 250, fig. 8.1
Paul et al. 1993: 39, fig.
Willis 1995: 66
McClatchie et al. 1997: 667
Paul & Heath 1997b: 23, fig.
Paul 2000: 46, fig.

746 *Quassiremus polyclitellum*
BARRED SNAKE EEL
Castle 1996: 108–116, figs 1, 2

747 *Scolecenchelys australis*
Whitley 1956b: 402
Whitley 1968a: 31

748 SNAKE EEL
Moreland 1965: 125

Family Derichthyidae Longnecked eels

Species recognised in 2015:
Derichthys serpentinus Gill, 1884 Serpent eel
Nessorhamphus ingolfianus (Schmidt, 1912) Spoonbill eel

749 *Derichthys serpentinus*
NECK EEL, SERPENT EEL
Ayling & Cox 1982: 100, fig.
Paulin & Stewart 1985: 9
Paul 1986: 45
Paulin et al. 1989: 75–76, 250, fig. 11.1
Roberts C 1991: 16
Paul 2000: 45

750 *Nessorhamphus ingolfianus*
LONGNECKED EEL
Paulin et al. 1989: 76, 250, fig. 11.2, pl. p. 146[a]

751 *Nessorhamphus* sp.
Paulin & Stewart 1985: 9
Paulin et al. 1989: 250

Family Nemichthyidae Snipe eels

Species recognised in 2015:
Avocettina acuticeps (Regan, 1916) Manypore snipe eel
Avocettina paucipora Nielson & Smith, 1978 Fewpore snipe eel
Labichthys yanoi (Mead & Rubinoff, 1966) Yano's snipe eel
Nemichthys curvirostris (Strömman, 1896) Blackspot snipe eel
Nemichthys scolopaceus Richardson, 1848 Pale snipe eel

752 *Avocettina acuticeps*
BLACK SNIPE EEL
Paulin & Stewart 1985: 7
Paul 1986: 45, fig.
Paulin et al. 1989: 70, 249, fig. 5.2b
Paul 2000: 45

753 *Avocettina gilli*
Nielsen & Smith 1978: 6
Ayling & Cox 1982: 101

754 *Avocettina infans*
BLACK SNIPE EEL
Nielsen & Smith 1978: 6
Ayling & Cox 1982: 101
Paulin & Stewart 1985: 7
Hine et al. 1987: 19
Clark & King 1989: 51
Paulin et al. 1989: 70, 249, fig. 5.2b
Tracey et al. 1990: 33

755 *Avocettina paucipora*
Nielsen & Smith 1978: 33–36, figs 19–20
Paulin & Stewart 1985: 7
Paulin et al. 1989: 70, 249, fig. 5.2b
Hardy 1990: 7
Paul 2000: 45

756 *Avocettina* sp.
Roberts C 1991: 16

757 *Borodinula gilli*
AVOCET EEL
Castle 1961: 1, 3–11, 27, fig. 1–2
Castle 1964c: 71–3
Castle 1965a: 131, 136–140, fig. 2
Whitley 1968a: 31
Castle 1974b: 610–614
Karmovskaja 1977: 196–198, fig. 5
Karmovskaja 1978: 148

758 *Borodinula infans*
Castle 1961: 1, 3–4, 8, 11, 27
Castle 1964c: 71, 73
Castle 1965a: 131, 136–140, fig. 2
Whitley 1968a: 31
Castle 1974b: 610–614, fig.
Karmovskaja 1978: 148

759 *Borodinula major*
Karmovskaja 1977: 198–199, fig. 6
Karmovskaja 1978: 148

760 *Labichthys yanoi*
Nielsen & Smith 1978: 17–22, figs 8–10
Paulin & Stewart 1985: 7
Paulin et al. 1989: 70, 249, fig. 5.4

761 *Nemichthys curvirostris*
Nielsen & Smith 1978: 47–54, figs 28, 30–33
Francis M 1979: 65
Ayling & Cox 1982: 101
Paulin & Stewart 1985: 7
Paul 1986: 45
Paulin et al. 1989: 70, 249, fig. 5.3, pl. p. 146[a]
Paul 2000: 45

762 *Nemichthys scolopaceus*
SLENDER SNIPE EEL, SNIPE EEL
Richardson & Garrick 1953c: 467–468, one fig.
Whitley 1956b: 402
Castle 1959: 179, 183
Castle 1961: 1, 3, 8
Castle 1964c: 71–72, 79, 83
Castle 1965a: 131–136, 144, fig. 1
Castle 1968a: fig. 1
Whitley 1968a: 32
Castle 1973: 121
Castle 1974b: 610–614
Nielsen & Smith 1978: 6, 38–47, fig. 22–7
Ayling & Cox 1982: 101, fig.
Paulin & Stewart 1985: 7
Paul & Heath 1985: 29, pl. 7
Clark & King 1989: 51
Paulin et al. 1989: 70, 249
Karmovskaja 1978: 147
Karmovskaja 1990a: 28, fig. 2
Tracey et al. 1990: 33
Roberts C 1991: 16
Paul et al. 1993: 41, fig.
Paul 2000: 45

763 *Nemichthys* sp.
SNIPE EEL
Robertson et al. 1984: 24
Karmovskaja 1977: 147
Karmovskaja 1990a: 28, fig. 5

Family Congridae Conger eels

Species recognised in 2015:
Ariosoma howensis (McCulloch & Waite, 1916) Blunt–tooth conger
Bassanago bulbiceps (Whitley, 1948) Swollenhead conger
Bassanago hirsutus (Castle, 1960) Hairy conger
Bathyuroconger vicinus (Vaillant, 1888) Largetooth conger
Conger monganius (Phillipps, 1932) Northern conger
Conger verreauxi Kaup, 1856 Southern conger
Gnathophis habenatus (Richardson, 1848) Silver conger
Gnathophis longicauda (Ramsay & Ogilby, 1888) Longtail conger
Gnathophis umbrellabius (Whitley, 1946) Umbrella conger
Gnathophis sp. Enigmatic conger
Gorgasia japonica Abe, Miki & Asai, 1977 Garden eel
Scalanago lateralis Whitley, 1935 Ladder eel

764 *Ariosoma habenata*
Norman 1935: 3
Penrith 1967: 540
Beurois 1975: 55

765 *Ariosoma longicauda*
Moreland 1957: 34

766 *Ariosoma*
Castle 1964a: 3

767 *Bassanago bulbiceps*
DEEPWATER CONGER, HAIRY CONGER, SWOLLENHEADED CONGER
Castle 1960: 464, 467
Whitley 1968a: 29
Karmovskaya 1978: 149
Kerstan & Sahrhage 1980: 155
Thompson 1981: 42
Ayling & Cox 1982: 95
Mitchell 1984: 273
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Clark 1985a: 354
Paulin & Stewart 1985: 8
Paul & Heath 1985: 29, pl. 7
Paul 1986: 45, fig.
Hine et al. 1987: 19
Roberts C 1987a: 158
Clark & King 1989: 51, 55
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 30
Horn 1989: 11
Paulin et al. 1989: 75, 250, fig. 10.6a
Amaoka et al. 1990: 97, fig.
Tracey et al. 1990: 33
Roberts C 1991: 16

Paul et al. 1993: 41, fig.
McClatchie et al. 1997: 665
Paul & Heath 1997b: 24, fig.
Paul 2000: 45, fig.

768 *Bassanago hirsutus*
HAIRY CONGER EEL
Francis M 1979: 65
Thompson 1981: 42
Ayling & Cox 1982: 95, fig.
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Paul & Heath 1985: 29
Paulin & Stewart 1985: 8
Hurst & Bagley 1987: 42
Clark & King 1989: 51
Paulin et al. 1989: 75, 250, fig. 10.6b
Amaoka et al. 1990: 97
Hurst et al. 1990: 49
Roberts C 1991: 16
McClatchie et al. 1997: 665
Paul & Heath 1997b: 24
Paul 2000: 45

769 *Bassanago* sp.
James & Stahl 2000: 438, 448

770 *Bathyuroconger vicinus*
Amaoka et al. 1990: 98, fig.

771 *Conger cinereus*
BLACK-EDGED CONGER
Paulin & Stewart 1985: 8
Paulin et al. 1989: 74, 250, fig. 10.2a
Francis M 1996a: 49

772 *Conger conger*
Norman 1935: 3

773 *Conger verrauxi*
CONGER EEL
Beaglehole 1962: 8, Vol. 2
Beaglehole 1967: 807
Jones & Hadfield 1985: 480

774 *Conger verreauxi*
CONGER EEL, SOUTHERN CONGER
Kanazawa 1958: 257–258
Doogue & Moreland 1961: 198–199, one fig.
Graham J 1963: 167
Moreland 1963: 20, one fig.
Castle 1964a: 1, 17, 19–20, 24–26, 28, 34, 40, figs 7–8
Anon. 1965: 15
McLintock 1966: (3) 708
Powell 1966: (1)565, one fig.
Heath & Moreland 1967: 30, fig. 46
Tong & Elder 1968: 63, 66
Hewitt 1969c: 24
Sorenson 1970: 5, 20–21, 53
Hewitt & Hine 1972: 82
Stead 1973: 9
Castle & Robertson 1974: 99
Castle 1974b: 610–4, fig.
Hewitt 1975: 563–5
Wei et al. 1976: 57
Leach 1979: 118, 121
Thompson 1981: 42
Grabda & Ślósarczyk 1981: 89
Ayling & Cox 1982: 93–94, pl. 7
Edgar et al. 1982: 28, pl. 13
Gunson 1983: 176, 181, fig.
Last et al. 1983: 180, fig.
Paulin & Stewart 1985: 8
Pilgrim 1985: 32
Andrews 1986: 30
Hardy 1986c: 25, 31
Paul 1986: 44, figs
Hardy et al. 1987: 244
Hine et al. 1987: 18
Paulin 1987a: 16, fig.
Roberts C 1987a: 158
Francis M 1988c: 19–20, pl. 13
Fenaughty & Uozumi 1989: 35, 37
Paulin et al. 1989: 74, 250, fig. 10.3a
OECD 1990: 62
Doak 1991: 165, fig.
Roberts C 1991: 16
Paulin & Roberts 1992: 105–107, figs 53a, d, pl. 22C
Leach & Boocock 1993: *
Paul et al. 1993: 37, fig.
Paulin & Roberts 1993: 197
Francis M 1996a: 45, 49
Francis M 1996b: 19, pl. 13
Paulin et al. 1996: 29
Anderson A 1997: 4, 7, 10
Hickford et al. 1997: 252, 255, fig. 3
Leach 1997: * figs
Leach [et al. 1997A]: 60, 61, 62
Leach et al. 1997b: 103, 105, 112
Paul & Heath 1997a: 12, fig.
Horwood et al. 1998: 22, *
Paulin 1998: 20, fig.
Paulin & Roberts 1998: 170, 173
Ryan & Paulin 1998: 131
Weisler et al. 1999: 43
Hine et al. 2000: 19
Paul 2000: 44, 212, figs

775 *Conger vulgaris*
CONGER-EEL
Hutton 1872: 66
Hutton 1875a: 134
Thomson G 1879: 385
Gunther 1880b: 287, 281
Hector 1884b: 55
Hector 1886a: 28
Sherrin 1886: 17–18, 306
Hutton 1890: 285
Thomson G 1892: 214

776 *Conger wilsoni*
NORTHERN CONGER
Kanazawa 1958: 256–257
Castle 1963: 43
Castle 1964a: 1, 17–25, 28, 40, figs 6–7
Anon 1965: 15
Della Croce & Castle 1966: 153–154
Castle 1968b: 697–698, 720
Sorenson 1970: 5, 20–21, 53
Russell 1971b: 83
Grace R 1973: 14
Grace A 1974: 22
Castle & Robertson 1974: 99
Castle 1974b: 610–614, fig.
Grace R 1975: 97
Grace A 1976: 103
Allen et al. 1976: 377
Nicholson 1979: 135
Willan et al. 1979: 451
Thompson 1981: 17, 45–46 (figs), 290, 319, fig. 3
Ayling & Cox 1982: 94, pl. 7
Kelly 1983: 57, 121
Russell 1983: 123
Paulin & Stewart 1985: 8
Paul 1986: 44
Roberts et al. 1986: 358
Hardy et al. 1987: 244
Paulin 1987a: 16
Clark M 1988: 417
Francis M 1988c: 20, pl. 14
Jones G 1988: 453
Paulin et al. 1989: 74, 250, fig. 10.3b
Paulin & Roberts 1992: 105–107, figs 53a, c, pls 22A, B
Francis M 1993b: 142
Paulin & Roberts 1993: 199
Willis 1995: 66
Francis M 1996a: 49
Francis M 1996b: 19–20, pl. 14
Paulin et al. 1996: 29
Paul & Heath 1997a: 12
Enderby & Enderby 1998: 24
Paul 2000: 44, fig.

777 *Conger*
Gill 1893: 123

778 *Conger* sp.
CONGER EEL
Jones & Hadfield 1985: 478
Fenaughty C et al. 1988: 11
Leach & Boocock 1993: *

779 *Conger* sp.
BROWN CONGER
Paulin et al. 1989: 250

780 *Congermuraena habenata*
Ogilby 1898a: 285
Hutton 1904c: 52
Waite 1907: 11
Waite 1911b: 163–164
Phillipps 1921a: 119, 125
Thomson & Anderton 1921: 71
McCulloch 1929: 65
Phillipps 1947: 42, 47
Castle 1963: 18
Penrith 1967: 538

781 *Congermuraena habentata*
Gill 1893: 113

782 *Congrellus*
Waite 1910b: 374

783 *Congromuraena*
Gunther 1880b: 287
Castle 1963: 18

784 *Congromuraena habenata*
SILVER EEL
Gunther 1870: Vol. 8, 42–43
Hector 1884b: 55
Hector 1886a: 28

785 *Congromuraena habentata*
SILVER EEL
Hutton 1872: 66
Sherrin 1886: 306
Hutton 1890: 285

786 *Congromuraena hebenata*
Hutton 1874b: 86

787 *Congromuroena habentata*
SILVER EEL
Hector 1872: 132, pl. 11
Hutton 1873a: 241

788 *Congrus habenatus*
Richardson J 1846: vi, 109–110, pl. 50
Castle 1963: 15–18, 45

789 *Congrus vulgaris*
CONGER EEL
Hector 1872: 132, pl. 11

790 *Congus habenatus*
CONGER EEL
Hector & Knox 1870: 34

791 *Gnathophis habenata*
LITTLE CONGER, SILVER EEL
Phillipps 1927b: 17
Castle 1960: 464
Doogue & Moreland 1961: 199, one fig.
Castle 1963: 17
Heath & Moreland 1967: 30, fig. 45
Tong & Elder 1968: 63, 66
Colman 1972b: 225
Wei et al. 1976: 57, fig.

Shuntov 1979: 72, *
Last et al. 1983: 181, fig.

792 *Gnathophis habenatus*
LITTLE CONGER, SAND EEL, SILVER CONGER, SILVER EEL
Castle 1963: 17, 19–20, 24–25, 30–32, 35–37, 41, 43–46, figs 3–4, 6, 8
Graham J 1963: 167
Castle 1964a: 38–41
Della Croce & Castle 1966: 151–152
Castle 1968a: 95–96
Whitley 1968a: 30
Hewitt & Hine 1972: 85
Castle 1974b: 610–614, fig.
Castle & Robertson 1974: 95–110, fig. 2
Robertson 1975c: 9
Thompson 1981: 42
Ayling & Cox 1982: 94, fig.
Crossland 1982b: 23
Paul et al. 1983: 11
Paulin & Stewart 1985: 8
Paul & Heath 1985: 27, pl. 6
Andrews 1986: 155
Paul 1986: 45, fig.
Roper 1986: 705–717
Paulin et al. 1989: 75, 250, figs 10.4a, 10.5a
Hurst et al. 1990: 49
van Heezik 1990a: 204
Roberts C 1991: 16
Paul et al. 1993: 39, fig.
McClatchie et al. 1997: 666
Paul & Heath 1997a: 13, fig.
Paulin & Roberts 1998: 166
Weisler et al. 1999: 37–43
Hine et al. 2000: 35
Karmovskaya & Paxton 2000: s12–s13, fig. 5
Paul 2000: 45, fig.

793 *Gnathophis habenatus habenatus*
Castle 1963: 15, 20–25, 30–31, 37, 41, 45–46, fig. 1

794 *Gnathophis habenatus longicaudatus*
Castle 1963: 25–37, figs 2, 5

795 *Gnathophis incognitus*
NORTHERN SILVER CONGER EEL, SAND EEL
Castle 1963: 15, 37–46, figs 7–10
Castle 1964a: 22, 39, 41
Castle 1964c: 71, 80–81
Castle 1968a: 95–96
Whitley 1968a: 30
Iwai et al. 1970: 6
Castle 1974b: 610–614
Castle & Robertson 1974: 95–110
Robertson 1975c: 9
Castle 1977: 582
Crossland 1981a: 20
Crossland 1982b: 23
Karmovskaja 1990b: 4

796 *Gnathophis umbrellabia*
SILVER EEL, UMBRELLA CONGER
Castle 1977: 582
Francis M 1979: 65
Thompson 1981: 42
Ayling & Cox 1982: 94, fig.
Paul et al. 1983: 11
Paulin & Stewart 1985: 9
Roper 1986: 705–717
Paulin et al. 1989: 75, 250, figs 10.4a, 10.5a
Karmovskaja 1990b: 4
Roberts C 1991: 3, 16
Paul & Heath 1997a: 13
Paul 2000: 45

797 *Gnathophis umbrellabius*
Karmovskaya & Paxton 2000: s5–s6, s13, fig. 3

798 *Gnathopis habenata*
Phillipps 1927c: 11

799 *Gorgasia japonica*
Castle & Randall 1999: *

800 Heterocongrinae [gen. & sp. indet.]
GARDEN EEL
Paul 1986: 46
Paulin et al. 1989: 74, 250

801 *Poeciloconger* sp.
Francis M 1993b: 142

802 *Poutawa habenata*
LITTLE CONGER EEL
Griffin 1936: 16–17, fig. 3, 4
Whitley 1956b: 401
Parrott 1960: 44, 46, 48, 50–51, fig. 12
Natusch 1967: 211

803 *Poutawa habenatus*
Whitley 1937c: 8

804 *Poutawa*
LITTLE CONGER EEL
Whitley 1937c: 7–8
Castle 1963: 18

805 *Pseudoxenomystax bulbiceps*
SWOLLEN HEADED CONGER
Castle 1960: 463, 467–471, fig. 2
Castle 1961: 16
Castle 1964a: 33, 40
Japan, FSFRL 1972: 83, fig.
JFA 1972: *
Castle 1974b: 610–614
JAMARC 1975: 14, *
JAMARC 1976: 21, *
JAMARC 1979: 18, *

Ayling & Cox 1982: 95, fig.
Vlieg 1988: 18, 22, 37, 44, 49
Vlieg & Body 1988: 151–161
Karmovskaja 1990b: 10

806 *Pseudoxenomystax hirsutus*
HAIRY CONGER, HAIRY EEL
Castle 1960: 463, 465–467, 470–471, fig. 1
Castle 1964a: 33, 41
Penrith 1967: 540
Whitley 1968a: 29
Castle 1974b: 610–614
Taiwan FRI 1978: *
Last & Harris 1981: 192
Ayling & Cox 1982: 95, fig.
Hardy 1990: 7
Karmovskaja 1990b: 10

807 CONGER EEL
Rochon 1783:
Taylor 1855: 412
Taylor 1870: 625
Thomson G 1877: 488
Thomson G 1892: 203–204
Thomson G 1918: 136
Best 1929: 43, 48, 62, 72, 82
Young 1935: 31
Graham D 1939a: 423–424, 428, 430
Phillipps 1947: 50
Banks in Beaglehole 1962: 8, Vol. 2
Moreland 1965: 125
Paul 1966c: (1) 678
Gaskin & Cawthorn 1967: 156, 159–160
Doak 1974s: 1590
Doak 1975a: 1742
Leach [et al. 1999A]: *

808 GARDEN EEL
Doak 1991: 165

Family Nettastomatidae Duckbill eels

Species recognised in 2015:
Facciolella sp. Wonky duckbill eel
Nettastoma parviceps Günther, 1877 White duckbill eel
Venefica proboscidea (Vaillant, 1888) Periscope duckbill eel

809 *Facciolella* sp.
Paulin et al. 1989: 73, 250, fig. 9.2b

810 *Nettastoma parviceps*
Paulin et al. 1989: 73, 250, fig. 9.2a
Amaoka et al. 1990: 99, fig.

811 *Nettastoma solitarium*
Paulin et al. 1989: 73, 250, fig. 9.2a

812 *Nettenchelys parviceps*
DUCKBILL EEL
Hine et al. 1987: 20

813 ?*Nettenchelys* sp.
Paulin & Stewart 1985: 8

Family Serrivomeridae Sawtooth eels

Species recognised in 2015:
Serrivomer bertini Bauchot, 1959 Thread eel
Serrivomer samoensis Bauchot, 1959 Sawtooth eel

814 *Serrivomer bertini*
THREAD EEL
Castle 1961: 1, 12, 15
Castle 1964c: 71, 73–74
Castle 1965a: 131, 140–141, fig. 2
Tait, Barker & Gilpin-Brown 1965: 589
Whitley 1968a: 32
Karmovskaya 1978: 148
Ayling & Cox 1982: 100
Paulin & Stewart 1985: 9
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 76, 250, fig. 12.1

815 *Serrivomer samoensis*
SAWTOOTH EEL
Castle 1961: 1, 3, 12–15, 27, fig. 3
Castle 1965a: 131, 141–142
Whitley 1968a: 32
Castle 1974b: 610–614
Ayling & Cox 1982: 100, fig.
Paulin & Stewart 1985: 9
Paul 1986: 45, fig.
Hine et al. 1987: 19
Paulin et al. 1989: 76, 250, fig. 12.1
Tracey et al. 1990: 33
Paul 2000: 45, fig.

816 *Serrivomer* sp.
SAWTOOTH EEL
Clark & King 1989: 51, 55
Roberts C 1991: 16

Order SACCOPHARYNGIFORMES Sackpharynx fishes

Family Cyematidae Bobtail snipe eels

Species recognised in 2015:
Cyema atrum Günther, 1878 Bobtail snipe eel

817 *Cyema atrum*
ARROW EEL, BOBTAIL SNIPE EEL
Castle 1964c: 71, 77, 83, fig. 1
Castle 1968a: 86, fig. 2
Whitley 1968a: 32
Paulin et al. 1989: 70, 249, fig. 6.1

Family Saccopharyngidae Whiptail gulpers

Species recognised in 2015:
Saccopharynx schmidti Bertin, 1934 Schmidt's whiptail gulper

818 *Saccopharynx schmidti*
WHIPTAIL GULPER EEL
Paulin et al. 1989: 77, 250, fig. 13.1

819 *Saccopharynx* sp.
WHIPTAILED GULPER
Clark & King 1989: 51

Family Eurypharyngidae Gulpers

Species recognised in 2015:
Eurypharynx pelecanoides Vaillant, 1882 Pelican eel

820 *Eupharynx pelecanoides*
GULPER
Grey 1956: 137–139
Ayling & Cox 1982: 102, fig.
Hine et al. 1987: 20

821 *Eurypharynx pelecanoides*
GULPER
Paulin & Stewart 1985: 9
Paulin et al. 1989: 77–78, 250, fig. 14.1

Leptocephalid eels (Various families)

822 *Leptocephalus altus*
GLASS EEL
Hutton 1875a: 134
Hutton 1876: 215
Hutton 1890: 285
Gill 1893: 123
Whitley 1937c: 9

823 *Leptocephalus attenuatus*
Castle 1964c: 79, 83, fig. 1
Whitley 1968a: 30

824 *Leptocephalus conger*
CONGER EEL
Gill 1893: 113
Hutton 1904c: 52
Thomson G 1906: 551
Waite 1907: 11
Waite 1911b: 164
Phillipps 1921a: 119, 125
Thomson & Anderton 1921: 71
Phillipps & Hodgkinson 1922: 94
Ayson 1924: 8
Phillipps 1927b: 17
McCulloch 1929: 65
Young 1929: 140
Phillipps 1932: 229
Graham D 1938: 403
Phillipps 1947: 44, 46
Phillipps 1948: 129
Phillipps 1949c: 20, one fig.
Manter 1954: 483–485, 513, 517–518, 523–525, 538–542, 545–548
Kaberry 1957: 90

825 *Leptocephalus Conger verreauxi*
Castle 1964a: 26–8, fig. 9

826 *Leptocephalus verreauxi*
COMMON CONGER EEL
Griffin 1936: 15–16, pl. 6
Powell 1951: 64, fig. 307
Graham D 1956: 135–139, 267, 271, one fig.
Whitley 1956b: 401
Parrott 1960: 44, 46–50, fig. 11
Natusch 1967: 211, fig. 61
Whitley 1968a: 30
Russell 1969: 112

827 *Leptocephalus giganteus*
GIANT LARVAL EEL
Castle 1959: 179–184, figs 1–2
Castle 1967: 2, 4, 9–11, pl. 2
Whitley 1968a: 30

Castle 1973: 121–124, fig.
Paulin & Moreland 1979a: 267

828 *Leptocephalus Gnathophis habenatus*
Castle 1964a: 38

829 *Leptocephalus labiatus*
CONGER EEL
Phillipps 1932: 229–230, fig. 3
Griffin 1936: 16, pl. 6
Whitley 1956b: 401
Parrott 1960: 48
Natusch 1967: 211

830 *Leptocephalus longirostris*
Haast 1875b: 238
Hutton 1890: 285
Gill 1893: 123
Waite 1894: 225
Whitley 1937c: 9

831 *Leptocephalus mongarius*
SHORT-FINNED CONGER
Phillipps 1932: 230
Castle 1964a: 19

832 *Leptocephalus Synaphobranchus danae*
Bruun 1937: 13, 24, 29, fig. 1
Castle 1961: 19, 23

833 *Leptocephalus wilsoni*
Whitley 1968a: 30

834 *Leptocephalus*
LARVAL EELS
Waite 1911c: 260
Whitley 1956: 401
Castle 1964a: 1, 34
Castle 1964c: 71
Whitley 1968a: 30

Unidentifed 'EELS'

835 EELS
Mair 1903: 319
Graham D 1939a: 423, 425, 433
Phillipps 1947: 41–51
Moreland 1959: 29
McMillan 1961: 143
Moreland 1965: 124
Gaskin & Cawthorn 1967: 162, 165

Order CLUPEIFORMES Herrings

Family Engraulidae Anchovies
Species recognised in 2015:
Engraulis australis (White, 1790) Anchovy

836 *Austranchovia australis*
ANCHOVY
Whitley 1956b: 398
Whitley 1968a: 14

837 *Austrauchovia australis*
ANCHOVY
Parrott 1957: 30

838 *Engraulis antipodum*
ANCHOVY
Waite 1907: 9
Zietz 1908: 294
Waite 1912c: 317
Phillipps 1921a: 118
Phillipps & Hodgkinson 1922: 94
Young & Thomson 1927: 314
Phillipps 1947: 44

839 *Engraulis australis*
ANCHOVY
McCulloch 1920: 43, 46–47, pl. 12
Phillipps & Hodgkinson 1922: 94
Phillipps 1927b: 11
Phillipps 1927c: 11
McCulloch 1929: 42–43
Phillipps 1929b: 345, 1 fig.
Hefford 1936: 71
Fowler 1940: 747, fig. 11
Phillipps 1940: 5–7, figs 2–3
Fowler 1941: 693–694
Fowler 1949: 7
Phillipps 1949c: 9, one fig.
Blackburn 1950a: 4–5
Anon. 1965: 15
Baker 1966: 820–821
McLintock 1966: (3) 707
Paul 1966c: (1) 37, one fig.
Wodzicki & Moreland 1966: 98–99
Heath & Moreland l967: 48, fig. 86
McDowall 1968: 10
Tong & Elder 1968: 63, 66
Godfriaux 1969: 527
Mehl 1969: 393
York 1969: 57, 66
Godfriaux 1970a: 260, 262
Shuntov 1970: 373, 375

Sorenson 1970: 6, 10, 41, 47, 52
Baker 1971: 294
Japan DSTA 1971: 65, *
Webb 1971: 2–29
Baker 1972: 11, 18, 45–47, figs 31, 32
Colman 1972b: 225
Cunningham 1972: 3
Slack 1972: 7
Watkinson & Smith 1972: 34, 45, 48, 75, 89
Webb 1972b: 7, 16
Webb 1972c: 1–51, fig. 6
Webb 1972d: 3, 9, 30, 33
Baker 1973: 2
Waugh 1973: 268, 276
York 1974: 476, 478, 479
McDowall et al. 1975: 2
Robertson 1975c: 6, fig. 2
Allen et al. 1976: 379
Hinds 1976: 152
Slack 1976: 27, 28
Vooren 1976: 16
York 1977: 42, 43, 47, 48, 54
Habib 1978: 25
Robertson 1978b: 85, 86, 88
Smith & Crossland 1978: 342
Chubb et al. 1979: 12
Francis M 1979: 65
Shuntov 1979: 70, *
Habib et al. 1980a: 38
Robertson 1980a: 12, 61
Crossland 1981a: 13–14, figs 3–5
Habib et al. 1981b: 4
Habib et al. 1981d: 5
Thompson 1981: 17, 49, 51, 52 (figs), 317, 320, fig. 11
Ayling & Cox 1982: 17, 105, fig.
Crossland 1982b: 18–19
Habib et al. 1982: 4
Argue & Kearney 1983: 6, 7, 18, 54
James 1983: 52
Kelly 1983: 122
Last et al. 1983: 174, fig.
Paul et al. 1983: 8, 12
Hurst 1984b: 188, 190
McDowall 1984: 21, 26
Bradstock 1985: 135–136, fig.
Francis RI 1985: 375, 382, 384
Jones & Hadfield 1985: 480, figs 3–4
Kingsford 1985: 436
Kingsford & Choat 1985: 622
Paulin & Stewart 1985: 10
Paul & Heath 1985: 31, pl. 8
Wingham 1985: 232–235, 237–238
Kingsford & Choat 1986: 164
Paul 1986: 41, figs
Roper 1986: 705–717, fig. 2
Hine et al. 1987: 21
Livingston 1987a: 283–284, 286–288
Fenaughty C et al. 1988: 10
Kingsford 1988: 464, 466, 468, 471–473
Penlington 1988: 7, 12
Whitehead et al. 1988: 314
Kingsford 1989: 15
Paulin et al. 1989: 79, 250, fig. 16.1
OECD 1990: 6
Roberts C 1991: 11
Carey 1992: 41, 42, 43, 45, figs 1, 2
Kingsford 1992: 44–46, 50, 53
Robertson 1992: 77–81
Tricklebank et al. 1992: 266–270, 273, fig. 4
Harris T 1993: 71
Paul et al. 1993: 51, fig.
Paul & Heath 1997a: 16, fig.
Freeman 1998: 38
Paulin & Roberts 1998: 163, 166
Wongratana et al. 1999: 1719, fig.
Paul 2000: 41, figs, 203–204

840 *Engraulis encrasicholus*
ANCHOVY
Gunther 1868: vol. 7, 385–386
Hector 1872: 119–120, pl. 10
Hutton 1872: 62–63
Gunther 1880b: 287, 281
Hector 1884b: 55
Hector 1886a: 28
Sherrin 1886: 9–11, 305
Thomson JA 1918b: 8
Thomson & Anderton 1921: 32

841 *Engraulis encrasicolus*
Mcculloch 1920: 45–46

842 *Engraulis encrasicholus antipodum*
Gunther 1868: Vol. 7, 386
Hutton 1873b: 270
Hutton 1890: 284

843 *Engraulis japonica*
Paulin & Stewart 1985: 10
Cranfield et al. 1998: 28

844 *Engraulis*
Hubbs 1952: 326
Cassie 1956a: 712

845 ANCHOVY
Hutton 1873a: 449–450
Sherrin 1886: 12
McKenzie 1960: 47
Doogue & Moreland 1961: 236
Sorensen 1965a: 24
Boyce et al. 1986: 4, *

Family Clupeidae Sardines

Species recognised in 2015:
Sardinops sagax (Jenyns, 1842) Pacific pilchard
Sprattus antipodum (Hector, 1872) Slender sprat
Sprattus muelleri (Klunzinger, 1880) Sprat

846 *Alausa melanosticta*
Valenciennes 1847: 444, Vol. 20
McCoy 1867: 13

847 *Amblygaster antipodus*
SPRAT
Waite 1912c: 317
Thomson G 1913: 229, 230, 233
Thomson G 1918: 137
Thomson & Anderton 1921: 68, 70, 79
Benham 1935: 21
Parrott 1957: 28

848 *Amblygaster neopilchardus*
Waite 1916a: 49

849 *Arengus neopilchardus*
Fowler 1941: 624–626

850 *Clupea antipoda*
SPRAT
Hutton 1904c: 51
Phillipps 1921a: 118, 125
Phillipps 1947: 45

851 *Clupea antipodum*
HERRING, SARDINE, SPRAT
Gill 1893: 112
Hutton 1904c: 4
Waite 1907: 10
Regan 1917: 226–228
Archey 1927: 195
Phillipps 1927: 12
Phillipps 1927c: 11
Phillipps 1929a: 345
Phillipps 1929c: 346, one fig.
Hefford 1936: 71
Graham D 1938: 402
Graham D 1939b: 362
Phillipps 1940: 8, 11–12, fig. 5
Fowler 1941: 581–582
Phillipps 1949c: 14, one fig.
Parrott 1957: 28
Anon. 1965: 17
McLintock 1966: (3) 709
Paul 1966c: (1) 37–38, one fig.
Mehl 1969: 390
Shuntov & Demidenko 1970: 98
Godfriaux 1970a: 257
Castle 1975b: 1838, 1839
McDowall 1984: 21, 26

852 *Clupea harengus*
HERRING
Thomson G 1922a: 185–187
Thomson & Anderton 1921: 5, 29–40
Phillipps 1940: 7
Robertson 1974: 617

853 *Clupea holodon*
Regan 1916b: 5

854 *Clupea lata*
Richardson & Gray 1843: 221
Richardson J 1843a: 26
Solander : MS 21

855 *Clupea muelleri*
SPRAT
Regan 1917: 227–228
Phillipps 1927b: 12
Phillipps 1927c: 11
Phillipps 1940: 11

856 *Clupea mulleri*
Klunzinger 1880: 416
Fowler 1941: 582

857 *Clupea neopilchardus*
PILCHARD, SARDINE
Waite 1911b: 158–159, 181, 215
Waite 1912c: 317
Thomson G 1913: 234
Thomson & Anderton 1921: 70
Benham 1935: 21–22

858 *Clupea pilchardus*
PILCHARD
Arthur 1883b: 208–213, pl. 34, 1 fig.
Thomson & Anderton 1921: 32, 74
Benham 1944: 19

859 *Clupea saga*
Sherrin 1886: 31

860 *Clupea sagax*
PICTON BLOATER, PILCHARD, SARDINE, TRUE HERRING
Gunther 1868: Vol. 7, 443–444
Hector 1872: 119–120, 133, pl. 11
Hutton 1872: 63
Hutton 1873a: 241
Hutton 1874b: 86
Robson 1876: 219
Thomson G 1878: 326–327
Castelnau 1879: 362
Thomson G 1879: 381
Gunther 1880b: 660
Arthur 1883b: 208
Hector 1884b: 55

Hector 1886a: 28
Sherrin 1886: 71–79, 305
Hutton 1890: 284
Thomson G 1892: 213
Gill 1893: 112
Ogilby 1897b: 71–72
Hutton 1896: 318
Hair 1903: 319–320
Hutton 1904c: 51
Thomson G 1906: 551
Waite 1907: 10
Zietz 1908: 294
Thomson G 1913: 234
Thomson JA 1918b: 8
Thomson & Anderton 1921: 32, 74, 79

861 *Clupea sprattus*
SPRAT
Robson 1876: 219
Gunther 1880b: 281
Hector 1884b: 55
Hector 1886a: 28
Sherrin 1886: 31, 92–96, 306
Thomson G 1892: 213–214
Thomson JA 1918b: 8
Thomson & Anderton 1921: 32, 74, 78, 94
Parrott 1957: 28

862 *Clupea sprattus* var. *antipodarum*
Colenso 1879b: 572

863 *Clupea sprattus* var. *antipodum*
Hector 1872: 133
Hutton 1873b: 270, pl. 12
Hutton 1875a: 134
Hutton 1890: 284
Sandager 1893: 254

864 *Clupea*
Thomson G 1898a: 577

865 *Harengula antipoda*
SPRAT
Waite 1911b: 160–161
Young & Thomson 1927: 314–318

866 *Harengula antipodum*
SPRAT
Parrott 1957: 28

867 *Maugeclupea antipodum*
SPRAT
Graham D 1956: 76, 80, 97, 102–104, 163, 188, 220, 230, 238–240, 257, 291, 307, 311, 314, 316, 339, 345, 363, 389, one fig.
Whitley 1956b: 399
Parrott 1957: 26–28, 30, 85, 92–93, 141, one fig.
Parrott 1958b: 33, 61
Parrott 1960: 85
Graham J 1963: 167
Whitley 1968a: 14
Knox 1969a: 517
Stonehouse 1969: 520, pl. 112
Webb 1971: 2–29
Webb 1972b: 6, 17
Hughes et al. 1974: 14, 27
Ryan 1974: 133, 134
Eldon & Kelly 1985: 23–26, 51–52

868 *Maugeclupea*
SPRAT
Natusch 1967: 207, fig. 60

869 *Sardina neopilchardus*
PILCHARD, SARDINE
Regan 1916b: 134, 136, pl. 5
Thomson G 1918: 135–136
Phillipps 1921a: 118, 125

870 *Sardinia neopilcharda*
PILCHARD
Phillipps 1927b: 12
Phillipps 1927c: 11
Benham 1936: 26–27
Hefford 1936: 71
Shorland 1937: 224
Wilson 1937: 31
Graham D 1938: 402
Graham D 1939b: 362
Phillipps 1940: fig. 4
Shorland 1950: 32

871 *Sardinia neo-pilchardus*
PICTON HERRING, PILCHARD, SARDINE
Regan 1916a: 14
McCulloch 1919: 172–175, pl. 26
Phillipps & Hodgkinson 1922: 94
Ayson 1924: 7
Phillipps 1924c: 191, 1 fig.
Young & Thomson 1927: 314–318
Archey 1927: 194–5, pl. 1
Phillipps 1929a: 343–345
McLintock 1966: (3) 709
Paul 1966c: (1) 37, one fig.

872 *Sardinops melanostica*
Paulin & Stewart 1985: 10
Cranfield et al. 1998: 28

873 *Sardinops melanosticta*
Cranfield et al. 1998: 28

874 *Sardinops neopilcharda*
PILCHARD
Phillipps 1940: 7–11

875 *Sardinops neopilchardis*
PILCHARD
Cassie 1956a: 712

876 *Sardinops neopilchardus*
PICTON HERRING, PILCHARD, SARDINE
McCulloch 1929: 40
Whitley 1937a: 117–118
Phillipps 1947: 46
Phillipps 1948: 128
Phillipps 1949c: 13, 51, one fig.
Blackburn 1951: 179–184, 190
Graham D 1956: 36, 63, 66, 72, 76, 79–80, 103–107, 163, 165, 188, 209, 220, 230, 238–240, 257, 291, 296, 307, 311, 314, 339, 345, 363, 389, one fig.
Whitley 1956b: 398
Parrott 1957: 29–32, 85, 91–92, 141, one fig.
Parrott 1958b: 33, 49, 61, 92, 97, 100
Blackburn 1960a: 247–264
Humphrey 1960: 626–628
Graham J 1963: 165
Anon. 1965: 16, fig. 38
Baker 1966: 820–821
Morgans 1966: 141
Wodzicki & Moreland 1966: 98–99
Tong & Elder 1968: 63, 66
Whitley 1968a: 14
Godfriaux 1969: 527
Mehl 1969: 393
Tunbridge 1969: 1–41
York 1969: 66
Shuntov 1970: 373, 375
Sorenson 1970: 6, 10, 40–41, 47, 56, fig. 36
Godfriaux 1970a: 249, 262
Waugh 1970: 83
Baker 1971: 294
Webb 1971: 2–29
Baker 1972: 1–64, figs 4, 5, 7, 8, 13–15, 17–39
Cunningham 1972: 3
Hewitt & Hine 1972: 96
Solly & Harrison 1972: 458, 460
Watkinson & Smith 1972: 9, 34, 44–45, 48, 75, 76, 82, 89
Webb 1972b: 6, 7, 16
Webb 1972c: 1–51, fig. 1–5
Webb 1972d: 1, 3, 9, 15, 18, 20, 30, 32, 33, 54
Baker 1973: 1
Waugh 1973: 258, 276
Webb 1973c: 6
Eggleston & Waugh 1974: 27–34
Webb 1974: 29, 30, 35, 38
Baker A 1975a: 2390–4, fig. 2
Robertson 1975c: 11, fig. 7
Hinds 1976: 152
Slack 1976: 27, 28
Waugh 1976a: 17, 19, 28
York 1977: 43
Habib 1978: 25
Robertson 1978b: 85–86, 88
Smith & Crossland 1978: 342
Francis M 1979: 65
Shuntov 1979: 70, *
Habib, Clement & Fisher 1980c: 33
Robertson 1980a: 11, 12, 61
Crossland 1981a: 14–17, figs 6–8
Flain 1981: 23
Habib, Clement & Fisher 1981a: 32
Habib, Clement & Fisher 1981b: 4
Habib, Clement & Fisher 1981d: 4, 5
Thompson 1981: 17, 49, 50, 53–55 (figs), 317, 320, 337, 339, figs 11, 12
Ayling & Cox 1982: 104, pl. 8
Crossland 1982b: 18, 20–21, 49, 50
Habib, Clement & Fisher et al. 1982: 4
Argue & Kearney 1983: 6, 7, 18, 54
James 1983: 52
Johnston 1983: 5
Last et al. 1983: 173, fig.
Paul et al. 1983: 11
McDowall 1984: 26
Francis RI 1985: 375–377, 382, 384
Jones & Hadfield 1985: 480, figs 3–4
Kingsford 1985: 436
Kingsford & Choat 1985: 622, 624
Paulin & Stewart 1985: 9
Paul & Heath 1985: 31, pl. 8
Whitehead 1985: 60, fig.
Wingham 1985: 231–235, 237–238
Kingsford & Choat 1986: 164–165
Paul 1986: 40, figs
Roper 1986: 705–717, fig. 2
Hine et al. 1987: 21
Fenaughty C et al. 1988: 13
Kingsford 1988: 464–466, 468, 471–472, fig. 1
Vlieg 1988: 17, 21, 31, 42, 49
Paulin et al. 1989: 78, 250, fig. 15.1
OECD 1990: 200, 232
Roberts C 1991: 11
Carey 1992: 42
Kingsford 1992: 44–46, 50, 53
Paul 1992: 885
Robertson 1992: 77–81
Tricklebank et al. 1992: 266, 268–270, 273, fig. 4
Harris T 1993: 71
Paul et al. 1993: 51, fig.
Willis 1995: 60–62, 66
Smith et al. 1996: 1–52, figs
Paul & Heath 1997a: 14, fig.
Grant & Bowen 1998: 417
Northcote 1998: 49
Paulin 1998: 47, fig.
Paulin & Roberts 1998: 163, 166
Dudley et al. 2000: 785
Paul 2000: 40, 204, figs
Tolimieri et al. 2000: 221

877 *Sardinops "neopilchardus"*
Bowen & Grant 1997: *, fig. 1

878 *Sardinops sagax*
Jones & Rhodes 1994: 379–383, figs 1, 2
Jones et al. 1997: 383–392
Paul & Heath 1997a: 14

879 *Sardinops sagax neopilchardus*
Parin 1959: 1
Parrish et al. 1989: 2021–2022, 2024, 2028, fig. 3
Hyatt et al. 1997: 17–29
Whittington et al. 1997: 1–16
Hine et al. 2000: 30

880 *Sardinops*
PILCHARD
Hubbs 1952: 326
Natusch 1967: 207, fig. 60
Kasahara 1970: 253
Jones J 1990b: 8

881 *Sardinopsis neopilchardus*
PILCHARD
Knox 1969a: 517
Stonehouse 1969: 520

882 *Sprattus antipodium*
Kingsford et al. 1989: 183

883 *Sprattus antipodum*
NZ BLUEBACK SPRAT, SPRAT, SLENDER SPRAT
Morgans 1966: 141–147
Baker 1972: 15, 18, 38, 45–47, fig. 32, 31
Cunningham 1972: 3
Watkinson & Smith 1972: 45, 48, 75
Baker 1973: 1–12, fig. 1–18
Waugh 1973: 268, 276
Baker A 1975a: 2390–2394, fig. 1
Robertson 1975c: 6, fig. 3
Hinds 1976: 152
Slack 1976: 27, 28
Korea FRDA 1978: 67, *
Colman 1979: 263–272
Francis M 1979: 65
Robertson 1978b: 85, 86–87
Shuntov 1979: 70, *
Robertson 1980a: 11, 28–31, 56–63
Shuntov et al. 1980: 40–42
Crossland 1981a: 17, fig. 9
Fenaughty & Bagley 1981: 18, 110, 121
Robertson 1981: fig. 2
Smith & Robertson 1981: 227–233, fig. 1, 3
Thompson 1981: 49, 50
Ayling & Cox 1982: 104, pl. 8
Habib, Clement & Fisher et al. 1982: 4
Smith & Fujio 1982: 8
James 1983: 52
Paul et al. 1983: 11
Francis RI 1985: 375, 384
Paulin & Stewart 1985: 9
Paul & Heath 1985: 31, pl. 8
Whitehead 1985: 45–46, figs
Whitehead et al. 1985: 261–271, figs 1–9
Wingham 1985: 232–234
Paul 1986: 41
Hine et al. 1987: 21
Fenaughty C et al. 1988: 14
Winchester 1988: 621–624
Benson & Smith 1989: fig. 11
Hardy C 1989: 30, 39
Paulin et al. 1989: 78, 250, figs 15.2a, 15.3a
van Heezik 1989: 152, 153
OECD 1990: 133, 275
van Heezik & Seddon 1989: 451–458, figs 1–4
van Heezik 1990a: 203–207, figs 1, 2
van Heezik 1990b: 544–545, 548
van Heezik & Davis 1990: 357, figs 1, 2
van Heezik 1991: 121
Paul et al. 1993: 51, fig.
Moore et al. 1995: 20, 22, 23, 29, 31, figs 12–17
Moore & Wakelin 1997: 18, 20–23, 25, 26, 28
Paul & Heath 1997a: 15
O'Driscoll & McClatchie 1998: 1316
Paulin & Roberts 1998: 166
Shaklee & Bentzen 1998: 595
Moore 1999: 56
Glova & Sagar 2000: 514
Paul 2000: 41, figs, 204

884 *Sprattus bassensis*
Shuntov 1979: 70, *

885 *Sprattus muelleri*
NZ SPRAT, STOUT SPRAT
Robertson 1980a: 28
Paulin & Stewart 1985: 9
Paul & Heath 1985: 31, pl. 8
Whitehead 1985: 47–48, figs
Whitehead et al. 1985: 261–271, figs 1–9
Hardy 1986c: 25, 31
Paul 1986: 41, figs
Kingsford 1988: 466
Benson & Smith 1989: fig. 11
Paulin et al. 1989: 78, 250, figs 15.2b, 15.3b
OECD 1990: 133, 275
Robertson 1992: 78, 79
Paul et al. 1993: 51, fig.
Paul & Heath 1997a: 15
O'Driscoll & McClatchie 1998: 1316
Paul 2000: 41, figs, 204

886 *Sprattus mulleri*
Morgans 1966: 141
Baker 1973: 2

887 *Sprattus* sp.
Smith & Fujio 1982: 8
Hurst 1984b: 188, 190
Hanchet 1991: 315, 318
Roberts C 1991: 11
Paul 1992: 885
Ward & Grewe 1994: 313
Freeman 1998: 38
Hickford & Schiel 1999: 296, fig. 3
James & Stahl 2000: 438, 442, 444, 448

888 *Stolephorus antipodum*
Gill 1893: 112

889 *Stolephorus encrasicholus*
Hutton 1904c: 51

890 HERRING
Taylor 1855: 411
Hector 1872: 114, 118
Thomson G 1877: 488–489
Rutland 1878: 252
Thomson G 1878: 325, 329
Arthur 1883a: 205
Sherrin 1886: 27, 62–3, 65, 72, 92, 96, 284
Thomson G 1892: 204–205, 208
Thomson G 1898: 578
Waite 1911c: 263
Phillipps 1921b: 246
Thomson G 1924: 18
Best 1929: 192
Poata 1929: 12
Graham D 1956: 65, 72, 95
Parrott 1958b: 33, 49, 92, 97, 100
Moreland 1959: 29

891 PICTON HERRING
Hector 1872: 114, pl. 6
Sherrin 1886: 106, 108
Thomson G 1918: 137

892 PILCHARD
Sutherland 1885: 436, pl. 20
Sherrin 1886: 27, 62
Thomson G 1892: 204, 208
Hector 1898d: 551
Hector 1902b: 564
Henry 1902: 571
Hamilton A 1908: 64
Waite 1911c: 263
Thomson G 1924: 18
Thomson G 1926: 18–19
Thomson G 1928: 22–24
Thomson G 1932: 24
Benham 1933: 22
Graham D 1939a: 423–426, 433
Benham 1940: 35
Benham 1941: 35
Doogue & Moreland 1961: 232, 234, 236
Allen 1962: 39
Moreland 1963: 30
Sorensen 1965a: 24
Sorensen 1969a: 20
Sorensen 1969b: 36
Webb 1973g: 10
Boyce et al. 1986: 4, *
Wingham 1989: 69

893 SARDINE
Thomson G 1892: 204–205
Thomson G 1928: 22
Doogue & Moreland 1961: 232
Moreland 1961: 84
Moreland 1963: 30

894 SPRAT
Hutton 1873c: 449–450
Arthur 1883a: 203–208, pl. 34
Arthur 1884: 158
Sherrin 1886: 1, 12, 33, 62
Thomson G 1892: 204–205, 207–208
Thomson G 1924: 18
Thomson G 1926: 18–19
Thomson G 1927: 23
Thomson G 1928: 22–24
Graham D 1939a: 423–426
Doogue & Moreland 1961: 233
Sampson 1962: 34
Doak 1975a: 1742
Boyce et al. 1986: 4, *

Order GONORYNCHIFORMES Sandfishes

Family Chanidae Milkfishes

Note: Recorded in error from New Zealand.

895 *Chanos chanos*
SALMON HERRING, MILK FISH
Waite 1907: 10
Waite 1916b: 453
Phillipps 1927b: 12
Phillipps 1927c: 11
Phillipps 1940: 13
Fowler 1941: 537–541

896 *Chanos salmoneus*
HERRING
Hector 1872: 120, pl. 11
Hutton 1872: 64
Hutton 1873a: 241
Hutton 1874b: 86
Sherrin 1886: 306
Hutton 1890: 284
Gill 1893: 94, 112
Hutton 1904c: 51

Family Gonorynchidae Sandfishes

Species recognised in 2015:
Gonorynchus forsteri Ogilby, 1911 Sandfish
Gonorynchus greyi (Richardson, 1845) Grey's sandfish

897 *Gonorhynchus forsteri*
SAND FISH
Phillipps 1940: 13–14, fig. 6
Whitley 1956b: 399
JFA 1972: *
JAMARC 1975: 14, *
Shuntov 1979: 72, *
Paulin & Roberts 1998: 166

898 *Gonorhynchus gayi*
Benham 1919: 8

899 *Gonorhynchus greyi*
EEL, SAND-EEL, SANDLING
Valenciennes 1846: Vol. 19, 212–213
Gunther 1868: Vol. 7, 373–374
Hector 1872: 119, pl. 10
Hutton 1872: 62
Hutton 1873a: 241
Hutton 1874b: 86
Hutton 1875a: 134
Thomson G 1877: 485, 487, 489
Thomson G 1878: 326, 329
Thomson G 1879: 382, 384
Gunther 1880b: 287, 652–653, figs 297–298
Hector 1884b: 55
Hector 1886a: 28
Sherrin 1886: 84–85, 305
Hutton 1890: 284
Gill 1893: 112
Hutton 1904c: 51
Thomson G 1906: 551
Boulenger 1932: 572
Fowler 1941: 730–731
Graham J 1963: 167
Scott E 1963: 13
Allen et al. 1976: 384
Ayling & Cox 1982: 133

900 *Gonorhynchus gonorhynchus*
BEAKED SALMON, SAND EEL, SAND FISH
Zietz 1908: 295
Stead 1911: 9
Regan 1914c: 14
Thomson & Anderton 1921: 70
Barnard 1925: 125, pl. 6
Norman 1935: 3
Moreland 1957: 34
McAllister 1968: 47
Tong & Elder 1968: 64, 66
JFA 1978: *
Francis M 1979: 66
McDowall 1979a: 208
Ayling & Cox 1982: 133, pl. 7
van den Broek et al. 1984: *
Clark & King 1989: 51
Hardy C 1989: 31
Gauldie 1993c: 1*
Paulin & Roberts 1998: 163

901 *Gonorhynchus gonorynchus*
SAND EEL, SAND FISH
Waite 1907: 11
Waite 1910b: 374
Phillipps 1927b: 13
Phillipps 1927c: 11
Fowler 1928: 28–29
Phillipps 1948: 128
Phillipps 1949c: 14–15, one fig.
Wear 1965: 7

902 *Gonorhynchus*
SAND EEL, SAND FISH
Macleay 1882b: 254–255
Gunther 1889: 38
Benham 1936: 26
Phillipps 1940: 13
Natusch 1967: 207, fig. 60

903 *Gonorrynchus forsteri*
Ogilby 1911: 34

904 *Gonorrynchus greyi*
McCulloch 1912: 79

905 *Gonorynchus forsteri*
SAND EEL, SANDFISH
Graham D 1956: 108–109, one fig.
Whitley 1968a: 15
Scott E 1978: 310
Eldon & Kelly 1985: 23, 52
Grande 1999: 453, 458–459, fig. 1
Roberts & Grande 1999: 195–205, fig. 1, pl. 1

906 *Gonorynchus gonorhynchus*
BEAKED SALMON, SAND EEL, SAND FISH
Paul 1986: 55, fig.
Paul 2000: 55, fig.

907 *Gonorynchus gonorynchus*
SAND EEL, SAND-FISH
Graham D 1938: 402
Paul et al. 1983: 12
Paulin & Stewart 1985: 10
Paul & Heath 1985: 51, pl. 18
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 79–80, 250, fig. 17.1
Roberts C 1991: 16
Paul et al. 1993: 65, fig.

McClatchie et al. 1997: 666
Moore & Wakelin 1997: 20
Paul & Heath 1997a: 17
Jacob et al. 1998: 2126
Roberts & Grande 1999: 195

908 *Gonorynchus greyi*
BEAKED SALMON, SAND EEL, SANDFISH
McCulloch 1929: 52
Chubb et al. 1979: 13
Edgar et al. 1982: 28, pl. 14
Last et al. 1983: 216–217, fig.
Amaoka et al. 1990: 125, fig.
Francis M 1991: 208
Ferraris 1999: 1826
Grande 1999: 459–460, fig. 1
Roberts & Grande 1999: 195

909 *Rynchana greyi*
Richardson J 1846: v, 44–47, pl. 29

910 SAND EEL
Graham D 1939a: 425, 432, 435

Order CYPRINIFORMES Carps

Family Cyprinidae Carps
Species recognised in 2015:
Carassius auratus Linnaeus, 1758 Goldfish
Ctenopharyngodon idellus (Valenciennes, 1844) Grass carp
Cyprinus carpio Linnaeus, 1758 Koi carp
Gobio gobio (Linnaeus, 1758) Gudgeon
Hypophthalmichthys molitrix (Valenciennes, 1844) Silver carp
Leuciscus idus (Linnaeus, 1758) Orfe
Scardinius erythrophthalmus (Linnaeus, 1758) Rudd
Tinca tinca (Linnaeus, 1758) Tench
Freshwater. See McDowall (1964, 1990, 2011).

Order SILURIFORMES Catfishes

Family Ameiuridae Catfishes
Species recognised in 2015:
Ameiurus nebulosus Lesueur, 1819 Brown bullhead catfish
Freshwater. See McDowall (1964, 1990, 2011).

Subdivision EUTELEOSTEI

Order ARGENTINIFORMES

Family Argentinidae Silversides
Species recognised in 2015:
Argentina elongata Hutton, 1879 Silverside

911 *Argentina decagon*
Clarke 1879a: 295–297, pl. 14
Sherrin 1886: 305
Gunther 1887a: 218
Hutton 1890: 284
Gill 1893: 112
Goode & Bean 1895: 52
Waite 1907: 10
Hardy 1990: 7

912 *Argentina elongata*
HERRING SMELT, SILVERSIDE, SNODGALL
Hutton 1879a: 53
Gunther 1887a: 218
Hutton 1890: 284
Goode & Bean 1895: 52
Hutton 1896: 318
Hutton 1904c: 51
Waite 1907: 10
Waite 1911b: 161–163, 184, pl. 24
Thomson G 1913: 230, 234
Thomson & Anderton 1921: 70, 74
Archey 1927: 195
Phillipps 1927b: 14
Phillipps 1927c: 11
McCulloch 1929: 44
Young 1929: 140
Norman 1935: 3
Graham D 1938: 402
Phillipps 1940: 45, fig. 24

Graham D 1956: 121–123, one fig.
Whitley 1956b: 399
Cohen 1958: 133–138, fig. 7
Graham J 1963: 167
Tong & Elder 1968: 63, 66
Whitley 1968a: 15
Iwai et al. 1970: 5
Shuntov & Demidenko 1970: 98
Japan DSTA 1971: 65, *
Shuntov 1971: 337
Anon 1972: 5
Hewitt & Hine 1972: 78
JFA 1972: *
JAMARC 1972: 10, *
Japan FSFRL 1972: 83, fig.
Leont'eva et al. 1974: 118
Robertson 1975c: 11
Wei et al. 1976: 56
JAMARC 1976: 21, *
Fenaughty & O'Sullivan 1978: 146
Taiwan FRI 1978: *
JFA 1978: *
Korea FRDA 1978: 64, *
Kakuda & Kitagawa 1979: 53–66, fig.
JAMARC 1979: 18, *
Shuntov 1979: 71, *
Kerstan & Sahrhage 1980: 7, 91–97, fig. 88
Kawahara 1980: *
JAMARC 1981a: 21, *
Grabda & Ślósarczyk 1981: 88, 93, 95
van den Broek et al. 1981: 138Gr
Ayling & Cox 1982: 106, fig.
Paul et al. 1983: 12
JAMARC 1984: 7, 16, 20, 80–111, fig. 11
Mitchell 1984: 273
van den Broek et al. 1984: *
Clark 1985a: 343, 358–359, fig. 14
Clark 1985b: 365–374, figs 1–5
Paul & Heath 1985: 71, pl. 28
Paul 1986: 54, figs
Hurst & Bagley 1987: 42
Uozumi et al. 1987: 11
Fenaughty C et al. 1988: 14
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 6, 51
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 82, 250, fig. 20.1
van Heezik 1989: 152
Amaoka et al. 1990: 103, fig.
Hurst et al. 1990: 49
OECD 1990: 11, 259
van Heezik 1990a: 203–207, figs 1, 2
van Heezik 1990b: 545, 548
Roberts C 1991: 16
Carey 1992: 42, figs 1, 2
Paul 1992: 885
Gauldie 1993c: 1*
Paul et al. 1993: 127, fig.
Moore et al. 1995: 19, 20, 22, 25, figs 12–17
Russell 1996: 215, 219, 222
McClatchie et al. 1997: 665
Moore & Wakelin 1997: 18, 20, 22, 23, 25, 26
Paul & Heath 1997b: 25, fig.
Jackson G et al. 1998: 59, 63
Jacob et al. 1998: 2119, 2126, 2136, 2137, 2139
Paulin & Roberts 1998: 166
Moore 1999: 57
Weisler et al. 1999: 37–43
Hine et al. 2000: 59
James & Stahl 2000: 438, 443, 444, 448
McClatchie et al. 2000: 182
Paul 2000: 54, figs, 227

913 *Argentina elonguta*
SILVERSIDE
JAMARC 1975: 14, *

914 *Argentina sphyraena*
Gunther 1887a: 218
Hutton 1904c: 51
Barnard 1925: 128

915 *Argentina weileri*
Fowler 1958: 7

916 *Argentina*
Thomson & Anderton 1921: 78
Stokell 1941: 361

917 *Argentina* sp.
Imber 1976a: 127

918 *Glossanodon* sp.
JFA 1977: 127

919 SILVERSIDE
Waite 1911c: 263
Graham D 1939a: 423–426, 430, 432, 434
Boyce et al. 1986: 4, *

Family Opisthoproctidae Spookfishes

Species recognised in 2015:
Dolichopteryx binocularis Beebe, 1932 Winged spookfish
Opisthoproctus grimaldii Zugmayer, 1911 Mirrorbelly
Opisthoproctus soleatus Vaillant, 1888 Spookfish
Rhynchohyalus natalensis (Gilchrist & von Bonde, 1924) Bellows mirrorbelly
Winteria telescopa Brauer, 1901 Slender spookfish

920 *Dolichopteryx binocularis*
Paulin & Stewart 1985: 11
Paulin et al. 1989: 84, 251, fig. 22.3

921 *Opisthoproctus grimaldi*
MIRRORBELLY
Ayling & Cox 1982: 108, fig.
Paulin & Stewart 1985: 11
Paulin et al. 1989: 84, 251, fig.22.2a, pl., p. [146a]

922 *Opisthoproctus soleatus*
Paulin & Stewart 1985: 11
Paulin et al. 1989: 84, 251, fig. 22.2b

923 *Rhyncohyalus natalensis*
Paulin et al. 1989: 84, 251, fig. 22.4a

924 *Winteria telescopus*
Paulin et al. 1989: 84, 251, fig. 22.4b
Roberts C 1991: 16

Family Microstomatidae White smelts

Species recognised in 2015:
Microstoma australis Gon & Stewart, 2014 Southern slender smelt
Nansenia ?*pelagica* Kawaguchi & Butler, 1984 Bigeye smelt
Nansenia ?*tenera* Kawaguchi & Butler, 1984 Soft smelt
Nansenia ?*tenuicauda* Kawaguchi & Butler, 1984 White smelt

925 *Halapha elongata*
Gunther 1889: 39
Hamilton A 1896: 12

926 *Halaphya elongata*
SEA FOAM SMELT
Whitley 1956b: 400
Whitley 1968a: 19

927 *Microstoma microstoma*
SLENDER ARGENTINE
Ayling & Cox 1982: 107, fig.
Paulin & Stewart 1985: 11
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 83, 251, fig. 21.5a

928 *Nansenia* sp.
DEEPSEA SMELT
Robertson et al. 1984: 24
Clark 1985a: 343
Paulin & Stewart 1985: 11
Rosecchi et al. 1988: 299
Paulin et al. 1989: 83, 251, fig. 21.5b
Roberts C 1991: 16

Family Bathylagidae Deepsea smelts

Species recognised in 2015:
Bathylagichthys kobylianskyi Gon & Stewart, 2014 Southern deepsea smelt
Bathylagichthys longipinnis (Kobyliansky, 1985) Stumpy deepsea smelt
Bathylagichthys parini Kobyliansky, 1990 Parin's deepsea smelt
Bathylagichthys problematicus (Lloris & Rucabado, 1985) Pencil deepsea smelt
Bathylagus gracilis Lönnberg, 1905 Lönnberg's deepsea smelt
Bathylagus tenuis Kobyliansky, 1986 Black deepsea smelt
Melanolagus bericoides (Borodin, 1929) Bigscale deepsea smelt

929 *Bathylagus antarcticus*
DEEPSEA SMELT
McCann 1972: 620, fig. 1
Ayling & Cox 1982: 107, fig.
Last et al. 1983: 206, fig.
Paulin & Stewart 1985: 11
Hine et al. 1987: 22
Paulin et al. 1989: 83, 250
Tracey et al. 1990: 33
Hine et al. 2000: 59

930 *Bathylagus ?argyrogaster*
Paulin & Stewart 1985: 11
Paulin et al. 1989: 83, 250, fig. 21.4b

931 *Bathylagus bericoides*
Gorelova & Koglyanskiy 1985: fig. 1
Paulin & Stewart 1985: 11
Paulin et al. 1989: 83, 250

932 *Bathylagus greyae*
Paulin & Stewart 1985: 11
Paulin et al. 1989: 83, 250, fig. 21.4a

933 *Bathylagus longirostris*
Paulin & Stewart 1985: 11
Paulin et al. 1989: 83, 251, fig. 21.4b

934 *Bathylagus ?ochotensis*
Paulin & Stewart 1985: 11
Paulin et al. 1989: 83, 251, fig. 21.4a

935 *Bathylagus* sp.
Paulin & Stewart 1985: 11

Rosecchi et al. 1988: 299
Clark & King 1989: 51, 55
Paulin et al. 1989: 251
Tracey et al. 1990: 33

Family Platytroctidae Tubeshoulders

Species recognised in 2015:
Holtbyrnia laticauda Sazonov, 1976 Barlight tubeshoulder
Maulisia microlepis Sazonov & Golovan, 1976 Smallscale tubeshoulder
Normichthys yahganorum Lavenberg, 1965 Cloaked tubeshoulder
Persparsia kopua (Phillipps, 1942) Common tubeshoulder
Platytroctes apus Günther, 1878 Disc tubeshoulder
Tragularius mesalirus Matsui & Rosenblatt, 1987 Spinynose tubeshoulder

936 *Holtbyrnia laticauda*
Sazonov 1976a: 17–18
Sazonov 1976b: 51, figs 14–15

937 *Holtbyrnia* sp.
Paulin & Stewart 1985: 12
Paulin et al. 1989: 86–87, 251, fig. 24.3a
Tracey et al. 1990: 33

938 *Normichthys ?yahganorum*
Paulin et al. 1989: 86, 251

939 *Normichthys* sp.
Paulin & Stewart 1985: 12
Roberts C 1991: 16

940 *Persparsia kopua*
BALDFISH, SEARSID, SLICKHEAD
Parr 1960: 45, 48–50, figs 33–34
Whitley 1968a: 19
JFA 1972: *
JFA 1978: *
Ayling & Cox 1982: 120
Robertson et al. 1984: 24
Paulin & Stewart 1985: 12
Hine et al. 1987: 23
Clark & King 1989: 55
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 87, 251, fig. 24.3b
Amaoka et al. 1990: 109, fig.
Tracey et al. 1990: 33
Roberts C 1991: 16

941 *Persparsia taaningi*
Paulin & Stewart 1985: 12

Family Alepocephalidae Slickheads

Species recognised in 2015:
Alepocephalus antipodianus (Parrott, 1948) Smallscaled brown slickhead
Alepocephalus australis Barnard, 1923 Largescaled brown slickhead
Alepocephalus productus Gill, 1883 Cosmopolitan slickhead
Asquamiceps hjorti (Koefoed, 1927) Hjort's slickhead
Bajacalifornia megalops (Lütken, 1898) Brown slickhead
Bathytroctes microlepis (Lütken, 1898) Macroscaled slickhead
Conocara murrayi (Koefoed, 1927) Murray's slickhead
Conocara werneri Nybelin, 1947 Blue mascara slickhead
Leptochilichthys agassizii Garman, 1899 Abyssal slickhead
Leptoderma affine Alcock, 1899 Slender tadpole slickhead
Micrognathus normani Parr, 1951 Norman's slickhead
Narcetes stomias (Gilbert, 1890) Blackhead slickhead
Rouleina atttrita (Vaillant, 1888) Softskin slickhead
Rouleina eucla Whitley, 1940 Eucla slickhead
Rouleina guentheri (Alcock, 1892) Bordello slickhead
Talismania longifilis (Brauer, 1902) Threadfin slickhead
Xenodermichthys copei (Gill, 1884) Cope's bluntsnout slickhead

942 *Alepocephalus antipodianus*
SMALLSCALED BROWN SLICKHEAD
Clark et al. 2000: 225

943 *Alepocephalus australis*
SMALL SCALED BROWN SLICKHEAD
Francis M 1979: 65
Robertson et al. 1984: 11, 24
Paulin & Stewart 1985: 12
Hine et al. 1987: 23
Clark M 1988: 418
Clark & King 1989: 28, 45, 51, figs 6–7
Paulin et al. 1989: 85, 251
Tracey et al. 1990: 19, 33
Hine et al. 2000: 59

944 *Alepocephalus* cf. *A. australis*
Amaoka et al. 1990: 104, fig.

945 *Alepocephalus* sp.
Last et al. 1983: 207, fig.
Paulin & Stewart 1985: 12
Hine et al. 1987: 22
Clark M 1988: 418
Clark & King 1989: 12, 28, 45, 51, fig. 7
Paulin et al. 1989: 85, 251
Amaoka et al. 1990: 105, fig.
Tracey et al. 1990: 33
Roberts C 1991: 16

946 *Asquamiceps hjorti*
Paulin et al. 1989: 85, 251

947 *Bajacalifornia calcaratus*
BROWN SLICKHEAD
Paulin et al. 1989: 86, 251, fig. 23.4b

948 *Bathytroctes antipodiana*
BALDFISH, PHANTOM SLICKHEAD
Parrott 1948: 143–145, pl. 31
Whitley 1956b: 400
Whitley 1968a: 19
Francis M 1979: 65
Paulin & Stewart 1985: 12
Paulin et al. 1989: 251

949 *Bathytroctes kopua*
BALDFISH
Phillipps 1942b: 49–50, pl. 16
Parrott 1948: 144–145
Whitley 1956b: 400
Hardy 1990: 7

950 *Herwigia kreffti*
KREFFT'S SLICKHEAD
Paulin et al. 1989: 86, 251

951 *Leptoderma lubricum*
Amaoka et al. 1990: 106, fig.

952 *Rouleina squamilatera*
BLACK SLICKHEAD
Hatanaka et al. 1989B: 31
Amaoka et al. 1990: 107, fig.

953 *Rouleina guentheri*
Amaoka et al. 1990: 107

954 *Rouleina* sp.
BLACK SLICKHEAD, LARGE HEADED SLICKHEAD
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Paulin & Stewart 1985: 12
Hine et al. 1987: 22
Rosecchi et al. 1988: 299
Clark & King 1989: 51, 55
Fenaughty & Uozumi 1989: 35, 37
Paulin et al. 1989: 85, 251, fig. 23.2b

955 *Talismania filamentosa*
Amaoka et al. 1990: 108, fig.

956 *Talismania longifilis*
LONG-FINNED SLICKHEAD, THREADFIN SLICKHEAD
Clark M 1988: 418
Clark & King 1989: 51
Paulin et al. 1989: 86, 251, fig. 23.4a, pl. p. [146a]
Amaoka et al. 1990: 108

957 *Talismania* sp.
SLICKHEAD
Hine et al. 1987: 22

958 *Xenodermichthys copei*
BLACK SLICKHEAD, COPES BLUNTSNOUT SLICKHEAD
Boustead 1982: 10
Paulin & Stewart 1985: 12
Clark & King 1989: 55
Paulin et al. 1989: 85, 251

959 *Xenodermichthys socialis*
BALDFISH, BLACK SLICKHEAD
Ayling & Cox 1982: 120, fig.
Paulin & Stewart 1985: 12
Clark M 1988: 418
Vlieg 1988: 15, 19, 24, 39, 48
Vlieg & Body 1988: 151–161
Clark & King 1989: 45

960 *Xenodermichthys squamilaterus*
BLUNTSNOUT SLICKHEAD
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 85, 251
Roberts C 1991: 5, 16

961 *Xenodermichthys* sp.
BLACK SLICKHEAD
Clark & King 1989: 51
McClatchie et al. 1997: 667
McClatchie et al. 2000: 185

962 *Xenodermichthys* sp.
LARGE-SCALED BLACK SLICKHEAD
Vlieg & Body 1988: 151–161

963 *Xenodermichthys* sp.
BLUNTSNOUTED SLICKHEAD
Tracey et al. 1990: 33

964 *Xenodermichthys* sp.
SMALL-SCALED BLACK SLICKHEAD
Vlieg & Body 1988: 151–161

965 BIGSCALE SLICKHEAD
Gilbert et al. 2000: 460, fig. 5

966 BLACK SLICKHEAD Clark & King 1989: fig. 7

Order SALMONIFORMES Trouts, freshwater smelts, & galaxiids

Family Retropinnidae Southern smelts

Species recognised in 2015:
Retropinna retropinna (Richardson, 1848) Common smelt
Stokellia anisodon (Stokell, 1941) Stokell's smelt
Freshwater. See McDowall (1964, 1990, 2011).

Family Prototroctidae Southern Hemisphere graylings

Species recognised in 2015:
Prototroctes oxyrhynchus Günther, 1870 NZ grayling
Freshwater. See McDowall (1964, 1990, 2011).

Family Galaxiidae Galaxiids, whitebaits, mudfishes

Species recognised in 2015:
Galaxias anomalus Stokell, 1959 Roundhead galaxias
Galaxias argenteus (Gmelin, 1789) Giant kōkopu
Galaxias brevipinnis Günther, 1866 Koaro
Galaxias cobitinis McDowall & Waters, 2002 Lowland longjaw galaxias
Galaxias depressiceps McDowall & Wallis, 1996 Flathead galaxias
Galaxias divergens Stokell, 1959 Dwarf galaxias
Galaxias eldoni McDowall, 1997 Eldon's galaxias
Galaxias fasciatus Gray, 1842 Banded kokopu Dia
Galaxias gollumoides McDowall & Chadderton, 1999 Gollum's galaxias
Galaxias gracilis McDowall, 1967 Dwarf galaxias
Galaxias macronasus McDowall & Wallis, 2003 Bignose galaxias
Galaxias maculatus (Jenyns, 1842) Inanga
Galaxias paucispondylus Stokell, 1938 Alpine galaxias
Galaxias postvectis Clarke, 1899 Shortjaw galaxias
Galaxias prognathus Stokell, 1940 Upland longjaw galaxias
Galaxias pullus McDowall 1997 Dusky galaxias
Galaxias vulgaris Stokell, 1949 Canterbury galaxias
Neochanna apoda Günther, 1867 Brown mudfish
Neochanna burrowsius (Phillipps, 1926) Canterbury mudfish
Neochanna diversus Stokell, 1949 Black mudfish
Neochanna heleios Ling & Gleeson, 2001 Burgundy mudfish
Neochanna rekohua (Mitchell, 1995) Chathams mudfish
Freshwater. See McDowall (1964, 1990, 2011).

Family Salmonidae Trouts, salmons, chars

Species recognised in 2015:
Oncorhynchus mykiss (Walbaum, 1792) Rainbow trout
Oncorhynchus nerka (Walbaum, 1792) Sockeye salmon
Oncorhynchus tshawytscha (Walbaum, 1792) Chinook salmon
Salmo salar Linnaeus, 1758 Atlantic salmon
Salmo trutta Linnaeus, 1758 Brown trout
Salvelinus fontinalis (Mitchill, 1814) Brook char
Salvelinus namaycush (Walbaum, 1792) Mackinaw
Freshwater. See McDowall (1964, 1990, 2011).

Order STOMIIFORMES Dragonfishes

Family Diplophidae Porthole fishes

Species recognised in 2015:
Diplophos rebainsi Krefft & Parin, 1972 Rebain's portholefish
Diplophos taenia Günther, 1873 Pacific portholefish

967 *Diplophos rebainsi*
ELONGATE LIGHTFISH
Robertson 1975b: 411–415, figs 1–2
Mukhacheva 1978: 21, *
Ayling & Cox 1982: 111, fig.
Paulin & Stewart 1985: 14
Clark & King 1989: 51
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 92, 251
Amaoka et al. 1990: 110, fig.
Tracey et al. 1990: 33

968 *Diplophos taenia*
Spanovskaya & Grigorash 1978b: 134, *
Spanovskaya & Grigorash 1979: 59, *
Paulin & Stewart 1985: 14
Paulin et al. 1989: 92, 251

Family Gonostomatidae Bristlemouths

Species recognised in 2015:
Cyclothone alba Brauer, 1906 White bristlemouth
Cyclothone braueri Jespersen & Tåning, 1926 Brauer's bristlemouth
Cyclothone kobayashii Miya, 1994 Blind bristlemouth
Cyclothone microdon (Günther, 1878) Smalleye bristlemouth
Cyclothone pallida Brauer, 1902 Ghost bristlemouth
Cyclothone pseudopallida Mukhacheva, 1964 Phantom bristlemouth
Margrethia obtusirostra Jespersen & Tåning, 1919 Bighead porthole fish
Sigmops bathyphilus (Vaillant, 1884) Black lightfish
Sigmops ebelingi (Grey, 1960) Ebeling's lightfish
Sigmops elongatum (Günther, 1878) Slender lightfish

969 *Cyclothone alba*
Mukhacheva 1966: 104, fig. 3
Spanovskaya & Grigorash 1978b: 134, *
Spanovskaya & Grigorash 1979: 58, *

970 *Cyclothone braueri*
Whitley 1968a: 20
Mukhacheva 1966: 110, 141, fig. 3, 6
Spanovskaya & Grigorash 1978a: 533–537
Spanovskaya & Grigorash 1978b: 134, *
Spanovskaya & Grigorash 1979: 58, *
Paulin & Stewart 1985: 14
Paulin et al. 1989: 93, 251

971 *Cyclothone microdon*
ROUNDMOUTH
Waite 1912c: 317
Whitley 1956b: 400
Mukhacheva 1964: 111–114, figs 11, 12
Mukhacheva 1966: 121, 141, fig. 12
Whitley 1968a: 20
Mukhacheva 1974: 215, *
Spanovskaya & Grigorash 1978b: 134, *
Spanovskaya & Grigorash 1979: 58, *
Ayling & Cox 1982: 110, fig.
Paulin & Stewart 1985: 14
Paulin et al. 1989: 93, 251

972 *Cyclothone pallida*
Mukhacheva 1964: 107–111, figs 9, 10
Mukhacheva 1966: 133, 141, fig. 10
Mukhacheva 1974: 209, *
Spanovskaya & Grigorash 1978b: 134, *
Spanovskaya & Grigorash 1979: 58, *
Paulin & Stewart 1985: 14
Paulin et al. 1989: 93, 251

973 *Cyclothone pseudopallida*
Mukhacheva 1964: 104–107, figs 7, 8
Mukhacheva 1966: 113, 132, 141, fig. 8
Whitley 1968a: 20
Mukhacheva 1974: 204, *
Spanovskaya & Grigorash 1978b: 134, *
Spanovskaya & Grigorash 1979: 58, *
Paulin & Stewart 1985: 14
Paulin et al. 1989: 93, 251

974 *Cyclothone* sp.
Rosecchi et al. 1988: 300

975 *Gonostoma australis*
Hutton 1875: 134
Hutton 1876: 215
Sherrin 1886: 305

976 *Gonostoma bathyfilum*
Mukhacheva 1972: 236, fig. 12
Parin et al. 1973: 151, *
Spanovskaya & Grigorash 1978b: 134, *
Spanovskaya & Grigorash 1979: 59, *
Paulin & Stewart 1985: 14
Paulin et al. 1989: 93, 251

977 *Gonostoma denudatum*
Hutton 1876: 215

978 *Gonostoma ebelingi*
Paulin & Stewart 1985: 14
Paulin et al. 1989: 93, 251, fig. 28.7

979 *Gonostoma elongatum*
ELONGATED LIGHTFISH
Spanovskaya & Grigorash 1978b: 134, *

Spanovskaya & Grigorash 1979: 59, *
Paulin & Stewart 1985: 14
Hine et al. 1987: 26
Clark & King 1989: 51
Paulin et al. 1989: 93, 251
Tracey et al. 1990: 33

980 *Gonostoma microdon*
Hamilton A 1896: 13–14
Hutton 1904c: 50
Waite 1907: 10
Waite 1910b: 373

981 *Gonostoma raoulensis*
Waite 1910b: 371, 373, pl. 35.1

982 *Gonostoma*
Clarke 1878: 243, 245
Waite 1910b: 383

983 *Margrethia obtusirostra*
BLUNTHEAD LIGHTFISH
Ayling & Cox 1982: 111–112
Paulin & Stewart 1985: 14
Paulin et al. 1989: 93, 251. fig. 28.4

Family Photichthyidae Lighthouse fishes

Species recognised in 2015:
Ichthyococcus australis Mukhacheva, 1980 Lighthousefish
Ichthyococcus ovatus (Cocco, 1838) Oval lighthousefish
Photichthys argenteus Hutton, 1872 Silver lighthouse fish
Polymetme corythaeola (Alcock, 1898) Rendezvous fish
Vinciguerria attenuata (Cocco, 1838) Slender lighthousefish
Vinciguerria nimbaria (Jordan & Williams, 1895) Frilled lighthouse fish
Vinciguerria poweriae (Cocco, 1838) Power's lighthousefish
Woodsia meyerwaardeni Krefft, 1973 Austral lighthousefish

984 *Ichthyococcus elongatus*
Paulin & Stewart 1985: 15
Paulin et al. 1989: 97, 252, pl, p. [146a]

985 *Ichthyococcus ovatus*
Mukhacheva 1980b: 4–7, fig. 1
Paulin & Stewart 1985: 15
Paulin et al. 1989: 97, 252

986 *Ichthyococcus* sp.
Tracey et al. 1990: 33

987 *Phosichthys argenteus*
LIGHT FISH, LIGHTHOUSE FISH
Hutton 1872: 56
Hutton 1873b: 269
Robson 1876: 219
Sherrin 1886: 305
Gill 1893: 112
Hutton 1904c: 50
Waite 1907: 10
Phillipps 1927b: 15
Whitley 1956b: 400
Whitley 1968a: 20
Russell 1996: 215, 219, 223

988 *Photichthys argenteus*
LIGHTHOUSE FISH
Hutton 1873: 269, pl. 15
Gunther 1880a: 26–27, 80
Gunther 1887a: 178–179, pl. 45
Hutton 1890: 284
Goode & Bean 1895: 104
Murray 1895: 599
Hamilton A 1896: 13
Hutton 1896: 318
Barnard 1925: 150
Phillipps 1927c: 11
Norman 1930: 293
Grey 1960: 101, 65
Imber 1973: 651
Imber 1976a: 127
Ayling & Cox 1982: 112, fig
JFA 1982: *
Last et al. 1983: 209–210, fig.
Robertson et al. 1984: 24
Clark 1985a: 342, 343, 348, 352
Paulin & Stewart 1985: 15
Hine et al. 1987: 27
Clark & King 1989: 51, 55
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 97, 252, pl., p. [146a]
Amaoka et al. 1990: 111, fig.
Tracey et al. 1990: 33
Roberts C 1991: 16
McClatchie et al. 1997: 667
Freeman 1998: 38

989 *Photichthys argentus*
Francis M 1979: 65

990 *Photichthys* sp.
Rosecchi et al. 1988: 300

991 *Vinciguerria attenuata*
Paulin et al. 1989: 97, 252

992 *Vinciguerria nimbaria*
FRILLED LIGHTFISH, FRILLED LIGHTHOUSE FISH
Spanovskaya & Grigorash 1978b: 134, *
Spanovskaya & Grigorash 1979: 58, *
Ayling & Cox 1982: 113, fig.
Paulin & Stewart 1985: 15
Paulin et al. 1989: 97, 252

993 *Vinciguerria poweriae*
Spanovskaya & Grigorash 1978b: 134, *
Spanovskaya & Grigorash 1979: 58, *
Paulin et al. 1989: 97, 252

994 *Vinciguerria raoulensis*
McCulloch 1923: 115

995 *Woodsia ?mayerwaardeni*
Pavlov & Andrianov 1986: 155

996 *Woodsia meyerwaardeni*
Spanovskaya & Grigorash 1978b: 134, *
Spanovskaya & Grigorash 1979: 59, *
Paulin & Stewart 1985: 15
Paulin et al. 1989: 97, 252
Amaoka et al. 1990: 112
Roberts C 1991: 16

997 *Woodsia nonsuchae*
Hatanaka et al. 1989A: 51
Amaoka et al. 1990: 112, fig.

Family Sternoptychidae Marine hatchetfishes

Species recognised in 2015:
Argyripnus iridescens McCulloch, 1926 Brilliant pearlside
Argyropelecus aculeatus Valenciennes, 1850 Lovely hatchetfish
Argyropelecus gigas Norman, 1930 Giant hatchetfish
Argyropelecus hemigymnus Cocco, 1829 Common hatchetfish
Argyropelecus olfersi (Cuvier, 1829) Olfer's hatchetfish
Argyropelecus sladeni Regan, 1908 Lowcrest hatchetfish
Maurolicus australis Hector, 1875 Pennant pearlside
Polyipnus aquavitus Baird, 1971 Aquavitae hatchetfish
Polyipnus kiwiensis Baird, 1971 Kiwi hatchetfish
Polyipnus parini Borodulina, 1979 Parin's hatchetfish
Polyipnus ruggeri Baird, 1971 Rugby hatchetfish
Polyipnus stereope Jordan & Starks, 1904 Broad-tailed hatchetfish
Polyipnus tridentifer McCulloch, 1914 Trident hatchetfish
Polyipnus unispinus Schultz, 1938 Onespine hatchetfish
Sternoptyx diaphana Hermann, 1781 Delicate hatchetfish
Sternoptyx obscura Garman, 1899 Thin hatchetfish
Sternoptyx pseudodiaphana Borodulina, 1977 False oblique hatchetfish

998 *Argyripnus iridescens*
BRILLIANT PEARLSIDE
Spanovskaya & Grigorash 1978b: 134, *
Spanovskaya & Grigorash 1979: 59, *
Paulin & Stewart 1985: 14
Paulin et al. 1989: 94, 251, fig. 29.2a

999 *Argyropelecus aculeatus*
LOVELY HATCHETFISH
Baird 1971: 48–52, figs 35–39
Borodulina 1978: 41, *
Paulin & Stewart 1985: 14
Paulin et al. 1989: 95, 251, fig. 29.5a

1000 *Argyropelecus gigas*
GIANT HATCHETFISH
Baird 1971: 38–42, figs 24–27
Borodulina 1978: 36, *
JFA 1978: *
Ayling & Cox 1982: 113–115, fig.
Robertson et al. 1984: 24
Paulin & Stewart 1985: 14
Paul & Heath 1985: 73, pl. 29
Paul 1986: 55, fig.
Hine et al. 1987: 26
Clark & King 1989: 51
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 95, 251, fig. 29.3a
Amaoka et al. 1990: 113, fig.
Roberts C 1991: 16
Paul & Heath 1997b: 26, fig.
Paul 2000: 55, fig.

1001 *Argyropelecus hemigymnus*
COMMON HATCHETFISH
Norman 1930: 303
Baird 1971: 42–48, figs 28–34
Borodulina 1978: 38, *
JFA 1978: *
Ayling & Cox 1982: 115–116, fig. 115
Clark 1985a: 349
Paulin & Stewart 1985: 14
Hine et al. 1987: 26
Clark & King 1989: 55
Paulin et al. 1989: 95, 251, fig. 29.4a
Tracey et al. 1990: 33

1002 *Argyropelecus intermedius*
HATCHET FISH
Clarke 1878: 244–245, pl. 6
Sherrin 1886: 305
Hutton 1890: 284
Gill 1893: 113
Hutton 1904c: 50
Waite 1907: 11
Phillipps 1927b: 15
Phillipps 1927c: 11
Whitley 1956b: 400
Whitley 1968a: 21

1003 *Argyropelecus lynchus*
Paulin & Stewart 1985: 14
Paulin et al. 1989: 95, 252, figs 29.7b, 29.8b

1004 *Argyropelecus olfersi*
Baird 1971: 52–56, figs 40–42
Borodulina 1978: 44, *
Paulin & Stewart 1985: 14
Paulin et al. 1989: 95, 252, fig. 29.5c
Amaoka et al. 1990: 114, fig.

1005 *Argyropelecus sladeni*
Baird 1971: 56–63, figs 43–46
Borodulina 1978: 46, *
Paulin & Stewart 1985: 14
Paulin et al. 1989: 95, 252, figs 29.7a, 29.8a

1006 *Argyrypelecus*
GIANT HATCHETFISH
Hatanaka et al. 1989B: 31

1007 *Maurolicus amethystino-punctatus*
Gunther 1876: 390, 399
Gunther 1877: 472
Hutton 1890: 284

1008 *Maurolicus australis*
SOUTHERN PEARLSIDE
Hector 1875a: 250, pl. 11
Hutton 1876: 215
Gunther 1877: 472
Sherrin 1886: 305
Hutton 1890: 284
Gill 1893: 113
Hutton 1904c: 50
Waite 1907: 10
Waite 1910b: 373
McCulloch 1923: 114
Phillipps 1927c: 11
JFA 1972: *
JAMARC 1975: 14, *
Paul & Heath 1997b: 26, fig.

1009 *Maurolicus borealis*
Hector 1875a: 250
Hector 1875b: 492

1010 *Maurolicus muelleri*
ELONGATE HATCHETFISH, HATCHETFISH, LIGHT FISH, PEARLSIDE
Norman 1930: 298–299
Robertson 1975c: 10, fig. 6
Robertson 1976: 311–328, fig. 1, 2, 7
Robertson et al. 1978: 300, 305
JFA 1978: *
Francis M 1979: 65
Robertson & Mito 1979: 416
Habib et al. 1980c: 33
Mukhacheva 1980a: 41–46, fig. 1
Robertson 1980a: 31, 35
Imber 1981: 68, 72
Robertson 1981: 148–153, figs 1, 2
Ayling & Cox 1982: 113, 114, 118, fig.
Crossland 1982b: 23
Clark 1985a: 342
Paulin & Stewart 1985: 14
Hine et al. 1987: 26, 63
Clark & King 1989: 55
Hatanaka et al. 1989A: 51
Murdoch & Chapman 1989: 62
Paulin et al. 1989: 94, 252, fig. 29.2b
Amaoka et al. 1990: 115, fig.
Livingston 1990: 507
Jackson G et al. 1998: 59, fig. 2
Paulin & Roberts 1998: 166
James & Stahl 2000: 438, 443, 444, 448

1011 *Maurolicus pennanti australis*
SOUTHERN PEARLSIDE
McCulloch 1923: 114–115, pl. 14
Phillipps 1927b: 15

1012 *Maurolicus pennanti*
Barnard 1925: 151

1013 *Maurolicus*
Clarke 1878: 243, 245

1014 *Polyipnus aquavitus*
Paulin & Stewart 1985: 14
Paulin et al. 1989: 96, 252, fig. 29.11a

1015 *Polyipnus kirkii*
Hector 1896: 743

1016 *Polyipnus kiwiensis*
Baird 1971: 103–104, figs 63, 79
Paulin & Stewart 1985: 14
Paulin et al. 1989: 96, 252, fig. 29.12b, pl. p. [146a]
Amaoka et al. 1990: 116, fig
Hardy 1990: 8

1017 *Polyipnus parini*
Borodulina 1979: 4–6, fig. 3

1018 *Polyipnus ruggeri*
Baird 1971: 102–103, figs 63, 78

Paulin & Stewart 1985: 14
Paulin et al. 1989: 96, 252, fig. 29.12a
Hardy 1990: 8

1019 *Polyipnus sterope*
Paulin & Stewart 1985: 14
Paulin et al. 1989: 96, 252

1020 *Polyipnus tridentifer*
JFA 1977: 127
Paulin & Stewart 1985: 15
Clark & King 1989: 55
Paulin et al. 1989: 96, 252

1021 *Polyipnus unispinus*
Paulin & Stewart 1985: 15
Paulin et al. 1989: 96, 252, fig. 29.11b

1022 *Polyipnus* sp.
Clark & King 1989: 55

1023 *Sternoptyx diaphana*
Hutton 1904c: 50
Waite 1907: 11
Baird 1971: 75–79, figs 58–62
Paulin & Stewart 1985: 15
Clark & King 1989: 55
Paulin et al. 1989: 96, 252, fig. 29.3b
Roberts C 1991: 16

1024 *Sternoptyx obscura*
Paulin & Stewart 1985: 15
Paulin et al. 1989: 96, 252, fig. 29.3b

1025 *Sternoptyx pseudodiaphana*
Borodulina 1977: 791–794, figs 1–2
Pavlov & Andrianov 1986: 155
Badcock & Baird 1980: 803–820, figs 2, 8, 11

1026 *Sternoptyx* sp.
HATCHETFISH
Clark & King 1989: 51, 55

1027 *Valenciennellus tripunctulatus*
Spanovskaya & Grigorash 1978b: 134, *
Spanovskaya & Grigorash 1979: 59, *

1028 *Triarcus australis*
SOUTHERN PEARLSIDE
Waite 1910a: 386, pl. 38
Waite 1912c: 317
McCulloch 1923: 113–115
Whitley 1956b: 400
Whitley 1968a: 21

Family Stomiidae Dragonfishes

Subfamily Astronesthinae Snaggletooth

Species recognised in 2015:
Astronesthes boulengeri Gilchrist, 1902 Whitepatch stareater
Astronesthes illuminatus Parin, Borodulina & Hulley, 1999 Light stareater
Astronesthes indopacificus Parin & Borodulina, 1997 Indopacific stareater
Astronesthes kreffti Gibbs & McKinney, 1988 Krefft's stareater
Astronesthes lucilucca Parin & Borodulina, 1996 Lightcheek stareater
Astronesthes psychrolutes (Gibbs & Weitzman, 1965) Violetpatch stareater
Astronesthes cf. *tatyanae* Parin & Borodulina, 1998 Tatyana's stareater
Borostomias antarcticus (Lönnberg, 1905) Southern snaggletooth
Borostomias mononema (Regan & Trewavas, 1929) Snaggletooth
Neonesthes capensis (Gilchrist & von Bonde, 1924) Cape snaggletooth
Neonesthes microcephalus Norman, 1930 Smallhead snaggletooth
Rhadinesthes decimus (Zugmayer, 1911) Slender snaggletooth

1029 *Astronesthes boulengeri*
EATER OF STARS
Bussing 1965: 198–199, fig. 5
Whitley 1968a: 20
Parin et al. 1973: 151, *
Paulin & Stewart 1985: 15
Paulin et al. 1989: 100, 252, fig. 33.4a
Roberts C 1991: 5, 17
Parin et al. 1999: 560–561

1030 *Astronesthes kreffti*
Paulin et al. 1989: 100, 252, fig. 33.4a
Amaoka et al. 1990: 119, fig.

1031 *Astronesthes illuminatus*
Parin et al. 1999: 567–567, figs 5, 6

1032 *Astronesthes martensii*
Paulin & Stewart 1985: 15

1033 *Astronesthes niger*
Paulin & Stewart 1985: 15

1034 *Astronesthes psychrolutes*
Paulin et al. 1989: 100, 252, fig. 33.4a
Roberts C 1991: 17

1035 ***Astronesthes ?similis***
Paulin & Stewart 1985: 15

1036 ***Astronesthes trifibulatus***
Amaoka et al. 1990: 120, figs

1037 ***Astronesthes*** **sp.**
SNAGGLETOOTH
Clark & King 1989: 51

1038 ***Borostomias antarcticus***
SNAGGLETOOTH
Paulin & Stewart 1985: 15
Hine et al. 1987: 28
Paulin et al. 1989: 100, 252
Roberts C 1991: 5, 17

1039 ***Borostomias mononema***
Paulin et al. 1989: 100, 252

1040 ***Borostomias*** **sp.**
DEEPSEA SNAGGLETOOTH
Tracey et al. 1990: 33

1041 ***Neonesthes capensis***
DEEPSEA SNAGGLETOOTH
Whitley 1968a: 20
Ayling & Cox 1982: 116, fig.
Paulin & Stewart 1985: 15
Paulin et al. 1989: 100, 252
Roberts C 1991: 17

1042 ***Neonesthes microcephalus***
Paulin et al. 1989: 100, 252

1043 ***Neonesthes*** **sp.**
Clark & King 1989: 55

1044 ***Rhadinesthes decimus***
Paulin et al. 1989: 100, 252, fig. 33.4b
Roberts C 1991: 17

Subfamily Stomiinae Scaly dragonfishes

Species recognised in 2015:
Stomias affinis Günther, 1887 Günther's scaly dragonfish
Stomias boa (Risso, 1810) Scaly dragonfish
Stomias gracilis Garman, 1899 Slender scaly dragonfish
Stomias longibarbatus (Brauer, 1902) Longbarbel scaly dragonfish

1045 ***Macrostomias longibarbatus***
Paulin & Stewart 1985: 15
Paulin et al. 1989: 99, 252, fig. 32.2a

1046 ***Stomias boa***
SCALY DRAGONFISH
Hine et al. 1987: 27
Clark & King 1989: 51, 55
Tracey et al. 1990: 33
Jackson G et al. 1998: 56–61, figs 1, 3

1047 ***Stomias boa boa***
DEEPSEA SCALY DRAGONFISH
Gibbs 1969: 4
Shcherbachev & Novikova 1976: 104, fig. 3
Ayling & Cox 1982: 119, fig.
Paulin & Stewart 1985: 15
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 99, 252, pl., p. [146a]
Roberts C 1991: 16

1048 ***Stomias boa gracilis***
Shcherbachev & Novikova 1976: 105, fig. 3
Clark 1985a: 349
Paulin & Stewart 1985: 15
Paulin et al. 1989: 99, 252

1049 ***Stomias gracilis***
JFA 1978: *
Amaoka et al. 1990: 118, fig.

1050 ***Stomias*** **sp.**
Rosecchi et al. 1988: 300

Subfamily Chauliodontinae Viperfishes

Species recognised in 2015:
Chauliodus sloani Bloch & Schneider, 1801 Viperfish

1051 ***Chauliodus danae***
Phillipps, 1942b: 53–54, pl. 17
Morrow 1961: 288, 273

1052 ***Chauliodus dannevigi***
VIPER FISH
Whitley 1956b: 400
Morrow 1961: 288
Whitley 1968a: 20

1053 ***Chauliodus sloanei***
VIPER FISH
Ritchie & Van Berkel 1982: 134

1054 *Chauliodus sloani*
VIPER[-]FISH
Ege 1948: 3–148, figs 1–9, pls
Parin & Novikova 1974: 284, 307, *
JFA 1978: *
Ayling & Cox 1982: 118, fig.
Paulin & Stewart 1985: 15
Paul & Heath 1985: 73, pl. 29
Paul 1986: 55, fig.
Hine et al. 1987: 27
Clark M 1988: 418
Rosecchi et al. 1988: 300
Clark & King 1989: 51, 55
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 98, 252, fig. 31.1
Amaoka et al. 1990: 117, fig.
Tracey et al. 1990: 33
Roberts C 1991: 16
Paul et al. 1993: 143, fig.
Paul & Heath 1997b: 27, fig.
Jackson G et al. 1998: 56, 57, 59, 61, 63
Paul 2000: 55, fig.

1055 *Chauliodus sloani dannevigi*
Haffner 1953: 114, fig. 1

1056 *Chauliodus* sp.
Stewart & Pietsch 1998: 6

Subfamily Melanostomiinae Barbeled dragonfishes

Species recognised in 2015:
Bathophilus abarbatus Barnett & Gibbs, 1968 Beardless dragonfish
Bathophilus ater (Brauer, 1902) Winged dragonfish
Bathophilus brevis Regan & Trewavas, 1930 Rotund dragonfish
Echiostoma barbatum Lowe, 1843 Threadfin dragonfish
Eustomias bigelowi Welsh, 1923 Bigelow's dragonfish
Eustomias enbarbatus Welsh, 1923 Barbate dragonfish
Eustomias flagellifer Clark, 2001 Whip-barbeled dragonfish
Eustomias macronema Regan & Trewavas, 1930 Big-barbeled dragonfish
Eustomias satterleei Beebe, 1933 Satterleei's dragonfish
Eustomias schmidti Regan & Trewavas, 1930 Schmidt's dragonfish
Eustomias trewavasae Norman, 1930 Trewava's dragonfish
Flagellostomias boureei (Zugmayer, 1913) Slender dragonfish
Leptostomias gladiator (Zugmayer, 1911) Gladiator dragonfish
Leptostomias leptobolus Regan & Trewavas, 1930 Thin-barbeled dragonfish
Melanostomias melanops Brauer, 1902 Blackspot dragonfish
Melanostomias niger Gilchrist & von Bonde, 1924
Melanostomias nigroaxialis Parin & Pokhil'skaya, 1978 Blackline dragonfish
Melanostomias tentaculatus (Regan & Trewavas, 1930) Tentacled dragonfish
Melanostomias valdiviae Brauer, 1902 Valdivia dragonfish
Opostomias micripnus (Günther, 1878) Speckled dragonfish
Photonectes braueri (Zugmayer, 1913) Brauer's dragonfish
Trigonolampa miriceps Regan & Trewavas, 1930 Starburst dragonfish

1057 *Bathophilus abarbatus*
Barnett & Gibbs 1968: 828
Paulin & Stewart 1985: 16
Paulin et al. 1989: 102, 252
Hardy 1990: 8

1058 *Bathophilus ater*
Gibbs 1968: 4
Paulin et al. 1989: 102, 252

1059 *Bathophilus brevis*
Paulin & Stewart 1985: 16
Paulin et al. 1989: 102, 252

1060 *Bathophilus filifer*
Paulin & Stewart 1985: 16
Paulin et al. 1989: 102, 252

1061 *Bathophilus metallicus*
Paulin & Stewart 1985: 16
Paulin et al. 1989: 102, 252

1062 *Echiostoma barbatum*
Paulin et al. 1989: 101, 252, fig. 34.5b

1063 *Eustomias enbarbatus*
Paulin & Stewart 1985: 16
Paulin et al. 1989: 101, 252, fig. 34.3c

1064 *Eustomias macronema*
Paulin et al. 1989: 101, 252, fig. 34.3c

1065 *Eustomias satterleei*
Paulin et al. 1989: 101, 252, fig. 34.3c

1066 *Eustomias schmidti*
Paulin et al. 1989: 101, 252, fig. 34.3c

1067 *Eustomias trewavasae*
DEEPSEA DRAGONFISH
Gibbs & Craddock 1973: 159
Ayling & Cox 1982: 117, fig.
Paulin & Stewart 1985: 16
Paulin et al. 1989: 101, 252, fig. 34.3c

1068 *Eustomias* sp.
DEEPSEA DRAGONFISH
Clark & King 1989: 51
Paulin et al. 1989: 101, 252, fig. 34.3c

1069 *Flagellostomias boureei*
Paulin & Stewart 1985: 16
Paulin et al. 1989: 101, 252, fig. 34.3a

1070 *Leptopstomias haplocaulus*
Paulin & Stewart 1985: 16

1071 *Leptostomias cf. gladiator*
Paulin et al. 1989: 101, 252, fig. 34.5a

1072 *Leptostomias haplocaulus*
Paulin et al. 1989: 101, 252, fig. 34.5a

1073 *Leptostomias* sp.
Paulin et al. 1989: 101, 252, fig. 34.5a

1074 *Melanostomias melanops*
Paulin et al. 1989: 101, 252, fig. 34.6b

1075 *Melanostomias niger*
Parin & Pokhilskaya 1978: 66–68, fig. 3
Paulin et al. 1989: 101, 252, fig. 34.6b
Amaoka et al. 1990: 121, figs
Roberts C 1991: 17

1076 *Melanostomias tentaculatus*
Paulin & Stewart 1985: 16
Paulin et al. 1989: 101, 252, fig. 34.6b

1077 *Melanostomias valdiviae*
Paulin et al. 1989: 101, 252, fig. 34.6b

1078 *Melanostomias* sp.
Paulin et al. 1989: 101, 252, fig. 34.6b
Tracey et al. 1990: 33

1079 *Opostomias micripinis*
GIANT BLACK DRAGONFISH
Clark & King 1989: 51

1080 *Opostomias micripnus*
GIANT BLACK DRAGONFISH
Robertson et al. 1984: 24
Paulin & Stewart 1985: 16
Paulin et al. 1989: 101, 252
Tracey et al. 1990: 33
Roberts C 1991: 17

1081 *Photonectes braueri*
Paulin & Stewart 1985: 16
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 101, 252, fig. 34.3b
Roberts C 1991: 17

1082 *Photonectes ?margarita*
Paulin et al. 1989: 101, 252, fig. 34.3b

1083 *Photonectes* sp.
Paulin et al. 1989: 101, 252, fig. 34.3b
Amaoka et al. 1990: 122, fig.

1084 *Trigonolampa ?miriceps*
SCALELESS BLACK DRAGONFISH
Paulin & Stewart 1985: 16
Paulin et al. 1989: 101, 252, fig. 34.6a, pl., p. [146b]
Roberts C 1991: 17

Subfamily Idiacanthinae Black dragonfishes

Species recognised in 2015:
Idiacanthus atlanticus Brauer, 1906 Common dragonfish
Idiacanthus fasciola Peters, 1877 Strap dragonfish

1085 *Idiacanthus atlanticus*
STARRY DRAGON
Hine et al. 1987: 28
Paulin et al. 1989: 103–104, figs 36.2b, 36.3a
Roberts C 1991: 17

1086 *Idiacanthus fasciola*
Francis M 1979: 65
Ayling & Cox 1982: 119
Paulin & Stewart 1985: 16
Paulin et al. 1989: 103–104, figs 36.2a, 36.3b

1087 *Idiacanthus ferox*
Paulin & Stewart 1985: 16

1088 *Idiacanthus niger*
STARRY DRAGON, STARRY DRAGONFISH
Regan 1914c: 14, pl. 10
Archey 1922: 295–296
Phillipps 1927b: 15
Phillipps 1927c: 11
Norman 1930: 315, fig. 25
Regan & Trewavas 1930: 128–129, fig. 124
Whitley 1956b: 400
Novikova 1967: 185–190, figs 5, 6
Whitley 1968a: 21
Parin et al. 1973: 151, *
Ayling & Cox 1982: 119, fig.
Paulin & Stewart 1985: 16

Hine et al. 1987: 7
Amaoka et al. 1990: 124, fig.

1089 *Idiacanthus* sp.
BLACK DRAGONFISH, STARRY DRAGONFISH
Robertson et al. 1984: 24
Paul & Heath 1985: 73, pl. 29
Paul 1986: 55, fig.
Clark & King 1989: 51, 55
Tracey et al. 1990: 33
Paul et al. 1993: 143, fig.
Paul & Heath 1997b: 28, fig.
Paul 2000: 55, fig.

Subfamily Malacosteinae Loosejaws
Species recognised in 2015:
Aristostomias lunifer Regan & Trewavas, 1930 Shimmering loosejaw
Aristostomias polydactylus Regan & Trewavas 1930 Fanfin loosejaw
Malacosteus australis Kenaley, 2007 Southern stoplight loosejaw
Malacosteus niger Ayres, 1848 Northern stoplight loosejaw
Pachystomias microdon (Günther, 1878) Smalltooth dragonfish

1090 *Aristostomias polydactylus*
Paulin et al. 1989: 103, 252

1091 *Aristostomias ?scintillans*
Paulin et al. 1989: 103, 252

1092 *Malacosteus danae*
JFA 1978: *
Paulin & Stewart 1985: 16
Amaoka et al. 1990: 123, figs

1093 *Malacosteus niger*
BLUNTHEAD DRAGONFISH
Ayling & Cox 1982: 19, 117, fig.
Paulin & Stewart 1985: 16
Hine et al. 1987: 28
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 103, 252

1094 *Malacosteus* sp.
BLUNT-HEADED DRAGONFISH, LOOSEJAW
Robertson et al. 1984: 24
Clark M 1988: 418
Rosecchi et al. 1988: 300
Clark & King 1989: 51
Paulin et al. 1989: 103, 252, pl., p. [146b]
Tracey et al. 1990: 33
Roberts C 1991: 17

1095 *Photostomias* sp.
Paulin et al. 1989: 102, 252, fig. 35.2a

Order AULOPIFORMES Lizardfishes

Family Paraulopidae Cucumberfishes
Species recognised in 2015:
Paraulopus nigripinnis (Günther, 1878) Cucumberfish
Paraulopus novaeseelandiae Sato & Nakabo, 2002 New Zealand cucumberfish

1096 *Chlorophthalmus nigripinnis*
CUCUMBER FISH
Waite 1911b: 157, 164–166, pl. 25
Waite 1911d: 25
Waite 1912c: 317
Waite 1916a: 74
Phillipps 1927b: 15
Phillipps 1927c: 11
McCulloch 1929: 80
Norman 1935: 3
Whitley 1956b: 400
Parrott 1960: 39–40
Natusch 1967: 209, fig. 61
McAllister 1968: 91
Tong & Elder 1968: 63, 66
Whitley 1968a: 22
JFA 1972: *
JAMARC 1975: 14, *
JFA 1977: 129
Kawahara 1980: *
Ayling & Cox 1982: 124, fig.
Last et al. 1983: 223, fig.
Paul et al. 1983: 12, 8
Paulin & Stewart 1985: 17
Paul 1986: 54, fig.
Hine et al. 1987: 29
Roberts C 1987a: 158, 159
Clark M 1988: 418
Clark & King 1989: 51, 55
Fenaughty & Uozumi 1989: 35, 37
Horn 1989: 11
Paulin et al. 1989: 105, 253, fig. 38.2a
Amaoka et al. 1990: 129, fig.
Paul 2000: 54, fig.

1097 *Chlorophtalmus nigrippinis*
Shuntov 1979: 71, *

1098 *Chlorophthalmus nigromarginatus*
Wei et al. 1976: 58

1099 *Chloropthalmus nigripinnis*
Baker 1966: 819

1100 CUCUMBER FISH
Waite 1911c: 265
Benham 1941: 34
Moreland 1961: 62

Family Aulopodidae Flagfins

Species recognised in 2015:
Hime pyrhistion Gomon, Struthers & Stewart, 2013 Flaming flagfin
Leptaulopus erythrozonatus Gomon, Struthers & Stewart, 2013 Duckbill flagfin

1101 *Aulops japonica*
JFA 1977: 127

1102 *Aulopus japonicus*
SERGEANT BAKER
Paulin 1984b: 63, fig. 1
Paulin & Stewart 1985: 16
Parin & Kotlyar 1989: 407
Paulin et al. 1989: 104, 252, fig. 37.1
Amaoka et al. 1990: 126.

1103 *Hime japonica*
Parin & Kotlyar 1989: 411–412

1104 *Hime* sp.
Amaoka et al. 1990: 126, figs

Family Synodontidae Lizardfishes

Species recognised in 2015:
Synodus doaki Russell & Cressey, 1979 Doak's lizardfish
Synodus similis McCulloch, 1921 Lavender lizardfish
Synodus variegatus (Lacepède, 1803) Common lizardfish
Trachinocephalus myops (Forster, 1801) Bluntnose lizardfish

1105 *Synodus doaki*
COMMON LIZARDFISH, RED LIZARDFISH
Doak 1974n: 1497, fig [as lizardfish]
Russell & Cressey 1979: 166–169, fig. 1
Cressey 1981: 5, 12–14, figs 7–8
Ayling & Cox 1982: 121–122, pl. 8
Kelly 1983: 45, 122
Schiel 1984: 51, 89
Paulin & Stewart 1985: 17
Francis M et al. 1987: 4, 8
Francis M 1988c: 20, pl. 15
Waples & Randall 1988: 191
Paulin et al. 1989: 109, 253, fig. 41.4
Hardy 1990: 8
Doak 1991: 166, figs
Francis M & Evans 1993: 132
Francis M 1996a: 49
Francis M 1996b: 20, pl. 15
Francis M et al. 1999: 579, 580

1106 *Synodus englemani*
Paulin & Stewart 1985: 17
Francis M et al. 1987: 8
Paulin et al. 1989: 109, 253

1107 *Synodus hoshinonis*
Russell & Ayling 1976: 277–278, fig. 1
Thompson 1981: 56

1108 *Synodus similis*
LAVENDER LIZARDFISH
Cressey 1981: 6, 38–39, fig. 32
Ayling & Cox 1982: 13, 122, fig.
Kelly 1983: 23, 45, 122
Paulin & Stewart 1985: 18
Francis M 1988c: 20, pl. 16
Paulin et al. 1989: 108, 253, fig. 41.3a
Randall et al. 1990: 8
Francis M & Evans 1993: 132
Francis M 1996a: 49
Francis M 1996b: 20, pl. 16
Francis M et al. 1999: 579, 580

1109 *Synodus variegatus*
Francis M 1996a: 49

1110 *Trachinocephalus myops*
Paulin & Stewart 1985: 18
Paulin et al. 1989: 108, 253, fig. 41.2b

Family Chlorophthalmidae Greeneyes

Species recognised in 2015:
Chlorophthalmus acutifrons Hiyama, 1940 Humpback greeneye
Chlorophthalmus pectoralis Okamura & Doi, 1984 Bigeye greeneye

1111 *Chlorophthalmus albatrossis*
Amaoka et al. 1990: 128, fig.

1112 *Chlorophthalmus gracilis*
Gunther 1878b: 182–183
Gunther 1887a: 194–195, pl. 49
Hutton 1890: 283
Gill 1893: 112
Hamilton A 1896: 13
Hutton 1904c: 50
Waite 1907: 13
Waite 1911b: 166
Waite 1911d: 25

1113 *Chlorophthalmus* sp. A
Amaoka et al. 1990: 130, fig.

1114 *Chlorophthalmus* sp. B
Amaoka et al. 1990: 131, fig.

Family Bathysauropsidae Black deepsea lizardfishes

Species recognised in 2015:
Bathysauropsis gracilis (Gunther, 1878) Black deepsea lizardfish

1115 *Bathysauropsis gracilis*
BLACK LIZARD FISH, DEEPSEA LIZARD FISH, FLAT-SNOUTED YELLOW-EYE, LIZARD FISH
Waite 1912c: 317
Barnard 1925: 230–231
Phillipps 1927b: 16
Grey 1956: 129–130
Whitley 1956b: 400
Whitley 1968a: 22 (as "*bathsauropsis*")
Golovan 1976: 35, fig. 9
Ayling & Cox 1982: 123, fig.
Paulin & Stewart 1985: 17
Clark & King 1989: 51
Paulin et al. 1989: 105, 253, fig. 38.2b

1116 *Bathysauropsis*
Waite 1911b: 166

1117 *Bathysaurus gracilis*
Phillipps 1927c: 11

Family Notosudidae Waryfishes

Species recognised in 2015:
Ahliesaurus berryi Bertelsen, Krefft & Marshall, 1976 Fragile waryfish
Luciosudis normani Fraser Brunner, 1931 Norman's waryfish
Scopelosaurus ahlstromi Bertelsen, Krefft & Marshall, 1976 Ahlstrom's waryfish
Scopelosaurus craddocki Bertelsen, Krefft & Marshall, 1976 Craddock's waryfish
Scopelosaurus hamiltoni (Waite, 1916) Giant waryfish
Scopelosaurus herwigi Bertelsen, Krefft & Marshall, 1976 Herwig's waryfish
Scopelosaurus meadi Bertelsen Krefft & Marshall, 1976 Mead's waryfish

1118 *Ahliesaurus berryi*
Paulin & Stewart 1985: 17
Paulin et al. 1989: 107, 253, fig. 40.3a

1119 *Luciosudis normani*
Bertelsen et al. 1976: 92–99, figs 60–63
Paulin & Stewart 1985: 17
Paulin et al. 1989: 107, 253, fig. 40.2
Roberts C 1991: 17

1120 *Luciosudis* sp.
Clark M 1988: 418

1121 *Scopelosaurus ahlstromi*
SLENDER SILVERSIDE
Bertelsen et al. 1976: 37–40, figs 24–25
Ayling & Cox 1982: 129, fig.
Paulin & Stewart 1985: 17
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 107, 253
Amaoka et al. 1990: 133, fig.

1122 *Scopelosaurus gibbsi*
Paulin & Stewart 1985: 17
Paulin et al. 1989: 107, 253

1123 *Scopelosaurus hamiltoni*
Bertelsen et al. 1976: 87–92, figs 57–59
Paulin & Stewart 1985: 17
Paulin et al. 1989: 107, 253, fig. 40.3b
Amaoka et al. 1990: 134, fig.

1124 *Scopelosaurus herwigi*
Paulin & Stewart 1985: 17
Paulin et al. 1989: 107, 253

1125 *Scopelosaurus meadi*
Bertelsen et al. 1976: 64–68, figs 43–45
Paulin & Stewart 1985: 17
Paulin et al. 1989: 107, 253

1126 *Scopelosaurus* sp.
SLENDER SILVERSIDE
Rosecchi et al. 1988: 300
Clark & King 1989: 51, 55

Family Ipnopidae Tripod fishes

Species recognised in 2015:
Bathymicrops brevianalis Nielsen, 1966 Shortarse feelerfish
Bathypterois longifilis Günther, 1878 Feelerfish
Bathypterois oddi Sulak, 1977 Underworld feelerfish

1127 *Bathymicrops brevianalis*
BLIND CUCUMBER FISH
Whitley 1968a: 27
Paulin & Stewart 1985: 17
Paulin et al. 1989: 106, 252, fig. 38.3
Roberts C & Paulin 1997: 214

1128 *Bathymicrops*
BLIND CUCUMBER FISH
Bruun 1953: 171, 174, 2 figs
Whitley 1956b: 400

1129 *Bathypterois longicauda*
Paulin et al. 1989: 106, 252

1130 *Bathypterois longifilis*
FEELER FISH
Hamilton A 1896: 14
Hutton 1904c: 50
Waite 1907: 13
Whitley 1956b: 400
Whitley 1968a: 22
McCann 1972: 620–622, fig. 2, 3
Ayling & Cox 1982: 18, 124, fig.
Paulin & Stewart 1985: 17
Clark & King 1989: 51
Paulin et al. 1989: 106, 253, fig. 38.4
Amaoka et al. 1990: 132, fig.

1131 *Bathypterois longirostris*
TRIPOD FISH
Clark M 1988: 418

1132 *Bathypterois oddi*
Sulak & Shcherbachev 1988: 658, fig. 4
Roberts C & Paulin 1997: 214

1133 *Bathypterois (Bathycygnus) oddi*
TRIPODFISH
Sulak 1977: 99, fig. 29, pl. 6(3)
Paulin et al. 1989: 106, 253, pl., p. [146b]

1134 *Bathypterois*
Waite 1910b: 383

Family Scopelarchidae Pearleyes

Species recognised in 2015:
Benthalbella elongata (Norman, 1937) Elongate greeneye
Benthalbella infans Zugmayer, 1911 Greeneye
Benthalbella macropinna Bussing & Bussing, 1966 Longfin greeneye
Scopelarchoides danae Johnson, 1974 Dana pearleye
Scopelarchoides kreffti Johnson, 1972 Blackbelly pearleye
Scopelarchus analis (Brauer, 1902) Shortfin pearleye
Scopelarchus michaelsarsi Koefoed, 1955 Blackfin pearleye

1135 *Benthalbella infans*
Johnson 1982: 154–157, fig. 39
Paulin et al. 1989: 106, 253, fig. 39.1

1136 *Benthalbella* sp.
Paulin & Stewart 1985: 17

1137 *Scopelarchoides kreffti*
Roberts C 1991: 1, 5, 17

1138 *Scopelarchus* sp.
PEARLEYE
Paulin & Stewart 1985: 17
Paulin et al. 1989: 106, 253, fig. 39.2, pl., p. [146b]
Roberts C 1991: 17

Family Paralepididae Barracudinas

Species recognised in 2015:
Arctozenus risso (Bonaparte, 1840) Quarrel barracudina
Lestidiops jayakari (Boulenger, 1889) Pacific barracudina
Lestidiops mirabilis (Ege, 1933) Tropical barracudina
Macroparalepis affinis Ege, 1933 Slender barracudina
Macroparalepis danae Ege, 1933 Dana barracudina

Macroparalepis longilateralis Post, 1973 Longline barracudina
Macroparalepis macrogeneion Post, 1973 Headband barracudina
Magnisudis prionosa (Rofen, 1963) Giant barracudina
Stemonosudis elegans (Ege, 1933) Elegant pike smelt
Stemonosudis elongata (Ege, 1933)
Stemonosudis ?gracilis (Ege, 1933) Slender pike smelt
Stemonosudis macrura (Ege, 1933)
Stemonosudis molesta (Marshall, 1955)
Sudis hyaline Rafinesque, 1810 Winged barracudina

1139 ***Arctozenus rissoi***
Paulin et al. 1989: 110, 253, fig. 42.4a

1140 ***Lestidiops jayakari jayakari***
Paulin & Stewart 1985: 18
Paulin et al. 1989: 110, 253

1141 ***Lestidiops jayakari pacifica***
Paulin et al. 1989: 110, 253

1142 ***Lestidium gracile***
Paulin & Stewart 1985: 18
Ege 1953: 101–105, 115–116, figs 20, 23

1143 ***Lestidiops gracilis***
Paulin et al. 1989: 110, 253

1144 ***Lestidium nudum***
BARRACUDINA
Waite 1910b: 371, 374
Harry 1953: 230–231
Whitley 1956b: 401
Whitley 1968a: 27
Paulin & Stewart 1985: 18
Paulin et al. 1989: 110, 253

1145 ***Lestidium pseudosphyraenoides***
Paulin & Stewart 1985: 18

1146 ***Lestidium pseudosphyraenoides progressum***
Ege 1953: 82–88, 113–115, figs 17, 22

1147 ***Lestidium*** **sp.**
Roberts C 1991: 17

1148 ***Macroparalepis danae***
SLENDER BARRACUDINA
Harry 1953: 231
Ayling & Cox 1982: 126
Paulin & Stewart 1985: 18
Paulin et al. 1989: 110, 253
Roberts C 1991: 5, 17

1149 ***Macroparalepis macrogeneion***
Paulin & Stewart 1985: 18
Paulin et al. 1989: 110, 253

1150 ***Macroparalepis molestus***
Paulin & Stewart 1985: 18

1151 ***Magnisudis prionosa***
BARRACUDINA
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 109, 253
Tracey et al. 1990: 33
McClatchie et al. 1997: 666
Jacob et al. 1998: 2126

1152 ***Notolepis rissoi***
SLENDER BARRACUDINA
Ayling & Cox 1982: 126, fig.
Paulin & Stewart 1985: 18

1153 ***Paralepis atlantica***
JFA 1978: *

1154 ***Paralepis atlantica prionosa***
BARRACUDINA
Ayling & Cox 1982: 125, fig.
Paulin & Stewart 1985: 18
Hine et al. 1987: 29
Amaoka et al. 1990: 146, fig.

1155 ***Paralepis prionosa***
BARRACUDINA
Whitley 1968a: 27

1156 ***Paralepis prionosa atlantica***
PARALEPID
van den Broek et al. 1984: *

1157 ***Paralepis rissoi***
BARRACUDINA
Ege 1953: 15–16, 37–40, fig. 7
Whitley 1956b: 401
Whitley 1968a: 27

1158 ***Prymnothonoides regani***
BARRACUDINA, VEILED BARRACUDINA
Whitley & Phillipps 1939: 228
Whitley 1956b: 401
Whitley 1968a: 27

1159 ***Prymnothonus***
Regan 1916a: 134, 138, 150, pl. 7

1160 ***Stemonosudis elegans***
Paulin et al. 1989: 110, 253

1161 *Stemonosudis macrurus*
Paulin et al. 1989: 110, 253

1162 *Stemonosudis molestus*
Paulin et al. 1989: 110, 253

Family Anopteridae Daggerfishes

Species recognised in 2015:
Anotopterus pharao Zugmayer, 1911 Daggertooth

1163 *Anotopterus pharao*
DAGGERTOOTH
Paulin & Stewart 1985: 18
Paulin et al. 1989: 111, 253, fig. 43.1, pl., p. [146b]

Family Evermannellidae Sabretooth fishes

Species recognised in 2015:
Coccorella atlantica (Parr, 1928) Atlantic sabretooth Atlantic sabretooth
Coccorella atrata (Alcock, 1894) Black sabretooth Black sabretooth
Evermannella balbo (Risso, 1820) Brown sabretooth Brown sabretooth
Evermannella indica Brauer, 1906 Bronze sabretooth

1164 *Coccorella atlantica*
Paulin et al. 1989: 111, 253, figs 44.2a, 44.3a

1165 *Coccorella atrata*
Paulin et al. 1989: 111, 253, figs 44.2a, 44.3b

1166 *Evermanella indica*
SABRE-TOOTH FISH
Ayling & Cox 1982: 128, fig.
Paulin & Stewart 1985: 18

1167 *Evermannella balbo*
SABRETOOTH FISH
Paulin et al. 1989: 111, 253, fig. 44.2b, pl., p. [146b]

1168 *Evermannella bulbo*
SABRETOOTH FISH
Amaoka et al. 1990: 147, fig.

1169 *Evermannella indica*
Paulin et al. 1989: 111, 253, fig. 44.2b

1170 *Evermannella* sp.
SABER-TOOTHED FISH
Tracey et al. 1990: 33

1171 *Odontostomops braueri*
Paulin & Stewart 1985: 18

1172 *Odontostomops normalops*
Paulin et al. 1989: 111, 253, fig. 44.1
Roberts C 1991: 17

Family Alepisauridae Lancetfishes

Species recognised in 2015:
Alepisaurus brevirostris Gibbs, 1960 Shortsnout lancetfish
Alepisaurus ferox Lowe, 1833 Longsnout lancetfish

1173 *Alepisaurus brevirostris*
SHORT-NOSED LANCET FISH, SHORTSNOUT LANCETFISH
Francis M 1979: 63, 66, 70
Francis M 1981c: 403–407
Roberts & Van Berkel 1982: 134
Ayling & Cox 1982: 127, fig.
Robertson et al. 1984: 24
Paulin & Stewart 1985: 19
Paul & Heath 1985: 77
Paul & Heath 1997b: 29
Clark & King 1989: 51
Paulin et al. 1989: 113, 253, figs 46.1, 46.2a
Tracey et al. 1990: 33
Roberts C 1991: 17

1174 *Alepisaurus ferox*
LANCET-FISH, LONGNOSE LANCET FISH, LONGSNOUT LANCETFISH
Hutton 1902: 197, pl, 9
Hutton 1904c: 50
Waite 1907: 13
Phillipps 1927b: 16
McCulloch 1929: 81
Francis M 1979: 65
Francis M 1981c: 403–407
Ayling & Cox 1982: 126–127, fig.
Paulin & Stewart 1985: 19
Paul & Heath 1985: 77, pl. 31
Paulin et al. 1989: 113, 253, fig. 46.2b

Paul et al. 1993: 141, fig.
Paul & Heath 1997b: 29, fig.

1175 *Alepisaurus richardsoni*
LANCET FISH, WOLF FISH
Whitley 1956b: 401
Whitley 1968a: 28

Family Omosudidae Omosudids
Species recognised in 2015:
Omosudis lowei Günther, 1887 Hammerjaw

1177 *Omosudis lowei*
Paulin & Stewart 1985: 18
Clark & King 1989: 51
Paulin et al. 1989: 112, 253, fig. 45.1
Tracey et al. 1990: 33

Family Bathysauridae Deepsea lizardfishes
Species recognised in 2015:
Bathysaurus ferox Günther, 1878 Deepsea lizardfish

1178 *Bathysaurus ferox*
DEEPSEA BOMBAY DUCK, DEEPSEA LIZARD FISH
Gunther 1878b: 182
Gunther 1887a: 181–185, pl. 46
Hutton 1890: 283
Gill 1893: 112
Goode & Bean 1895: 58–59
Hamilton A 1896: 13
Hutton 1904c: 50
Waite 1907: 13
Barnard 1925: 228–229
Phillipps 1927b: 16
Phillipps 1927c: 11
Schroeder 1940: 233
Grey 1956: 128
Whitley 1956b: 400
Whitley 1968a: 22
Ayling & Cox 1982: 122, fig.
Paulin & Stewart 1985: 18
Vlieg & Body 1988: 151–161
Clark & King 1989: 51
Paulin et al. 1989: 108, 253, fig. 41.2a
Amaoka et al. 1990: 127, fig.
Tracey et al. 1990: 33

Order MYCTOPHIFORMES Lanternfishes

Family Neoscopelidae Blackchins
Species recognised in 2015:
Neoscopelus macrolepidotus Johnson, 1863 Largescale blackchin
Neoscopelus microchir Matsubara, 1943 Shortfin blackchin

1179 *Neoscopelus macrolepidotus*
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 114, 253, fig. 47.2b

1180 *Neoscopelus macrolepidotus*
Hutton 1904c: 50
Waite 1907: 13
McCulloch 1914: 78, pl. 17
Barnard 1925: 246–247
Amaoka et al. 1990: 145, fig.
Roberts C 1991: 5, 17

1181 *Neoscopelus microchir*
Paulin et al. 1989: 114, 253, figs 47.1, 47.2a

1182 *Neoscopelus* sp.
Paulin & Stewart 1985: 19
Clark M 1988: 418
Clark & King 1989: 51

Family Myctophidae Lanternfishes
Species recognised in 2015:
Benthosema suborbitale (Gilbert, 1913) Dimple lanternfish

Bolinichthys longipes (Brauer, 1906) Popeye lanternfish
Bolinichthys nikolayi Becker, 1978 Nikolay's lanternfish
Bolinichthys photothorax (Parr, 1928) Spurcheek lanternfish
Bolinichthys supralateralis (Parr, 1928) Stubby lanternfish
Centrobranchus nigroocellatus (Günther, 1873) Roundnose lanternfish
Ceratoscopelus warmingii (Lütken, 1892) Warming's lanternfish
Diaphus anderseni Tåning, 1932 Andersen's lanternfish
Diaphus bertelseni Nafpaktitis, 1966 Bertelsen's lanternfish
Diaphus brachycephalus Tåning, 1928 Shorthead lanternfish
Diaphus danae Tåning, 1932 Dana lanternfish
Diaphus effulgens (Goode & Bean, 1896) Headlight lanternfish
Diaphus fragilis Tåning, 1928 Fragile lanternfish
Diaphus garmani Gilbert, 1906 Garman's lanternfish
Diaphus hudsoni Zurbrigg & Scott, 1976 Hudson's lanternfish
Diaphus kapalae Nafpaktitis, Robertson & Paxton, 1995 Kapala lanternfish
Diaphus kora Nafpaktitis, Robertson & Paxton, 1995 Spark lanternfish
Diaphus lucidus (Goode & Bean, 1896) Spotlight lanternfish
Diaphus luetkeni (Brauer, 1904) Luetken's lanternfish
Diaphus malayanus Weber, 1913 Malayan lanternfish
Diaphus meadi Nafpaktitis, 1978 Mead's lanternfish
Diaphus metopoclampus (Cocco, 1829) Bluntnose lanternfish
Diaphus mollis Tåning, 1928 Soft lanternfish
Diaphus ostenfeldi Tåning, 1932 Ostenfeld's lanternfish
Diaphus parri Tåning, 1932 Parr's lanternfish
Diaphus perspicillatus (Ogilby, 1898) Flatface lanternfish
Diaphus phillipsi Fowler, 1934 Phillip's lanternfish
Diaphus splendidus (Brauer, 1904) Horned lanternfish
Diaphus suborbitalis Weber, 1913 Glow-in-the-dark lanternfish
Diaphus termophilus Tåning, 1928 Warmwater lanternfish
Diogenichthys atlanticus (Tåning, 1928) Atlantic lanternfish
Electrona carlsbergi (Tåning, 1932) Carlsberg's lanternfish
Electrona paucirastra Bolin, 1962 Belted lanternfish
Electrona risso (Cocco, 1829) Risso's lanternfish
Electrona subaspera (Günther, 1864) Rough lanternfish
Gonichthys barnesi Whitley, 1943 Barnes' lanternfish
Gymnoscopelus bolini Andriashev, 1962 Bolin's lanternfish
Gymnoscopelus fraseri (Fraser-Brunner, 1931) Fraser-Brunner's lanternfish
Gymnoscopelus hintonoides Hulley, 1981 False Midas lanternfish
Gymnoscopelus microlampas Hulley, 1981 Minispotted lanternfish
Gymnoscopelus piabilis (Whitley, 1931) Southern blacktip lanternfish
Hintonia candens Fraser-Brunner, 1949 Golden lanternfish
Hygophum hanseni (Tåning, 1932) Hansen's lanternfish
Hygophum hygomii (Lütken, 1892) Hygom's lanternfish
Hygophum proximum Becker, 1965 Firefly lanternfish
Hygophum reinhardtii (Lütken, 1892) Reinhardt's lanternfish
Krefftichthys anderssoni (Lönnberg, 1905) Krefft's lanternfish
Lampadena luminosa (Garman, 1899) Luminous lanternfish
Lampadena notialis Nafpaktitis & Paxton, 1968 Notal lanternfish
Lampadena speculigera Goode & Bean, 1896 Mirror lanternfish
Lampadena urophaos Paxton, 1963 Tail-light lanternfish
Lampanyctodes hectoris (Günther, 1876) Hector's lanternfish
Lampanyctus alatus Goode & Bean, 1896 Winged lanternfish
Lampanyctus australis Tåning, 1932 Austral lanternfish
Lampanyctus festivus Tåning, 1928 Festive lanternfish
Lampanyctus intricarius Tåning, 1928 Intricate lanternfish
Lampanyctus lepidolychnus Becker, 1967 Mermaid lanternfish
Lampanyctus macdonaldi (Goode & Bean, 1896) MacDonald's lanternfish
Lampanyctus nobilis Tåning, 1928 Noble lanternfish
Lampanyctus pusillus (Johnson, 1890) Pygmy lanternfish
Lampanyctus tenuiformis (Brauer, 1906) Darkfin lanternfish

Lampanyctus sp. Anzac lanternfish
Nannobrachium achirus (Andriashev, 1962) Cripplefin lanternfish
Nannobrachium atrum (Tåning, 1928) Dusky lanternfish
Lampichthys procerus (Brauer, 1904) Blackhead lanternfish
Lobianchia dofleini (Zugmayer, 1911) Doflein's lanternfish
Lobianchia gemellarii (Cocco, 1838) Gemellar's lanternfish
Loweina rara (Lütken, 1892) Rare lanternfish
Metelectrona herwigi Hulley, 1981 Herwig's lanternfish
Metelectrona ventralis (Becker, 1963) Flaccid lanternfish
Myctophum asperum Richardson, 1845 Prickly lanternfish
Myctophum nitidulum Garman, 1899 Pearly spotted lanternfish
Myctophum obtusirostre Tåning, 1928 Bluntsnout lanternfish
Myctophum phengodes (Lütken, 1892) Bright lanternfish
Myctophum selenops Tåning, 1928 Lunar lanternfish
Myctophum spinosum (Steindachner, 1867) Spiny lanternfish
Myctophum sp. B Kermadec lanternfish
Notolychnus valdiviae (Brauer, 1904) Topside lanternfish
Notoscopelus caudispinosus (Johnson, 1863) Spinetail lanternfish
Notoscopelus resplendens (Richardson, 1845) Patchwork lanternfish
Protomyctophum andriashevi Becker, 1963 Andriashev's lanternfish
Protomyctophum bolini (Fraser-Brunner, 1949) Bolin's lanternfish
Protomyctophum normani (Tåning, 1932) Norman's lanternfish
Protomyctophum parallelum (Lönnberg, 1905) Parallel lanternfish
Protomyctophum subparallelum (Tåning, 1932) Subparallel lanternfish
Scopelopsis multipunctatus Brauer, 1906 Multispot lanternfish
Symbolophorus barnardi (Tåning, 1932) Barnard's lanternfish
Symbolophorus boops (Richardson, 1845) Spotfin lanternfish
Symbolophorus evermanni (Gilbert, 1905) Evermann's lanternfish
Taaningichthys bathyphilus (Tåning, 1928) Deepwater lanternfish
Taaningichthys minimus (Tåning, 1928) Waistcoat lanternfish
Triphoturus nigrescens (Brauer, 1904) Vagabond lanternfish

Note: Roberts et al. (2015) have given common names to each species, as above, but in the pre-2000 New Zealand literature only 'lanternfish' has been used, and then only for some species—usually those mentioned in the more general or popular accounts. As all are 'lanternfish', and for simplicity, these occasional uses of the name have not been included in the following citations.

1183 *Benthodesma glaciale parvimanus*
Fraser-Brunner 1949: 1051, fig.

1184 *Benthosema parvimanus*
Paxton 1979: 6

1185 *Benthosema similis*
Whitley 1968a: 24

1186 *Benthosema suborbitale*
Paulin & Stewart 1985: 19
Paulin et al. 1989: 116, 253

1187 *Benthosema*
Tåning 1932: 130

1188 *Bolinichthys longipes*
Paulin & Stewart 1985: 19
Paulin et al. 1989: 116, 253

1189 *Bolinichthys nikolayai*
Paulin & Stewart 1985: 19
Paulin et al. 1989: 116, 253

1190 *Bolinichthys photothorax*
Paulin & Stewart 1985: 19
Paulin et al. 1989: 116, 253

1191 *Bolinichthys supralateralis*
Paulin & Stewart 1985: 19
Paulin et al. 1989: 116, 253

1192 *Centrobranchus choerocephalus*
Becker 1964a: 58, *
Becker 1966: 68, fig. 23
Parin et al. 1973: 151, *
Wisner 1976: 91, figs 74, 77

1193 *Centrobranchus nigroocellatus*
Rass 1960: 148
Whitley 1968a: 26
Paulin & Stewart 1985: 19
Paulin et al. 1989: 115, 254

1194 *Ceratoscopelus townsendi*
Whitley 1956b: 401
Whitley 1968a: 25

1195 *Ceratoscopelus warmingi*
Allen et al. 1976: 381
Robertson et al. 1978: 303
Ayling & Cox 1982: 131, fig.
Paulin & Stewart 1985: 19
Clark & King 1989: 55
Paulin et al. 1989: 116, 253, pl., p. [146b]

1196 *Collettia perspicillata*
Whitley 1956b: 401
Whitley 1968a: 25

1197 *Diaphus anderseni*
Paulin & Stewart 1985: 19
Paulin et al. 1989: 116, 253

1198 *Diaphus bertelseni*
Paulin & Stewart 1985: 19
Paulin et al. 1989: 116, 253

1199 *Diaphus brachycephalus*
Paulin & Stewart 1985: 19
Paulin et al. 1989: 116, 253

1200 *Diaphus coeruleus*!
JFA 1977: 127

1201 *Diaphus danae*
Tåning 1932: 140–141, fig. 13
Nafpaktitis 1973: 29, fig. 26
Allen et al. 1976: 381
JFA 1978: *
Paxton 1979: 9
Paulin & Stewart 1985: 19
Pavlov & Andrianov 1986: 156
Clark & King 1989: 55
Paulin et al. 1989: 116, 253
Amaoka et al. 1990: 135, fig.
Roberts C 1991: 17

1202 *Diaphus effulgens*
Paulin & Stewart 1985: 19
Paulin et al. 1989: 116, 253
Amaoka et al. 1990: 136, fig.

1203 *Diaphus fragilis*
Paulin & Stewart 1985: 19
Paulin et al. 1989: 116, 253

1204 *Diaphus fulgens*
Phillipps 1942b: 51–52, pl. 17

1205 *Diaphus garmani*
Paulin & Stewart 1985: 19
Paulin et al. 1989: 116, 253

1206 *Diaphus holti*
JFA 1978: *
Ayling & Cox 1982: 131, fig.

1207 *Diaphus hudsoni*
Paulin & Stewart 1985: 19
Clark & King 1989: 55
Paulin et al. 1989: 116, 253
Amaoka et al. 1990: 137, fig.
Tracey et al. 1990: 33

1208 *Diaphus impostor*
Nafpaktitis et al. 1995: 335

1209 *Diaphus kapalae*
Nafpaktitis et al. 1995: 342–344, fig. 5

1210 *Diaphus kora*
Nafpaktitis et al. 1995: 341–342, fig. 4

1211 *Diaphus luetkeni*
Paulin & Stewart 1985: 19
Paulin et al. 1989: 116, 253

1212 *Diaphus lucidus*
Paulin & Stewart 1985: 19
Paulin et al. 1989: 116, 253

1213 *Diaphus malayanus*
Paulin & Stewart 1985: 19
Paulin et al. 1989: 116, 253

1214 *Diaphus meadi*
Paulin & Stewart 1985: 19
Paulin et al. 1989: 116, 253
Roberts C 1991: 17

1215 *Diaphus meteopoclampus*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 253

1216 *Diaphus mollis*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 253

1217 *Diaphus ostenfeldi*
Tåning 1932: 142–143, fig. 15
Nafpaktitis 1973: 25–26, fig. 23
JFA 1978: *
Paxton 1979: 9
Paulin & Stewart 1985: 20
Tracey et al. 1990: 33

1218 *Diaphus (Lamprossa) ostenfeldi*
Whitley 1956b: 401
Whitley 1968a: 25

1219 *Diaphus pacificus*
Paulin et al. 1989: 116, 254

1220 *Diaphus parri*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1221 *Diaphus perspicillatus*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1222 *Diaphus phillipsi*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1223 *Diaphus regani*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1224 *Diaphus splendidus*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1225 *Diaphus suborbitalis*
Paulin et al. 1989: 116, 254

1226 *Diaphus termophilus*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1227 *Diaphus wisneri*
Nafpaktitis et al. 1995: 339–341, fig. 3

1228 *Diaphus*
Regan 1916a: 134, 139, pl. 6

1229 *Diaphus* sp.
Imber 1973: 651
Clark 1985a: 348
Hine et al. 1987: 29
Hatanaka et al. 1989B: 31

1230 *Diogenichthys atlanticus*
Rass 1960: 148
Whitley 1968a: 25–26
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1231 *Elampadena subaspera*
Whitley 1968a: 23

1232 *Electrona ahlstromi*
Paxton 1979: 11

1233 *Electrona antarctica*
Whitley 1956b: 400
Whitley 1968a: 23
Belyanina & Kovaleskaya 1980: 81

1234 *Electrona (Hierops) arctica subparallela*
Fraser-Brunner 1949: 1047, fig.

1235 *Electrona carlsbergi*
Fraser-Brunner 1949: 1048, fig.
Whitley 1956b: 400
Whitley 1957: 59
Andriashev 1962: 244–246, fig. 20
Whitley 1968a: 23
Becker 1963: 12, 19
Nafpaktitis 1973: 7, fig. 3
JFA 1978: *
Paxton 1979: 11
Belyanina & Kovaleskaya 1980: 81
Paulin & Stewart 1985: 20
Clark 1985a: 342, 348
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 116, 254
Amaoka et al. 1990: 138, fig.

1236 *Electrona paucirastra*
Robertson et al. 1978: 306
Ayling & Cox 1982: 130, fig.
Clark 1985a: 342, 348
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1237 *Electrona risso*
Wisner 1976: 30–31, fig. 20
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1238 *Electrona risso salubris*
Whitley 1968a: 23

1239 *Electrona rissoi*
Imber 1981: 72
Clark & King 1989: 55
Tracey et al. 1990: 33

1240 *Electrona rissoi salubris*
Moreland 1956: 10, fig. 2
Becker 1964b: 7
Nafpaktitis & Nafpaktitis 1969: 10–11, fig. 8

1241 *Electrona subaspera*
Bussing 1965: 200
Whitley 1968a: 26
JFA 1978: *
Robertson et al. 1978: 304
Clark 1985a: 342, 348
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254
Amaoka et al. 1990: 139, fig.

1242 *Electrona ventralis*
Paulin & Stewart 1985: 20

1243 *Electrona* sp.
Clark & King 1989: 55
Jackson G et al. 1998: 58–60, figs 1–4

1244 *Gonichthys barnesi*
Whitley 1956b: 401
Becker 1964a: 38, *
Becker 1966: 35, 39, fig. 13
Whitley 1968a: 24
Allen et al. 1976: 382

Paulin & Stewart 1985: 20
Paulin et al. 1989: 115, 254

1245 *Gonichthys cocco*
Rass 1960: 148
Whitley 1968a: 26

1246 *Gonichthys tenuiculus*
Becker 1966: fig. 13

1247 *Gonichthys venetus*
Parin et al. 1973: 151, *
Wisner 1976: 85

1248 *Gymnoscopelus bolini*
JFA 1978: *
Paulin & Stewart 1985: 20
Clark & King 1989: 55
Paulin et al. 1989: 117, 254
Amaoka et al. 1990: 140, fig.

1249 *Gymnoscopelus braueri*
Belyanina & Kovaleskaya 1980: 89

1250 *Gymnoscopelus fraseri*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 117, 254

1251 *Gymnoscopelus hintonoides*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 117, 254

1252 *Gymnoscopelus microlampas*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 117, 254
Amaoka et al. 1990: 141, fig.

1253 *Gymnoscopelus ?nicholsi*
Belyanina & Kovaleskaya 1980: 89

1254 *Gymnoscopelus ?opisthopterus*
Belyanina & Kovaleskaya 1980: 89

1255 *Gymnoscopelus piabilis*
Whitley 1956b: 401
Whitley 1968a: 26
Robertson et al. 1978: 304
Robertson & Mito 1979: 420, fig. 9
Ayling & Cox 1982: 131, fig.
Clark 1985a: 342–343, 352
Paulin & Stewart 1985: 20
Paulin et al. 1989: 117, 254
Amaoka et al. 1990: 142, fig.
Carey 1992: 42

1256 *Gymnoscopelus* sp.
Jackson G et al. 1998: 59, 60, figs 1–3
Clark & King 1989: 55
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 31

1257 *Hierops parallelus*
Whitley 1968a: 23

1258 *Hierops subparallelus*
Whitley 1956b: 400
Whitley 1968a: 22

1259 *Hintonia candens*
Clark 1985a: 342
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1260 *Hygophum hanseni*
Fraser-Brunner 1949: 1050, fig.
Whitley 1956b: 400
Becker 1965: 44
Bussing 1965: 202
Whitley 1968a: 23
Nafpaktitis & Nafpaktitis 1969: 19, fig. 20
Nafpaktitis 1973: 8, fig. 4
Parin et al. 1973: 151, *
Robertson et al. 1978: 306
Paxton 1979: 12
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254
Tracey et al. 1990: 33

1261 *Hygophum hygomi*
Becker 1965: 13
Whitley 1968a: 23
Allen et al. 1976: 382

1262 *Hygophum hygomii*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1263 *Hygophum proximum*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1264 *Hygophum reinhardti*
Rass 1960: 148
Becker 1965: 40
Whitley 1968a: 26
Parin et al. 1973: 151, *
Wisner 1976: 36–37, figs 30, 31
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1265 *Krefftichthys anderssoni*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 115, 254

1266 *Lampadaena urophaos*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1267 *Lampadena luminosa*
Paulin et al. 1989: 116, 254

1268 *Lampadena notialis*
Whitley 1968a: 24
Wisner 1976: 154, fig. 142
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1269 *Lampadena parvimana*
Hutton 1904c: 50

1270 *Lampadena parvimanus*
Gill 1893: 113
Whitley 1956b: 400
Whitley 1968a: 24

1271 *Lampadena speculigera*
Nafpaktitis & Paxton 1968: 10–13, figs 3, 9
Wisner 1976: 153, fig. 141
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1272 *Lampadena* sp.
Clark & King 1989: 55
Tracey et al. 1990: 33

1273 *Lampanyctes hectoris*
Hine et al. 1987: 30

1274 *Lampanyctes* sp.
Hine et al. 1987: 30

1275 *Lampanyctodes australis*
Clark & King 1989: 55

1276 *Lampanyctodes hectoris*
Fraser-Brunner 1949: 1081, fig.
Whitley 1956b: 401
Whitley 1968a: 25
Wisner 1976: 157–159, fig. 147
Robertson 1977: 849–852, fig. 2
Habib 1978: 25
JFA 1978: *
Robertson 1978b: 85, 87–88, 89
Robertson et al. 1978: 305
Francis M 1979: 66
Paxton 1979: 12
Habib et al. 1980a: 38
Robertson 1981: 153
Ayling & Cox 1982: 132, fig. 130
Roberts & Van Berkel 1982: 134
Clark 1985a: 342–344, 348, 360
Paulin & Stewart 1985: 20
Paul & Heath 1985: 73, pl. 29
Young & Blaber 1986: 147
Paul 1986: 54, fig.
Pankhurst 1987b: 269–280, fig. 5
Clark & King 1989: 23, 55
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 31
Kerstan 1989: 242–246
Paulin et al. 1989: 116, 254
Amaoka et al. 1990: 143, fig.
Carey 1992: 41, 42, 45, fig. 1
Paul et al. 1993: 143, fig.
Moore & Wakelin 1997: 20
Paul & Heath 1997b: 30, fig.
Jackson G et al. 1998: 56–4, figs 1–4
Hine et al. 2000: 54
James & Stahl 2000: 438, 442, 444, 448
Paul 2000: 54, fig.

1277 *Lampanyctodes intricarius*
Clark & King 1989: 55

1278 *Lampanyctus achirus*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254
Tracey et al. 1990: 33

1279 *Lampanyctus alatus*
Tåning 1932: 145–146
Phillipps 1942b: 50–51, pl. 16
Rass 1960: 148
Whitley 1968a: 26
Ayling & Cox 1982: 132, fig.
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1280 *Lampanyctus alatus australis*
Tåning 1932: 145–146
Paxton 1979: 14

1281 *Lampanyctus ater*
Paulin & Stewart 1985: 20
Paulin et al. 1989: 116, 254

1282 *Lampanyctus australis*
Bussing 1965: 203
Nafpaktitis 1969: 54–55, fig. 69
Nafpaktitis 1973: 44–45, fig. 43
Paxton 1974: 711–712
JFA 1978: *
Robertson et al. 1978: 303
Francis M 1979: 66
Ayling & Cox 1982: 131, fig.
Clark 1985a: 342
Paulin & Stewart 1985: 20
Rosecchi et al. 1988: 300
Paulin et al. 1989: 116, 254
Tracey et al. 1990: 33
Roberts C 1991: 17
Freeman 1998: 38

1283 *Lampanyctus festivus*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1284 *Lampanyctus guntheri*
Waite 1910b: 371–373
McCulloch 1923: 117
McCann 1972: 623–624, figs 4,5
Paxton 1974: 711–712

1285 *Lampanyctus intracarius*
Wisner 1976: 195–196, fig. 185
Paxton 1979: 13
Francis M 1979: 66
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1286 *Lampanyctus lepidolychnus*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254
Tracey et al. 1990: 33

1287 *Lampanyctus longipinnis*
Regan 1916a: 140, pl. 6
Phillipps 1927b: 16
Phillipps 1927c: 11
Paxton 1979: 17

1288 *Lampanyctus macdonaldi*
Wisner 1976: 198, fig. 187
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254
Tracey et al. 1990: 33

1289 *Lampanyctus macropterus*
Regan 1916a: 140, 134, pl. 6
Phillipps 1927b: 16
Phillipps 1927c: 11
Whitley & Phillipps 1939: 228
Paxton 1979: 12

1290 *Lampanyctus nobilis*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1291 *Lampanyctus parvimanus*
LAMP FISH
Waite 1907: 13
Phillipps 1927b: 16
Phillipps 1927c: 11

1292 *Lampanyctus pectoris*
Norman 1930: 328–329
Whitley 1968a: 26

1293 *Lampanyctus pusillus*
Bussing 1965: 207
Whitley 1968a: 26
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1294 *Lampanyctus steinbecki*
Robertson 1975c: 10, fig. 7

1295 *Lampanyctus tenuiformis*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1296 *Lampanyctus townsendi*
McCulloch 1923: 115–117, pl. 14(2)

1297 *Lampanyctus*
Whitley 1936b: 161–163

1298 *Lampanyctus* sp.
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 31
Tracey et al. 1990: 33

1299 *Lampichthys procerus*
Robertson et al. 1978: 303
Imber 1981: 68
Paulin & Stewart 1985: 21
Rosecchi et al. 1988: 300
Clark & King 1989: 55
Paulin et al. 1989: 116, 254
Tracey et al. 1990: 33
Roberts C 1991: 17

1300 *Lampichthys* sp.
Clark & King 1989: 55

1301 *Lobianchia dofleini*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1302 *Lobianchia gemellari*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1303 *Loweina rara*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 115, 254

1304 *Metelectrona ahlstromi*
Wisner 1963: 24–25, fig. 1
Bussing 1965: 200–202, fig. 6
Whitley 1968a: 23
Paxton 1979: 11
Hatanaka et al. 1989A: 51

1305 *Metelectrona herwigi*
Paulin et al. 1989: 116, 254

1306 *Metelectrona ventralis*
Wisner 1976: 31–32, fig. 21
Paulin et al. 1989: 116, 254
1307 *Myctophum antarcticum*
Norman 1930: 322–324, fig. 28
Whitley 1968a: 23

1308 *Myctophum arcticum*
Tåning 1932: 128

1309 *Myctophum arcticum parallelum*
Tåning 1932: 128

1310 *Myctophum arcticum subparallelum*
Tåning 1932: 128
Paxton 1979: 17

1311 *Myctophum asperum*
Rass 1960: 148
Whitley 1968a: 26
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1312 *Myctophum boops*
McCulloch 1929: 80
Richardson J 1845: vi, 39–40, pl. 27
Hutton 1873b: 269
Gill 1893: 113
Hutton 1904c: 50
Waite 1907: 13

1313 *Myctophum carlsbergi*
Tåning 1932: 126–127, fig. 1
Whitley 1933a: 62
Paxton 1979: 11

1314 *Myctophum coccoi*
Regan 1916a: 134, 139
Phillipps 1927b: 16
Phillipps 1927c: 11

1315 *Myctophum coruscans*
Hutton 1873: 270
McCulloch 1929: 80

1316 *Myctophum hanseni*
Tåning 1932: 132–133, fig. 4

1317 *Myctophum (Hygophum) hanseni*
Paxton 1979: 12

1318 *Myctophum hectoris*
Gill 1893: 113
Hutton 1904c: 50
Waite 1907: 13
Waite 1911b: 168
Phillipps 1927b: 16
Phillipps 1927c: 11

1319 *Myctophum hookeri*
Whitley 1968a: 24

1320 *Myctophum humboldti*
Waite 1911b: 164, 166–168, pl. 27
Waite 1912: 318
Barnard 1925: 243–244, pl. 9
Phillipps 1927b: 16
Phillipps 1927c: 11
Parrott 1960: 39, 41–42, fig. 10
Rass 1960: 148
Natusch 1967: 209, fig. 61
Whitley 1968a: 26

1321 *Myctophum nitidulum*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1322 *Myctophum normani*
Tåning 1932: 127, fig. 2
Paxton 1979: 17

1323 *Myctophum novaeseelandiae*
Phillipps 1927c: 11
Whitley 1956b: 401
Whitley 1968a: 24
Roberts C & Paulin 1997: 213

1324 *Myctophum obtusirostrum*
Paulin et al. 1989: 116, 254

1325 *Myctophum parallelum*
Tåning 1932: 128

1326 *Myctophum parvimanum*
Norman 1929: 514–515, fig. 3
Tåning 1932: 130

1327 *Myctophum phengodes*
Whitley 1968a: 3, 24
Kawaguchi et al. 1972: 36
Allen et al. 1976: 383
Paulin & Stewart 1985: 21
Clark & King 1989: 55
Paulin et al. 1989: 116, 254

1328 *Myctophum punctatum*
Flain 1981: 23

1329 *Myctophum selenops*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1330 *Myctophum spinosum*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1331 *Myctophum*
Whitley 1955: 119

1332 *Myctophum* spp.
Paulin et al. 1989: 116, 254

1333 *Myctophus humboldti*
Gaskin & Cawthorn 1967: 156, 159–160, 165, 173

1334 *Myctophus*
JEWEL FISH
Doogue & Moreland 1961: 197, one fig.

1335 *Nannobrachium atrum*
Zahuranec 2000: 17–20, fig. 6

1336 *Notolychnus valdiviae*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 115, 254, fig. 48.2
Tracey et al. 1990: 33

1337 *Notoscopelus caudispinosus*
Paulin & Stewart 1985: 21
Clark & King 1989: 55
Paulin et al. 1989: 117, 254

1338 *Notoscopelus elongatus ejectus*
Whitley 1956b: 401
Whitley 1968a: 26

1339 *Notoscopelus longipinnis*
Whitley 1956b: 401
Whitley 1968a: 26

1340 *Notoscopelus resplendens*
Allen et al. 1976: 383
Paulin & Stewart 1985: 21
Clark & King 1989: 55
Paulin et al. 1989: 117, 254

1341 *Protomyctophum andriashevi*
Paulin et al. 1989: 116, 254

1342 *Protomyctophum arcticum subparallelum*
Nafpaktitis 1973: 5, fig. 1
Paxton 1979: 17

1343 *Protomyctophum andersoni*
Whitley 1956b: 400
Belyanina & Kovaleskaya 1980: 74

1344 *Protomyctophum anderssoni*
Whitley 1968a: 22

1345 *Protomyctophum bolini*
Paulin et al. 1989: 116, 254
Amaoka et al. 1990: 144, fig.

1346 *Protomyctophum (Protomyctophum) bolini*
Belyanina & Kovaleskaya 1980: 74

1347 *Protomyctophum normani*
Whitley 1956b: 400
Becker 1963: 6, 19
Whitley 1968a: 22
Nafpaktitis 1973: 6–7, fig. 2
Wisner 1976: 16, fig. 5
Robertson et al. 1978: 306
Paxton 1979: 17
Clark 1985a: 342, 348
Paulin & Stewart 1985: 21
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 116, 254

1348 *Protomyctophum parallelum*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1349 *Protomyctophum (Hierops) parallelum*
Andriashev 1962: 238–239, fig. 16
Becker 1963: 10
Nafpaktitis & Nafpaktitis 1969: 8, fig. 3
Belyanina & Kovaleskaya 1980: 74

1350 *Protomyctophum subparallelum*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1351 *Protomyctophum (Hierops) subparallelum*
Andriashev 1962: 235–238, figs 13–15
Ayling & Cox 1982: 130, fig.

1352 *Protomyctophum tenisoni*
Whitley 1956b: 400
Whitley 1968a: 22

1353 *Protomyctophum* sp.
Clark 1985a: 342

1354 *Rhinoscopelus coruscans*
Hutton 1904c: 50
Waite 1907: 13
Phillipps 1927b: 16
Phillipps 1927c: 11

1355 *Scopelopsis caudalis*
Whitley 1956b: 401

1356 *Scopelopsis longipinnis*
Paxton 1979: 17

1357 *Scopelopsis multipunctatis*
Tåning 1932: 144–145

1358 *Scopelopsis multipunctatus*
Whitley 1968a: 26
Allen et al. 1976: 383
Wisner 1976: 222, fig. 208
Paulin & Stewart 1985: 21
Paulin et al. 1989: 115, 254

1359 *Scopelus boops*
Valenciennes 1849: Vol. 22, 451–452
Hutton 1873b: 269
Macleay 1882b: 223
Sherrin 1886: 305
Hutton 1890: 283

1360 *Scopelus coccoi*
Hutton 1873b: 270

1361 *Scopelus coruscans*
Hutton 1873b: 270
Sherrin 1886: 305
Hutton 1890: 283

1362 *Scopelus hectori*
Sherrin 1886: 305

1363 *Scopelus hectoris*
Gunther 1876: 390, 399
Gunther 1877: 471–472
Gunther 1889: 31

Hutton 1890: 283
Paxton 1979: 12

1364 *Scopelus hookeri*
Whitley 1953: 134–135
Whitley 1956b: 400

1365 *Scopelus (Myetophum) novae-seelandiae*
Steindachner 1901: 513

1366 *Scopelus (Myctophum) novae-seelandiae*
von Wahlert 1955: 326
Whitley 1955: 117–119
Paxton 1979: 16

1367 *Scopelus novae seelandiae*
Steindachner 1901: 513
Waite 1907: 35

1368 *Scopelus parvimanus*
Hutton 1873b: 269, pl. 15
Sherrin 1886: 305
Hutton 1890: 283
Paxton 1979: 6

1369 *Scopelus*
Hutton 1872: 56
Clarke 1878: 243, 245
Waite 1910b: 383

1370 *Serpa australis*
Whitley 1956b: 401
Whitley 1968a: 25
Whitley 1933a: 65

1371 *Serpa conspicua*
Whitley 1936b: 160–161, one fig.
Whitley 1956b: 401
Whitley 1968a: 25
Paxton 1979: 13

1372 *Serpa peccatus*
Whitley & Phillipps 1939: 228
Whitley 1956b: 401
Whitley 1968a: 25
Paxton 1979: 12

1373 *Serpa pusilla*
Whitley 1968a: 25

1374 *Stenobrachius coruscans*
Gill 1893: 113

1375 *Symbolophorus barnardi*
Whitley 1968a: 24
Allen et al. 1976: 383
Crossland 1982b: 23
Ayling & Cox 1984: 132, fig.
Davison & Van Berkel 1985: 148
Paulin & Stewart 1985: 21
Clark & King 1989: 55
Paulin et al. 1989: 116, 254

1376 *Symbolophorus boops*
Parin et al. 1973: 151, *
JFA 1978: *
Robertson et al. 1978: 305–306
Imber 1981: 80

1377 *Symbolophorus evermanni*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1378 *Symbolophorus* sp.
Paulin & Stewart 1985: 21
Hine et al. 1987: 30
Clark & King 1989: 55
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 116, 254
Carey 1992: 41, 42, 43, 45, figs 1, 2
Jackson G et al. 1998: 59, 60, figs 2–4
James & Stahl 2000: 438, 444, 448

1379 *Taaningichthys bathyphilus*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1380 *Taaningichthys minimus*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1381 *Triphoturus nigrescens*
Paulin & Stewart 1985: 21
Paulin et al. 1989: 116, 254

1382 LANTERN FISH
Paul 1966c: (1) 678
van Heezik 1989: 152
van Heezik 1990b: 545, 547

1383 MYCTOPHID
Hanchet 1991: 315
Fea et al. 1999: 147–160
Kitson et al. 2000: 347–355

Order LAMPRIDIFORMES Opahs

Family Veliferidae Velifers

Species recognised in 2015:
Metavelifer multiradiatus (Regan, 1907) Velifer

1384 *Metavelifer multiradiatus*
Stephenson 1977: 143–144, fig. 1
Paulin et al. 1989: 148, 257, fig. 78.1

1385 *Velifer multiradiatus*
Paulin 1984b: 67–68, fig. 7
Paulin & Stewart 1985: 30

1386 *Velifer multispinosus*
JFA 1977: 127

Family Lampididae Opahs

Species recognised in 2015:
Lampris guttatus (Brünnich, 1788) Moonfish
Lampris immaculatus Gilchrist, 1904 Opah

1387 *Lampris guttatus*
MOON[-]FISH, OPAH
Gill 1893: 115
Hutton 1904c: 44
Benham 1922: 316–317
Young 1929: 146, pl. 16
McCann 1953: 1, 3–5, fig. 3
Parrott 1960: 150
McCann 1975: 1771–1772, fig.
Ayling & Cox 1982: 187–188, fig.
Parin & Kukuyev 1983: 10, fig. 5
van den Broek et al. 1984: *
Paulin & Stewart 1985: 30
Paul & Heath 1985: 79, pl. 32
Paul 1986: 148
Paulin et al. 1989: 147, 257, fig. 77.2
Roberts C 1991: 18
Paul et al. 1993: 137, fig.
Paul & Heath 1997b: 38, fig.
Hine et al. 2000: 55
Paul 2000: 148, fig.

1388 *Lampris immaculatus*
OPAH
Parin & Kukuyev 1983: 2, 4, fig. 5
Paulin et al. 1989: 147, 257, fig. 77.1
Gauldie 1990d: 193–199, figs
Roberts C 1991: 18
Paul & Heath 1997b: 38
Paul 2000: 148, fig.

1389 *Lampris lauta*
Hector 1884a: 322

1390 *Lampris luna*
Hector 1884a: 322
Sherrin 1886: 301
Hutton 1890: 279
Hector 1898a: 99–100
Waite 1899b: 166–167
Benham 1922: 316–317
Benham 1930: 428
Whitley 1950a: 76
Parrott 1960: 149

1391 *Lampris pelagicus*
MOONFISH, OPAH
Waite 1911b: 186
Benham 1922: 316–317
Parrott 1960: 150

1392 *Lampris regius*
MOONFISH, OPAH
Waite 1907: 25
Benham 1922: 316–317
Phillipps 1927b: 46
Phillipps 1927c: 14
McCulloch 1929: 137
Norman 1937: 59
Whitley 1950a: 76–77, one pl.
Whitley 1956b: 410
Parrott 1960: 147–150, fig. 54
Scott E 1960: 90
Smith 1965: 18
Whitley 1968a: 73
Hewitt & Hine 1972: 87
Webb 1972f: 79–82
Scott E 1977: 136

1393 *Lampris retsius*
OPAH
Waite 1909a: 53
Waite 1911b: 186

1394 *Lampris*
Hutton 1904c: 4
Natusch 1967: 224, fig. 70

1395 MOONFISH, OPAH
Waite 1907: 25
Benham 1922: 316–317
Phillipps 1927b: 46
Phillipps 1927c: 14
McCulloch 1929: 137
Norman 1937: 59
Whitley 1950a: 76–77, one pl.
Whitley 1956b: 410
Parrott 1960: 147–150, fig. 54
Scott E 1960: 90
Smith 1965: 18
Whitley 1968a: 73
Hewitt & Hine 1972: 87
Webb 1972f: 79–82
Scott E 1977: 136

Family Lophotidae Crestfishes

Species recognised in 2015:
Lophotus capellei Temminck & Schlegel, 1845 Crestfish

1396 *Lophotes cepedianus*
Parker 1894: 223
Waite 1914: 127, 130–131, pl. 4
Barnard 1925: 357
Phillipps 1927b: 52
Phillipps 1927c: 14
Young 1929: 145
Griffin 1934: 240
Scott E 1934: 32
Parrott 1960: 91
Parrott 1974: 1444–1448

1397 *Lophotes fiskei*
Hutton 1904c: 47
Thomson G 1906: 551
Thomson & Anderton 1921: 96

1398 *Lophotes fiski*
Waite 1907: 33
Waite 1914: 130

1399 *Lophotes fiskii*
Scott E 1934: 32

1400 *Lophotes guntheri*
CRESTED BAND FISH
Ayling & Cox 1982: 188, fig
Last et al. 1983: 267–268, fig.

1401 *Lophotes siculus*
Clarke 1897b: 252, pl. 15

1402 *Lophotis capellei*
CRESTED BANDFISH
Paul & Heath 1985: 75, pl. 30
Paul et al. 1993: 139, fig.
Paul & Heath 1997b: 39, fig.
Paul 2000: 68, fig.

1403 *Lophotes*
Taylor 1870: 625
Boulenger 1932: 716

1404 *Lophotus capellei*
CRESTED BANDFISH, UNICORNFISH
Paulin & Stewart 1985: 30
Paul 1986: 68, fig.
Paulin et al. 1989: 148, 257, fig. 79.1
Roberts C 1991: 18

1405 *Lophotus guntheri*
BANDFISH, CRESTED BANDFISH, UNICORN FISH
Griffin 1934: 239, 241–243, pl. 53
Whitley 1956b: 404
Parrott 1960: 90–91, 98, fig. 30
Webb 1972c: 87

1406 *Regilophotes guntheri*
CRESTED BANDFISH, UNICORN FISH
Whitley 1933a: 72–73
Scott E 1934: 51
Whitley 1968a: 45

Family Trachipteridae Dealfishes, ribbonfishes

Species recognised in 2015:
Desmodema polystictum (Ogilby, 1898) Spotted ribbonfish
Trachipterus jacksonensis (Ramsay, 1881) Jackson dealfish
Trachipterus trachypterus (Gmelin, 1789) Peregrin dealfish
Zu elongatus Heemstra & Kannemeyer, 1984 Scalloped ribbonfish

1407 *Desmodema arawatae*
DEALFISH, SOUTHERN RIBBONFISH
Whitley 1968a: 45, fig. 1

1408 *Desmodema jacksonensis*
RIBBONFISH
Roberts & Van Berkel 1982: 135

1409 *Desmodema polystictum*
DEALFISH
Paulin & Stewart 1985: 31
Paulin et al. 1989: 149, 257, fig. 80.3a

1410 *Trachipterus altivelis*
LESSER RIBBON FISH
Waite 1907: 33
Thomson G 1913: 231
Hamilton H 1916: 371–373, 377, 380
Thomson & Anderton 1921: 96
Phillipps 1944: 122

1411 *Trachipterus arawatae*
RIBBON FISH
Waite 1907: 33
Hamilton H 1916: 371, 379–380
Scott E 1934: 51
Graham D 1956: 26, 185–186, one fig.
Whitley 1956: 404
Last et al. 1983: 268–269, fig.
Scott E 1983: 169, 172–188, fig. 1–6
Scott E 1984: 188–200, fig. 1, pls 1, 2

1412 *Trachipterus jacksonensis*
DEALFISH
Hamilton H 1916: 371–374, 380, figs 1, 2
Phillipps 1927c: 12
Whitley 1968a: 45
Scott E 1984: 192, 201
Paulin & Stewart 1985: 31
Paulin et al. 1989: 149–150, 257, fig. 80.4
Roberts C 1991: 18

1413 *Trachipterus jacksoniensis*
Phillipps 1927b: 27
McCulloch 1929: 138
Phillipps 1944: 120–122, pl. 52
Scott E 1983: 170

1414 *Trachipterus taenia*
Hamilton H 1916: 371, 373, 379–381
Phillipps 1944: 122

1415 *Trachipterus trachipterus*
Paulin & Stewart 1985: 31

1416 *Trachipterus trachypterus*
DEALFISH, RIBBON FISH
Hamilton H 1916: 371, 374–378, 381, figs 3–6
Phillipps 1927b: 26
Phillipps 1927c: 12
Graham D 1938: 407
Scott E 1983: 169
Paulin et al. 1989: 149–150, 257
Hurst et al. 1990: 49
Tracey et al. 1990: 34
McClatchie et al. 1997: 667
Jacob et al. 1998: 2126
Paulin & Roberts 1998: 167

1417 *Trachipterus*
Natusch 1967: fig. 65
Whitley 1968a: 47

1418 *Trachipterus* sp.
DEALFISH
Hardy et al. 1987: 244
Clark & King 1989: 52

1419 *Trachypterus altivelis*
Hutton 1873b: 264
Hutton 1876: 214
Sherrin 1886: 303
Hutton 1890: 281
Gill 1893: 120
Ogilby 1897a: 647, 652
Hutton 1904: 47

1420 *Trachypterus arawata*
Sherrin 1886: 303
Clarke 1890: 196–199, one fig.
Hutton 1890: 281
Gill 1893: 120
Hutton 1904c: 47

1421 *Trachypterus arawatae*
Gunther 1887a: 72
Ogilby 1897a: 658
Ogilby 1898b: 647, 658
Whitley 1933a: 72
Parrott 1960: 101
Webb 1972c: 87
Hardy 1990: 9

1422 *Trachypterus arcticus*
DEALFISH
McCann 1953: 1, 5–8, figs 4–7
Parrott 1960: 91, 98, 100–102, fig. 34
Francis M 1979: 67
Scott E 1983: 170

1423 *Trachypterus iris*
Thomson G 1913: 231

1424 *Trachypterus jacksoniensis*
Ogilby 1897a: 658
Ogilby 1898b: 647, 658
McCann 1953: 6

1425 *Trachypterus trachypterus*
DEALFISH
Thomson G 1932: 23
Parrott 1974: 1444–1448
Paul & Heath 1985: 75, pl. 30
Paul 1986: 68, fig.
Paul et al. 1993: 139, fig.
Paul & Heath 1997b: 40, fig.
Paul 2000: 68, fig.

1426 *Trachypterus*
DEALFISH
Gunther 1861: Vol. 3, 300
Clarke 1898: 261
Phillipps 1924a: 539
McCann 1964: 122–123, fig. 1

1427 *Zu cristatus*
DEALFISH, SCALLOPED RIBBONFISH
Parrott 1974: 1444–1448
Ayling & Cox 1982: 189
Paul 1986: 68, fig.
Scott E 1983: 188–194, pls 1–2
Scott E 1984: 200–202
Paul 2000: 68, fig.

1428 *Zu elongatus*
SCALLOPED DEALFISH
Paulin & Stewart 1985: 31
Paul 1986: 68
Paulin et al. 1989: 149, 257, fig. 80.2a
Roberts C 1991: 18
Paul & Heath 1997b: 40
Paul 2000: 68

1429 DEALFISH
Clarke 1890: 196

Family Regalecidae Oarfishes

Species recognised in 2015:
Agrostichthys parkeri (Benham, 1904) Ribbonfish
Regalecus glesne Ascanius, 1772 Oarfish

1430 *Agrostichthys benhami*
Last et al. 1983: 270, fig.

1431 *Agrostichthys parkeri*
BENHAM'S RIBBON FISH, PARKER'S RIBBON FISH, RIBBON FISH, STREAMER FISH
Phillipps 1924a: 539–540, figs l–2
Phillipps 1926b: 535
Phillipps 1927b: 26
Phillipps 1927c: 12
Benham 1930: 428
Phillipps 1930: 501
Whitley 1933a: 71
Scott E 1934: 50, 51
McCann 1953: 1, 8–10, figs 8–10
Whitley 1956b: 404
Parrott 1960: 91, 95, 97–100, fig. 33
Walters & Fitch 1960, 441–442
Whitley 1968a: 45
Parrott 1974: 1444–1448
Scott E 1982: 189
Trunov 1982a: 1–4
Paulin & Stewart 1985: 31
Paul & Heath 1985: 77, pl. 31
Paul 1986: 70, figs
Paulin et al. 1989: 150–151, 257, fig. 81.2b
Roberts C 1991: 18
Paul et al. 1993: 141, fig.
Paul & Heath 1997b: 41, fig.
McDowall & Stewart 1999: 165–174, figs 1–3, pl. 1
Paul 2000: 69

1432 *Agrostichthys*
RIBBON FISH
Natusch 1967: fig. 65

1433 *Gymnetrus*
OAR-FISH
Travers 1869b: 447

1434 *Regalecus argenteus*
GREAT RIBBON FISH, PARKER'S OAR FISH, SILVERY OARFISH
Parker 1883c: 520
Parker 1884c: 284–296, pl. 23
Parker 1884f: 207
Parker 1886f: 5–33
Sherrin 1886: 303
Gunther 1887a: 76
Parker 1888: 27–28, pl. 5
Hutton 1890: 281
Kingsley 1890: 333–338, pl. 20
Archey 1927: 198
Forbes 1891: 155–156
Forbes 1892: 193, 197
Gill 1893: 120
Clarke 1898: 254–266, pl. 28–30
Parker 1898a: 574–575
Travers 1898: 552
Benham & Dunbar 1906: 544
Thomson G 1906: 551
Waite 1907: 33
Thomson & Anderton 1921: 96
Phillipps 1927b: 26
Phillipps 1927c: 12
Powell 1951: 65, fig. 309
Graham J 1963: 166, 168
Scott E 1982: 191

1435 *Regalecus banksii*
Parker 1888: 23
Kingsley 1890: 334
Forbes 1891: 155–156
Forbes 1892: 192–193
Waite 1899a: 163, 165

1436 *Regalecus gladius*
OAR-FISH
Hutton 1672: 35
Hector 1878: 533
Sherrin 1886: 303
Parker 1888: 21, 23–24

1437 *Regalecus glesne*
KING-OF-THE-HERRINGS, OARFISH
Kingsley 1890: 334
Forbes 1891: 156
Forbes 1892: 193
Goode & Bean 1895: 480–482
Waite 1899a: 163–165
Benham 1904: 198–200
Benham & Dunbar 1906: 544, 546–555
Waite 1907: 33
Phillipps 1927b: 26
Phillipps 1927c: 12
McCulloch 1929: 138
Benham 1930: 428
McCann 1953: 9
Parrott 1974: 1444–1448
Robertson 1975c: 8, fig. 4
Robertson & Mito 1979: 420
Ayling & Cox 1982: 190, fig.
Trunov 1982: 3
Paul & Heath 1985: 75, pl. 30

Paulin & Stewart 1985: 31
Paul 1986: 69
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 150–151, 257, fig. 81.2a
Roberts C 1991: 18
Paul et al. 1993: 139, fig.
McClatchie et al. 1997: 667
Paul & Heath 1997b: 41, fig.
Jacob et al. 1998: 2126, 2137
Paulin & Roberts 1998: 167
Paul 2000: 69

1438 *Regalecus grillii*
Parker 1888: 28
Kingsley 1890: 334
Forbes 1891: 156
Forbes 1892: 192–198
Waite 1899a: 165
Benham & Dunbar 1906: 544

1439 *Regalecus parkeri*
RAINBOW FISH, RIBBON FISH, SILVERY OARFISH
Benham 1904: 198–200, pl. 9
Benham & Dunbar 1906: 545–548, 550–553
Thomson G 1906: 551
Phillipps 1923: 232–233, fig. 1–2
Phillipps 1924a: 539
Benham 1930: 428
Scott E 1934: 50–52

1440 *Regalecus pacificus*
OARFISH
Haast 1878: 246–250, pl. 7
Powell 1879: 269–270
Parker 1884c: 284–286, 288, 291–294, pl. 24
Gunther 1887a: 75
Parker 1888: 23, 26–27
Hutton 1890: 281
Kingsley 1890: 336
Forbes 1892: 192
Gill 1893: 120
Gascoyne 1895: 672
Benham & Dunbar 1906: 544
Waite 1907: 33
Phillipps 1927b: 26
Phillipps 1927c: 12
Whitley 1933a: 70–71, fig. 2
Scott E 1934: 51
Whitley 1948: 84
Whitley 1956b: 404
Parrott 1960: 91–98, figs 31–32
Whitley 1968a: 45
Webb 1972f: 87
Ayling & Cox 1982: 190
Scott E 1982: 191
Freeman & Tunnicliffe 1997: 7

1441 *Regalecus*
OARFISH
Gunther 1861: Vol. 3, 307
Travers & Gunther 1861: Vol. 3, 307–308
Gunther 1880b: 522–523
Parker 1888: 20–29
Clarke 1890: 196
Drew 1898: 253–254
Hector 1898b: 549
Benham & Dunbar 1906: 544–556, pls. 38, 39
Parrott 1960: 98
McCann 1964: 122–123, fig. 1
Natusch 1967: fig. 65
Whitley 1968a: 45

1442 *Regalicus argenteus*
Hutton 1904c: 47

1443 *Regalicus grillii*
Hutton 1904c: 47

1444 *Regalicus pacificus*
Hutton 1904c: 47

1445 RIBBAND FISH
Clarke 1890: 196

1446 OARFISH, RIBBON FISH
Drummond & Hutton 1905: 74
Archey 1927: 198
Clarke 1890: 196

Order POLYMIXIIFORMES Beardfishes

Family Polymixiidae Beardfishes

Species recognised in 2015:
Polymixia cf. *busakhini* Kotlyar, 1992 Dusky beardfish
Polymixia cf. *japonica* Günther, 1877 Blackfin beardfish

1447 *Polymixia* sp.
JFA 1977: 129
Amaoka et al. 1990: 148, fig.

1448 *Polymixius* sp.
Clark M 1988: 418

Order OPHIDIIFORMES Cuskeels

Family Carapidae Messmates

Species recognised in 2015:
Echiodon cryomargarites Markle, Williams & Olney, 1983 Messmate
Echiodon neotes Markle & Olney, 1990 Little messmate
Echiodon pegasus Markle & Olney, 1990 Pegasus messmate
Echiodon prionodon Parmentier, 2012 Sawtooth messmate
Echiodon pukaki Markle & Olney, 1990 Southern messmate
Echiodon rendahli (Whitley, 1941) Rendahl's messmate
Eurypleuron owasianum (Matsubara, 1953) Widerib pearlfish
Onuxodon fowleri (Smith, 1955) Northern messmate
Pyramodon punctatus (Regan, 1914) Pearlfish

1449 *Carapus rendahli*
Last et al. 1983: 248, fig.

1450 *Cynophidium punctatum*
TOPKNOT, CUSK
Regan 1914b: 16
Smith 1955: 545, 549–550
Whitley 1956b: 411
Whitley 1968a: 81

1451 *Echiodon cryomargarites*
MESSMATE
Markle et al. 1983: 645–657, figs 1–8
Williams 1984: 410–11
Paulin & Stewart 1985: 26
Paulin et al. 1989: 132, 256
Markle & Olney 1990: 341, 360–361, figs 22, 29, 39, 80, 81
Roberts C 1991: 5, 17
McClatchie et al. 1997: 665

1452 *Echiodon pegasus*
Markle & Olney 1990: 323, 341, 358–360, 402, figs 67, 79

1453 *Echiodon pukaki*
Markle & Olney 1990: 323, 341, 342–345, 361, 402, figs 64, 67

1454 *Echiodon rendahli*
MESSMATE FISH
Robertson 1975a: 403–409, figs 1–2
Francis M 1079: 66
Olney & Markle 1979: 377
Ayling & Cox 1982: 155
Paulin et al. 1989: 132, 256
Markle & Olney 1990: 342, 361–364, 402, figs 67, 82

1455 *Echiodon owasianus*
Paulin et al. 1989: 132, 256

1456 *Echiodon* sp.
Roberts C 1991: 3, 9, 17

1457 *Eurypleuron cinereum*
Williams & Machida 1992: 367

1458 *Eurypleuron owasianum*
Markle & Olney 1990: 338–340, figs 1, 39–41, 58–62
Nielsen et al. 1999: 17, fig. 21

1459 *Onuxodon fowleri*
Francis M 1996a: 49

1460 *Pyramodon punctatus*
Regan 1914c: 20–21, pl. 12
Phillipps 1927b: 51
Phillipps 1927c: 14
Paulin et al. 1989: 132, 256
Markle & Olney 1990: 335–336, fig. 56

1461 *Pyramodon ventralis*
PEARLFISH
Smith 1955: 547–550, fig. 2
Cohen & Nielsen 1978: 6–7, fig. 5
Markle & Olney 1980: 177
Ayling & Cox 1982: 154–155, fig.
Williams 1983: 848–850, figs 1, 2
Paulin & Stewart 1985: 26
Paulin et al. 1989: 132, 256

1462 *Snyderidia canina*
McCann 1972: 637–639, figs 21–22
Paulin & Stewart 1985: 26
Paulin et al. 1989: 132, 256, fig. 58.3a

Family Ophidiidae Cuskeels

Species recognised in 2015:
Abyssobrotula galatheae Nielsen, 1977 Abyssal cuskeel
Brotulotaenia nigra Parr, 1933 Blue cuskeel
Genypterus blacodes (Forster, 1801) Ling
Holcomycteronus aequatoris Smith & Radcliffe, 1913 Spadefoot cuskeel

Ophidion sp.
Spectrunculus grandis (Günther, 1877) Warty cuskeel

1463 *Abyssobrotula galatheae*
Paulin et al. 1989: 131, 256, fig. 57.3
Roberts C & Paulin 1997: 214

1464 *Bassogigas*
DEEPSEA COD
Whitley 1956b: 411
Whitley 1968a: 82

1465 *Brotulataenia crassa*
BLUE CUSKEEL
Paulin & Stewart 1985: 25

1466 *Brotulotaenia crassa*
BLUE CUSKEEL
Hine et al. 1987: 33
Paulin 1987a: 16, fig.
Clark & King 1989: 52
Paulin et al. 1989: 131, 256, fig. 57.2a
Amaoka et al. 1990: 196
Roberts C 1991: 5, 17, fig. 2B
Paul 2000: 64, fig.

1467 *Brotulotaenia nigra*
Amaoka et al. 1990: 196, fig.

1468 *Genypterus blacodes*
CLOUDY BAY COD, KINGCLIP, LING
Gunther 1862: Vol. 4, 379–380
Hutton 1872: 48
Hutton 1873a: 241
Hutton 1874b: 86
Hutton 1875a: 134
McCoy 1878–90: 38
Hector 1884b: 54–55
Hector 1886a: 27–28
Sherrin 1886: 59–61, 304
Hutton 1890: 282
Thomson G 1890: 371, 372, 375
Thomson G 1892: 212–213
Gill 1893: 94–5, 100, 120
Regan 1903: 600
Hutton 1904c: 49
Thomson G 1906: 551
Waite 1907: 33
Waite 1909a: 54
Waite 1911b: 164, 248
Thomson G 1913: 233
Phillipps 1918: 269–270
Johnson 1921: 473–475
Phillipps 1921a: 123, 125
Thomson & Anderton 1921: 27, 71, 95–96, 99, 104
Phillipps 1922: 315
Phillipps & Hodgkinson 1922: 96
Thomson & Thomson 1923: 111
Ayson 1924: 8
Phillipps 1926a: 528
Barnard 1927: 888
Phillipps 1927b: 52
Phillipps 1927c: 14
Phillipps 1928a: 220, one fig.
McCulloch 1929: 357
Young 1929: 148
Denz & Shorland 1934: 327–331, fig. 2
Cunningham 1935: 563–567
Norman 1935: 3, 53
Shorland 1935: 313–316
Hefford 1936: 71, 72, 74
Norman 1937: 112, 145, fig. 60
Shorland 1937: 223–224
Graham D 1938: 416
Shorland 1938: 488–492
Shorland 1939: 1935–1941
Graham D 1939b: 369
Benham 1944: 19
Cunningham & Scott 1944: 21–22, 24–25
Weeber 1945: 264–267
Phillipps 1947: 42
Oliver & Shorland 1948: 19, 22–23
Shorland 1948b: 109, 112, 114, 116–119
Phillipps 1949c: 53–54, one fig.
Macfarlane 1950: 1–16
Shorland 1950: 30, 32–34, 38–40
Dell 1951b: 4
Powell 1951: 72, fig. 338
Shorland 1953: 676
Fyfe 1954: 325
Manter 1954: 529, 536–538, 542, 548–549, 558
Graham D 1956; 26, 45–6, 58, 60, 87, 107, 143, 147, 153, 159, 199, 209, 216, 220, 222, 287, 337–340, 352, one fig.
Whitley 1956b: 412
Kaberry 1957: 90
Parrott 1957: 158–159, one fig.
Yaldwyn 1957b: 1–2, 16, 22, 25
Robinson 1959a: 147
Meglitsch 1960: 297, 323, 328
Parrott 1960: 50
Doogue & Moreland 1961: 285, one fig.
Graham J 1963: 169
Hewitt 1963: 61, 113
Moreland 1963: 50, one fig.
Street 1964: 14, 16, 18
Anon. 1965: 16
Howell 1966b: 33
McLintock 1966: (3) 708
Powell 1966: (2) 316, one fig.
Gaskin 1967: 8
Gaskin & Cawthorn 1967: 156, 159–161, 165, 173
Heath & Moreland 1967: 36, fig. 60
Natusch 1967: 231, fig. 73
Tong & Elder 1968: 64, 66
Meglitsch 1968: 397–399
Whitley 1968a: 83

Iwai et al. 1970: 17, pl. 3
Meglitsch 1970: 112
Shuntov & Demidenko 1970: 98
Sorenson 1970: 5, 33–34, 55, fig. 27
Scott E 1971: 141
Shuntov 1971: 337, 339, 341, 342
Hewitt & Hine 1972: 85
JAMARC 1972: 10, *
Japan FSFRL 1972: 90, fig.
JFA 1972: *
Watkinson & Smith 1972: 24, 30, 49
Webb 1972b: 7, 11, 16
Brodie 1973: 79
Leont'eva et al. 1974: 116–121
Ho 1975: 306
JAMARC 1975: *
Crawley & Wilson 1976: 12–13
Ryff & Voller 1976: 50
JAMARC 1976: 21, *
Robins & Lea 1976: 90–93
Wei et al. 1976: 1–101, fig.
Avdeev 1978: 281, 282
Fenaughty & O'Sullivan 1978: 14, 16, 34, 41, 46, 47, 146
JFA 1978: *
Korea FRDA 1978: 66, *
Taiwan FRD 1978: *
Francis M 1979: 66
Francis R & Fisher 1979: 5, 28, fig.
JAMARC 1979: 18, *
Kakuda & Kitagawa 1979: 53–66, fig.
Leach 1979: 119–121, fig. 11
Patchell 1979: 42
Shuntov 1979: 71, *
Smith P 1979b: 573–577
Smith P et al. 1979: 546
Kawahara 1980: *
Kerstan & Sahrhage 1980: 7, 15, 39–44, fig. 34
Anderson A 1981a: 206, 214
Anderson A 1981b: 146
Fenaughty & Bagley 1981: 9–10, 14, 18, 21–2, 26, 34, 74, 76, fig. 56, 111, 127
Francis RI 1981: 5, 11, 15, fig. 8
Grabda & Ślósarczyk 1981: 87–101
JAMARC 1981a: 21, *
Kabata & Ho 1981: 387
Smith P et al. 1981: 42
van den Broek et al. 1981: 137, 138, 141, fig. 3
Wheeler 1981: 788
Ayling & Cox 1982: 15, 18, 152, pl. 10
Patchell 1982: 11
Smith & Francis 1982: 451–455
Last et al. 1983: 246–247, fig.
Paul et al. 1983: 12
Gauldie 1984a: 95
JAMARC 1984: 7, 16, 22, 30, 80–111, fig. 16
Mitchell 1984: 265–274, figs 1–4
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Paulin & Stewart 1985: 25
Pilgrim 1985: 29, 31, 35, 37
Clark 1985a: 349–355, figs 10, 11
Clark 1985b: 365–374, figs 1–5
Andrews 1986: 26
Paul 1986: 64, figs
Scrimgeour 1986: 35
Cullen 1987: 18
Hine et al. 1987: 32
Hurst & Bagley 1987: 7, 13–15, 35, 39, 41–42, 44
Leach 1997: * figs
Paulin 1987a: 16, fig.
Roberts C 1987a: 158–161
Uozumi et al. 1987: 7, 9, 19, 48, figs 23, 46
Clark M 1988: 420
Fenaughty C et al. 1988: 12, 20–21, 26, 31, 36, 41
Gauldie 1988a: 395–396
Vlieg 1988: 16, 20, 30, 41, 49
Vlieg & Body 1988: 151–161
Walker 1988: 45–46
Clark & King 1989: 6, 8–9, 12–13, 20–21, 28–29, 44, 52–56, figs 6–7, 26–29
Fenaughty & Uozumi 1989: 13, 16–17, 26, 36–37, figs 15, 27, 38
Hatanaka et al. 1989A: 6–7, 9–10, 13, 17–19, 35, 51, figs 20, 50–53
Hatanaka et al. 1989B: 7, 12, 21, 31, figs 10, 24–25
Horn 1989: 11
Paulin et al. 1989: 131, 256, pl., p. [162a]
Amaoka et al. 1990: 197–199, figs
Iwamoto 1990: 158
Hurst et al. 1990: 5, 7, 15, 17, 28, 35–36, 40–42, 48–50, figs 10, 19
Livingston 1990: 503, 507, 510, 514–515, fig. 8
OECD 1990: 149, 162
van Heezik 1990a: 204
Annala et al. 1991: 326
Dawson 1991: 284, 288
Roberts C 1991: 8–9, 17, fig. 4B
Sin et al. 1992: 469, 470
Dawson & Slooten 1993: 210
Paul 1992: 887
Horn 1993b: 385–197, figs 1–8
Leach & Boocock 1993: *
Paul et al. 1993: 115, fig.
Hine & Jones 1994: 54
Colman 1995: 163–173, figs 1–4
Paulin et al. 1996: 29, fig.
Anderson A 1997: 4, 5, 7, 8, 10, 12, 13, 16, 20, figs 2, 3
Duffy 1997: 167
Hickford et al. 1997: 252
Leach [et al. 1997A]: 60, 62
McClatchie et al. 1997: 666
Paul & Heath 1997b: 36, fig.
Horwood et al. 1998: 23, *
Jacob et al. 1998: 2020, 2126, 2135, 2137, 2139
Paulin 1998: 37, fig.
Paulin & Roberts 1998: 166
Brothers et al. 1999: 23
Imber 1999: 205, 207

Nielsen et al. 1999: 29–31, fig. 32
Smith 1999: 59
Weisler et al. 1999: 43
Anderson O et al. 2000: *
Clark et al. 2000: 225
Daley et al. 2000: 4, 5, 34, 93, 95–97
Hine et al. 2000: 45, 84
Leach & Davidson 2000b: fig. 1
McClatchie et al. 2000: 182
Paul 2000: 64, 216, figs

1469 *Genypterus blacodus*
LING
Vlieg 1984b: 427–433

1470 *Genypterus blacoides*
CLOUDY BAY COD, LING
Hector 1872: 116–1167, pl. 8
Thomson G 1877: 485
Thomson G 1878: 326
Thomson G 1879: 382

1471 *Genypterus microstomus*
LING, NORTHERN LING
Regan 1903: 599–600
Hutton 1904c: 83
Waite 1907: 33
Phillipps 1927b: 52
Phillipps 1927c: 14
McCulloch 1929: 358
Whitley 1956b: 412
Whitley 1968a: 83
Paulin & Stewart 1985: 25
Paulin et al. 1989: 131, 256
Roberts C 1991: 3, 8–9, 17, fig. 4A

1472 *Genypterus placodes*
LING
Japan, DSTA 1971: 64, *

1473 *Genypterus*
LING
Gunther 1880b: 287, 549
Moreland 1959: 29

1474 *Luciobrotula* sp.
Paulin et al. 1989: 131, 256

1475 *Ophidium blacodes*
LING
Bloch & Schneider 1801: 484
Richardson & Gray 1843: 226
Richardson J 1843a: 28
Forster J.R. 1844: 115–117
Gill 1893: 94–96

1476 *Spectrunculus grandis*
Nielsen & Hureau 1980: 149–169, figs 1–11
Paulin & Stewart 1985: 25
Paulin et al. 1989: 131, 256

1477 *Xiphiurus blacodes*
LING
Arai & Abe 1968: 145
Inoue et al. 1968: 137, fig.
Robins & Lea 1976: 90–93

1478 LING
Rochon 1783:
Hector 1872: 101
Thomson G 1877: 487–488
Thomson G 1878: 325, 328
Thomson G 1879: 383
Sherrin 1886: 7, 51, 107–108
Thomson G 1892: 204
Drummond & Hutton 1905: 71
Anderton 1910: 11
Waite 1911c: 265
Anderton 1913: 14
Beattie 1920: 60
Thomson G 1924: 18
Young 1926a: 100–101
Archey 1927: 200, 203
Thomson G 1930: 30
Graham D 1939a: 423–427, 429, 432–434, 435–436
Shorland 1948a: 79
Cunningham 1949: 92
Cunningham M et al. 1949: 216
Shorland 1949a: 5
Shorland 1949b: 61
Dickinson 1958: 10–15
Whitley & Allan 1958: 15
Hurley 1961: 268
Gaskin 1964: 109
Sorensen 1965b: 122
Paul 1966c: (1) 677
Sorensen 1969a: 13, 27
Struik 1983: 215, 218
Boyce et al. 1986: 4, *
Clark I et al. 1988: 328
Freeman 1998: 41
Leach [et al. 1999A]: *

Family Bythitidae Brotulas

Species recognised in 2015:
Bidenichthys consobrinus (Hutton, 1876) Grey brotula
Bidenichthys paxtoni (Nielsen & Cohen, 1986) Paxton's brotula
Bidenichthys slartibartfasti Paulin, 1995 Fiordland brotula
Brosmodorsalis persicinus Paulin & Roberts, 1989 Pink brotula
Cataetyx bruuni (Nielsen & Nybelin, 1963) Bruun's brotula

Cataetyx chthamalorhynchus Cohen, 1981 White brotula
Cataetyx nielseni Balushkin & Prokofiev, 2005 Dwarf brotula
Cataetyx niki Cohen, 1981 Brown brotula
Cataetyx sp. Vipertooth cusk
Dermatopsis joergennielseni Moller & Schwarzhans, 2006 Nielsen's fleshfish
Diplacanthopoma sp. Tusklet
Microbrotula punicea Anderson, 2007 Persimmon brotula
Tuamotuichthys schwarzhansi Nielsen & Moller, 2008 Schwarzhans' cusk

1479 *Bidenichthys beeblebroxi*
Paulin 1995: 249–258, figs 3, 4
Francis M 1996a: 49
Taylor & Willis 1998: 256

1480 *Bidenichthys capensis*
Nielsen et al. 1999: 118, fig. 113

1481 *Bidenichthys consobrinus*
GREY BROTULA
Paulin & Roberts 1989: 356–357, 360
Paulin et al. 1989: 133, 256, fig. 59.5a, pl., p. [162a]
Paulin & Roberts 1992: 39–40, pl. 5C, D
Paulin & Roberts 1993: 199
Paulin 1995: 249–258, figs 2, 4

1482 *Brosmodorsalis persicinus*
PINK BROTULA
Paulin & Roberts 1989: 355–361, figs 1–3
Paulin et al. 1989: 132, 256, fig. 59.2
Hardy 1990: 9
Paulin & Roberts 1992: 40–41, figs 9a, b, pl. 5E, F
Paulin & Roberts 1993: 199
Francis M 1996a: 49
Nielsen et al. 1999: 119, fig. 114

1483 *Brosmophyciops* sp.
ORANGE BROTULA, PINK BROTULA,
Paulin & Stewart 1985: 26
Hardy et al. 1987: 244

1484 *Cataetyx messierei*
GIANT CUSKEEL
McCann 1972: 634–637, figs 18–20
Cohen 1981: 1094–1095
Ayling & Cox 1982: 154, fig.

1485 *Cataetyx niki*
BROWN BROTULA
Paulin & Stewart 1985: 26
Paulin et al. 1989: 133, 252

1486 *Cataetyx* sp.
WHITE BROTULA
Robertson et al. 1984: 24
Paulin & Stewart 1985: 26
Paulin 1987a: 16, fig.
Clark & King 1989: 52
Paulin et al. 1989: 133, 252
Tracey et al. 1990: 34
Roberts C 1991: 17
Paulin et al. 1996: 29, fig.

1487 *Dermatopsis macrodon*
FLESHFISH
Cohen 1966: 188–191, figs 1–3
Whitley 1968a: 82
Ayling & Cox 1982: 153, fig.
Paulin & Stewart 1985: 26
Paulin et al. 1989: 133, 256, fig. 59.5b
Paulin & Roberts 1992: 38–38, figs7a, b, pl. 5B
Paulin & Roberts 1993: 199
Francis M 1996a: 49
Nielsen et al. 1999: 127, fig. 122

1488 *Dinematichthys consobrinus*
ORANGE CUSKEEL
Hutton 1876: 217–218
Hector 1877a: 466–467, pl. 9
Hector 1877b: 341–342
Sherrin 1886: 304
Hutton 1890: 282
Gill 1893: 119
Hutton 1904c: 49
Waite 1907: 32
Phillipps 1927b: 51
Phillipps 1927c: 14
Whitley 1956b: 412
Cohen 1966: 185
Whitley 1968a: 82
Ayling & Cox 1982: 153, fig.
Russell 1996: 224

1489 *Diplacanthopoma* sp.
Paulin & Stewart 1985: 26
Paulin et al. 1989: 133, 256

1490 *Fiordichthys slartibartfasti*
Paulin 1995: 249–258, figs 1, 4
Ryan & Paulin 1998: 132, 133 (pl)
Nielsen et al. 1999: 132, fig. 127

1491 *Monothrix consobrinus*
GREY BROTULA
Paulin & Stewart 1985: 26
Hardy et al. 1987: 243–244

1492 ?*Monothrix* sp.
Hardy et al. 1987: 244, 247

1493 BLIND BROTULID
Whitley 1956b: 411
Whitley 1968a: 82

Family Aphyonidae Aphyonids

Species recognised in 2015:
Aphyonus gelatinosus Günther, 1878 Abyssal cuskeel
Sciadonus galatheae (Nielsen, 1969) Slender abyssal cuskeel

1494 *Aphyonus* sp.
Paulin et al. 1989: 133, 256, fig. 60.1

1495 *Leucochlamys galatheae*
Nielsen 1969: 75–78, figs 48, 51–57
Roberts C & Paulin 1997: 214

1496 *Sciadonus galatheae*
Paulin et al. 1989: 133, 256, fig. 60.3
Roberts C & Paulin 1997: 214

1497 *Sciadonus* sp.
Paulin & Stewart 1985: 26

Order GADIFORMES Cods

Family Muraenolepididae Moray cods

Species recognised in 2015:
Muraenolepis ?*orangiensis* Moray cod

1498 *Muraenolepis marmoratus*
Paulin et al. 1989: 117, 254, fig. 49.1
Roberts C 1991: 5, 17
Francis M 1996a: 42, 45, 49

1499 *Muraenolepis ?microps*
Paulin & Stewart 1985: 21

Family Bregmacerotidae Codlets

Species recognised in 2015:
Bregmaceros mcclellandii Thompson, 1840 Codlet

1500 *Bregmaceros macclellandi*
CODLET
Ayling & Cox 1982: 148, fig.
Paulin & Stewart 1985: 23
Paulin et al. 1989: 120–121, 255, fig. 52.1

1501 *Bregmaceros macclellandii*
CODLET, UNICORN CODLET
Gunther 1876: 398
Gunther 1877: 471
Gunther 1880b: 545, fig. 249
Gunther 1889: 23–24

1502 *Bregmaceros maclallandii*
Sherrin 1886: 30

1503 *Bregmaceros punctatum*
Hutton 1890: 282

1504 *Bregmaceros punctatus*
Gunther 1876: 390, 398
Gunther 1877: 471

1505 *Bregmaceros*
Hutton 1873b: 266
Gunther 1880: 287

Family Euclichthyidae Eucla cod

Species recognised in 2015:
Euclichthys polynemus McCulloch, 1926 Eucla cod

1506 *Euclichthys polynemus*
BEARDED COD, DEEPWATER BEARDED COD, EUCLA COD
Svetovidov 1969: 1826
JFA 1972: *
McCann 1972: 630–632, figs 14–15
Habib 1974: 1406
Ayling & Cox 1982: 150, fig.
Last et al. 1983: 232–233, fig.
Paulin 1983: 87–88, fig 5
Paulin & Stewart 1985: 23
Paul 1986: 56
Clark & King 1989: 51, 55
Paulin et al. 1989: 121, 255, fig. 53.1
Cohen 1990a: 18, fig. 29
Amaoka et al. 1990: 170, fig.
McClatchie et al. 1997: 666
Paul 2000: 56

Family Macrouridae Rattails, grenadiers

Species recognised in 2015:
Asthenomacrurus victoris Sazonov & Shcherbachev, 1982 Softnose grenadier
Cetonurus crassiceps (Günther, 1878) Thickhead rattail
Cetonurus globiceps (Vaillant 1884) Globehead rattail
Coelorinchus acanthiger Barnard, 1925 Spottyface rattail
Coelorinchus aspercephalus Waite, 1911 Obliquebanded rattail
Coelorinchus biclinozonalis Arai & McMillan, 1982 Twosaddle rattail
Coelorinchus bollonsi McCann & McKnight, 1980 Bollons' rattail
Coelorinchus celaenostomus McMillan & Paulin, 1993 Blacklip rattail
Coelorinchus cookianus McCann & McKnight, 1980 Cooks' rattail
Coelorinchus cylindricus Iwamoto & Merrett, 1997 Cylinder rattail
Coelorinchus fasciatus (Günther, 1878) Banded rattail
Coelorinchus horribilis McMillan & Paulin, 1993 Horrible rattail
Coelorinchus infuscus McMillan & Paulin, 1993 Dusky rattail
Coelorinchus innotabilis McCulloch, 1907 Notable rattail
Coelorinchus kaiyomaru Arai & Iwamoto, 1979 Kaiyomaru rattail
Coelorinchus kermadecus Jordan & Gilbert, 1904 Kermadec rattail
Coelorinchus matamua (McCann & McKnight, 1980) Mahia rattail
Coelorinchus maurofasciatus McMillan & Paulin, 1993 Darkbanded rattail
Coelorinchus melanobranchus Iwamoto & Merrett, 1997 Blackgill rattail
Coelorinchus mycterismus McMillan & Paulin, 1993 Upturnedsnout rattail
Coelorinchus mystax McMillan & Paulin, 1993 Patterned rattail
Coelorinchus obscuratus McMillan & Iwamoto, 2009 Obscure rattail
Coelorinchus oliverianus Phillipps, 1927 Oliver's rattail
Coelorinchus parvifasciatus McMillan & Paulin, 1993 Smallbanded rattail
Coelorinchus supernasutus McMillan & Paulin, 1993 Supernose rattail
Coelorinchus trachycarus Iwamoto, McMillan & Shcherbachev, 1999 Rough-head rattail
Coryphaenoides armatus (Hector, 1875) Cosmopolitan rattail
Coryphaenoides dossenus McMillan, 1999 Humpback rattail
Coryphaenoides fernandezianus (Günther, 1887) Fernandez rattail
Coryphaenoides filicauda Gunther, 1878 Finetail rattail
Coryphaenoides grahami Iwamoto & Shcherbachev, 1991 Graham's rattail
Coryphaenoides mcmillani Iwamoto & Shcherbachev, 1991 McMillan's rattail
Coryphaenoides microstomus McMillan, 1999 Smallmouth rattail
Coryphaenoides murrayi Günther, 1878 Murray's rattail
Coryphaenoides rudis Barnard, 1925 Rudis rattail
Coryphaenoides serrulatus Günther, 1878 Serrulate rattail
Coryphaenoides striaturus Barnard, 1925 Striate rattail
Coryphaenoides subserrulatus Makushok, 1976 Four-ray rattail
Cynomacrurus piriei Dollo, 1909 Dogtooth rattail
Haplomacrourus nudirostris Trunov, 1980 Nakedsnout rattail
Hymenocephalus fuscus McMillan & Iwamoto, 2014 Black membranehead
Hymenocephalus maculicaudus McMillan & Iwamoto, 2014 Spottytail membranehead
Hymenocephalus nascens Gilbert & Hubbs, 1920 Nascent membranehead
Hymenogadus gracilis (Gilbert & Hubbs, 1920) Slender membranehead
Kumba dentoni Marshall, 1973 Denton's rattail
Kumba gymnorhynchus Iwamoto & Sazonov, 1994 Nakedface rattail
Kuronezumia bubonis (Iwamoto, 1974) Bulbous black rat
Kuronezumia leonis (Barnard, 1925) Starnose black rat
Lepidorhynchus denticulatus (Richardson, 1846) Javelin fish
Lucigadus nigromaculatus (McCulloch, 1907) Blackspot rattail
Macrourus carinatus (Günther, 1878) Carinate rattail
Macrourus holotrachys Günther, 1878 Robust rattail
Malacocephalus laevis (Lowe, 1843) Smooth-head rattail
Mesobius antipodum Hubbs & Iwamoto, 1977 Black javelinfish
Nezumia brevibarbata (Barnard, 1925) Shortbeard marlinspike
Nezumia coheni Iwamoto & Merrett, 1997 Cohen's marlinspike
Nezumia kapala Iwamoto & Williams, 1999 Kapala marlinspike
Nezumia namatahi McCann & McKnight, 1980 Squashedface marlinspike

Nezumia propinqua (Gilbert & Cramer, 1897) Bluebelly marlinspike
Nezumia sp. Kermadec marlinspike
Odontomacrurus murrayi Norman, 1939 Largefang rattail
Sphagemacrurus pumiliceps (Alcock, 1894) Dwarf rattail
Trachonurus gagates Iwamoto & McMillan, 1997 Velvet rattail
Trachonurus cf. *villosus* (Günther, 1877) Hairy rattail

1507 *Caelorinchus acanthiger*
Iwamoto & Williams 1999: 123–125, fig. 5

1508 *Caelorinchus aspercephalus*
McClatchie et al. 1997: 665
James & Stahl 2000: 438, 444, 448

1509 *Caelorinchus biclinozonalis*
Roberts C & Paulin 1997: 216

1510 *Caelorinchus bollonsi*
McClatchie et al. 1997: 665
James & Stahl 2000: 438, 448

1511 *Caelorinchus celaenostomus*
McMillan & Paulin 1993: 821–823, fig. 2
Iwamoto & Merrett 1997: 490–493, fig. 7

1512 *Caelorinchus fasciatus*
McClatchie et al. 1997: 665
McClatchie et al. 2000: 185

1513 *Caelorinchus horribilis*
McMillan & Paulin 1993: 823–824, fig. 3

1514 *Caelorinchus infuscus*
McMillan & Paulin 1993: 824–825, fig. 4

1515 *Caelorinchus innotabilis*
McClatchie et al. 1997: 665
Iwamoto & Williams 1999: 140–141, fig. 12
James & Stahl 2000: 438, 444, 448
McClatchie et al. 2000: 185, 186

1516 *Caelorinchus kaiyomaru*
Iwamoto & Anderson 1994: 6–7
McClatchie et al. 1997: 665

1517 *Caelorinchus kermadecus*
Iwamoto & Merrett 1997: 496–499, fig. 10

1518 *Caelorinchus matamua*
Iwamoto & Anderson 1994: 7
McClatchie et al. 1997: 665
Iwamoto & Williams 1999: 148–150, fig. 17
McClatchie et al. 2000: 185

1519 *Caelorinchus maurofasciatus*
McMillan & Paulin 1993: 825–827, fig. 5
Iwamoto & Williams 1999: 150–152, fig. 18

1520 *Caelorinchus milii*
McClatchie et al. 1997: 665

1521 *Caelorinchus mycterismus*
McMillan & Paulin 1993: 827–829, fig. 6
Iwamoto & Williams 1999: 157–159, fig. 21

1522 *Caelorinchus mystax*
McMillan & Paulin 1993: 929–830, fig. 7

1523 *Caelorinchus oliverianus*
McClatchie et al. 1997: 665
James & Stahl 2000: 438, 444, 448

1524 *Caelorinchus parvifasciatus*
McMillan & Paulin 1993: 830–832, fig. 8
James & Stahl 2000: 439, 444, 448

1525 *Caelorinchus spathulata*
McMillan & Paulin 1993: 832–833, fig. 9

1526 *Caelorinchus spathulatus*
Iwamoto & Merrett 1997: 50
9–511, fig. 16

1527 *Caelorinchus supernasutus*
McMillan & Paulin 1993: 833–835, fig. 10

1528 *Caelorinchus trachycarus*
Iwamoto et al. 1999: 49–54, figs 1, 2
Iwamoto & Williams 1999: 166–167, fig. 247

1529 *Caelorinchus* sp.
Freeman 1998: 38, 40, 41
Imber 1999: 207
James & Stahl 2000: 439, 444

1530 *Cetonurus crassiceps*
GLOBOSEHEAD RATTAIL, THICKHEAD
Hutton 1904c: 49
Waite 1907: 17
Whitley 1956b: 403
Whitley 1968a: 37
McCann & McKnight 1980: 16, 26, 29, 87–90
Paulin & Stewart 1985: 24
Clark M 1988: 418, 420
Clark & King 1989: 52
Paulin et al. 1989: 128, 255, fig. 56.24

1531 *Cetonurus globiceps*
Sazonov & Shcherbachev 1985: 18, fig. 3
Iwamoto & Williams 1999: 169–170, fig.

1532 *Chalinura murrayi*
Gill 1893: 121
Hutton 1904c: 49

Waite 1907: 17
Phillipps 1927b: 22
Phillipps 1927c: 12
Grey 1956: 170
Makushok 1966: 168

1533 *Coelorhinchus australis*
McCulloch 1929: 127

1534 *Coelorhynchus aspercephalus*
Waite 1911b: 157, 176, 178–180, fig. 2, pl. 29
Waite 1912c: 318
Thomson G 1913: 233
Thomson & Anderton 1921: 73
Archey 1927: 200
Phillipps 1927: 22
Phillipps 1927a: 125–126
Phillipps 1927c: 12
Parrott 1948: 155–156
Graham J 1963: 167
Scott E 1970: 42–43
Japan FSFRL 1972: 94
Robertson 1975c: 11
Wei et al. 1976: 57, fig.
Kerstan & Sahrhage 1980: 123–128
McCann & McKnight 1980: 17, 74–9, 87–90, fig. 58–60
Robertson 1980a: 34, 35, 36
Freeman & Tunnicliffe 1997: 7

1535 *Coelorhynchus australis*
JAVELIN FISH, RATFISH, RAT-TAIL
Gill 1893: 121
Ogilby 1897b: 84–85
Waite 1907: 17
Waite 1911b: 176–179, fig. 1, pl. 29
Thomson G 1913: 233
Phillipps 1921a: 120
Thomson & Anderton 1921: 73
Archey 1927: 200
Phillipps 1927a: 125–126
Phillipps 1927b: 22
Phillipps 1927c: 12
Graham D 1938: 404
Graham D 1939b: 364
Parrott 1948: 155–156
Phillipps 1948: 129
Laird 1951: 297–299, 306
Laird 1952: 589–590, 592–595, 600
Manter 1954: 479, 481, 484, 485–486, 551–552, 558
Meglitsch 1960: 307–308
Robinson 1961: 251, 263
Graham J 1963: 167
Tong & Elder 1968: 64, 66
Dillon & Hargis 1968: 355
Meglitsch 1968: 397, 399, 401
Shuntov & Demidenko 1970: 98
Scott E 1970: 42–3
Shuntov 1971: 337, 342
Hewitt & Hine 1972: 81–82
Robertson 1975c: 11, fig. 8
Francis M 1979: 66
Shuntov 1979: 72, *
Kerstan & Sahrhage 1980: 123–128
McCann & McKnight 1980: 17, 72–74, 87–90, fig. 54–57
Robertson 1980a: 34, 35, 36
Robertson 1981 148, fig. 1
Grabda & Ślósarczyk 1981: 89, 95

1536 *Coelorhinchus bollonsi*
Mitchell 1984: 273
Bray & Jones 1993: 69

1537 *Coelorhinchus fasciatus*
Mitchell 1984: 265, 273

1538 *Coelorhinchus oliverianus*
Mitchell 1984: 273

1539 *Coelorhinchus* sp.
Mitchell 1984: 273

1540 *Coelorhynchus australis*
Pilgrim 1985: 35, 37

1541 *Coelorhynchus bollonsi*
McCann & McKnight 1980: 17, 80–82, 87–90, figs 65–67

1542 *Coelorhynchus campbellicus*
McCann & McKnight 1980: 17, 57–58, 87–90, figs 39, 40, 60

1543 *Coelorhynchus cookianus*
McCann & McKnight 1980: 17, 82–84, 87–90, figs 65–67

1544 *Coelorhynchus fasciatus*
BANDED RATTAIL, STRIPED RATTAIL
Moreland 1957: 34
Moreland 1959: 29
Scott E 1970: 42–43
Shuntov & Demidenko 1970: 98
Shuntov 1971: 337, 339, 342
Hewitt & Hine 1972: 82
Leont'eva et al. 1974: 118
Shuntov 1979: 72, *
Kerstan & Sahrhage 1980 123–128, fig. 123
McCann & McKnight 1980: 17, 67–72, 87–90, figs 48–53
Golovan' & Pakhorukov 1983: 16
Davison & Van Berkel 1985: 149
Pilgrim 1985: 35
Kashkina 1986: 60

1545 *Coelorhynchus innotabilis*
Scott E 1970: 42–43
JFA 1978: *
Kerstan & Sahrhage 1980: 123–128

McCann & McKnight 1980: 17, 59–60, 87–90, figs 41–43, 60

1546 *Coelorhynchus kaiyomaru*
Golovan' & Pakhorukov 1983: 16

1547 *Coelorhynchus kermadecus*
Jordan & Starks 1904: 618–619
Waite 1907: 17
Waite 1911b: 178
Phillipps 1927a: 125–126
Parrott 1948: 155
McCann & McKnight 1980: 17, 85, 87–90, fig. 60, 68, 69

1548 *Coelorhynchus mirus*
Moreland 1957: 34
Scott E 1970: 42–43
Shuntov & Demidenko 1970: 98
Shuntov 1971: 337, 342
Shuntov 1979: 72, *
McCann & McKnight 1980: 17, 72, 87–90
Kashkina 1986: 60

1549 *Coelorhynchus oliverianus*
JAVELIN FISH
Phillipps 1927a: 125–126, pl. 3
Parrott 1948: 155
Moreland 1957: 34
Scott E 1970: 43
Kerstan & Sahrhage 1980: 123–128
McCann & McKnight 1980: 17, 60–67, 87–90, figs 44–47
Hardy 1990: 9

1550 *Coelorhynchus parallelus*
Hutton 1904c: 49
Waite 1911b: 178
Parrott 1948: 155

1551 ?*Coelorhyncus fasciatus*
Hewitt 1964b: 55

1552 *Coelorhynchus*
Imber 1976a: 127

1553 *Coelorhynchus* sp.
Vlieg 1983: 233–235
Murdoch & Chapman 1989: 62

1554 *Coelorinchus acanthiger*
Cohen et al. 1990: 139–140, fig. 342

1555 *Coelorinchus aspercephalis*
Hine et al. 2000: 59

1556 *Coelorinchus aspercephalus*
JAVELIN FISH, OBLIQUE[-]BANDED RATTAIL, ROUGH-HEAD WHIPTAIL, SMOOTH RATTAIL, WHIPTAIL
Whitley 1956b: 403
Parrott 1960: 81–84, fig. 26
Ayling & Cox 1982: 158, pl. 10
van den Broek et al. 1984: *
Clark 1985a: 355–358, 360, figs 12, 13
Clark 1985b: 365–374, figs 1–5
Paulin & Stewart 1985: 24
Paul 1986: 62, fig.
Vlieg & Body 1988: 151–161
Fenaughty & Uozumi 1989: 36
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 126, 255, fig. 56.14a
Amaoka et al. 1990: 171, fig.
Cohen et al. 1990: 145–146, figs 352, 353
Iwamoto 1990: 145–146, figs 352–353
Roberts C 1991: 3, 17
Gauldie 1993c: 1*
Weisler et al. 1999: 37–43
Paul 2000: 62, figs

1557 *Coelorinchus australis*
RUGOSE RATTAIL
Ayling & Cox 1982: 158–59, fig.
Pilgrim 1985: 36
Amaoka et al. 1990: 172
Hine et al. 2000: 59

1558 *Coelorinchus biclinozonalis*
TWO[-]BANDED RATTAIL, TWO-BARRED WHIPTAIL, TWO-SADDLE RATTAIL, RUGOSE RATTAIL
Arai & McMillan 1982: 115–120, figs 1, 2A, 3A
Roberts & Van Berkel 1982: 135
Paulin & Stewart 1985: 24
Paul & Heath 1985: 71, pl. 28
Paul 1986: 62, figs
Hine et al. 1987: 32
Hurst & Bagley 1987: 42
Clark & King 1989: 51
Fenaughty & Uozumi 1989: 36
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 126, 255, fig. 56.14b
Amaoka et al. 1990: 172, fig.
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Paul et al. 1993: 127, fig.
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1559 *Coelorinchus bollonsi*
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Amaoka et al. 1990: 173, 174, fig.
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1560 *Coelorinchus cookianus*
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1561 *Coelorinchus fasciatus*
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1562 *Coelorinchus innotabilis*
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1563 *Coelorinchus kaivomaru*
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1564 *Coelorinchus kaiyomaru*
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1565 *Coelorinchus kermadecus*
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1566 *Coelorinchus matamua*
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1567 *Coelorinchus mirus*
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1568 *Coelorinchus oliverianus*
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1569 *Coelorinchus parallelus*
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1570 *Coelorinchus*
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1571 *Coelorinchus* sp.
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1572 *Coelorinchus* sp.
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1573 *Coelorinchus* sp.
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1574 *Coelorinchus* sp.
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1575 *Coelorinchus* sp.
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1576 *Coelorinchus* sp.
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1577 *Coelorinchus* sp.
SPOTTYFACED RATTAIL
Paulin et al. 1989: 126, 255, fig. 56.15b

1578 *Coelorinchus* sp.
SUPANOSE RATTAIL
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1579 *Coelorinchus* sp.
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1580 *Coelorinchus* sp.
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1581 *Coryphaenoides armatus*
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1582 *Coryphaenoides denticulatus*
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1583 *Coryphaenoides dossenus*
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1584 *Coryphaenoides filicauda*
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1585 *Coryphaenoides macmillani*
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1586 *Coryphaenoides microstomus*
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1587 *Coryphaenoides murrayi*
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1588 *Coryphaenoides paradoxus* (*rudis*)
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1589 *Coryphaenoides quadripennatus*
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1590 *Coryphaenoides rudis*
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1591 *Coryphaenoides serrulatus*
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1592 *Coryphaenoides striaturus*
Iwamoto & Shcherbachev 1991: 214–217, fig. 6
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1593 *Coryphaenoides subserrulatus*
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1594 *Coryphaenoides*
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1595 *Coryphaenoides* sp.
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1596 *Coryphaenoides* sp.
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1597 *Coryphaenoides* sp. A (*dossenus*)
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1598 *Coryphaenoides* sp.
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1599 *Fuyangia murrayi*
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1600 *Garichthys fasciatus*
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1601 *Garichthys mirus*
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1602 *Haplomacrurus nudirostris*
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1603 *Hymenocephalus* sp.
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1605 *Kuronezumia bubonis*
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1606 *Kuronezumia leonis*
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1607 *Lepidorhynchus denticulatus*
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1608 *Lepidorhyncus denticulatus*
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1609 *Lionurus nigromaculatus*
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1610 *Macrourus carinatus*
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1611 *Macrourus holotrachys*
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1612 *Macrourus rudis*
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1613 *Macrourus serrulatus*
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1614 *Macrourus*
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1615 *Macrurus armatus*
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1616 *Macrurus australis*
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1617 *Macrurus carinatus*
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1618 *Macrurus crassiceps*
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1619 *Macrurus denticulatus*
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1620 *Macrurus longirostris*
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1621 *Macrurus murrayi*
Gunther 1887a: 146, pl. 34
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1622 *Macrurus parallelus*
Gunther 1887a: 125–127, pl. 29
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1623 *Macrurus rudis*
Hamilton A 1896: 13
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1624 *Macrurus serrulates*
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1625 *Macrurus serrulatus*
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1626 *Macrurus*
Thomson G 1901: 574
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1627 *Mahia matamua*
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1628 *Malacocephalus laevis*
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1629 *Mesobius antipodum*
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1630 *Nematonurus armatus*
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1631 *Nematonurus*
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1632 *Nezumia bubonis*
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1633 *Nezumia coheni*
Iwamoto & Merrett 1997: 540–541, fig. 28

1634 *Nezumia namatahi*
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1635 *Nezumia nigramaculata*
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1636 *Nezumia nigromaculata*
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Kerstan & Sahrhage 1980: 123–128
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1637 *Nezumia toi*
McCann & McKnight 1980: 17, 47–50, 87–90, figs 28–31
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1638 *Nezumia* sp.
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Robertson et al. 1984: 24
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1639 *Nezumia* sp.
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1640 *Odontomacrurus murrayi*
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1641 *Optonurus denticulatus*
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1642 *Oxygadus kermadecus*
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1643 *Paramacrurus australis*
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1644 *Trachonurus gagates*
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1645 *Trachonurus villosus*
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1646 *Trachonurus* sp. A
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1647 *Trachonurus* sp. B
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1648 *Ventrifossa nigromaculata*
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1649 *Ventrifossa nigromaculatus*
BLACKSPOT RATTAIL
JFA 1978: *
Amaoka et al. 1990: 194, fig.

1650 BOLLON'S RATTAIL
Clark & King 1989: fig. 7

1651 FOUR RAYED RATTAIL
Clark & King 1989: fig. 7

1652 GRENADIER
Boyce et al. 1986: 4, *

1653 JAVELIN FISH
Graham D 1939a: 424
Natusch 1967: 214, fig. 63
Clark 1985b: 373

1654 RAT[-]TAIL
Dickinson 1958: 15
Moreland 1963: 28
Paul 1966c: (1) 678
Hatanaka et al. 1989A: 15, 19, 51, fig. 29

1655 SERRULATE RATTAIL
Clark & King 1989: fig. 7

Family Bathygadidae Codhead rattails

Species recognised in 2015:
Bathygadus cottoides Günther, 1878 Codhead rattail
Bathygadus cf. *spongiceps* Gilbert & Hubbs, 1920 Spongyhead rattail
Gadomus aoteanus McCann & McKnight, 1980 Filamentous rattail
Gadomus cf. *colletti* Jordan & Gilbert, 1904 Longbeard rattail

1656 *Bathygadus cottoides*
COD-HEADED RATTAIL, DEEPSEA RATTAIL, WHIPTAIL
Gunther 1878a: 23
Gunther 1887a: 154–155, pl. 42
Hutton 1890: 282
Gill 1893: 121
Goode & Bean 1895: 420
Hamilton A 1896: 13–14
Hutton 1904c: 49
Waite 1907: 18
Whitley 1956b: 403
Wheeler & O'Riordan 1969: 95
McCann 1972: 624–625, fig. 6, 7
McCann & McKnight 1980: 16, 19, 87–90, fig. 1, 2
Ayling & Cox 1982: 156–157, fig.
Paulin & Stewart 1985: 24
Clark M 1988: 418, 420
Clark & King 1989: 55
Paulin et al. 1989: 124, 255, fig. 56.6b
Amaoka et al. 1990: 181, figs
Iwamoto & Anderson 1994: 3–4, figs 1, 2
Iwamoto & Merrett 1997: 479–480

1657 *Bathygadus longifilis*
McCann 1972: 625–626, figs 8–9
Shuntov 1979: 72, *

1658 *Bathygadus*
Waite 1910b: 383

1659 *Bathygadus* sp.
Rosecchi et al. 1988: 300
Paulin et al. 1989: 255

1660 *Gadomus aoteanus*
FILAMENTOUS RATTAIL
McCann & McKnight 1980: 16, 21, 87–90, figs 3, 4
Ayling & Cox 1982: 157, fig.
Robertson et al. 1984: 24
Paulin & Stewart 1985: 25
Rosecchi et al. 1988: 300
Clark M 1988: 418
Clark & King 1989: 51, 55
Paulin et al. 1989: 124, 255, fig. 56.6a
Amaoka et al. 1990: 185
Tracey et al. 1990: 33
Hine et al. 2000: 62

1661 *Gadomus introniger*
Amaoka et al. 1990: 185, fig.

Family Macrouroididae Balloonhead rattails

Species recognised in 2015:
Squalogadus modificatus Gilbert & Hubbs, 1916 Balloonhead rattail

1662 *Squalogadus modificatus*
Paulin et al. 1989: 123, 256, fig. 56.2

Family Trachyrincidae Rough rattails

Species recognised in 2015:
Idiolophorhynchus andriashevi Sazonov, 1981 Pineapple rattail
Trachyrincus aphyodes McMillan, 1995 White rattail
Trachyrincus longirostris (Günther, 1878) Unicorn rattail

1663 *Idiolophorhynchus andriashevi*
PINEAPPLE RATTAIL
Sazonov 1981: 1357–1363, fig.
Paulin & Stewart 1985: 25
Clark & King 1989: 51
Paulin et al. 1989: 123, 255, fig. 56.4
Roberts C 1991: 17
McMillan 1995: 84–85, fig. 1
Iwamoto & Williams 1999: 235–236, fig. 58

1664 *Idiolophorhynchus* sp.
Iwamoto 1990: 312

1665 *Trachyrhinchus* sp.
Mitchell 1984: 273

1666 *Trachyrhynchus longirostris*
UNICORN RATTAIL
Gunther 1887a: 153, pl. 41
Gill 1893: 121
Hutton 1904c: 49
Makushok 1966: 168
Hewitt & Hine 1972: 99
Francis M 1979: 66
Shuntov 1979: 72, *
McCann & McKnight 1980: 16, 21, 25, 87–90, fig. 5–7
Ayling & Cox 1982: 158, fig.
Vlieg & Body 1988: 151–161

1667 *Trachyrincus aphyodes*
WHITE RATTAIL
McMillan 1995: 88–90, fig. 4
Clark et al. 2000: 225, fig. 5
McClatchie et al. 2000: 185

1668 *Trachyrinchus longirostris*
UNICORN RATTAIL, WHITE RATTAIL
Robertson et al. 1984: 11, 24
Hine et al. 1987: 32
Clark & King 1989: 6
Hatanaka et al. 1989B: 31
McClatchie et al. 1997: 667
Hine et al. 2000: 67
Paul 2000: 63, fig.

1669 *Trachyrinchus* sp.
UNICORN RATTAIL, WHITE RATTAIL
Clark & King 1989: 6, 8–9, 12–13, 26, 28–29, 45, 51, figs 6–7, 41–42
Fenaughty & Uozumi 1989: 16, 36–37
Tracey et al. 1990: 19, 33

1670 *Trachyrincus longirostris*
SLENDER UNICORN RATTAIL, UNICORN RATTAIL, WHIPTAIL, WHITE RATTAIL
Waite 1907c: 17
Phillipps 1941b: 241, pl. 40
Whitley 1956b: 403
JFA 1978: *
Paulin & Stewart 1985: 25
Paul 1986: 63, fig.
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 123, 256
Amaoka et al. 1990: 195, fig.
McMillan 1995: 85–88, figs 2, 3

1671 *Trachyrincus* sp.
UNICORN RATTAIL
Paulin et al. 1989: 123, 256
Roberts C 1991: 17

1672 UNICORN RATTAIL
Gilbert et al. 2000: 460, fig. 5

Family Moridae Morid cods

Species recognised in 2015:
Antimora rostrata (Günther, 1878) Violet cod
Auchenoceros punctatus (Hutton, 1873) Ahuru
Gadella macrura Sazonov & Shcherbachev, 2000 Longtail cod
Guttigadus globiceps (Gilchrist, 1906) Codling
Guttigadus globosus (Paulin, 1986) Tadpole cod

Guttigadus kongi (Markle & Meléndez, 1988) Little codling
Guttigadus nudicephalus (Trunov, 1990) Nakedhead codling
Halargyreus johnsonii Günther, 1862 Johnson's slender cod
Halargyreus sp. Australasian slender cod
Laemonema robustum Johnson, 1862 Robust mora
Lepidion inosimae (Günther, 1887) Giant cod
Lepidion microcephalus Cowper, 1956 Smallhead cod
Lepidion schmidti Svetovidov, 1936 Schmidt's cod
Lotella phycis (Temminck & Schlegel, 1846) Beardie
Lotella rhacina (Forster, 1801) Rock cod
Mora moro (Risso, 1810) Ribaldo
Notophycis marginata (Günther, 1878) Dwarf cod
Physiculus luminosus Paulin, 1983 Luminescent cod
Physiculus therosideros Paulin, 1987 Shining cod
Pseudophycis bachus (Forster, 1801) Red cod
Pseudophycis barbata Günther, 1863 Southern bastard cod
Pseudophycis breviuscula (Richardson, 1846) Northern bastard cod
Tripterophycis gilchristi Boulenger, 1902 Grenadier cod
Tripterophycis svetovidovi Sazonov & Shcherbachev, 1986 Giant grenadier cod

1673 *Antimora rostrata*
BLUE ANTIMORA, VIOLET COD
Svetovidov 1969: 1826
Kerstan & Sahrhage 1980: 117, 120
Small 1981: 347–348, fig. 1
Ayling & Cox 1982: 18, 146, fig.
Paulin 1983: 81, 110–111, 126, figs 19, 26
Robertson et al. 1984: 24
Davison & Van Berkel 1985: 148
Paulin & Stewart 1985: 22
Paulin 1988: 451
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 119, 254, fig. 50.11
Amaoka et al. 1990: 149, fig.
Cohen 1990c: 354, figs 769–770
Tracey et al. 1990: 33
Roberts C 1991: 17
McClatchie et al. 1997: 665
Hine et al. 2000: 59
Paul 2000: 59, fig.

1674 *Antimora viola*
VIOLET COD
JFA 1972: *
Habib 1974: 1406
JFA 1978: *

1675 *Anchenoceros punctatus*
Hutton 1896: 316

1676 *Auchenoceros punctatus*
AHURU, PINK COD
Gunther 1889: pl. 3
Hutton 1890: 282
Gill 1893: 121
Hutton 1904c: 49
Waite 1907: 18
Waite 1911b: 185–186
Phillipps 1927b: 24
Phillipps 1927c: 12
Thomson G 1931: 29
Thomson G 1932: 23
Graham D 1938: 406
Phillipps 1941b: 241–242, pl. 41
Phillipps 1947: 41
Graham D 1956: 66, 80, 97, 123, 165, 170–172, 188, 198, 204, 220, 240, 254, 282, 291, 296, 314, 339, 363, one fig.
Whitley 1956b: 404
McLintock 1966: (3) 707
Paul 1966c: (1) 373
McAllister 1968: 121
Whitley 1968a: 41
Godfriaux 1970a: 257
Shuntov 1970: 373
Habib 1974: 1406–1408, fig.
Robertson 1975c: 12, fig. 9
Smith & Crossland 1978: 342
Francis M 1979: 66
Shuntov 1979: 69, *
Robertson 1980a: 31–34, 56, 61, 62
Crossland 1981a: 20–21, figs 13–17
Robertson 1981: 152, fig. 2
Thompson 1981: 76
Ayling & Cox 1982: 142, fig.
Crossland 1982b: 23
Paul et al. 1983: 12
Paulin 1983: 81–103, 104–126, fig. 15, 26
Eldon & Kelly 1985: 23, 51
Paulin & Stewart 1985: 22
Paul & Heath 1985: 41, pl. 13
Paul 1986: 59, fig.
Roper 1986: 705–717
Paulin et al. 1989: 119, 254
van Heezik 1989: 152, 153
Cohen 1990c: 355, figs 771–772
van Heezik 1990a: 203–207, figs 1, 2
van Heezik 1990b: 545, figs 1, 2
Hanchet 1991: 315, 318
Carey 1992: 41, 42, figs 1, 2
Kingsford 1992: 45

Tricklebank et al. 1992: 269
Moore et al. 1995: 19, 20, 23, figs 12–17
Moore & Wakelin 1997: 19, 21, 22, 25, 26
McClatchie et al. 1997: 665
Paul & Heath 1997a: 18, fig.
Freeman 1998: 38
Jacob et al. 1998: 2127, 2137
Fea et al. 1999: 147–160
Hickford & Schiel 1999: 296
Weisler et al. 1999: 37–43
Paul 2000: 59, fig.

1677 ***Auchenoceros***
Paulin 1989b: 248

1678 ***Austrophycis marginata***
DWARF COD, DWARF CODLING
Last et al. 1983: 232, fig.
Paulin 1983: 81, 102–103, 126, figs 14, 26
van den Broek et al. 1984: *
Clark 1985a: 342, 348, 354
Paulin & Stewart 1985: 22
Paulin 1987a: 15, fig.
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 119, 254, fig. 50.8
Amaoka et al. 1990: 150, fig.
Cohen 1990c: 356, figs 773–774
Roberts C 1991: 17
Paulin et al. 1996: 38, fig.
McClatchie et al. 1997: 665

1679 ***Austrophycis marginatus***
DWARF COD
Ayling & Cox 1982: 142
Robertson et al. 1984: 24

1680 ***Austrophycys marginata***
DWARF COD
Hatanaka et al. 1989B: 31

1681 ***Calloptilum punctatum***
Hutton 1873a: 241
Hutton 1873b: 267, pl. 11
Hutton 1874b: 86
Gunther 1876: 398
Gunther 1877: 471
Sherrin 1886: 304
Gunther 1889: 23–24
Hutton 1890: 282
Graham D 1939a: 423–426, 433
Russell 1996: 215, 219, 223–224

1682 ***Brosmius venustus***
Richardson & Gray 1843: 222
Richardson J 1843a: 27
Taylor 1855: 413

1683 ***Enchelyopus bachus***
Bloch & Schneider 1801: XXVI, 53–54, 419
Forster J.R. 1801: MS 2.34

1684 ***Gadella norops***
Paulin 1987b: 75–76
Paulin 1989a: 101–103, figs 4, 6
Paulin et al. 1989: 119, 254
Hardy 1990: 8

1685 ***Gadum rhacinum***
Bloch & Schneider 1801: 56

1686 ***Gadus bacchus***
RED COD
Forster G [1772–1775]: 180
Forster J.R. 1801: MS 2.34
Forster J.R. 1844: 120–122

1687 ***Gadus magellanicus***
Balushkin 1990: 132

1688 ***Gadus rhacinus***
Forster G [1772–1775]: 179
Forster J.R. 1801: MS 4.16
Forster J.R. 1844: 304–305

1689 ***Gadus rubriginosus***
ROCK COD
Beaglehole 1962: 7, Vol. 2

1690 ***Gadus***
Gunther 1880b: 287
Beattie 1891: 73, 79, 81

1691 ***Guttigadus globiceps***
Meléndez & Markle 1997: 623, 657–659, figs 32c, 34

1692 ***Guttigadus globosus***
Meléndez & Markle 1997: 623, 660–662, figs 34, 35

1693 ***Guttigadus kongi***
Meléndez & Markle 1997: 623, 652–655, figs 32a, 33, 34

1694 ***Halargyreus johnsoni***
JOHNSON'S COD, SLENDER COD
Paulin & Stewart 1985: 22
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 119, 254
Tracey et al. 1990: 33
Roberts C 1991: 17
Imber 1999: 207

1695 ***Halargyreus johnsonii***
COD, JOHNSON'S COD, SLENDER COD, SLENDER CODLING
Hutton 1872: 45–46
Hutton 1873a: 241
Hutton 1874b: 86
Gunther 1880a: 26, 80
Gunther 1880b: 541
Sherrin 1886: 304
Gunther 1887: 83

Hutton 1890: 282
Gill 1893: 121
Goode & Bean 1895: 376–377
Murray 1895: 599
Hamilton A 1896: 13
Hutton 1904c: 48
Waite 1907: 18
Phillipps 1927b: 23
Phillipps 1927c: 12
Whitley 1956b: 403
Templeman 1968: 877, 881, 884–887, 889–891, 894–896, 898–899, fig. 6
Whitley 1968a: 40
JFA 1972: *
Cohen 1973: 629, 632, fig. 2
Habib 1974: 1406
Imber & Russ 1975: 29
Kanayama et al. 1978: 69
JFA 1978: *
Kerstan & Sahrhage 1980: 117, 120
Ayling & Cox 1982: 145, fig.
Paulin 1983: 81, 108–110, 126, fig. 18, 26
Robertson et al. 1984: 24 (ii)
van den Broek et al. 1984: * (ii)
Paul 1986: 59, fig.
Clark M 1988: 418, 420 (ii)
Clark & King 1989: 51 (ii)
Fenaughty & Uozumi 1989: 35, 37 (ii)
Amaoka et al. 1990: 151, fig.
Cohen 1990c: 360–361, figs 781–782 (ii)
Paulin et al. 1996: 21, fig.
McClatchie et al. 1997: 666
Clark et al. 2000: 225
Hine et al. 2000: 62
McClatchie et al. 2000: 185, 186
Paul 2000: 59, fig.

1696 *Laemonema globiceps*
Paulin 1983: 81, 90, 114, fig. 21
Paulin & Stewart 1985: 22
Markle & Melendez 1988: 871
Paulin et al. 1989: 118, 254, fig. 50.6
Trunov 1989: 93, fig. 1
Cohen 1990c: 361
Roberts C 1991: 17

1697 *Laemonema kongi*
Markle & Melendez 1988: 874
Cohen 1990c: 361

1698 *Laemonema multiradiatum*
Pavlov & Andrianov 1986: 158
Paulin & Stewart 1985: 22

1699 *Laemonema* sp.
Markle & Melendez 1988: 874–875
Paulin et al. 1989: 118, 254, fig. 50.7
Roberts C 1991: 17

1700 *Lepidion inosimae*
DEEP SEA COD
Paulin 1984a: 59–61
Paulin & Stewart 1985: 22
Paulin et al. 1989: 119, 254
Amaoka et al. 1990: 152, 153, fig.
Roberts C 1991: 17

1701 *Lepidion microcephalus*
LONGFINNED COD, SMALL HEADED COD,
Whitley 1968a: 3, 41
Iwai et al. 1970: 2
Japan FSFRL 1972: 93
JFA 1972: *
Habib 1974: 1406
Ayling & Cox 1982: 145–146, fig.
Last et al. 1983: 233, fig.
Paulin 1983: 81, 106–108, 126, fig. 5, 17, 26
Robertson et al. 1984: 24
Paulin & Stewart 1985: 22
Paul 1986: 59, fig.
Clark & King 1989: 51
Fenaughty & Uozumi 1989: 35, 37
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 119, 254, fig. 50.6
Amaoka et al. 1990: 152, 153, fig.
Cohen 1990c: 364
Roberts C 1991: 17
McClatchie et al. 1997: 666
Paul 2000: 59, fig.

1702 *Lepidion schmidti*
GIANT LEPIDION
Robertson et al. 1984: 24
Paulin 1984a: 59–61
Paulin & Stewart 1985: 22
Paulin 1989b: 246
Paulin et al. 1989: 119, 254, fig. 50.12b
Amaoka et al. 1990: 152, 153
Tracey et al. 1990: 33
Hine et al. 2000: 63
Paul 2000: 59, fig.

1703 *Lepidion* sp.
GIANT LEPIDION
Clark & King 1989: 51

1704 *Lota baccha*
Richardson & Gray 1843: 221–222
Richardson J 1843a: 26–27
Gill 1893: 96

1705 *Lota breviuscula*
Richardson J 1846: V, 61, pl. 38
DeWitt 1970: 303
Paulin 1983: 90

1706 *Lota rhacina*
Richardson & Gray 1843: 222
Richardson J 1843a: 27
Gill 1893: 96

1707 *Lotella bacchus*
FINDON HADDOCK, HADDOCK, ROCK-COD, YELLOW-TAIL
Gunther 1862: Vol. 4, 347–348
Hector 1872: 115–116, pl. 7
Hutton 1872: 46–47
Hector 1875a: 239
Hutton 1875a: 134
Thomson G 1877: 485
Thomson G 1878: 326
Thomson G 1879: 382
Parker 1882: 263
Parker 1883f: 234–236, pl. 33
Hector 1884b: 53, 55
Hector 1886a: 26, 28
Sherrin 1886: 15–17, 93, 304
Thomson G 1890: 370, 373, 375
Beattie 1891: 71–83, pl. 12–15
Thomson G 1892: 212
Hutton 1896: 316
Mair 1903: 319–320
Johnson 1921: 473–475
Carter & Malcolm 1926: 647
Malcolm 1926: 658

1708 *Lotella bachus*
Rendahl 1921: 54
Rendahl 1925: 2

1709 *Lotella grandis*
Steindachner 1901: 509–510
Waite 1907: 35
Phillipps 1927c: 12
Whitley 1955: 116–117, 119

1710 *Lotella novaezelandiae*
Hardy 1990: 8

1711 *Lotella phycis*
BEARDIE
Paulin 1983: 81..100–101..126, figs 13, 26
Paulin & Stewart 1985: 22
Paul 1986: 59
Francis M et al. 1987: 8
Paulin et al. 1989: 119, 254
Cohen 1990c: 368
Francis M 1996a: 49
Paul & Heath 1997a: 19
Paul 2000: 58

1712 *Lotella rhacina*
HAKE, ROCK COD, SOUTHERN HAKE
Gill 1893: 94, 100, 120
Graham D 1956: 172–173, 230, one fig.
Whitley 1956b: 403
Parrott 1957: 41–44, one fig.
Whitley 1968a: 40
Doak 1971b: 106
Doak 1971a: 74
Grace R 1973: 14
Grace A 1974: 22
Grace R 1975: 97
Allen et al. 1976: 385
Grace A 1976: 103
Francis M 1979: 66
Cohen 1980: 2
Hine et al. 2000: 36

1713 *Lotella rhacinus*
CLOUDY BAY COD, HAKE, KELP COD, RED COD, ROCK COD, SOUTHERN HAKE
Gunther 1862: Vol. 4, 347
Hector 1872: 116
Hutton 1872: 46
Hutton 1873b: 266
Hutton 1874a: pl. 18
Sherrin 1886: 15, 17, 304
Hutton 1890: 282
Thomson G 1892: 212
Hutton 1896: 316
Steindachner 1901: 510
Waite 1911b: 183
Rendahl 1921: 54
Young 1925b: 371
Phillipps 1926b: 532–533, pl. 89
Phillipps 1927b: 23
Phillipps 1927c: 12
Benham 1936: 26
Norman 1937: 58
Graham D 1938: 405
Manter 1954: 488–490, 500–502, 503, 547, 548, 558
Whitley 1955: 117, 119
Doogue & Moreland 1961: 210, 214, one fig.
Beaglehole 1962: 7, Vol. 2
Graham J 1963: 167
Anon. 1965: 15
Paul 1966c: (1) 373, 898
Sorenson 1970: 8, 11, 12, 17, 27, 31, 36, 38, 39, 41, 45, 51, 53
Karrer 1971: 175–176
Hewitt & Hine 1972: 88
Ayling 1974d: 780
Habib 1974: 1405–1407, fig.
Nicholson 1979: 135
Willan et al. 1979: 451
McDowall 1979a: 212
Housley et al. 1981: 38
Thompson 1981: 18, 77–78 (figs), 81, 292
Wheeler 1981: 788
Ayling & Cox 1982: 144, pl. 9
Crossland 1982b: 23
Edgar et al. 1982: 30, pl. 16
Kelly 1983: 57, 122
Last et al. 1983: 233–234, fig.
Paulin 1983: 81–98, 100–126, fig. 12, 26
Jones & Hadfield 1985: 480
Paulin & Stewart 1985: 22
Paul & Heath 1985: 41, pl. 13
Andrews 1986: 30
Paul 1986: 59, fig.
Francis M 1988c: 20, pl. 17

Roberts et al. 1986: 358
Francis M et al. 1987: 8
Hardy et al. 1987: 244
Jones G 1988: 453
Paulin et al. 1989: 119, 254
Cohen 1990c: 368
Doak 1991: 170, fig.
Roberts C 1991: 2, 17
Paulin & Roberts 1992: 18, 128, 131–132, figs 70a, b, pl. 26E, F
Paulin & Roberts 1993: 197
Willis 1995: 66
Francis M 1996a: 49
Francis M 1996b: 20, pl. 17
Hickford & Schiel 1996: 671
Leach 1997: * figs
Paul & Heath 1997a: 19, fig.
Paulin & Roberts 1998: 170
Ryan & Paulin 1998: 131
Weisler et al. 1999: 37–43
Paul 2000: 58, fig.

1714 *Lotella*
ROCK COD
Kaup 1858: 88
Hutton 1873a: 241, 243
Hutton 1874b: 86, 88
Gunther 1880b: 287, 281
Beattie 1920: 60
Natusch 1967: 214, fig. 64
Francis M et al. 1987: 4
Anderson A 1997: 7, 10
Moore & Wakelin 1997: 20

1715 *Lotella* sp.
RED COD
Marsh 1986: 147, 153

1716 *Lotella* sp.
ROCK COD
Dickson 1986: 30
1717 *Lotella* sp.
Francis M et al. 1987: 4

1718 *Momonatira globosa*
Paulin 1989b: 248

1719 *Momonatira globosus*
TADPOLE COD
Paulin 1985: 357–361, figs 1–3
Paulin et al. 1989: 118, 254
Cohen 1990c: 368
Hardy 1990: 8

1720 *Mora dannevigi*
Avdeev & Avdeev 1975: 230
Shuntov 1979: 72, *

1721 *Mora moro*
DEEPSEA COD, GOOGLEY-EYED COD, RIBALDO
Ayling & Cox 1982: 144–145, fig.
Last et al. 1983: 234, fig.
Paulin 1983: 81, 112–113, 126, figs 20, 26
Mitchell 1984: 273
Robertson et al. 1984: 11, 24
van den Broek et al. 1984: *
Paulin & Stewart 1985: 22
Paul & Heath 1985: 41, pl. 13
Paul 1986: 58, figs
Hine et al. 1987: 31
Roberts C 1987a: 158, 160
Fenaughty C et al. 1988: 13, 20, 22, 27, 32, 37, 42
Clark M 1988: 418, 420
Clark & King 1989: 6, 8–9, 12, 26–28, 45, figs 6–7, 43–44
Paulin 1988: 451
Clark & King 1989: 45, 51, 55
Fenaughty & Uozumi 1989: 35, 37
Horn 1989: 11
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 119, 254
Amaoka et al. 1990: 154, fig.
Cohen 1990c: 369–370, figs 796,797
Hurst et al. 1990: 49
OECD 1990: 56, 219
Tracey et al. 1990: 19, 33
Roberts C 1991: 17
Sin et al. 1992: 472
McClatchie et al. 1997: 666
Paul & Heath 1997b: 31, fig.
Jacob et al. 1998: 2125, 2127, 2136, 2137, 2139
Clark et al. 2000: 225
Hine et al. 2000: 65
McClatchie et al. 2000: 185
Paul 2000: 58, figs, 227

1722 *Mora pacifica*
DEEP SEA COD, GOOGLEY-EYED COD, RIBALDO
Waite 1914: 127–129, pl. 5
Phillipps 1927b: 24
Phillipps 1927c: 12
Parrott 1948: 141–143, pl. 30
Whitley 1948: 83
Whitley 1956b: 404
Parrott 1960: 86–87, fig. 28
Castle 1961: 16
Anon. 1965: 15, fig. 14
Whitley 1968a: 41
Iwai et al. 1970: 21
Sorenson 1970: 4, 16, 38, 53, fig. 8
Hewitt & Hine 1972: 90
Japan FSFRL 1972: 92, fig.
JFA 1972: *
Habib 1974: 1406
Moreno 1974: 8–10, fig. 1
JAMARC 1975: 15, *
JAMARC 1976: 21, *
JFA 1978: *

Fenaughty & O'Sullivan 1978: 146
Korea FRDA 1978: 67, *
JAMARC 1979: 18, *
Francis M 1979: 66
Kerstan & Sahrhage 1980: 117–120
van den Broek et al. 1981: 138, 144
Grabda & Ślósarczyk 1981: 95
Ayling & Cox 1982: 144–145
Vlieg 1983: 233–235
Paulin 1983: 81
JAMARC 1984: 6, 16, 17, 80–111, fig. 6
Vlieg 1988: 17, 21, 33, 43, 49
Cohen 1990c: 370
Freeman & Tunnicliffe 1997: 7

1723 *Phrysiculus bachus*
RED COD
Godfriaux 1970a: 257

1724 *Phycis richardsoni*
Kaup 1858: 89

1725 *Phycis*
Bloch & Schneider 1801: 56
Gunther 1880b: 281

1726 *Physiculus bacchus*
RED COD
Hutton 1896: 316
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Thompson 1981: 77, 79, 81–83 (figs)
Ayling & Cox 1982: 142, 16, pl. 9
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1727 *Physiculus baccus*
RED COD
Crawley & Wilson 1976: 12
Anderson A 1981b: 146
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1728 *Physiculus bachus*
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Shuntov 1979: 18
Kawahara 1980: *
Shuntov et al. 1980: 35–36, 39, 40–41, fig. 5
Anderson A 1981a: 206, 214
Avdeev 1981: 282
Thompson 1981: 8, 18
Pickston et al. 1982: 19
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1729 *Physiculus barbatus*
McCulloch 1929: 128–129
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1730 *Physiculus breviusculus*
Pilgrim 1985: 31, 34, 36

1731 *Physiculus (Pseudophycis) bachus*
RED COD
Graham D 1956: 56–57, 76, 85–87, 97, 103, 107, 123, 143, 147, 153, 159, 163, 166–174, 188, 191, 196, 204, 209–210, 216, 220, 222, 230–231, 251, 257, 267, 271, 287, 289, 291, 296, 302, 314, 316–317, 334, 339, 352, 363, one fig.
Whitley 1956b: 403
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1732 *Physiculus (Pseudophycis) breviculus*
BASTARD RED COD
Graham D 1956: 173–175, 271, 291, one fig.

1733 *Physiculus (Pseudophycis) breviusculus*
BASTARD RED COD
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Whitley 1968a: 40
Grace R 1971: 130
Habib 1974: 1406–1407
Russell 1975: 303, 308, 309, 311
Thompson 1981: 18
Ayling & Cox 1982: 143

1734 *Physiculus luminosa*
LUMINESCENT COD
Paulin 1983: 81, 96–97, 126, figs 11, 26
Paulin & Stewart 1985: 22
Paulin 1989a: 106, 115–118, figs 14, 17
Paulin et al. 1989: 119, 254
Cohen 1990c: 370

1735 *Physiculus luminosus*
Hardy 1990: 8

1736 *Physiculus marginatus*
Karrer 1971: 181–182

1737 *Physiculus rhacinus*
ROCK COD
Hutton 1904c: 48
Waite 1907: 18
Waite 1912c: 318
Thomson G 1926: 19
Young 1929: 141

1738 *Physiculus (Lotella) rhacinus*
Young 1925b: 369

1739 *Physiculus therosideros*
Paulin et al. 1989: 119, 254

1740 *Physiculus*
RED COD
Natusch 1967: 214, fig. 64

1741 *Pseudophycis bacchus*
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1742 *Pseudophycis bachus*
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Francis M 1988c: 21, pl. 18
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Paulin 1988: 450–453
Clark & King 1989: 51
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Paulin & Roberts 1993: 197
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Francis M 1996b: 20–21, pl. 18
Hickford & Schiel 1996: 671
Horn 1996: 151–160, figs 1–5
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Smith I 1999: 59, 60
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Hine et al. 2000: 49, 83
James & Stahl 2000: 436, 438, 442–444, 448
Leach & Davidson 2000b: 415, fig. 1
Paul 2000: 57, 214–215, figs

1743 *Pseudophycis barbata*
SOUTHERN BASTARD RED COD
Roberts & Van Berkel 1982: 135
Last et al. 1983: 235, fig.
Paulin 1983: 81, 94–96, 126, figs 10, 26
Paulin & Stewart 1985: 22
Paul 1986: 58, fig.
Roberts C 1987a: 158, 160
Francis M 1988c: 21, pl. 19
Paulin 1988: 451, 453
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Paulin et al. 1989: 119, 255
Amaoka et al. 1990: 155, 156, fig.
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Hurst et al. 1990: 49
Roberts C 1991: 3, 17
Paulin & Roberts 1992: 128
Francis M 1996a: 49
Francis M 1996b: 21, pl. 19
Paulin et al. 1996: 38, fig.
Paulin 1998: 67, fig.
Paulin & Roberts 1998: 166
Ryan & Paulin 1998: 128 (pl)
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1744 *Pseudophycis barbatus*
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Karrer 1971: 177
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1745 *Pseudophycis brevius*
Leach & Boocock 1993: *

1746 *Pseudophycis breviuscula*
NORTHERN BASTARD RED COD
Paulin 1983: 81, 93–94, 126, figs 9, 26
Paulin & Stewart 1985: 22
Paul 1986: 58
Roberts et al. 1986: 359
Jones G 1988: 453
Paulin 1988: 451, 453
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Paulin & Roberts 1992: 128–129, figs 68a, b, pl. 26C, D
Paulin & Roberts 1993: 199
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Paulin et al. 1996: 38
Hickford et al. 1997: 252, 255, fig. 3
McClatchie et al. 1997: 667
Jacob et al. 1998: 2127, 2138
Taylor & Willis 1998: 257
Weisler et al. 1999: 43
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1747 *Pseudophycis breviusculus*
BASTARD RED COD, WHITING
Gunther 1862: Vol. 4, 350–351
Gunther 1863: 116
Hector 1872: 116, pl. 8
Hutton 1872: 47
McCoy 1878–90: 31
Thomson G 1879: 381
Hector 1884b: 55
Hector 1886a: 28
Sherrin 1886: 304, 17
Hutton 1890: 282
Gill 1893: 120
Hutton 1904c: 48
Thomson G 1906: 551
Graham D 1938: 405
Graham D 1939b: 365
Paul 1966c: (1) 372–373
Karrer 1971: 180
Francis M 1979: 66
Thompson 1981: 79–80 (figs)
Ayling & Cox 1982: 143, fig.
Boustead 1982: 10
Kelly 1983: 122
Paul et al. 1983: 12
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1748 *Pseudophysics brevisculus*
Sherrin 1866: 15

1749 *Pseudophycis marginatus*
JFA 1978: *

1750 *Pseudophycis*
BASTARD RED COD
Gunther 1872: 669
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1751 *Pseudophycis* sp.
Kingsford 1992: 45, 46
Freeman 1998: 38, 41

1752 *Tripterophycis gilchristi*
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Stephenson 1971: 235–236, fig
McCann 1972: 626–628, figs 10–11
Habib 1974: 1406
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Ayling & Cox 1982: 147, fig.
Last et al. 1983: 236, fig.
Paulin 1983: 81, 105–106, 126, figs 16, 26
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Paulin 1988: 451
Clark & King 1989: 51
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Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 119, 255
van Heezik 1989: 152
Amaoka et al. 1990: 157, fig.
Cohen 1990c: 378–379, figs 814–815
Roberts C 1991: 17
McClatchie et al. 1997: 667

1753 *Tripterophycis intermedius*
GRENADIER COD
JFA 1972: *

Habib 1974: 1404–1408
JAMARC 1975: 15, *
Paulin 1983: 81, 104
Mitchell 1984: 273

1754 *Tripterophycis* sp.
GIANT GRENADIER COD
Clark & King 1989: 51
Paulin et al. 1989: 255

1755 AHURU
van Heezik & Seddon 1989: 451–458, figs 1–4

1756 BASTARD RED COD
Graham D 1939a: 424–425, 429

1757 HOKA
Taylor 1870: 628

1758 JOHNSON'S COD
Clark & King 1989: fig. 7
Gilbert et al. 2000: 460, fig. 5

1759 MORID [COD]
Anderson A 1997: 5, 10, 14

1760 POLLOCK
Polack 1838: 323
Polack 1840: 202

1761 HADDOCK, RED COD
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Thomson G 1879: 381, 384
Sherrin 1886: 7, 94, 284
Thomson G 1892: 204–205
Arthur 1883a: 207
Thomson G 1898a: 577
Thomson G 1901: 574
Drummond & Hutton 1905: 71, 74, fig. 7
Hamilton A 1908: 64
Anderton 1910: 11
Waite 1911c: 265
Beattie 1920: 60
Thomson G 1924: 19
Young 1926a: 100–101
Young & Thomson 1927: 319
Archey 1927: 194, pl. 1, 203
Thomson G 1928: 22, 24
Thomson G 1930: 30
Thomson G 1931: 29
Thomson G 1932: 22–24
Benham 1933: 22–23
Young 1935: 30
Graham D 1939a: 423–429, 432–436
Rapson 1940: 35
Benham 1941: 35
Cunningham 1949: 92
Dickinson 1958: 10–15
Whitley & Allan 1958: 15
Parrott 1960: 24
Hurley 1961: 268
Leach 1981: 20
Paul 1983: 48
Struik 1983: 216
Boyce et al. 1986: 4, *
Clark I et al. 1988: 328
Leach [et al. 1999A]: *

1762 RED ROCK COD, ROCK COD
Graham D 1939a: 423, 430
Doak 1975a: 1742
Doak 1975c: fig.

1763 RIBALDO
Boyce et al. 1986: 4, *
Gilbert et al. 2000: 460, fig. 5

Family Melanonidae Pelagic cods

Species recognised in 2015:
Melanonus gracilis Günther, 1878 Black pelagic cod
Melanonus zugmayeri Norman, 1930 Arrowtail pelagic cod

1764 *Melanomus gracilis*
Svetovidov 1969: 1826

1765 *Melanonus gracilis*
BLACK PELAGIC COD
McCann 1972: 628–630, figs 12, 13
Habib 1974: 1406
Ayling & Cox 1982: 147, fig.
Paulin 1983: 88, fig. 5
Paulin & Stewart 1985: 23
Hine et al. 1987: 31
Clark & King 1989: 51, 55
Paulin et al. 1989: 120, 255, fig. 51.2a
Amaoka et al. 1990: 159
Roberts C 1991: 17

1766 *Melanonus zugmayeri*
BLACK PELAGIC COD
Paulin & Stewart 1985: 23
Paulin et al. 1989: 120, 255, fig. 51.2b
Amaoka et al. 1990: 159, fig.
Tracey et al. 1990: 33
Roberts C 1991: 5, 17

Family Merlucciidae Hakes

Species recognised in 2015:
Lyconus pinnatus Günther, 1887 Fangtooth hoki
Macruronus novaezelandiae (Hector, 1871) Hoki
Merluccius australis (Hutton, 1872) Hake

1767 *Coryphaenoides novaezelandiae*
HOKI, OKARARI
Hector 1871: 136, pl. 18
Hector 1872: 116–117, pl. 8
Hutton 1872: 49
Hutton 1873b: 267
Sherrin 1886: 304
Marshall 1966: 275

1768 *Gadus australis*
HADDOCK
Hector 1872: 115, pl. 7
Hutton 1872: 45
Hutton 1873b: 266
Hutton 1875a: 133
Thomson G 1878: 326
Thomson G 1879: 381
Hector 1884b: 54–55
Hector 1886a: 27–28
Sherrin 1886: 37–39, 304
Hutton 1890: 282
Russell 1996: 219, 224

1769 ?*Lyconodes* sp.
Paulin & Stewart 1985: 23
Paulin et al. 1989: 255

1770 *Lyconus* sp.
BLACK-MOUTHED HAKE, LYCONID HAKE, LYCONUS
Paulin & Stewart 1985: 23
Hine et al. 1987: 32
Paulin 1987a: 17, fig.
Paulin et al. 1989: 122, 255, fig. 55.3a
Amaoka et al. 1990: 163, fig.
Tracey et al. 1990: 33
Roberts C 1991: 17
Paulin et al. 1996: 22, fig.

1771 *Macruronis novaezelandiae*
HOKI
Vlieg & Body 1988: 151–161

1772 *Macruronus novae-zealandiae*
BLUE HAKE, WHIPTAIL
Gill 1893: 121
Waite 1907: 18
Manter 1954: 545–548, 548–549, 551–552, 559
Kaberry 1957: 90
Robinson 1959a: 147
Street 1964: 4, 7
Anon. 1965: 16
Sorenson 1970: 4, 12, 29, 51, 54, fig. 21
Bellisio & Lopez 1973: 10
Waugh 1973: 254
Crawley & Wilson 1976: 12
Kerstan & Sahrhage 1980: 7, 15–32, fig. 12
Grimes & Robertson 1981: 265
Pickston et al. 1982: 19–21
Cipriano 1985: 155

1773 *Macruronus novaezeelandiae*
Mehl 1969: 390–391
Hewitt & Hine 1972: 89

1774 *Macruronus novae[-]zelandiae*
BLUE GRENADIER, HOKI, RATTAIL, WHIPTAIL
Gunther 1887a: 157–158
Goode & Bean 1895: 418–419
Waite 1911b: 159, 180–181, pl. 30
Waite 1912c: 318
Thomson G 1913: 234
Thomson & Anderton 1921: 74
Phillipps 1926a: 527–529
Phillipps 1927: 23
Phillipps 1927c: 12
McCulloch 1929: 128
Norman 1935: 3
Shorland 1935: 313
Norman 1937: 50
Shorland 1938: 490–491
Graham D 1939b: 364
Shorland 1939: 1935, 1936
Phillipps 1947: 42
Phillipps 1948: 129
Graham D 1956: 79, 107, 163, 225, 230, one fig.
Whitley 1956b: 403
Parrott 1960: 84–85, fig. 27
Angelescu & Gneri 1960: 4
Graham J 1963: 167
McLintock 1966: (3) 709
Marshall 1966: 275
Shuntov & Demidenko 1970: 98
Japan DSTA 1971: 64, *
Shuntov 1971: 337, 339, 341, fig. 5
JFA 1972: *
Korotaeva & Leont'eva 1972: 1–3
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Watkinson & Smith 1972: 32, 49
Webb 1972b: 14, 16, 79
Leont'eva et al. 1974: 116–121
Castle 1975b: 1839
Imber & Russ 1975: 29
JAMARC 1975: 15, *
Crawley & Wilson 1976: 12–13
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Blagoderov 1978b: 169
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Konosus et al. 1978: 1165–1166
Korea FRDA 1978: 66, *
Robertson et al. 1978: 300, 304
Taiwan FRI 1978: *
Cawthorn 1979: 47, 50
Francis M 1979: 66
Francis R & Fisher 1979: 5, 6, 20, 21, 25, 27, fig.
Kakuda & Kitagawa 1979: 53–66, fig.
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Shuntov 1979: 2–3
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Fenaughty & Bagley 1981: 28–43, 71–77, 108, 111, 127, 159, 160, 167, fig. 56
Flain 1981: 23
Francis RI 1981: 5, 9, 15, 22, 24, fig. 6
Grabda & Ślósarczyk 1981: 87–101
JAMARC 1981a: 21, *
Patchell 1981: 5
Smith et al. 1981: 37–45, figs 1, 2
Ayling & Cos 1982: 17, 151, pl. 9
Patchell 1982: 1–23
Smith & Fujio 1982: 10
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Last et al. 1983: 238, fig.7
Patchell 1983: 36–42, figs 1–4
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Vlieg 1984a: 99–104
Clark 1985a: 343–347, 354, figs 2–4
Clark 1985b: 365–374, figs 1–5
Paulin & Stewart 1985: 23
Pilgrim 1985: 31, 34, 37
Bulman & Blaber 1986: 621, 633–635
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Pankhurst 1987b: 269–280, fig. 3
Patchell et al. 1987: 301–313, figs 1–6
Paulin 1987a: 17, fig.
Uozumi et al. 1987: 7, 9, 11, 17–18, 46–48, figs 14–18, 42–45
Clark M 1988: 420
Fenaughty C et al. 1988: 12, 21, 26, 31, 36
Gauldie 1988a: 400, fig. 8
Gauldie & Nelson 1988: 501–509, figs
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Horn & Massey 1989: 23
Murdoch & Chapman 1989: 61–67, figs 1–5
Paulin et al. 1989: 122, 255, fig. 55.3b
van Heezik 1989: 152, 153, 154, fig. 1
Amaoka et al. 1990: 164–166, figs
Do & Surti 1990: 1588–1596
Inada 1990: 326–327, figs 720–721
Gauldie 1990b: 456, fig. 9
Gauldie 1990c: 475–480, fig. 1
Gauldie & Nelson 1990a: 119, 123–127, 132, fig. 7
Gauldie & Nelson 1990b: 450, 454, 457, figs 3, 6
Gauldie [et al. 1990B]: 461–464, 467, figs 5–6
Hatanaka 1990: 143, 157–159, 173
Hurst et al. 1990: 5, 7, 15, 17, 28–29, 35, 40–43, 48–50, figs 7, 22, 25
Livingston 1990: 503–517, figs 1–8
Murdoch 1990: 519–527, figs 1–5
Murdoch et al. 1990A: 529–539, figs 1–11
Murdoch et al. 1990B: 137–140, fig. 1
OECD 1990: 125, 136, 304
Smith 1990: 828
Smith et al. 1990: 232, 235
Tracey et al. 1990: 33
van Heezik 1990a: 204
Van Heezik 1990b: 544, 545, 547
van Heezik & Davis 1990: 363
Annala et al. 1991: 324–326
Francis RI 1991: 143–148, figs 2, 5
Gauldie [et al. 1991C]: 489–503, figs 1–17
Howes 1991: 77, 102, 108
Livingston et al. 1991: *, figs
Roberts C 1991: 17
Savage 1991: 232
Sullivan 1991: 55–62, figs 1–7
Carey 1992: 41, 42, 45, figs 1, 2
Holmes et al. 1992: *
Paul 1992: 886–887
Sin et al. 1992: 469, 470, 474, 475
Gauldie 1993a: 271–94, figs
Gauldie 1993c: 1*
Gauldie [et al. 1993B]: 150–161, figs 1–6
Jones J 1993: 23–30, figs 1–5
Langley 1993: 1–29, figs 1–12
Livingston & Schofield 1993: *, figs
Murdoch 1993: 3–16
Paul et al. 1993: 115, fig.
Ryder et al. 1993: 169–180

Zeldis 1993a: 20–21
Zeldis 1993b: 878–888, figs 11–15
Ballara & Sullivan 1994: 1–16
Chatterton & Hanchet 1994: *, figs
Cordue & Francis 1994: 817–829, figs 1–6
Francis RI 1994: 223
Hooper 1994: 208
Horn 1994a: 1–38, figs
Horn 1994b: 1–43, figs
Mattlin 1994: 6
Murdoch & Quigley 1994: 23–33, figs 1–11
Schofield & Horn 1994: *
Schofield & Livingston 1994a: 1–38, figs
Schofield & Livingston 1994b: 1–43, figs
Schofield & Livingston 1994c: 1–39, figs
West & Gauldie 1994: 2333–2340
Baker et al. 1995: 503–509, figs
Coombs & Cordue 1995: 175–194, figs 1–9
Gauldie et al. 1995: 85
Hurst & Schofield 1995: 1–55, figs
Ingerson & Hanchet 1995: 1–44, figs
Ingerson et al. 1995: 1–43, figs
Livingston & Schofield 1995: *, figs
Moore et al. 1995: 23, figs 12–14
Petyt 1995: 105
Schofield & Livingston 1995: 1–53, figs
Gauldie 1996: 598–507, figs 1–3
Horn & Sullivan 1996: 161–174, figs 1–7
Kalish et al. 1996: 537–542, figs 1–2
Livingston & Schofield 1996: 197–208, figs 1–7
McClatchie [et al. 1996A]: 780–791, figs 3, 4
McClatchie [et al. 1996B]: 848, 861
Paulin et al. 1996: 22, fig.
Schofield & Livingston 1996: 1–50, figs
Smith et al. 1996: 783–793, figs 1, 2
Vignaux 1996a: 963–973, figs 1–9
Vignaux 1996b: 2126–2136, figs 1–5
Anderson A 1997: 12
Ballara & Hurst 1997: 1–43
Freeman 1997: 159–164
Freeman et al. 1997: 31
Freeman & Wilson 1997: *
Hickford et al. 1997: 251–253, 255, 256, 257, fig. 3
Jerry 1997: 186
Kalish et al. 1997: 559–560
Livingston et al. 1997: 99–113, figs 1–7
McClatchie et al. 1997: 651, 653, 666
Moore & Wakelin 1997: 20
Paul & Heath 1997b: 34, fig.
Schofield & Livingston 1997: 1–52, figs
Bagley & Hurst 1998: *, figs
Freeman 1998: 36–43
Freeman & Smith 1998: 177–180
Jackson G et al. 1998: 56
Jacob et al. 1998: 2119, 2120, 2126, 2131, 2137, 2139
Paulin & Roberts 1998: 166
Schofield & Livingston 1998: 147–159, figs 1–7
Shaklee & Bentzen 1998: 598
Starr et al. 1998: 529–537
Zeldis et al. 1998: 1682–1694, figs 1–6
Gauldie 1999: 138–153, figs 1– 4
Imber 1999: 205, 207
Turner et al. 1999: 407
Weisler et al. 1999: 37–43
West et al. 1999: 13
Bagley & Livingston 2000: *, figs
Baird & Bradford 2000a: *
Clark et al. 2000: *
Cordue et al. 2000: 153–163
Gauldie & Cremer 2000: 989
Gilbert et al. 2000: 455
Hine et al. 2000: 63, 84
James & Stahl 2000: 435, 438, 441–444, 446, 447
Livingston 2000: 55–59, figs 1–4
McClatchie et al. 2000: 179, 182, 185
Paul 2000: 61, 222–223, figs

1775 *Macruronus novaezelandidae*
BLUE HAKE, HOKI, WHIPTAIL
Iwai et al. 1970: 23, pl. 4
JAMARC 1972: 10, *
Japan, FSFRL 1972: 93, fig.
JAMARC 1976: 21, *
JAMARC 1979: 18, *
Kuo & Tanaka 1984a: 391–396, figs
Kuo & Tanaka 1984b: 397–402, figs
Kuo & Tanaka 1984c: 783–786, figs
Kuo & Tanaka 1984d: 1349–1355, figs
Kuo & Tanaka 1984e: 1627–1633, figs

1776 *Macrurorus novae-zealandiae*
WHIPTAIL
Hutton 1890: 283
Hutton 1904c: 49
Blagoderov 1977: 1–3

1777 *Macrurorus novae-zelandiae*
WHIP–TAIL
Graham D 1938: 404

1778 *Macrurorus zealandiae*
Parker 1897b: 629

1779 *Macrurorus*
Hutton 1873b: 267

1780 *Merlangius australis*
HAKE, HADDOCK, WHITING
Graham D 1956: 107, 164–166, one fig.
Whitley 1956b: 403
Parrott 1957: 27, 41–43, 45–46, 154, one fig.
Eldon & Kelly 1985: 23

1781 *Merluccias gayi*
Hutton 1873a: 241
Hutton 1875: 133

1782 *Merluccias*
Hutton 1873b: 266

1783 *Merluccius australis*
ENGLISH HAKE, HADDOCK, HAKE, SOUTHERN HAKE, WHITING
Norman 1937: 49, 143
Whitley 1937b: 122
Phillipps 1949c: 22–23, one fig.
Svetovidov 1956: 122
Doogue & Moreland 1961: 209, one fig.
Graham J 1963: 167
Anon. 1965: 16
McLintock 1966: (3) 708–709
Paul 1966c: (1) 898
Beaglehole 1967: 808
Heath & Moreland 1967: 52, fig. 96
Iwai et al. 1970: 22, pl. 4
Sorenson 1970: 4, 12, 23, 28–29, 32, 51, 54, fig. 20
Waugh 1970: 83
Japan DSTA 1971: 65, *
Cunningham 1972: 4
JAMARC 1972: 10, *
Japan FSFRL 1972: 93, fig.
JFA 1972: *
Watkinson & Smith 1972: 49
Waugh 1973: 254, 274
Habib 1974: 1405–1407
Vooren 1974: 18, 24, 43
JAMARC 1975: *
JAMARC 1976: 21, *
Wei et al. 1976: 58
Fenaughty & O'Sullivan 1978: 146
JFA 1978: *
Konosu et al. 1978: 1166
Korea FRDA 1978: 66, *
Taiwan FRI 1978: *
Francis M 1979: 66
Francis R & Fisher 1979: 5, 6, 20, 27, fig.
JAMARC 1979: 18, *
Patchell 1979: 42–46
Smith et al. 1979: 545–547
Cohen 1980: 2
Francis R 1980: 98
Kerstan & Sahrhage 1980: 7, 15, 33–9, fig. 26
Shuntov et al. 1980: 35, 39, 40–41, figs 5–6
Francis RI 1981: 5, 11
Grabda & Ślósarczyk 1981: 87, 91
Grimes & Robertson 1981: 265
Inada 1981a: 31–36, fig. 2
Inada 1981b: 1–172, figs
JAMARC 1981a: 21, *
Kabata & Ho 1981: 383, 385, 400–402
Patchell 1981: 1–18, figs 1, 4, 5
Ayling & Cox 1982: 17, 150–151, pl. 9
Patchell 1982: 7
Patchell 1983: 37
Paulin 1983: figs 3, 5
JAMARC 1984: 6, 16, 18, 80–111, fig. 8
Mitchell 1984: 273
Robertson et al. 1984: 11, 24
van den Broek et al. 1984: *
Vlieg 1984a: 99–104
Fernandez 1985: 31, 40, fig. 2
Paulin & Stewart 1985: 24
Pilgrim 1985: 33
Paul 1986: 60, figs
Wyszynski 1986: 61–95, figs
Hine et al. 1987: 31
Hurst & Bagley 1987: 7, 11, 22, 36, 42, fig. 19
Patchell et al. 1987: 304, 309, 311, 312
Paulin 1987a: 18, fig.
Pankhurst 1987b: 269–280, fig. 4
Fenaughty C et al. 1988: 11, 20
Hurst 1988: 20
Markle & Melendez 1988: 875
Vlieg 1988: 16, 20, 27, 40, 48
Vlieg & Body 1988: 151–161
Clark & King 1989: 5, 44, 51
Fenaughty & Uozumi 1989: 13, 16–17, 26, 35, 37, figs 17, 27
Hardy C 1989: 30
Hatanaka et al. 1989A: 6–7, 9–10, 13, 17, 19, 35–36, 51, figs 19, 54–55
Hatanaka et al. 1989B: 7, 13, 26, 31, fig. 14
Paulin et al. 1989: 122, 255, fig. 55.1
Amaoka et al. 1990: 167–169, fig.
Inada 1990: 332–334, figs 727–728
Ho 1990: 95–104, figs
Hurst et al. 1990: 15, 37, 49
OECD 1990: 124
Tracey et al. 1990: 19, 33
van Heezik 1990a: 204
van Heezik & Davis 1990: 363
Annala et al. 1991: 325–326
Roberts C 1991: 17
Paul 1992: 887
Sin et al. 1992: 469, 470, 472
Gauldie 1993c: 1*
Jones J 1993: 23
Paul et al. 1993: 115, fig.
Colman 1994: 365–388, figs 13.1–13.6
Paulin et al. 1996: 21, fig.
Anderson A 1997: 12
Horn 1997: 201–209, figs 1–8
McClatchie et al. 1997: 666
Paul & Heath 1997b: 33, fig.
Jacob et al. 1998: 2126, 2137, 2139
Paulin & Roberts 1998: 166
Bagley & McMillan 1999: *, figs
Roldán et al 1999: 79–83, figs
Weisler et al. 1999: 37–43
Clark et al. 2000: 225
Hine et al. 2000: 64
Leach & Davidson 2000b: fig. 1
McClatchie et al. 2000: 182
Paul 2000: 60, 223, figs
Quinteiro et al. 2000: 163–174, figs.

1784 *Merluccius (Huttonichthys) australis*
Whitley 1937b: 122

1785 *Merluccius gayi*
ENGLISH HAKE, HADDOCK, HAKE, WHITING
Hutton 1874b: 86
Gunther 1880b: 542
Sherrin 1886: 38
Hutton 1890: 282
Hutton 1904c: 49
Waite 1907: 18
Waite 1911b: 182–183, pl. 30
Thomson G 1913: 229
Phillipps 1918: 270
Phillipps 1921a: 120, 125
Thomson & Anderton 1921: 27, 74, 79
Ayson 1924: 8
Young 1925b: 370
Archey 1927: 200
Phillipps 1927b: 23
Phillipps 1927c: 12
Denz & Shorlarid 1934: 327–231, fig. 2
Hefford 1936: 71
Shorland 1937: 223–224
Shorland 1939: 1940
Graham D 1938: 404
Graham D 1939b: 364
Phillipps 1948: 129
Shorland 1948b: 112, 115–117
Shorland 1950: 32–34, 39
Manter 1954: 545–58l 551–552, 559
Svetovidov 1956: 122
Le Danois 1957: 57
Parrott 1957: 45
Hewitt & Hine 1972: 89
Shuntov 1979: 72, *
Grabda & Ślósarczyk 1981: 89

1786 *Merluccius grayi*
HADDOCK
Sherrin 1886: 304
Thomson G 1906: 551

1787 *Merluccius hubbsi*
Faliex 1999: 612

1788 *Merluccius*
HAKE
Boulenger 1932: 649
Natusch 1967: 214, fig. 64
Kabata 1970: 85
Uozumi et al. 1987: 9, 19, 48, figs 24, 46
Jones J 1988b: 625–626

1789 *Merlucius gayi*
Gill 1893: 121

1790 HAKE
Polack 1840: 202
Struik 1983: 217
Boyce et al. 1986: 4, *

1791 HADDOCK, "HADDOCK-SMOKED"
Polack 1838: 323
Polack 1840: 202
Hector 1872: 101
Thomson G 1878: 329
Sherrin 1886: 7, 25
Thomson G 1918: 136

1792 HOKI
Leachman et al. 1978: 2
Struik 1983: 216–217
Boyce et al. 1986: 4, *
Coote et al. 1991: *, figs 4, 5
Jones J 1992: 62
Savage 1992: 18
Vignaux 1994: 390–395, figs 1, 2
Leach [et al. 1999A]: *

1793 WHIPTAIL
Shorland 1937: 224
Graham D 1939a: 424
Shorland 1948b: 119
Natusch 1967: 214, fig. 63
Sorensen 1969a: 27

1794 WHIPTAIL BREAM
Graham D 1939a: 428

1795 WHITING
Yate 1835: 71
Hodgskin 1841: 34
Hector 1872: 116
Waite 1911c: 265
Moreland 1966: (2) 229

Family Lotidae Rocklings

Species recognised in 2015:
Gaidropsarus novaezelandiae (Hector, 1874) Rockling

1796 *Gaidropsaras novaezelandiae*
ROCKLING
Whitley 1968a: 41
Francis M 1979: 66

1797 *Gaidropsarus novae-zealandiae*
ROCKLING
Waite 1907: 18
Phillipps 1927c: 12
Svetovidov 1956: 121
Habib 1974: 1406–1407
Robertson & Mito 1979: 420, fig. 5
Svetovidov 1986: 121–122, figs 1, 7(1)

1798 *Gaidropsarus novaezelandiae*
ROCKLING

Phillipps 1927b: 24
Benham 1941: 34
Whitley 1956b: 404
McDowall 1979a: 212
Ayling & Cox 1982: 149, fig.
Last et al. 1983: 237, fig.
Paulin & Stewart 1985: 23
Hardy 1986c: 25
Paul 1986: 56
Paulin et al. 1989: 122, 255, fig. 54.2
Cohen 1990b: 49
Paulin & Roberts 1992: 60–61, figs 22a, b, pl. 8E, F
Paulin & Roberts 1993: 198
Francis M 1996a: 44, 49
Willis & Roberts 1996: 333
Paul & Heath 1997b: 32, fig.
Paul 2000: 56

1799 *Motella novae zealandiae*
Hector 1874: 107–108, pl. 18
Sherrin 1886: 304
Hutton 1890: 282
Hutton 1896: 316

1800 *Motella novae-zelandiae*
BEARDED ROCKLING
Benham 1936: 26
Wilson 1937: 31
Benham 1938: 56

1801 *Motella*
ROCKLING
Gunther 1880b: 287, 281, 544

1802 *Onos novae-zealandiae*
Hutton 1904c: 48

1803 *Onos novae-zelandiae*
Gill 1893: 121

Family Gadidae True cods

Species recognised in 2015:
Micromesistius australis Norman, 1937 Southern blue whiting

1804 *Micromeistius australis*
Taiwan, FRI 1978: *

1805 *Micromesistius australis*
SOUTHERN BLUE WHITING, SOUTHERN POUTASSOU
Shpak 1967: 37–45
Shuntov & Demidenko 1970: 98
Shuntov 1971: 339, 340, 344
JAMARC 1972: 10, *
JFA 1972: *
Cohen 1973: 633
Ritchie 1973: 76
Habib 1974: 1405–1407
Leonteva et al. 1974: 1
Inada & Nakamura 1975: 1–11, 18–21, fig. 1
JAMARC 1975: *
Shpak 1975a: 244–248
Shpak 1975b: 175–81, figs 1–3
JAMARC 1976: 21, *
Ryff & Voller 1976: 50
Shpak 1976: 37–45
Svirski & Shpak 1977: 1–12
Fenaughty & O'Sullivan 1978: 15, 146
JFA 1978: *
Konosu et al. 1978: 1165–1166
Shpak 1978: 197–198
Shust 1978: 490–492
Cawthorn 1979: 47–50
Francis R & Fisher 1979, 6, 9, 20, 21, 25, 28, fig.
JAMARC 1979: 18, *
Kakuda & Kitagawa 1979: 53–66, fig.
Shuntov et al. 1979: 2–3, 5, 6, 8
Shuntov 1979: 71, *
McDowall 1979a: 212
Vasil'kov 1979: 639–647
Francis R 1980: 98
Kerstan & Sahrhage 1980: 7, 14, 44–54, fig. 40
Shpak 1980: 85–92, figs 1–2
Francis R I C C 1981: 5, 9, 11, 15, 22, fig 7
Grabda & Ślósarczyk 1981: 88–95
JAMARC 1981a: 21, *
Shust 1981: 144–148
Thompson 1981: 76
Inada 1981b: 142
Ayling & Cox 1982: 15, 18, 149, fig.
Lisovenko et al. 1982: 597
Patchell 1982: 13
Shpak & Kuchina 1983: 81–84, figs 1–4
JAMARC 1984: 6, 16, 18, 30, 80–111, figs 7, 29–30
Mitchell 1984: 267, 269, 273
van den Broek et al. 1984: *
Clark 1985a: 347–349, 354, figs 5–7
Clark 1985b: 365–374, figs 1–5
Paulin & Stewart 1985: 23
Paul & Heath 1985: 71, pl. 28
Kashkina 1986: 60
Paul 1986: 56, figs
Savage & Foulds 1987: 599–604
Uozumi et al. 1987: 11
Barrera-Ora & Tomo 1988: 341
Fenaughty C et al. 1988: 13, 22, 27, 32, 37, 42
Rosecchi et al. 1988: 305
Vlieg 1988: 18, 22, 36, 44, 49
Vlieg & Body 1988: 151–161
Clark & King 1989: 5
Fenaughty & Uozumi 1989: 35, 37

Hatanaka et al. 1989A: 5–7, 9–10, 13, 16–17, 19, 34–35, 51, figs 16–18, 46–49
Hatanaka et al. 1989B: 7, 31
Paulin et al. 1989: 121–122, 255, fig. 54.1
Cohen 1990b: 60–61, figs 110–111
Hurst et al. 1990: 40, 49
OECD 1990: 29, 268
Roberts C 1991: 5, 17
Paul 1992: 886
Paul et al. 1993: 127, fig.
Francis RI 1994: 223
Hanchet & Uozumi 1996: 57–67, figs 1–9
McClatchie [et al. 1996A]: 782, 786, figs 3, 4, 7
McClatchie [et al. 1996B]: 848, 850–852, 858, 860, 861, figs 2, 4–10
Paulin et al. 1996: 54, fig.
McClatchie et al. 1997: 666
Paul & Heath 1997b: 32, fig.
Dunn & Hanchet 1998: 1–29, figs
Hanchet et al. 1998: 155–170, figs 1–6
Jackson G et al. 1998: 56
Jacob et al. 1998: 2126, 2134, 2136, 2137
McClatchie et al. 1998: 482–493, figs 1–10
Cherel et al. 1999: 437–441
Hanchet 1999: 599–610, figs 1–7
Trella 1999: 37–50, figs
Waugh et al. 1999a: *
Clark et al. 2000: *
Gilbert et al. 2000: 455
Hine et al. 2000: 64
McClatchie et al. 2000: 181–183
Paul 2000: 56, 226–227, figs

1806 *Micromesistius australis pallidus*
SOUTHERN BLUE WHITING
Inada & Nakamura 1975: 1–11, 18–21, fig. 1
Hatanaka 1986: 5–17, figs 1–8
Amaoka et al. 1990: 160–162, figs

1807 *Micromesistius poutassou*
Jones J 1993: 23
Hine & Jones 1994: 54

1808 SOUTHERN BLUE WHITING
Leachman et al. 1978: 2
Boyce et al. 1986: 4, *

Order LOPHIIFORMES Anglerfishes

Family Lophiidae Goosefishes

Species recognised in 2015:
Sladenia cf. *remiger* Smith & Radcliffe, 1912 Speckled goosefish

No pre-2000 references found

Family Antennariidae Frogfishes

Species recognised in 2015:
Antennarius nummifer (Cuvier, 1817) Whitefingered angler
Fowlerichthys scriptissimus (Jordan, 1902) Calico frogfish
Histrio histrio (Linnaeus, 1758) Sargassum fish

1809 *Antennarius nummifer*
Paulin 1978: 485, 490–491, fig. 1
Ayling & Cox 1982: 134–135, fig
Paulin & Stewart 1985: 26
Paulin et al. 1989: 134, 256, fig. 61.3b

1810 *Antennarius ocellatus*
Paulin 1978: 485, 488, fig. 1
Ayling & Cox 1982: 134
Paulin & Stewart 1985: 27

1811 *Antennarius sarasa*
Paulin et al. 1989: 134, 256, fig. 61.2a

1812 *Antennarius striatus*
STRIPED ANGLER
Griffin 1928: 387–388, pl. 65
Paulin & Roberts 1992: 100–101, figs 50a, b, pl. 21C
Francis M 1996a: 41, 49

1813 *Antennarius tridens*
STRIPED ANGLER
Paulin 1978: 485, 488–491, fig. 1
Ayling & Cox 1982: 134
Paulin & Stewart 1985: 27
Paulin et al. 1989: 134, 256, fig. 61.3a
Paulin & Roberts 1993: 199
Willis 1995: 66

1814 *Antennarius*
ANGLERFISHES
Gunther 1880b: 473–474
Paul 1986: 65
Paul 2000: 65

1815 *Histrio histrio*
SARGASSUM FISH
Paulin 1978: 485, fig. 1
Ayling & Cox 1982: 134–135, fig.
Paulin & Stewart 1985: 27
Paul 1986: 65, fig.

Paulin et al. 1989: 134, 256
Paul 2000: 65, fig.

1816 *Phrynrelox striatus*
ANGLER FISH, STRIPED ANGLER FISH
Whitley 1956b: 413
Whitley 1968a: 87
Scott E 1984: 211

1817 *Saccarius lineatus*
ANGLER FISH
Gunther 1861: Vol. 3, 183
Hutton 1872: 30
Sherrin 1886: 302
Hutton 1890: 280
Gill 1893: 122
Waite 1912c: 322
Waite 1912b: 197
Phillipps 1927b: 56
Phillipps 1927c: 14
Whitley 1956: 413
Whitley 1968a: 88

1818 *Saccarius*
Gunther 1880b: 286, 474

Family Chaunacidae Seatoads

Species recognised in 2015:
Chaunax flavomaculata Ho, Roberts & Stewart, 2013 Yellowspot frogmouth
Chaunax mulleus Ho, Roberts & Stewart, 2013 Redshoes frogmouth
Chaunax nudiventer Ho & Shao, 2010 Pink frogmouth
Chaunax penicillatus McCulloch, 1915 Fluffylure frogmouth
Chaunax reticulatus Ho, Roberts & Stewart, 2013 Netted frogmouth
Chaunax russatus Ho, Roberts & Stewart, 2013 Red frogmouth

1819 *Chaunax penicillatus*
Stephenson 1971: 238–239, fig. 4

1820 *Chaunax picta*
PINK FROGMOUTH
Robertson et al. 1984: 24

1821 *Chaunax pictus*
DEEPSEA FROGFISH, PINK FROGMOUTH, PINK SEATOAD
Stephenson 1971: 239–240
Ayling & Cox 1982: 136, fig.
Paulin & Stewart 1985: 27
Paul 1986: 65, fig.
Hine et al. 1987: 33
Clark M 1988: 418
Clark & King 1989: 52
Paulin et al. 1989: 135, 256, fig. 62.1, pl., p. [162a]
Amaoka et al. 1990: 200
Tracey et al. 1990: 34
Roberts C 1991: 5, 17
Paul 2000: 65

1822 *Chaunax* sp.
PINK FROGMOUTH
Amaoka et al. 1990: 200, fig.

Family Ogcocephalidae Batfishes

Species recognised in 2015:
Halieutaea stellata (Vahl, 1797) Round batfish
Halieutopsis bathyoreos Bradbury, 1988 Broad batfish
Malthopsis asperata Ho, Roberts & Shao, 2013 Roughspine batfish
Malthopsis mitrigera Gilbert & Cramer, 1897 Twospine batfish
Malthopsis parva Ho, Roberts & Shao, 2013 Arrowhead batfish

1823 *Halieutaea maoria*
BATFISH
Powell 1937b: 81–82, pl. 18
Powell 1941: 259
Whitley 1956b: 413
Parrott 1960: 170–172, fig. 64
Bradbury 1967: 413
Whitley 1968a: 89
Ayling & Cox 1982: 137, fig.
Paulin & Stewart 1985: 27
Paul 1986: 65, fig.
Paulin et al. 1989: 135–136, 256, fig. 63.1
Paul 2000: 65

1824 *Halieutaea*
Waite 1912b: 194

1825 *Malthopsis tiarella*
Amaoka et al. 1990: *201, fig.*

1826 *Malthopsis* sp. A
Paulin & Stewart 1985: 27
Paulin et al. 1989: 136, 256, fig. 63.2, pl., p. [162a]

1827 *Malthopsis* sp. B
Paulin & Stewart 1985: 27
Paulin et al. 1989: 136, 256, fig. 63.2, pl., p. [162a]

Family Caulophrynidae Fanfin anglerfishes

Caulophryne pelagica (Brauer, 1902) Fan anglerfish

1828 *Caulophryne pietschi*
Balushkin & Fedorov 1985: 151–154, figs 1–2

Family Melanocetidae Humpback anglerfish

Species recognised in 2015:
Melanocetus johnsonii Günther, 1864 Humpback anglerfish
Melanocetus murrayi Günther, 1887 Murray's humpback anglerfish

1829 *Melanocetus johnsonii*
ANGLER FISH, DEEPSEA ANGLER FISH, HUMPBACK ANGLERFISH
Regan & Trewavas 1932: 8
Whitley 1956b: 413
Whitley 1968a: 88
Francis M 1979: 66
Ayling & Cox 1982: 137–138, fig.
Paulin & Stewart 1985: 28
Paul 1986: 65, fig.
Paulin et al. 1989: 140, 256, fig. 69.1
Roberts C 1991: 17
Stewart & Pietsch 1998: 5–6, 33–34, fig. 2
Paul 2000: 65, fig.

1830 *Melanocetus murrayi*
Stewart & Pietsch 1998: 6

Family Himantolophidae Prickly anglerfish

Species recognised in 2015:
Himantolophus albinares Maul, 1961 Whitelure prickly anglerfish
Himantolophus appelii (Clarke, 1878) Prickly anglerfish
Himantolophus litoceras Stewart & Pietsch, 2010 Plain prickly anglerfish
Himantolophus pseudalbinares Bertelsen & Krefft, 1988 Whitespot prickly anglerfish
Himantolophus stewarti Pietsch & Kenaley, 2011 Stewart's prickly anglerfish
Himantolophus brevirostris-group Bertelsen & Krefft, 1988

1831 *Aegaeonichthys appelii*
Gunther 1887a: 51–52

1832 *Aegaeonichthgs appelli*
Sherrin 1886: 302

1833 *Aegeonichthys appelii*
Phillipps 1927c: 14

1834 *Aegoeonichthys appelii*
Clarke 1878: 245–246, pl. 6
Goode & Beans 1895: 494
Waite 1907: 33
Waite 1912b: 194–197, pl. 10
Phillipps 1927a: 55

1835 *Aegoeonichthys appellii*
Gill 1893: 122
Hutton 1904c: 45

1836 *Aegoeonichthys*
Gunther 1880b: 476

1837 *Aegoesnichthys appellii*
Hutton 1890: 280

1838 *Himantolophus appelii*
ANGLER FISH, PRICKLY ANGLERFISH
Regan & Trewavas 1932: 61, fig. 89
Bertelsen 1951: 58–59, 66, 223, 225
Grey 1956: 241
Whitley 1956b: 413
Whitley 1968a: 88
Ayling & Cox 1982: 138
Bertelsen & Pietsch 1983: 82–83, fig. 4
Paulin & Stewart 1985: 28
Paulin et al. 1989: 139–140, 256, fig. 68.1

1839 *Himantolophus brevirostris*
Stewart & Pietsch 1998: 9–10, 34, fig. 5

1840 *Himantolophus pseudalbinares*
Stewart & Pietsch 1998: 6, 8–9, 34, fig. 4

1841 *Himantolophus reinhardtii*
Waite 1912b: 194–195

Family Diceratiidae Doublespine anglerfishes

Species recognised in 2015:
Diceratias trilobus Balushkin & Fedorov, 1986 Doublespine anglerfish

No pre-2000 references found.

Family Oneirodidae Smooth anglerfishes

Species recognised in 2015:
Chaenophryne draco Beebe, 1932 Smooth anglerfish
Chaenophryne longiceps Regan, 1925 Longhead anglerfish
Dolopichthys pullatus Regan & Trewavas, 1932 Spinyhead dreamer
Oneirodes kreffti Pietsch, 1974 Krefft's dreamer
Oneirodes notius Pietsch, 1974 Smooth anglerfish
Oneirodes sabex Pietsch & Seigel, 1980 Rough dreamer
Spiniphryne gladisfenae (Beebe, 1932) Roughskin dreamer

1842 *Chaenophryne draco*
Stewart & Pietsch 1998: 10–12, 34, fig. 7

1843 *Chaenophryne longiceps*
Stewart & Pietsch 1998: 10–11, 34, fig. 6

1844 *Dolopichthys longicornis*
Stewart & Pietsch 1998: 13

1845 *Dolopichthys pullatus*
Paulin & Stewart 1985: 28
Paulin et al. 1989: 139, 256, fig. 67.2
Stewart & Pietsch 1998: 10, 13, 34, fig. 8

1846 *Oneirodes eschrichtii*
ESCHRICHT'S ANGLERFISH
Ayling & Cox 1982: 138–139, fig.
Stewart & Pietsch 1998: 18–19, 35, fig. 13

1847 *Oneirodes haplonema*
Stewart & Pietsch 1998: 14–17, fig. 9

1848 *Oneirodes kreffti*
Stewart & Pietsch 1998: 17, 35, fig. 10

1849 *Oneirodes notius*
SMOOTH ANGLERFISH
Pietsch 1974: 70–71, fig. 106
Paulin & Stewart 1985: 28
Paulin et al. 1989: 139, 256, fig. 67.1
Tracey et al. 1990: 34

1850 *Oneirodes sebax*
Stewart & Pietsch 1998: 17, 35, fig. 11

1851 *Oneirodes whitleyi*
Roberts C 1991: 1, 8, 17
Stewart & Pietsch 1998: 17–18, 35, fig. 12

Family Ceratiidae Seadevils

Species recognised in 2015:
Ceratias holboelli Krøyer, 1845 Northern seadevil
Ceratias tentaculatus (Norman, 1930) Southern seadevil
Cryptopsaras couesii Gill, 1883 Warty seadevil

1852 *Ceratias couesi*
Pietsch 1986: 488–490, fig. 7

1853 *Ceratias holboelli*
FILAMENTOUS ANGLERFISH
Grey 1956: 261–264
Ayling & Cox 1982: 140, fig.
Bertelsen & Pietsch 1983: 89–91, fig. 10
Paulin et al. 1989: 137, 256, fig. 64.3b
Tracey 1990: 34
Stewart & Pietsch 1998: 22–24, 35, fig. 15

1854 *Ceratias holboeli*
Paulin & Stewart 1985: 27

1855 *Ceratias holbolli tentaculatus*
ANGLER FISH
Bertelsen 1951: 225
Whitley 1956b: 413
Whitley 1968a: 88

1856 *Ceratias tentaculatus*
Pietsch 1986: 487, fig. 6
Paulin et al. 1989: 137, 256, fig. 64.3a
Stewart & Pietsch 1998: 22–23, 35, fig. 14

1857 *Cryptopsaras carunculatus*
Bertelsen 1951: 143

1858 *Cryptosaurus couesi*
BLACK ANGLERFISH
Robertson et al. 1984: 24

1859 *Cryptopsaras couesi*
SEADEVIL, TRIPLEWART SEADEVIL
Bertelsen 1951: 139, 225
Grey 1956: 264–266
Ayling & Cox 1982: 140, fig.
Bertelsen & Pietsch 1983: 91, fig. 11
Paulin & Stewart 1985: 27
Clark & King 1989: 52
Paulin et al. 1989: 137, 256, pl., p. [162a]
Amaoka et al. 1990: 202, fig.
Tracey et al. 1990: 34
Roberts C 1991: 17
McClatchie et al. 1997: 665
Stewart & Pietsch 1998: 22, 25–26, 36–37, fig. 16

1860 *Cryptopsaras couesi pennifer*
Bertelsen 1951: 143

1861 *Cryptopsaras couesii*
SEA DEVIL
Hatanaka et al. 1989B: 31

1862 *Cryptopsaras pennifer*
ANGLER FISH
Bertelsen 1951: 139
Whitley 1956b: 413
Whitley 1968a: 88

1863 *Cryptosparas carunculatus*
BLIND ANGLER FISH
Phillipps 1941a: 160–161, pl. 27

1864 *Cryptosparas couesii*
Phillipps 1941a: 161

1865 *Cryptosparas pennifer*
Regan & Trewavas 1932: 8, 98, fig. 157

1866 "*Hyaloceratias*"
Grey 1956: 278

1867 *Mancalias bifilis*
Regan & Trewavas 1932: 8, 100, fig. 158, pl. 6

Family Gigantactinidae Slender anglerfishes

Species recognised in 2015:
Gigantactis elsmani Bertelsen, Pietsch & Lavenberg, 1981 Elsman's anglerfish
Gigantactis meadi Bertelsen, Pietsch & Lavenberg, 1981 Mead's slender anglerfish
Gigantactis paxtoni Bertelsen, Pietsch & Lavenberg, 1981 Slender anglerfish
Gigantactis vanhoeffeni Brauer, 1902 Cosmopolitan whipnose

1868 *Gigantactis meadi*
Stewart & Pietsch 1998: 26–27, 37, fig. 18

1869 *Gigantactis paxtoni*
Paulin 1984b: 66–67, fig. 5
Paulin & Stewart 1985: 27
Paulin et al. 1989: 137, 256, fig. 65.1, pl., p. [162a]
Roberts C 1991: 17
Stewart & Pietsch 1998: 26–27, 37, fig. 17a

1870 *Gigantactis* sp.
Tracey et al. 1990: 34

Family Linophrynidae Linophrynids

Species recognised in 2015:
Haplophryne mollis (Brauer, 1902) Phantom angler
Linophryne densiramus Imai, 1941 Bearded angler

1871 *Eridolychnus schmidti*
Paulin & Stewart 1985: 27

1872 *Haplophryne mollis*
Regan 1916a: 134, 148, pl. 10
Phillipps 1927b: 56
Phillipps 1927c: 14
Norman 1930: 352
Whitley & Phillipps 1939: 236
Bertelsen 1951: 225
Paulin et al. 1989: 138, 256, fig. 66.2, pl., p. [162a]
Roberts C 1991: 5, 17
Stewart & Pietsch 1998: 30, 37, fig. 19

1873 *Haplophryne triregium*
THREE KINGS ANGLER
Whitley & Phillipps 1939: 236
Whitley 1956b: 413
Whitley 1968a: 89

1874 *Linophryne arborifer*
BLACK ANGLERFISH
Paulin & Stewart 1985: 28
Tracey et al. 1990: 34

1875 *Linophryne arborifera*
Paulin et al. 1989: 138, 256, fig. 66.1

1876 *Linophryne densiramus*
Stewart & Pietsch 1998: 29

1877 *Linophryne*
ANGLER FISH, BLACK ANGLER FISH
Grey 1956: 273–276
Whitley 1956b: 413
Whitley 1968a: 89
Ayling & Cox 1982: 141, fig.

Order MUGILIFORMES Mullets

Family Mugilidae Mullets

Species recognised in 2015:
Aldrichetta forsteri (Valenciennes, 1836) Yelloweye mullet
Chelon melinopterus (Valenciennes, 1836) Largescale mullet
Mugil cephalus Linnaeus, 1758 Grey mullet

1878 ***Agnostomus forsteri***
HERRING, YELLOW-EYED MULLET
Phillipps 1927b: 30
Allen 1951: 66
Cunningham 1951: 75
Powell 1951: 67, fig. 318
Manter 1954: 525–527, 558
Kaberry 1957: 90
Robinson 1959a: 150
McKenzie 1960: 47

1879 ***Agnostomus***
Gorman 1962: 15

1880 ***Agonostoma diemensis***
MULLET
Ogilby 1897b: 70

1881 ***Agonostoma forsteri***
HERRING, HERRING TAIL, SEA-MULLET
Gunther 1861: Vol. 3, 465–466
Hector 1872: 114, pl. 6
Hutton 1872: 37
Hutton 1875a: 133
Thomson G 1877: 485
Thomson G 1878: 326
Thomson G 1879: 382
Johnston 1883: 87
Hector 1884b: 55
Hector 1886a: 28
Sherrin 1886: 65–66, 303
Hutton 1890: 281
Colenso 1892: 460
Thomson G 1892: 211
Ogilby 1897b: 71–72, 79–81
Mair 1903: 319

1882 ***Agonostoma***
Clarke 1897a: 244
Clarke 1899a: 92

1883 ***Agonostomus forsteri***
COMMON MULLET, HERRING, MULLET, SEA MULLET, SKIPPER, SOUTH ISLAND MULLET, SPRAT, YELLOW-EYED MULLET
Gill 1893: 94–95, 97, 114
Hutton 1904c: 46
Thomson G 1906: 551
Waite 1907: 16
Thomson G 1913: 230
Phillipps 1921a: 120, 125
Thomson & Anderton 1921: 24, 72
Phillipps & Hodgkinson 1922: 95
Rendahl 1925: 2
Young & Thomson 1927: 315
Archey 1927: 194, 198, pl. 1
Phillipps 1927c: 12
McCulloch 1929: 118–119
Phillipps 1929a: 343
Bayliss 1932: 177
Benham 1934: 31
Benham 1935: 21–22
Norman 1935: 3
Benham 1936: 26–27
Hefford 1936: 72
Stokell 1936: 83
Wilson 1937: 31
Benham 1938: 56–57
Graham D 1938: 408
Graham D 1939b: 365
Benham 1940: 35
Fowler 1940: 763, fig. 41
Phillipps 1940: 8
Benham 1941: 34–35
Benham 1944: 19
Phillipps 1947: 42
Phillipps 1948: 128–129
Phillipps 1949c: 32–33, one fig.
Cassie 1956a: 712
Parrott 1957: 30, 35–37, one fig.
McMillan 1961: 143
Wheeler 1981: 794

1884 ***Agonstomus forsteri***
HERRING
Phillipps 1934: 166

1885 ***Aldrichetta forsteri***
COMMON MULLET, HERRING, SEA MULLET, N.Z. KIPPER, SPRAT, YELLOW[-]EYE(D) MULLET
Stead 1911: 9
Whitley 1945: 19–20, fig. 10
Thomson JM 1954: 115–117, pl. 2(3)
Graham D 1956: 204, 214–217, 257, 291, one fig.
Whitley 1956b: 405
Williams 1960: 10
Doogue & Moreland 1961: 220–221, 233, 236, one fig.
Gorman 1962: 1–19, figs 1, 3–6
Graham J 1963: 168
Moreland 1963: 26, one fig.
Rosenberg 1963: 6
Woods 1963: 16, 23, one fig.
McDowall 1964a: fig. 2
Anon. 1965: 16, fig. 35
Hargis & Dillon 1965: 222
McDowall 1966: 95
McLintock 1966: (3) 708
Morgans 1966: 141
Paul 1966b: 37
Powell 1966: (2) 600, one fig.
Wodzicki & Moreland 1966: 98
Beaglehole 1967: 807
Heath & Moreland 1967: 48, fig. 83
McDowall 1968c: 43, 60, 62
Morton & Miller 1968: 550
Tong & Elder 1968: 65–66
Whitley 1968a: 50
Russell 1969: 110
York 1969: 66
Sorensen 1970: 6, 30, 39, 51, 55, fig. 34

Baker 1971: 294
Grace R 1971: 133, 135
Baker 1972: 11, 15
Grace R 1972a
Hewitt & Hine 1972: 77
Watkinson & Smith 1972: 34, 43–44, 48, 75
Webb 1972d: 33
Webb 1972f: 570–601, figs 15, 17
Vooren 1973b: 112
Hughes et al. 1974: 14, 15, 27
Paul 1974c: 759–760, fig. 3
Webb 1973a: 45–66
Webb 1973d: 223–234, figs 1–2
Webb 1973e: 301–305
Webb 1973f: 310, 312–313
Ryan 1974: 131, 132, 135
Webb 1974: 30: 38
McDowall 1976: 27
Slack 1976: 26
York 1977: 26
Jones J 1978: 157–159
Kilner & Akroyd 1978: 32...65, fig.
McDowall 1978b: 136–137, fig.
Francis M 1979: 68
Nicholson 1979: 136
Shuntov 1979: 69, *
Struik & Bray 1979: 30, 31
Willan et al. 1979: 451
McDowall 1980c: 49, fig.
Rohde et al. 1980: 1, 5
Shuntov et al. 1980: 35–36
Crossland 1981a: 34, figs 36–38
Thompson 1981: 9, 20, 174, 189–190 (figs), 294, 303, 326
Ayling & Cox 1982: 17, 250, pl. 29
Boustead 1982: 10
Crossland 1982b: 35
Last et al. 1983: 402–403, fig.
Paul et al. 1983: 14
Blair 1984: 8
McDowall 1984: 18, 183, fig.
Vlieg 1984b: 427–434
Bradstock 1985: 41, 121–122, 124, fig., pl.
Eldon & Kelly 1985: 18, 22, 24–26, 40, 42, 52, figs 16–17
Jones & Hadfield 1985: 480, figs 3–4
Kingsford & Choat 1985: 625, 628
Paulin & Stewart 1985: 46
Wingham 1985: 231–235, 237
Andrews 1986: 12–14, 26, 58
Kingsford & Choat 1986: 163–169
Paul 1986: 113, figs
Roberts et al. 1986: 359
Hine et al. 1987: 42
Paulin 1987a: 22, fig.
Tracey & van den Broek 1987: 128–130, 134
Francis M 1988c: 40, pl. 142
Kingsford 1988: 466, 468, 472
Penlington 1988: 7, 10
Vlieg 1988: 18, 22, 38, 45, 49
Vlieg & Body 1988: 151–161
Hardy C 1989: 28, 30, 39–42, 49, 70–71, 93–94
Kingsford & Choat 1989: 288, 293
Paulin et al. 1989: 205, 262, fig. 138.2a
McDowall 1990: 278–280, fig. 14.1, pl. 65
OECD 1990: 133, 178, 314
Kingsford & Tricklebank 1991: 9–16, figs 1–3
Carey 1992: 42, 45
Kingsford 1992: 44–46, 49–52
Paul 1992: 895
Paulin & Roberts 1992: 124–125, figs 65a, b, pl. 25B
Robertson 1992: 79
Tricklebank et al. 1992: 268–274, fig. 5
Harris T 1993: 70, 72
Paul et al. 1993: 49, fig.
Paulin & Roberts 1993: 197
Hickford & Schiel 1995: 221, figs 5, 7
Hickford & Schiel 1996: 671
Francis M 1996a: 50
Francis M 1996b: 45, pl. 147
Paulin et al. 1996: 19, fig.
Anderson A 1997: 6–8, 10, 12, 14, 20, figs 2, 3
Paul & Heath 1997a: 56, fig.
Enderby & Enderby 1998: 13, pl.
Paulin 1998: 78, fig.
Paulin & Roberts 1998: 168, 171, 172
Harrison & Senou 1999: 2079, fig.
Hickford & Schiel 1999: 296
Weisler et al. 1999: 43
Glova & Sagar 2000: 507, 514
Hine et al. 2000: 19, 83
Paul 2000: 113, fig., 202

1886 ***Aldrichetta***
Natusch 1967: 217, fig. 67

1887 ***Dajaus forsteri***
Richardson J 1846: v, 77–78, pl. 44

1888 ***Dajus forsteri***
Howard 1883: 527

1889 ***Leuciscus lavaretoides***
Richardson J 1843a: 25

1890 ***Leuciscus (Ptycholepis) salmoneus***
Richardson & Gray 1843: 218

1891 ***Mugil acutus***
Richardson J 1846: 78

1892 ***Mugil albula***
Forster G [1772–1775]: 239
Bloch & Schneider 1801: 120
Forster J.R. 1801: MS 2. 64
Valenciennes 1836: Vol. 11, 141
Forster J.R.1844: 145–146
Gill 1893: 97

1893 *Mugil broussonetii*
GREY MULLET
Graham D 1956: 65, 213–214, one fig.
Whitley 1956b: 405

1894 *Mugil broussonnetii*
GREY MULLET, YELLOWEYED MULLET,
Whitley 1968a: 49

1895 *Mugil broussonnetti*
GREY MULLET, SEA MULLET
Parrott 1957: 38–40, one fig.

1896 *Mugil cephalotus*
Hutton 1873b: 264, pl. 9
Hutton 1890: 281
Gill 1893: 114
Hutton 1904c: 46

1897 *Mugil cephalus*
AUCKLAND MULLET, GREY MULLET, LEAPING MULLET, MULLET, NORTHERN MULLET, RIVER MULLET, SEA MULLET, STRIPED MULLET
Waite 1907: 15
Waite 1916b: 453
Phillipps 1921a: 120
Phillipps & Hodgkinson 1922: 94
Ayson 1924: 7
Phillipps 1927b: 30
Phillipps 1927c: 12
Hefford 1936: 72, 74
Phillipps 1947: 42–43
Phillipps 1948: 128–129
Phillipps 1949c: 33–34, one fig.
Shorland 1950: 32
Powell 1951: 67, fig. 317
Cunningham B et al. 1953: 374
Thomson JM 1954: 93
Beaglehole 1955: 194, 219
Kaberry 1957: 90
Moreland 1959: 29
Doogue & Moreland 1961: 221, 234, one fig.
Beaglehole 1962: 453, Vol. 1
Moreland 1963: 26, one fig.
Thomson JM 1963: *
Woods 1963: 23
Anon. 1965: 16, fig. 34
McDowall 1966: 95
McLintock 1966: (3) 708
Powell 1966: (2)600, one fig.
Heath & Moreland 1967: 48, fig. 82
McDowall 1968a: 10
Morton & Miller 1968: 550, fig. 204
Sorenson 1970: 6, 31, 38, 55, fig. 33
York 1970: 5
Hewitt & Hine 1972: 90
Watkinson & Smith 1972: 44, 48, 49, 75
Paul 1974c: 759–760, fig. 2
Robertson 1975c: 12
McDowall 1976: 27
Kilner & Akroyd 1978: 32, 55, 59–65, fig.
Francis M 1979: 68
McDowall 1979a: 208
Shuntov 1979: 69, *
McDowall 1980c: 48–49, fig.
Shuntov et al. 1980: 35–36
Crossland 1981a: 35
Thompson 1981: 174
Ayling & Cox 1982: 17, 249–250, pl. 29
Boustead 1982: 13
Blair 1984: 22
Wells 1984: 13–19, figs 1–2
Vlieg 1984b: 427–434
Bradstock 1985: 41, 122–123, pl.
Jones & Hadfield 1985: 480, figs 3–4
Paulin & Stewart 1985: 46
Paul 1986: 112, fig.
Paulin 1987a: 22, fig.
Penlington 1988: 10
Vlieg 1988: 16, 20, 27, 40, 48
Vlieg & Body 1988: 151–161
Winchester 1988: 621–624
Paulin et al. 1989: 205, 262, fig. 138.2b
McDowall 1990: 280–282, figs 14.2–14.4
OECD 1990: 178
Roberts C 1991: 11
Paul 1992: 895
Harris T 1993: 70
Paul et al. 1993: 49, fig.
Hooper 1994: 203
Paulin et al. 1996: 19, fig.
Anderson A 1997: 6, 10, 12, 14
Leach 1997: * figs
Paul & Heath 1997a: 57, 202, figs
Paulin 1998: 27, fig.
Paulin & Roberts 1998: 168, 172
Taylor & Willis 1998: 258, figs 1, 2
Bradford 1999b: 16, figs 2, 3
Hine et al. 2000: 22
Paul 2000: 112, 202, figs

1898 *Mugil ferrandi*
Richardson J 1846: 78

1899 *Mugil forsteri*
SEA MULLET
Valenciennes 1836: Vol. 11, 141–142
Richardson J 1842d: 124
Richardson & Gray 1843: 211
Richardson J 1843a: 22
Taylor 1870: 624

1900 *Mugil georgii*
SILVER MULLET
Paulin & Stewart 1985: 46

1901 *Mugil lavaretoides*
GREY MULLET
Richardson J 1843e: 489–490
Solander : MS 21
Beaglehole 1962: 453, Vol. 1

1902 *Mugil peronii*
Richardson J 1846: 78

1903 *Mugil perusii*
GREY MULLET, MULLET
Hector 1872: 113–114
Hutton 1872: 36
Hutton 1873b: 264–265
Hector 1884b: 53, 55
Hector 1886a: 26, 28
Sherrin 1886: 52–56, 303
Hutton 1890b: 281
Thomson G 1892: 211
Clarke 1899: 97
Johnson 1020: 22–26
Johnson 1921: 475
Thomson JM 1954: 93

1904 *Mugil*
GREY MULLET
Knox 1872: 189–191
Natusch 1967: 217, fig. 67

1905 AUA, GREY MULLET, HERRING, KANAE, MULLET, SEA MULLET
Forster 1777: 126, Vol. 1
Rochon 1783:
Yate 1835: 71
Polack 1838: 322
Hodgskin 1841: 33
Taylor 1855: 411
Taylor 1870: 624
Hector 1872: 100–101, 105, 127
Thomson G 1877: 487
Rutland 1878: 252
Thomson G 1878: 325, 327–329
Thomson G 1879: 381, 384–385
Hector 1884b: 53
Arthur 1885: 172
Hector 1886a: 26
Sherrin 1886: 7, 51, 65, 284, 291, 106, 108
Thomson G 1892: 203–204, 208
Henry 1896: 53
Thomson G 1898a: 577
Mair 1903: 319
Drummond & Hutton 1905: 71, fig. 6
Hamilton A 1908: 64
Best 1929: 17, 43, 62, 180
Benham 1933: 22
Graham D 1939a: 424–426, 428, 430, 434–435
Phillipps 1947: 43–44
Graham D 1956: 30, 36, 80, 104, 109, 161, 169, 240, 252, 287, 314, 339
Longhurst 1958: 488
Parrott 1958: 61, 92
Parrott 1960: 79
Doogue & Moreland 1961: 208
Keene 1063: 46
Fisher 1965: 112
Sorensen 1965c: 127
Paul 1966: (1) 37–38, 678
Powell 1966c: (1) 718
Andrews 1986: 12
Boyce et al. 1986: 4, *
Clark I et al. 1988: 328
Bradford 1999a: *, fig. 20

1906 YELLOWEYE MULLET
Boyce et al. 1986: 4, *

Order ATHERINIFORMES Silversides

Family Isonidae Surf silversides

Species recognised in 2015:
Iso rhothophilus (Ogilby, 1895) Surf silverside

No pre-2000 references found.

Family Atherinidae Hardyheads

Species recognised in 2015:
Atherinomorus? *lacunosus* (Forster, 1801) Hardyhead

1907 *Atherina lacunosa*
Waite 1907: 15

1908 *Atherina pingius*
Hutton 1904c: 46

1909 *Atherina pinguis*
Kirk 1880: 309–310, 1 fig.
Sherrin 1886: 303
Hutton 1890: 281
Gill 1893: 114
Waite 1912c: 318

1910 ?*Atherinomorus lacunosa*
Paulin et al. 1989: 146, 257, pl. 76.1

1911 *Hepsetia pinguis*
HARDYHEAD
Phillipps 1927b: 30

Phillipps 1927c: 12
McCulloch 1929: 109

1912 *Hypoatherina lacunosa*
HARDYHEAD
Paulin & Stewart 1985: 30
Ayling & Cox 1982: 172, fig.

1913 *Pranesus ogilbyi*
HARDYHEAD
Whitley 1956b: 405
Whitley 1968a: 49

Order BELONIFORMES

Family Belonidae Needlefishes

Species recognised in 2015:
Ablennes hians (Valenciennes, 1846) Barred longtom
Platybelone argalus (Lesueur, 1821) Needlefish

1914 *Ablennes hians*
Francis M 1991: 217, fig. 39
Francis M 1996a: 50

1915 *Platybelone argalus*
Paulin 1984b: 63–64, fig. 2
Paulin & Stewart 1985: 29
Paulin et al. 1989: 144, 257, fig. 73.1
Francis M 1996a: 50

Family Scomberesocidae Sauries

Species recognised in 2015:
Scomberesox saurus (Walbaum, 1792) Saury

1916 *Esox saurus*
Forster G [1772–1775]: 233
Bloch & Schneider 1801: 394
Forster J.R. 1801: MS 2.65
Forster J.R. 1844: 143–144
Whitley 1956b: 403

1917 *Esox scombroides*
Solander : MS 21

1918 *Esox*
Forster 1777: 159, Vol. 1

1919 *Sairis scombroides*
Richardson & Gray 1843: 221
Richardson J 1843a: 26

1920 *Scomberesox forsteri*
DOUBLE BEAK, NEEDLEFISH, OCEAN GARFISH, OCEAN PIPER, SAURY, SKIPPER, SKIPJACK
Gill 1893: 94–95, 97
Phillipps 1927c: 12
McCulloch 1929: 99
Morrow 1952b: 144–145
Whitley 1956b: 403
Doogue & Moreland 1961: 182, 205–206, one fig.
Moreland 1963: 18, one fig.
Wodzicki & Moreland 1966: 98–99
Heath & Moreland 1967: 16, fig. 17
Natusch 1967: 213, fig. 63
Whitley 1968a: 35
Webb 1972d: 1, 3, 9, 52, 54, 58
Webb 1974: 29, 30, 35, 38
Stephenson 1974b: 1116–1118, fig.
Last et al. 1983: 261–262, fig.
Wingham 1985: 233, 237

1921 *Scomberesox saurus*
NEEDLEFISH, OCEAN PIPER, SAURY, SKIPPER
Morrow 1952b: 144–145
Lamonte 1955: 329
Moreland 1959: 29
Morrow 1964: 432
Baker 1966: 820–821
Parin 1968a: 285, fig. 5
York 1969: 66
Osipov 1975: 495–496
Robertson 1975c: 7, fig. 4
Allen et al. 1976: 387
Robertson 1978b: 85, 87
Francis M 1979: 66
Habib et al. 1980c: 33
Habib et al. 1981a: 32
Robertson 1981: 148, fig. 1
Ayling & Cox 1982: 18, 171, fig.
Habib et al. 1982: 4
Crossland 1982b: 25
James 1983: 52
Kelly 1983: 82, 122
Paulin & Stewart 1985: 29
Andrews 1986: 16, 26
Paul 1986: 67, fig.
Paulin et al. 1989: 145, 257, fig. 74.1

Roberts C 1991: 17
Robertson 1992: 77–81
Paulin & Roberts 1998: 167
Paul 2000: 67, fig.

1922 *Scomberesox saurus scombroides*
Hubbs & Wisner 1980: 535–541

1923 *Scombersox forsteri*
Wheeler 1981: 788

1924 *Scombresox forsteri*
SKIPPER
Valenciennes 1846: Vol. 18, 481–482
Gunther 1866: Vol. 6, 258
Hector 1872: 118
Hutton 1872: 53
Sherrin 1886: 34, 305
Sandager 1888: 131–132
Hutton 1890: 283
Gill 1893: 114
Hutton 1904c: 50
Waite 1907: 15
Waite 1910b: 375
Regan 1916a: 134, 142
Waite 1916b: 453
Phillipps 1921a: 120
Phillipps 1927b: 21
Young 1929: 141

1925 *Scombresox saurus*
SAURY, SKIPPER
Barnard 1925: 259–260, fig. 16

1926 NEEDLE FISH
Moreland 1961: 87

1927 SKIPPER
Archey 1927: 198

Family Exocoetidae Flyingfishes

Species recognised in 2015:
Cheilopogon ?*abei* Parin, 1996 Abe's flyingfish
Cheilopogon ?*dorsomacula* (Fowler, 1944) Blackspot flyingfish
Cheilopogon furcatus (Mitchill, 1915) Spotfin flyingfish
Cheilopogon pinnatibarbatus (Bennett, 1831) Barbeled flyingfish
Exocoetus gibbosus Parin & Shakhovskoy, 2000 Oceanic two-wing flyingfish
Exocoetus volitans Linnaeus, 1758 Tropical two-wing flyingfish
Hirundichthys albimaculatus (Fowler, 1934) Whitespot flyingfish
Hirundichthys ilma (Clarke, 1899)
Hirundichthys rufipinnis (Valenciennes, 1847) Rondelet's flyingfish
Hirundichthys speculiger (Valenciennes, 1847) Mirrorwing flyingfish

1928 *Cheilopogon pinnatibarbatus melanocercus*
Paulin & Stewart 1985: 29
Paulin et al. 1989: 143, 257, figs 71.3b, 71.4b

1929 *Cypelurus* sp.
FLYING FISH
Wingham 1985: 233, 237

1930 *Cypeselurus lineatus*
FLYING FISH
Moreland 1959: 29

1931 *Cyprilumus*
Hewitt 1967: 239

1932 *Cypselurus antoncichi*
Parin 1960: *

1933 *Cypselurus cribrosus*
Griffin 1923: 248–249, pl. 21
Phillipps 1927b: 22
Phillipps 1927c: 12

1934 *Cypselurus exsiliens*
Parin 1960: *

1935 *Cypselurus ilma*
Phillipps 1927b: 21
Phillipps 1927c: 12

1936 *Cypselurus lineatus*
FLYING FISH, LARGE FLYING FISH
Doogue & Moreland 1961: 207, 278, fig.
McLintock 1966: (3) 708
Powell 1966: (1) 718, one fig.
Heath & Moreland 1967: 16, 46, fig. 15
Stephenson 1974b: 1116–1118, fig.
Ayling & Cox 1982: 18, 170–171, pl. 10
Kelly 1983: 122
Paulin & Stewart 1985: 29
Paul 1986: 67, fig.
Paulin et al. 1989: 143, 257, figs 71.3a, 71.4a
Doak 1991: 34, fig.
Tricklebank et al. 1992: 269
Paul 2000: 67, fig.

1937 *Cypselurus melanocercus*
FLYING FISH, LARGE FLYING FISH
Griffin 1923: 249–250, pl. 22
Phillipps 1927: 22
Phillipps 1927c: 12

Hefford 1936: 71
Powell 1951: 66, fig. 313
Graham D 1956: 28, 360

1938 *Cypselurus pinnatibarbatus*
Paul et al. 1993: 135, fig.

1939 *Cypselurus pinnatibarbatus melanocercus*
Parin 1959: 2
Parin 1960: *

1940 *Cypselurus speculiger*
Phillipps 1927b: 21
Phillipps 1927c: 12

1941 *Cypselurus (Hirundichthys) speculiger*
Parin 1960: *

1942 *Cypselurus* sp.
FLYING FISH
Wodzicki & Moreland 1966: 98–99
Robertson 1992: 80

1943 *Cypsilurus*
FLYING FISH
Natusch 1967: 213, fig. 63

1944 *Cypsilurus cribrosus*
Parrott 1960: 75

1945 *Cypsilurus ilma*
FLYING FISH
Whitley 1956b: 403

1946 *Cypsilurus lineatus*
LONGFINNED FLYING FISH
Nicholson 1979: 136

1947 *Cypsilurus melanocercus*
FLYING FISH, LARGE FLYING-FISH,
Whitley 1956b: 403
Parrott 1960: 74–79, figs 23, 24
Whitley 1968a: 36
Russell 1971b: 83
Grace R 1973: 14
Grace R 1975: 97
Grace A 1976: 103

1948 *Cypsilurus spilonotopterus*
FLYING FISH
Whitley 1956b: 403
Whitley 1968a: 36

1949 *Cypsilurus subpellucens*
FLYING FISH
Whitley 1956b: 403
Whitley 1968a: 36

1950 *Danichthys cribrosus*
FLYING FISH
Whitley 1956b: 403
Whitley 1968a: 37
Paulin & Stewart 1985: 29
Paulin et al. 1989: 143, 257, fig. 71.5a

1951 *Danichthys ilma*
Whitley 1968a: 37

1952 *Evolantia microptera*
FLYING FISH
Waite 1907: 15
Phillipps 1927b: 21
Phillipps 1927c: 12
McCulloch 1929: 107
Hefford 1936: 71

1953 *Exocaetes subpellucens*
FLYING FISH
Richardson J 1843a: 26

1954 *Exocetus exiliens*
FLYING FISH
Taylor 1855: 412

1955 *Exocetus exiliens*
Richardson & Gray 1843: 221

1956 *Exocetus exulans*
Taylor 1870: 624

1957 *Exocetus subpellucens*
Richardson & Gray 1843: 221

1958 *Exocetus volitans*
Richardson & Gray 1843: 221

1959 *Exocoetus ilma*
FLYING FISH
Clarke 1899a: 92–96, pl. 6
Hutton 1904c: 49

1960 *Exocoetus micropterus*
Hutton 1872: 54
Sherrin 1886: 305
Hutton 1890: 283
Gill 1893: 113
Hutton 1904c: 49

1961 *Exocoetus obtusirostris*
Parin 1960: *
Paulin & Stewart 1985: 29
Paulin et al. 1989: 143, 257, fig. 71.2a

1962 *Exocoetus speculiger*
FLYING-FISH
Sherrin 1886: 305
Sandager 1888: 131–132
Hutton 1890: 283
Thomson G 1892: 213
Gill 1893: 113
Clarke 1899a: 94–96
Hutton 1904c: 49
Phillipps 1947: 45

1963 *Exocoetus spilonotopterus*
Regan 1914c: 15
Phillipps 1927b: 21
Phillipps 1927c: 12

1964 *Exocoetus volitans*
FLYING FISH
Parin 1960: *
Polack 1838: 323
Polack 1840: 202

1965 *Exonautes ilma*
Waite 1907: 15

1966 *Exonautes speculiger*
Waite 1907: 15

1967 *Hirundichthys cribrosus*
Allen et al. 1976: 386
Paulin & Stewart 1985: 29

1968 *Hirundichthys speculiger*
FLYING FISH
Whitley 1956b: 403
Whitley 1968a: 37
Allen et al. 1976: 386
Paulin & Stewart 1985: 29
Paulin et al. 1989: 143, 257, fig. 71.5b

1969 *Prognichthys albimaculatus*
Parin 1960: *

1970 FLYING-FISH
Wilkes 1845: Vol. 2, 345
Hector 1872: 99, 100
Sherrin 1886: 6
Thomson G 1892: 203
Hamilton A 1908: 34
Moreland 1961: 61, 83, 88
Moreland 1965: 126
Paul 1966c: (1) 677

Family Hemiramphidae Halfbeaks

Species recognised in 2015:
Euleptorhamphus viridis (van Hasselt, 1823) Garfish
Hyporhamphus ihi Phillipps, 1932 Piper
Oxyporhamphus micropterus (Valenciennes, 1847) Oceanic flying halfbeak

1971 *Arrhamphus sclerolepis*
Gunther 1866: Vol. 6, 277
Hutton 1872: 54
Hutton 1873b: 269
Sherrin 1886: 305
McCulloch 1929: 104

1972 *Euleptorhamphus longirostris*
LONG BILLED PIPER, LONGSNOUTED GARFISH
Waite 1912a: 29
Whitley 1956b: 403
Whitley 1968a: 36
Thompson 1981: 84

1973 *Euleptorhamphus viridis*
GARFISH
Paulin & Stewart 1985: 29
Paulin et al. 1989: 144, 257, fig. 72.2a
Paul & Heath 1997a: 22

1974 *Hemiramphus australis*
GARFISH, PIPER
Colenso 1844: 54
Moreland 1957: 34

1975 *Hemirhamphus ihi*
GARFISH
Jones & Hadfield 1985: 480

1976 *Hemirhamphus intermedeus*
GARFISH
Ayson 1924: 8

1977 *Hemiramphus intermedius*
GARFISH, PIPER
Phillipps 1921a: 120, 125
Thomson & Anderton 1921: 23
Phillipps & Hodgkinson 1922: 94
Thomson G 1932: 22–23
Fowler 1940: 757, fig. 29
Phillipps 1947: 42
Morrow 1952b: 144–145
Baker 1966: 820
Godfriaux 1970a: 257

1978 *Hemiramphus marginatus*
GUARD FISH
Richardson & Gray 1843: 219–220
Richardson J 1843a: 26
Taylor 1870: 626
Gill 1893: 92

1979 *Hemirhamphus intermedius*
GARFISH, HALF BEAK, PIPER
Gunther 1866: Vol. 6, 260–261
Hector 1872: 118, pl. 9
Hutton 1872: 53–54
Hutton 1875a: 134
Thomson G 1877: 485
Thomson G 1878: 326
Thomson G 1879: 381–382, 384–385
Hector 1884b: 54–55
Hector 1886a: 28
Sherrin 1886: 33–35, 305
Sandager 1888: 131

Hutton 1890: 283
Gill 1893: 114
Hutton 1904c: 50
Thomson G 1906: 551
Thomson G 1913: 234
Regan 1914c: 14
Phillipps 1927b: 21
Phillipps 1927c: 12
Benham 1936: 26
Graham 1936b: 364, pl. 42
Hefford 1936: 71
Benham 1938: 56–57
Graham D 1938: 404
Benham 1940: 35
Bayliss 1944: 469
Powell 1951: 66, fig. 312
Kaberry 1957: 90
Parrott 1957: 33
Petrochenko 1971: 365

1980 *Hemirhamphus melanochir*
Castelnau 1879: 362

1981 *Hemirhampus ihi*
GARFISH, PIPER
Phillipps 1949c: 22, one fig.

1982 *Hyoramphus intermedius*
GARFISH
Thomson & Anderton 1921: 72, 78

1983 *Hyperhamphus ihi*
GARFISH
Slack 1976: 26

1984 *Hyporamphus ihi*
GARFISH
Wingham 1985: 231–235, 237
Paulin & Roberts 1998: 166

1985 *Hyporhamphus ihi*
GARFISH, PIPER, WELLINGTON GARFISH,
Phillipps 1932: 230
Collette 1973: 318
Collette 1974: 17–23, 75–78, fig. 1g
Stephenson 1974: 1116–1118, fig.
Stephenson 1976: 167, 170, fig. 3, 4
Francis M 1979: 66
Parin et al. 1980: 58, fig. 22
Crossland 1981a: 22, fig. 18
Robertson 1981: 148
Ayling & Cox 1982: 17, 171, pl. 10
Gunson 1983: 176, 181, fig.
Kelly 1983: 122
Russell 1983: 124, 140
Montgomery & Saunders 1985: 197–208, figs 1–7
Saunders & Montgomery 1985: 209–221, figs 1–4
Vlieg 1985c: 245–249
Andrews 1986: 108, fig
Kingsford & Choat 1986: 164–165, 169
Paul 1986: 66, figs
Roberts et al. 1986: 358
Roper 1986: 705–717
Francis M 1988c: 21, pl. 25
Kingsford 1988: 472
Vlieg 1988: 15, 19, 26, 40, 48
Vlieg & Body 1988: 151–161
Kingsford 1989: 15
Kingsford & Choat 1989: 288
Montgomery 1989: 561–564
Paulin et al. 1989: 144, 257, fig. 72.2b
OECD 1990: 126, 202
Roberts C 1991: 17
Kingsford 1992: 45, 46, 48, 52
Robertson 1992: 79
Tricklebank et al. 1992: 268
Paul et al. 1993: 53, fig.
Montgomery et al. 1995: 403, fig. 2
Willis 1995: 66
Francis M 1996a: 50
Francis M 1996b: 21, pl. 25
Paul & Heath 1997a: 22, fig.
Enderby & Enderby 1998: 12
Paulin 1998: 49, fig.
Hine et al. 2000: 21
Paul 2000: 66, figs, 202

1986 *Hyporhamphus intermedius*
GARFISH, PIPER
Waite 1907: 15
Thomson G 1913: 230, 234
Waite 1916b: 453
Phillipps 1918: 271
Archey 1927: 198
McCulloch 1929: 102
Phillipps 1932: 230
Phillipps 1947: 49

1987 *Hyporhampus ihi*
Paulin & Stewart 1985: 29
Harris T 1993: 71

1988 *Oxyporhamphus micropterus*
FLYING FISH, SMALL WINGED FLYING FISH
Whitley 1956b: 403
Parin 1960: *
Whitley 1968a: 36
Imber 1976a: 127

1989 *Reporhamphus ihi*
GARFISH, GUARD FISH, HALF-BEAK, PIPER
Graham D 1956: 32, 34, l04–105, 109, 113, 139, 157–161, 240, 363, figs
Whitley 1956b: 403
Parrott 1957: 33–34, one fig. pl. 4
Doogue & Moreland 1961: 182, 205–206, 234, 270, one fig.
Moreland 1963: 20, 30, one fig.
Anon. 1965: 16
McLintock 1966: (3) 708–709
Powell 1966: (2)776, one fig.

Wodzicki & Moreland 1966: 98
Heath & Moreland 1967: 16, fig. 16
Whitley 1968a: 36
Russell 1969: 110
Stephenson 1969: 427–428, fig. 1
Sorenson 1970: 5, 26, 29–30, 41, 54
Baker 1971: 294
Grace R 1971: 135
Russell 1971b: 83
Grace R 1972a: 91
Hewitt & Hine 1972: 94
Watkinson & Smith 1972: 34, 44, 49, 75
Grace R 1973: 14
Webb 1972d: 33
Webb 1973f: 308
Grace A 1974: 22
Grace R 1975: 99
Grace A 1976: 103
Avdeev 1978: 282
Kilner & Akroyd 1978: 58–60
Nicholson 1979: 135
Willan et al. 1979: 451
Housley et al. 1980: 38
Thompson 1981: 18, 84, 85–86 (figs), 294, 297, 299, 315, 330
Eldon & Kelly 1985: 23

1990 GARFISH, HALF BEAK, PIPER
Hector 1872: 101, 119
Thomson G 1877: 487, 489
Thomson G 1878: 327, 329
Sherrin 1886: 7, 12, 84, 284
Thomson G 1892: 205
Thomson G 1924: 19
Wilson 1937: 31
Graham D 1939a: 423–424, 435
Benham 1941: 34–35
Moreland 1961: 84, 87
Natusch 1967: 213, fig. 63
Boyce et al. 1986: 4, *

1991 HALF BEAK
Sherrin 1886: 34

1992 PIPER
Poata 1929: 12
Sorensen 1965c: 128
Doak 1975a: 1742

Order CYPRINODONTIFORMES Killifishes

Family Poeciliidae Livebearers

Species recognised in 2015:
Gambusia affinis (Baird & Girard, 1853) Mosquitofish
Phalloceros caudimaculatus (Hensel, 1868) Caudo
Poecilia latipinna (Lesueur, 1821) Sailfin molly
Poecilia reticulata (Peters, 1860) Guppy
Xiphophorus hellerii Heckel, 1848 Swordtail

Freshwater. See McDowall (1996, 1990, 2011).

Order STEPHANOBERYCIFORMES Pricklefishes

Family Melamphaidae Bigscalefishes

Species recognised in 2015:
Melamphaes microps (Günther, 1878) Lumphead bigscale
Melamphaes polylepis Ebeling, 1962 Smooth-head bigscale
Melamphaes simus Ebeling, 1962 Pugnose bigscale
Melamphaes suborbitalis (Gill, 1883) Shoulderspine bigscale
Poromitra atlantica (Norman, 1929) Southern bigscale
Poromitra gibbsi Parin & Borodulina, 1989 Gibb's bigscale
Poromitra macrophthalma (Gilchrist, 1903) Wide-eye bigscale
Poromitra oscitans Ebeling, 1975 Tiny-eye bigscale
Scopelogadus beanii (Günther, 1887) Bean's bigscale
Scopelogadus mizolepis (Günther, 1878) Ragged bigscale
Sio nordenskjoeldii (Lönnberg, 1905) Bigscale

1993 *Melamphaes microps*
BIGSCALE FISH, CRUSTHEAD, MIDNIGHT FISH
Ebeling 1962: 33, 36, figs 43, 73
Whitley 1968a: 42
Ayling & Cox 1982: 172–173, fig.
Paulin & Stewart 1985: 32

Hine et al. 1987: 34
Paulin et al. 1989: 157, 258

1994 *Melamphaes polylepis*
Paulin & Stewart 1985: 32
Paulin et al. 1989: 157, 258

1995 *Melamphaes simus*
Ebeling 1962: 97, figs 61, 73
Whitley 1968a: 42
Paulin & Stewart 1985: 32
Paulin et al. 1989: 156, 258

1996 *Melamphaes suborbitalis*
Ebeling 1962: 33, 56, fig. 73
Whitley 1968a: 42
Paulin & Stewart 1985: 32
Paulin et al. 1989: 157, 258, fig. 88.6

1997 *Melamphaes* sp.
BIGSCALE FISH
Tracey et al. 1990: 34

1998 *Poromitra capito*
Paulin & Stewart 1985: 32
Paulin et al. 1989: 156, 258, fig. 88.4b

1999 *Poromitra oscitans*
DEEPSEA CRESTHEAD
Ayling & Cox 1982: 173, fig.
Hine et al. 1987: 34
Paulin et al. 1989: 156, 258, fig. 88.4a

2000 *Scopelogadus beani*
Paulin & Stewart 1985: 32

2001 *Scopelogadus beanii*
Ebeling & Weed 1963: 40, 58, fig. 20
Whitley 1968a: 41
Paulin et al. 1989: 156, 258

2002 *Scopelogadus mizolepis mizolepis*
Paulin & Stewart 1985: 32
Paulin et al. 1989: 156, 258

2003 *Sio nordenskjoldii*
BIGSCALE FISH
Ebeling & Weed 1963: 40
Whitley 1968a: 41
JFA 1972: *
Paulin & Stewart 1985: 32
Paulin et al. 1989: 156, 258, pl., p. [162b]
Roberts C 1991: 18

Family Stephanoberycidae Pricklefishes
Species recognised in 2015:
Acanthochaenus luetkenii Gill, 1884 Pricklefish

No pre-2000 references found.

Family Rondeletiidae Redmouth whalefishes
Species recognised in 2015:
Rondeletia loricata Abe & Hotta, 1963 Redmouth whalefish

2004 *Rondeletia loricata*
Paulin & Stewart 1985: 33
Paulin et al. 1989: 157, 258, fig. 89.1

Family Barbourisiidae Red whalefishes
Species recognised in 2015:
Barbourisia rufa Parr, 1945 Red whalefish

2005 *Barbourisia rufa*
RED WHALEFISH
Paulin & Stewart 1985: 33
Paulin et al. 1989: 158, 258, fig. 90.1, pl., p. [162b]

Family Cetomimidae Flabby whalefishes
Species recognised in 2015:
Ditropichthys storeri (Goode & Bean, 1895) Kermadec flabby whalefish
Gyrinomimus grahami Richardson & Garrick, 1964 Graham's flabby whalefish

2006 *Gyrinomimus grahami*
BLACK WHALE FISH
Richardson & Garrick 1964: 523–525, fig. 1
Abe et al. 1965: 62
Ayling & Cox 1982: 132, fig.
Paulin & Stewart 1985: 33

Paulin et al. 1989: 158, 258, fig. 91.1
Hardy 1990: 9
Roberts C & Paulin 1997: 216

2007 *Gyrinominus grahami*
BLACK WHALE FISH
Whitley 1968a: 42

Order BERYCIFORMES Alfonsinos & squirrelfishes

Family Anoplogastridae Fangtooth

Species recognised in 2015:
Anoplogaster cornuta (Valenciennes, 1833) Fangtooth

2008 *Anoplogaster cornuta*
FANGTOOTH
Woods & Sonada 1973: 387–394, figs 62–66
Ayling & Cox 1982: 176, fig.
Paulin & Stewart 1985: 32
Kotlyar 1986a: 142
Clark & King 1989: 52
Paulin et al. 1989: 154, 258, fig. 85.1, pl., p. [162b]
Tracey et al. 1990: 34
Roberts C 1991: 18

Family Diretmidae Discfishes

Species recognised in 2015:
Diretmichthys parini (Post & Quéro, 1981) Black discfish
Diretmus argenteus Johnson, 1864 Silver discfish

2009 *Campbellina aurea*
Fowler 1958: 15

2010 *Diretmoides parini*
BLACK DISCFISH, SPINYFIN
Robertson et al. 1984: 24
Davison & Van Berkel 1985: 149
Paulin & Stewart 1985: 32
Hine et al. 1987: 34
Kotlyar 1987: 12, fig. 2
Vlieg & Body 1988: 151–161
Clark & King 1989: 52
Paulin et al. 1989: 153, 258, figs 84.2b, 84.3b, pl., p. [162b]
Amaoka et al. 1990: 209, fig.
Tracey et al. 1990: 34
Paul 2000: 71, fig.

2011 *Diretmus argenteus*
DISCFISH, SILVER DISCFISH
Waite 1912c: 320
Phillipps 1927b: 26
Phillipps 1927c: 12
McCulloch 1929: 131
Norman 1930: 342–343
Scott E 1979: 108–110
Ayling & Cox 1982: 174, fig.
Paulin & Stewart 1985: 32
Kotlyar 1987: 3–7, fig. 2
Clark & King 1989: 52
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 153, 258, figs 84.2a, 84.3a
Amaoka et al. 1990: 210, fig.
Tracey et al. 1990: 34
Roberts C 1991: 18
McClatchie et al. 1997: 665

2012 *Diretmus aureus*
DISC FISH
Gunther 1887a: 45
Gill 1893: 114
Hutton 1904c: 45
Waite 1907: 26
McCulloch 1909: 321
Phillipps 1947: 45
Whitley 1956b: 404
Whitley 1968a: 44

2013 *Diretmus*
Waite 1911b: 188

2014 *Discus aureus*
Campbell 1879: 299, 1 fig.
Sherrin 1886: 301
Hutton 1890: 279
Goode & Bean 1895: 212
Hardy 1990: 9

Family Monocentrididae Pineapplefishes

Species recognised in 2015:
Monocentris japonica (Houttuyn, 1782) Pineapplefish

2015 *Cleidopus neozelanicus*
PINEAPPLE FISH
Powell 1938: 151–152, pl. 36
Powell 1941: 258
Whitley 1956b: 404
Whitley 1968a: 42

2016 *Monocentris japonicus*
PINEAPPLEFISH, PINECONE FISH
Macleay 1881: 510–511
Ayling & Cox 1982: 179–180, fig.
Paulin et al. 1989: 151, 257, fig. 82.1
Francis M 1996a: 50

2017 *Monocentrus japonicus*
Paulin & Stewart 1985: 31

Family Trachichthyidae Roughies

Species recognised in 2015:
Aulotrachichthys novaezelandicus Kotlyar, 1980 Phantom roughy
Gephyroberyx darwini (Johnson, 1866) Darwin's sawbelly
Hoplostethus atlanticus Collett, 1889 Orange roughy
Hoplostethus mediterraneus Cuvier, 1829 Silver roughy
Hoplostethus melanopeza Roberts & Gomon, 2012 New Zealand giant sawbelly
Optivus elongatus (Günther, 1859) Slender roughy
Paratrachichthys trailli (Hutton, 1875) Common roughy

2018 *Aulotrachichthys novaezelandicus*
Paulin & Stewart 1985: 31
Gomon & Kuiter 1987: 28
Paulin et al. 1989: 153, 257, fig. 83.4

2019 *Hoplostethus atlanticus*
ORANGE ROUGHY, RED ROUGHY
Francis R & Fisher 1979: 28, fig.
Paulin 1979: 69, 73–74, fig 3
Kerstan & Sahrhage 1980: 7, 54–57, fig. 49
Hayashi & Takagi 1980a: 459–463, fig.
Kotlyar 1980b: 195–197, figs 8, 9
Kotlyar & Lipskaya 1980: 89–92
Kotlyar 1981: 68–88, figs
Thompson 1981: 88
van den Broek et al. 1981: 138
van den Broek & Tracey 1981: 255–260, figs 1–3
Ayling & Cox 1982: 15, 175, fig.
Buisson et al. 1982: 390–395
Kotlyar & Lisovenko 1982: 62
Patchell 1982: 9
Last et al. 1983: 274, fig.
Merrett & Wheeler 1983: 571–572
Robertson & Grimes 1983: 15–20, figs 1–6
Sargent et al. 1983: 281–286
Kotlyar 1984: 34
Robertson et al. 1984: 4–27, figs 1–21
Francis RI 1984a: 61–71
Body 1985: 679–684
Fletcher et al. 1985: 235–241
Paul & Heath 1985: 57, pl. 21
Paulin & Stewart 1985: 31
James K et al. 1986: 219–223
Linkowski & Liwoch 1986: 43–59, figs
Liwoch & Linkowski 1986: 27–41, figs
Boyce et al. 1986: 4, 83–86, figs, *
Gauldie et al. 1986: 94
Paul 1986: 70, figs
Pavlov & Andrianov 1986: 159
Smith 1986a: 173–180, figs 1–2
Gauldie 1987: 267–274, figs 1–6
Hine et al. 1987: 34
Hurst & Bagley 1987: 7
Johnston & Savage 1987: 123–128
Pankhurst 1987a: 266
Pankhurst 1987b: 269–280, fig. 1
Pankhurst & Conroy 1987b: 295–300, figs 1–3
Pankhurst et al. 1987: 193–211, figs 1–3, 5, 7–9
Paulin 1987a: 4, fig.
Clark M 1988: 418
Fenaughty C et al. 1988: 5, 13, 20–21, 26, 31, 36, 42
Gauldie 1988a: 395–397, 400, figs 2–3
Gauldie 1988c: 140–146, figs 1–3
Gauldie & Nelson 1988: 501–509, figs
Hurst 1988: 7, 36
Lester et al. 1988: 137–143, fig. 1
Pankhurst & Conroy 1988: 262–273, figs 1–5
Rosecchi et al. 1988: 293–306
Stewart & Clark M 1988: 577
Vlieg 1988: 16, 20, 31, 42, 49
Vlieg & Body 1988: 151–161
Clark & King 1989: 5–6, 8, 12–14, 27–32, 44, 52–56, figs 6–12, 46–47
Conroy & Pankhurst 1989: 525–527
Dewees 1989: 132
Do & Coombs 1989: 225–237, figs 1–7
Fenaughty & Uozumi 1989: 5, 36–37
Gauldie et al. 1989: 127–140, figs 1–6
Hatanaka et al. 1989B: 7, 31
Horn & Massey 1989: 6
Kerstan 1989: 244–246
Ovenden et al. 1989: 1–9, figs 1–2
Paulin et al. 1989: 152, 257, pl., p. [162b]
Amaoka et al. 1990: 203–205, figs
Ballantine 1990: 28
Gauldie 1990a: 760–765, figs 1–3
Gauldie 1990b: 453–454, 456, fig. 2
Gauldie 1990c: 475–480
Gauldie & Nelson 1990a: 119
Gauldie & Nelson 1990b: 450, 454, 457, figs 4, 6–7
Grigor et al. 1990: 223–227, figs 1–2
Lester 1990: 856–857, 860, fig. 1
Mace et al. 1990: 105–119, figs 1–7
Phleger & Grigor 1990: 229–233, figs 1–4

Smith et al. 1990: 233, 235
Tracey et al. 1990: 5–34, figs 1–9
Murray 1990a: 741
Clark & Tracey 1991a: 1–20, figs
Clark & Tracey 1991b: 1–27, figs
Francis RI 1991: 143–148, figs 1, 3, 4
Gauldie [et al. 1991A]: 1, 21
Gauldie [et al. 1991B]: 677–708, figs 1–33
Roberts C 1991: 18
Robertson 1991: 38–48, figs 1–6
Savage 1991: 232
Smith et al. 1991: 309–316, fig. 1
Summers et al. 1991: 5
Baker et al. 1992: 561–567, figs 1–3
Bulman & Koslow 1992: 115–129
Elliot & Ward 1992: 1561–1571, figs
Francis RI 1992a: 922–930, figs 1–6
Francis RI 1992b: 1199
Paul 1992: 887–889
Campbell et al. 1993: 155–172, figs 1, 2
Clark & Tracey 1993: 1–30, figs
Gauldie 1993c: 1*
Gibson & Jones 1993: 495–500, figs 1, 2
Hilborn et al. 1993: 1122–1125
Paul et al. 1993: 117, fig.
Smolenski et al. 1993: 219–230, figs 1–4
Zeldis 1993a: 20
Zeldis 1993b: 871–878, 885–888, figs 6–10
Bonfil 1994: 62
Clark et al. 1994: 193–200, figs 1–4
Clark & Tracey 1994a: *
Clark & Tracey 1994b: 226–253, figs 1–6
Coburn & Doonan 1994: 1–48
Cordue & Francis 1994: 817–829, figs 1–7
Elliott et al. 1994: 621–627
Francis RI 1994: 223
Clark & Thomas 1994: *, figs
Grimes 1994: 1–36, figs
McMillan & Hart 1994a: *
McMillan & Hart 1994b: *
McMillan & Hart 1994c: *
Ward & Grewe 1994: 308, 315
West & Gauldie 1994: 2333–2340, figs 1, 2
Baker et al. 1995: 503–509, figs
Clark 1995: 251–266, figs 1–6
Creese & Cole 1995: 56
Francis RI 1995: 169–175, figs 1–4
Francis RI & Smith 1995: 581–587, figs 1–4
Gauldie et al. 1995: 76–102, figs 1–8
Haddon & Willis 1995: 19–27, figs 1–4
McMillan & Hart 1995: *
Whitehead & Ditchburn 1995: 399–408
Zeldis et al. 1995: 373–385, figs 1–8
Anderson O & Fenaughty 1996: 1–116, figs
Clark 1996b: 114–131, figs 1–3
Clark et al. 1996: *
Francis RI 1996: 783–786
Grimes 1996a: 1–31, figs
Grimes 1996b: 1–31, figs
Koslow 1996: 56–57, 61, fig. 1
McClatchie [et al. 1996A]: 780–791
Paulin et al. 1996: 34, fig.
Romanek & Gauldie 1996: 71–79
Sedberry et al. 1996: 325
Smith et al. 1996: 783–793, figs 1, 2
Xu et al. 1996: 31–48
Roberts C & Paulin 1997: 216
Coburn & Doonan 1997: 1–28
Francis R & Horn 1997: 681–687, figs 1–6
Gauldie & Coote 1997b: 486–487, figs 1, 2
Jerry 1997: 185, 187, 191
McClatchie et al. 1997: 666
Paul & Heath 1997b: 42, fig.
Probert et al. 1997: 27–40, fig. 1
Smith & Benson 1997: 197–214, figs 1–3
Smith et al. 1997: 800–811, figs 1–3
Tracey & Fenaughty 1997: 1–43, figs
Tracey et al 1997
Zeldis et al. 1997: 576–597, figs 1–10
Francis R & Clark 1998: 103–108, figs 1–4
Clark & Field 1998: 1–29, figs
Gauldie 1998: 97–109, figs 1–6
Gauldie & Cremer 1998: 543–546, figs 1, 2
Gauldie & Romanek 1998: 649–653, figs 1, 2
Hart & McMillan 1998: *
Horn et al. 1998: 187–194, figs 1–5
Jackson G et al. 1998: 56
Shaklee & Bentzen 1998: 603
Starr et al. 1998: 529–537
Zeldis et al. 1998: 159–174, figs 1–9
Clark 1999: 593–602
Clark & Anderson 1999: 1–25, figs
Francis M & Shallard 1999: 544
Gauldie 1999: 138–153, fig. 4
Imber 1999: 205, 207
McClatchie et al. 1999: 131–142
Moore & Paxton 1999: 2215, fig.
Smith 1999: 46
Tracey & Horn 1999: 67–86, figs 1–6
Turner et al. 1999: 407
West et al. 1999: 13
Clark et al. 2000: 217–238, figs 1–13
Clark et al. 2000: *
Gauldie & Cremer 2000: 989–991
Gilbert et al. 2000: 455, 459, fig. 6
Hine et al. 2000: 62, 83
McClatchie et al. 2000: 183–186, figs 1–3
McClatchie & Ye 2000: 1280–1285, figs 1–5
Paul 2000: 70, 224–225, 229, figs
Wetherbee 2000: 190
Wetherbee & Nichols 2000: 514

2020 *Hoplostethus elongatus*
LONG ROUGHY, ROUGHY, SLENDER ROUGHY
Waite 1912c: 319
Thomson & Anderton 1921: 74
Phillipps 1927b: 24
Phillipps 1927c: 12
Griffin 1928: 375–376, pl. 57
Whitley 1956b: 404

Whitley 1968a: 43
Russell 1969: 112
Russell 1971b: 84
Grace R 1973: 14
Doak 1974c: 1134–1135, fig.
Grace A 1974: 22
Grace R 1975: 97
Allen et al. 1976: 388
Grace A 1976: 103
Grace & Grace 1978: 134
Housley et al. 1981: 38
Thompson 1981: 18, 88, 89–90 (figs), 149, 304, 305, 312, 317, 319, 324
Ayling & Cox 1982: 21, 175

2021 *Hoplostethus gigas*
GIANT SAWBELLY
Paulin & Stewart 1985: 31
Paulin 1987a: 4, fig.
Paulin et al. 1989: 152–153, 257, pl., p. [162b]
Paulin et al. 1996: 34, fig.

2022 *Hoplostethus gilchristi*
McKnight 1972: 151–155, fig. 1
Mori et al. 1978: 363–367, fig. 1
JFA 1978: *
Smith 1986a: 173

2023 *Hoplostethus intermedius*
ROUGHY, SAW BELLY
Waite 1912c: 319
Phillipps 1927b: 24
Phillipps 1927c: 12
McCulloch 1929: 132
Whitley 1956b: 404
McAllister 1968: 104
Whitley 1968a: 43
Iwai et al. 1970: 8
Japan DSTA 1971: 66, *
Japan FSFRL 1972: 84, fig.
JFA 1972: *
McKnight 1972: 151–155
JAMARC 1975: 14, *
JFA 1978: *
Kakuda & Kitagawa 1979: 53–66, fig.
Kotlyar 1984: 36–38, fig. 4

2024 *Hoplostethus mediterraneus*
SAW[-]BELLY, SILVER ROUGHY
Shuntov 1971: 339
Shuntov 1979: 72, *
Paulin 1979: 69, 70, 74, 76, fig. 4
Kerstan & Sahrhage 1980: 153, fig. 158
Thompson 1981: 88
Kotlyar 1981: 79–88, figs
Ayling & Cox 1982: 15, 176, fig.
Last et al. 1983: 274–275, fig.
Sargent et al. 1983: 281–286
Robertson et al. 1984: 24
Paulin & Stewart 1985: 31
Paul & Heath 1985: 57, pl. 21
Gauldie et al. 1986: 94
Paul 1986: 71, fig.
Hine et al. 1987: 35
Paulin 1987a: 4, fig.
Roberts C 1987a: 158, 160
Clark M 1988: 418, 420
Gauldie 1988a: 395–397, fig. 4
Clark & King 1989: 12, 52, 56, figs 6–7
Fenaughty & Uozumi 1989: 36–37
Kerstan 1989: 241–247, figs 1–2
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 152, 257
Amaoka et al. 1990: 206, fig.
Hurst et al. 1990: 49
Tracey et al. 1990: 34
Roberts C 1991: 5, 18
Kotlyar & Pakhorukov 1992: 158–159
Paul 1992: 889
Paul et al. 1993: 117, fig.
Paulin et al. 1996: 34, fig.
McClatchie et al. 1997: 666
Paul & Heath 1997b: 43, fig.
Roberts C & Paulin 1997: 223
Jacob et al. 1998: 2126
Paul 2000: 71, fig.

2025 *Hoplostethus melanopus*
Amaoka et al. 1990: 207, fig.

2026 *Hoplostethus*
Gaskin & Cawthorn 1967: 156, 161–162, 165

2027 *Hoplostethus* sp.
Kashkina 1986: 60–61

2028 *Hoplostetus atlanticus*
ORANGE ROUGHY
Body 1982: 55–58

2029 *Optivus elongatus*
ELONGATE ROUGHY, LONG ROUGHY, SLENDER ROUGHY, VIOLET ROUGHY
McKnight 1972: 154
Nicholson 1979: 136
Paulin 1979: 69, 70, fig. 1
Willan et al. 1979: 451
Crossland 1981a: 22, fig. 19
Crossland 1982b: 25, 45
Ayling & Cox 1982: 21, 175, pl. 12
Kelly 1983: 122
Last et al. 1983: 275–276, fig.
Kotlyar 1984: 33
Paulin & Stewart 1985: 31
Paul & Heath 1985: 57, pl. 21
Paul 1986: 71, fig.
Roberts et al. 1986: 358
Francis M et al. 1987: 4, 8
Hardy et al. 1987: 244

Francis M 1988c: 21–22, pl. 20
Jones G 1988: 453
Paulin et al. 1989: 152, 258, fig. 83.3a
Doak 1991: 71, fig.
Paulin & Roberts 1992: 18, 134–135, figs 72a, b, pl. 27C, D
Paul et al. 1993: 117, fig.
Paulin & Roberts 1993: 199
Willis 1995: 67
Francis M 1996a: 42, 50
Francis M 1996b: 22 pl. 20
McClatchie et al. 1997: 667
Paul & Heath 1997a: 23, fig.
Enderby & Enderby 1998: 21, pl.
Taylor & Willis 1998: 257
Paul 2000: 71, fig.

2030 *Paratrachichthys novaezelandicus*
Kotlyar 1980a: 309–312
Gon 1983: 293, 297

2031 *Paratrachichthys prastemius*
Leont'eva et al. 1974: 118

2032 *Paratrachichthys trailii*
ROUGHY, SANDPAPER FISH
Thomson G 1913: 229
Graham D 1938: 406
Whitley 1956c: 404
Parrott 1960: 88–89, fig. 29

2033 *Paratrachichthys trailli*
COMMON ROUGHY, PINK-FINNED ROUGHY, ROUGHY, SANDPAPER FISH
Waite 1899c: 65–66
McCulloch 1929: 132
Shuntov 1971: 339
Japan, DSTA 1971: 66, *
Hewitt & Hine 1972: 92
McKnight 1972: 154
JFA 1972: *
Doak 1974e: 1134–1135
Robertson 1975c: 6–7, fig. 3
JAMARC 1975: 14, *
Wei et al. 1976: 57
JFA 1978: *
Shuntov 1979: 72, *
Paulin 1979: 69, 70, 73, fig. 2
Kotlyar 1979: 139
Francis M 1979: 66
Kotlyar 1980a: 311–312
Scott E 1981: 124–125
Thompson 1981: 88
Crossland 1982b: 25
Edgar et al. 1982: 42, pl. 27
Ayling & Cox 1982: 174–175, pl. 11
Paul et al. 1983: 12
Gon 1983: 293
Paul & Heath 1985: 57
Paulin & Stewart 1985: 31
Hardy 1986c: 27
Paul 1986: 71, fig.
Francis M 1988c: 22, pl. 21
Paulin et al. 1989: 152–153, 258, pl., p. [162b]
Amaoka et al. 1990: 208, fig.
Jones & Cabral 1990: 229
Roberts C 1991: 18
Paulin & Roberts 1992: 133–134, figs 71a, b, pl. 27A, B
Paul et al. 1993: 107, fig.
Paulin & Roberts 1993: 197
Francis M 1996a: 50
Francis M 1996b: 22, pl. 21
Paulin et al. 1996: 34, fig.
Hickford et al. 1997: 252
McClatchie et al. 1997: 667
Paul & Heath 1997a: 23, fig.
Horwood et al. 1998: 23, *
Jacob et al. 1998: 2126, 2138
Paulin & Roberts 1998: 170
Ryan & Paulin 1998: 131
Hickford & Schiel 1999: 296
Hine et al. 2000: 48
Paul 2000: 71, fig.

2034 *Paratrachichthys traillii*
ROUGHY, SANDPAPER FISH
Waite 1907: 19
Waite 1911b: 187
Regan 1914c: 16
Phillipps 1927: 24
Phillipps 1927c: 12
Whitley & Phillipps 1939: 231
Graham D 1956: 176–7, one fig.
Doogue & Moreland 1961: 212–213, one fig.
Graham J 1963: 168
Heath & Moreland 1967: 38, fig. 62
Natusch 1967: 215, fig. 64
Whitley 1968a: 43
van den Broek et al. 1984: *
Hardy et al. 1987: 244
Hurst & Bagley 1987: 12–15, 22, 39, 41–42, 44
Paulin 1987a: 4, fig.
Clark & King 1989: 52, 56
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989B: 31
van Heezik 1989: 152
Hurst et al. 1990: 49

2035 *Paratrachicthys trailli*
Jones & Cabral 1990: 221, 229

2036 *Paratrachyichthys trailii*
Thomson & Anderton 1921: 74

2037 *Paratrichthys trailii*
Thomson G 1932: 23

2038 *Paratrachichthys*
ROUGHY
Tong & Elder 1968: 64, 66

2039 *Trachichthys elongatus*
LONG ROUGHY
Gunther 1859: Vol. 1, 10
Hutton 1872: 12
Hector 1875a: 246
Hutton 1875b: 315
Hutton 1876: 212
Macleay 1881b: 512
Sherrin 1886: 300
Gunther 1887a: 22–23, pl. 5
Gill 1893: 114
Waite 1899c: 64
Waite 1907: 19
Thomson G 1913: 229

2040 *Trachyichthys elongatus*
Hutton 1890: 278
Waite 1898: 34, fig.
Hutton 1904c: 43

2041 *Trachichthys intermedius*
Hector 1875a: 245–246, pl.11
Hector 1875b: 492
Hector 1875c: 78–79
Gunther 1880a: 26, 77
Sherrin 1886: 300
Gunther 1887a: 24, pl. 5
Gill 1893: 114
Goode & Bean 1895: 519
Waite 1907: 19
Roberts C & Paulin 1997: 223

2042 *Trachichthys*
Gunther 1880b: 285, 282, 422
Murray 1895: 599

2043 *Trachichthys traili*
Gon 1983: 293

2044 *Trachichthys trailii*
Gill 1893: 114

2045 *Trachichthys trailli*
Arthur 1885: 162–163, pl. 14
Hutton 1875a: 133
Hutton 1875b: 315
Hutton 1876: 212
Sherrin 1886: 300
Gunther 1887a: 23–24, pl. 55
Goode & Bean 1895: 58
Hutton 1896: 314
Russell 1996: 215, 220, 225

2046 *Trachyichthys intermedius*
Hutton 1890: 278
Hamilton A 1896: 12
Hutton 1904c: 43

2047 *Trachyichthys trailli*
Hutton 1890: 278

2048 *Trachyichthys trailii*
Hutton 1904c: 43
Thomson G 1906: 550

2049 ORANGE ROUGHIE
Dayton et al. 1995: 213

2050 ORANGE ROUGHY
Struik 1983: 217–218
Clark 1991: 223–229, figs 1–9
Coote et al. 1991: *, figs 4, 5
Savage 1992: 15, 18
Clark 1996a: 1 p.
Clark 1996c: 8

2051 ROUGHEY, ROUGHY
Graham D 1939a: 424
Moreland 1959: 29
Doak 1974n: 1497
Doak 1974s: 1590
Doak 1975a: 1742

Family Berycidae Alfonsinos

Species recognised in 2015:
Beryx decadactylus Cuvier, 1829 Longfinned beryx
Beryx splendens Lowe, 1834 Alfonsino
Centroberyx affinis (Günther, 1859) Golden snapper

2052 *Actinoberyx longipinnis*
Stephenson 1971: 237, fig. 3

2053 *Austroberyx affinis*
GOLDEN SNAPPER
Waite 1912c: 318
Phillipps 1921a: 121
Phillipps & Hodgkinson 1922: 95
Phillipps 1947: 43

2054 *Beryx affinis*
NANNYGAI
Hector 1877a: 466, pl. 9
Hector 1877b: 341
Sherrin 1886: 68–70, 300
Hutton 1890: 278
Gill 1893: 114
Waite 1898: 38
Hutton 1904c: 43

Waite 1907: 18
Zietz 1909: 266

2055 *Beryx decadactylus*
LONG[-]FINNED BERYX, RED BREAM
Thompson 1981: 88
Busakhin 1982: 6, 17, fig. 6
Ayling & Cox 1982: 178–179, fig.
Paulin & Stewart 1985: 32
Paul 1986: 72
Paulin 1987a: 3, fig.
Clark & King 1989: 52
Horn & Massey 1989: 7
Paulin et al. 1989: 154–155, 258, fig. 86.3
Amaoka et al. 1990: 211, fig.
Annala et al. 1991: 326
Paulin et al. 1996: 8, fig.
McClatchie et al. 1997: 665
Paul & Heath 1997b: 44
Jacob et al. 1998: 2126
Paul 2000: 72, 217

2056 *Beryx hexadactylus*
Shuntov 1979: 72, *

2057 *Beryx splendens*
ALFONSINO
Moreland 1956: 9, fig. 1
Whitley 1968a: 42
Iwai et al. 1970: 7, pl. 1
Japan DSTA 1971: 65, *
Anon 1972: 7
Japan FSFRL 1972: 84, fig.
JFA 1972: *
Woods & Sonada 1973: 286–290, figs 9–11
JAMARC 1975: 14, *
JAMARC 1976: 21, *
Fenaughty & O'Sullivan 1978: 146
JFA 1978: *
Korea FRDA 1978: 65, *
Francis M 1979: 67
Francis R & Fisher 1979: 27, fig.
JAMARC 1979: 18, *
Shuntov 1979: 72, *
Kerstan & Sahrhage 1980: 142–143, fig. 146
Thompson 1981: 88
Ayling & Cox 1982: 178, fig.
Busakhin 1982: 7, 17, fig. 6
Vlieg 1983: 233–235
Robertson et al. 1984: 24
Vlieg 1984a: 99–104
Paulin & Stewart 1985: 32
Paul 1986: 72, figs
Smith 1986a: 173
Hine et al. 1987: 35
Hurst & Bagley 1987: 11, 13, 22, 42, 44, fig. 19
Paulin 1987a: 2, fig.
Fenaughty C et al. 1988: 11, 20–21, 26, 31, 33
Clark M 1988: 418
Vlieg 1988: 15, 19, 23, 39, 48
Horn 1988: 369
Clark & King 1989: 5, 8–9, 12, 21–23, 31, 44–45, 52–56, figs 7, 30–33
Horn & Massey 1989: 5–32, figs
Fenaughty & Uozumi 1989: 13, 17, 36–37, fig. 23
Hatanaka et al. 1989B: 31
Horn 1989: 5–15, figs 1–5
Paulin et al. 1989: 154–155, 258, figs 86.1, 86.4
Amaoka et al. 1990: 211, fig.
Gauldie & Nelson 1990b: 450–454, 457, figs 1–2, 6
Hurst et al. 1990: 49
Massey & Horn 1990: 121–136, figs 1–10
Murray 1990a: 741, 745
Annala 1991: 72–73
Annala et al. 1991: 326
Roberts C 1991: 18
Paul 1992: 889
Sin et al. 1992: 469, 470, 472
Francis RI 1994: 223
Gauldie 1995: 107–129, figs 1–11
Paulin et al. 1996: 7, fig.
McClatchie et al. 1997: 665
Paul & Heath 1997b: 44, fig.
Gauldie et al. 1998: 551–556, figs 1–4
Jacob et al. 1998: 2126
Gauldie & Cremer 2000: 989
Hine et al. 2000: 45
Hoarau & Borsa 2000: 315–325, figs 1–3
Paul 2000: 72, 217–218, figs

2058 *Centroberyx affinis*
GOLDEN SNAPPER, NANNYGAI, RED SNAPPER
Graham D 1956: 175–177, one fig.
Whitley 1956b: 404
Whitley 1968a: 43
Russell 1971b: 84
Grace A 1974: 24
JFA 1977: 127, 129
Francis M 1979: 67
Scott E 1981: 111
Ayling & Cox 1982: 177, pl. 11
Boldyrev et al. 1981: 89
Busakhin 1982: 12, 17, fig. 12
Kelly 1983: 57, 122
Paulin & Stewart 1985: 32
Marsh 1986: 146–147, 153
Roberts et al. 1986: 359
Francis M et al. 1987: 4, 8
Hardy et al. 1987: 244
Hine et al. 1987: 35
Paulin 1987a: 3, fig.
Clark M 1988: 418
Francis M 1988c: 22, pl. 23
Paulin et al. 1989: 154–155, 258, fig. 86.2, pl., p. [162b]
Amaoka et al. 1990: 212, figs
OECD 1990: 218
Doak 1991: 70, figs
Francis M 1991: 208
Paul 1992: 889
Paul et al. 1993: 107, fig.

Willis 1995: 60, 62, 67
Francis M 1996a: 42, 50
Francis M 1996b: 22, pl. 23
Paulin et al. 1996: 7, 8, 42, fig.
Paul & Heath 1997b: 45, fig.
Paulin 1998: 56, fig.
Paulin & Roberts 1998: 167
Paxton 1999: 2223, fig.
Leach & Davidson 2000b: fig. 1

2059 *Hoplopteryx affinis*
Norman 1935: 3

2060 *Hoplopteryx*
Woodward 1917: 341, pl. XXI figs 1, 22a, b [Fossil]

2061 *Trachichthodes affinis*
GOLDEN SNAPPER, RED SNAPPER
Waite 1913: 215
Phillipps 1927b: 24
Phillipps 1927c: 12
Graham D 1938: 406
Phillipps 1949c: 24–25, one fig.
Parrott 1957: 50–51, one fig.
Doogue & Moreland 1961: 211–213, one fig.
Graham J 1963: 168
Anon. 1965: 17, fig. 44
McLintock 1966: (3) 709
Heath & Moreland 1967: 36, fig. 59
Tong & Elder 1968: 64, 66
Grace R 1975: 97
Paul 1986: 73, fig.
Paul 2000: 72, fig., 218

2062 *Trachichthodes*
Natusch 1967: 215, fig. 64

2063 ALFONSINO
Boyce et al. 1986: 4, *

2064 GOLDEN SNAPPER
Doak 1974s: 1590
Doak 1975a: 1742
Leachman et al. 1978: 2

2065 RED SNAPPER
McCulloch 1929: 131
Moreland 1959: 29
Sorenson 1970: 45
Doak 1971b: 106, pl. 51
Japan DSTA 1971: 65, *
Shuntov 1971: 339
Grace R 1973: 14
Doak 1974e: 1134–1135, fig.
Paul 1974b: 671, fig.
Ritchie et al. 1975: 2
Nicholson 1979: 136
Shuntov 1979: 71, *
Willan et al. 1979: 451
Housley 1980: 88
Housley et al. 1981: 38
Thompson 1981: 18, 88, 91–92 (figs), 314
Ayling & Cox 1982: 177
Paul et al. 1983: 12
Bradford 1999a: *, fig. 24

Family Holocentridae Squirrelfishes
Species recognised in 2015:
Myripristis berndti Jordan & Evermann, 1903 Bigscale soldierfish
Pristilepis oligolepis (Whitley, 1941) Rough squirrelfish

2066 *Myripristis berndti*
Francis M 1991: 217, fig. 40
Francis M 1996a: 50

2067 *Pristilepis oligolepis*
Francis M et al. 1987: 4, 6
Paulin et al. 1989: 155, 258, fig. 87.1
Francis M 1996a: 50

Order ZEIFORMES Dories

Family Zeidae Dories
Species recognised in 2015:
Zenopsis nebulosus (Temminck & Schlegel, 1845) Mirror dory
Zeus faber Linnaeus, 1758 John dory

2068 *Xenopsis nebulosus*
DORY
Moreland 1959: 29

2069 *Zenopsis nebulosa*
Gregory 1969: 243
JFA 1978: *
Korea, FRDA 1978: 65, *
Amaoka et al. 1990: 217, fig.

2070 *Zenopsis nebulosas*
MIRROR DORY
Phillipps 1927b: 25

2071 *Zenopsis nebulosus*
MIRROR DORY, SILVER DORY
Phillipps & Hodgkinson 1922: 91, 95
Griffin 1923: 256, pl. 26
Phillipps 1927c: 12
McCulloch 1929: 136
Whitley 1956b: 404
Robinson 1959a: 150
Anon. 1965: 15, fig. 17
Tong & Elder 1968: 64, 66
Whitley 1968a: 43
Sorenson 1970: 20, 36, 44, 53
Hewitt & Hine 1972: 99–100
JFA 1972: *
Watkinson & Smith 1972: 41
Webb 1972b: 6, 11, 17
JAMARC 1975: 14, *
Robertson 1975c: 15
JFA 1977: 127
Francis M 1979: 67
Shuntov 1979: 72, *
Heemstra 1980: 12
Thompson 1981: 94
Ayling & Cox 1982: 181, fig.
Last et al. 1983: 287, fig.
Paulin & Stewart 1985: 33
Paul & Heath 1985: 65, pl. 25
Paul 1986: 75, fig.
Hardy et al. 1987: 244
Paulin 1987a: 5, fig.
Clark M 1988: 418
Clark & King 1989: 52
Paulin et al. 1989: 160, 258
OECD 1990: 175
Paul et al. 1993: 121, fig.
Paulin et al. 1996: 25, fig.
Paul & Heath 1997b: 47, fig.
Paulin & Roberts 1998: 167
Hine et al. 2000: 51
Paul 2000: 75, fig.

2072 *Zens faber*
JOHN DORY
Ayson 1924: 8

2073 *Zeus australis*
JOHN DORY
Graham D 1956: 178–183, one fig.
Whitley 1956b: 404
Parrott 1957: 52–55, one fig.
Parrott 1960: 50
Whitley 1968a: 43
Russell 1969: 111
Grace R 1971: 133
Russell 1971b: 83
Russell 1975: 305
JFA 1977: 127
Grace & Grace 1978: 134
Francis M 1979: 67
Nicholson 1979: 136
Willan et al. 1979: 451
Pilgrim 1985: 30

2074 *Zeus faber*
DORY, JOHN DORY,
Hector 1872: 111–112, pl. 4
Hutton 1872: 18
Gunther 1880b: 286, 281, 451
Hector 1884b: 54
Hector 1886a: 28
Sherrin 1886: 48–50, 301
Hutton 1890: 279
Thomson G 1892: 209
Gill 1893: 115
Hutton 1904c: 45
Waite 1907: 25
Benham 1909a: 80
Waite 1911b: 164, 188–190
Phillipps 1918: 271
Phillipps 1921a: 121, 125
Thomson & Anderton 1921: 27, 71
Phillipps & Hodgkinson 1922: 95
Phillipps 1927b: 25
Phillipps 1927c: 12
McCulloch 1929: 136
Phillipps 1930: 497–498
Norman 1935: 3
Hefford 1936: 72
Graham D 1938: 406
Graham D 1939b: 365
Phillipps 1947: 45, 48
Phillipps 1948: 128–129
Phillipps 1949c: 25–26, one fig.
Powell 1951: 66, fig. 314
Manter 1954: 559
Cassie 1956a: 712
Graham D 1956: 179
Kaberry 1957: 90
Moreland 1959: 29
Robinson 1959a: 146
McKenzie 1970: 45, 47
Meglitsch 1960: 293
Graham J 1963: 168
Tunbridge 1966a: 4–5, 8, 10–11, figs 2, 7
Gaskin & Cawthorn 1967: 156, 159–160, 165
Shuntov 1970: 373
Hewitt & Hine 1972: 100
Grace R 1973: 14
Grace A 1974: 22
Grace R 1975: 99
Scott E 1975: 137
Grace A 1976: 103
Shuntov 1979: 70, *
Heemstra 1980: 9, pl. 2
Kawahara 1980: *
Nicholson & Roberts 1980: 142
Shuntov et al. 1980: 35
Housley et al. 1981: 38
Thompson 1981: 18, 94, 95–96 (figs), 293, 297, 299, 305, 311, 313, 317, 320, 324

Boldyrev et al. 1981: 91
Crossland 1982b: 25, fig. 23
Korotaeva 1982: 464
Bradstock & Gordon 1983: 159
Last et al. 1983: 289–290, fig.
Paul et al. 1983: 7–8, 12
Paulin & Stewart 1985: 33
Pilgrim 1985: 36
Paul 1986: 74, figs
Roberts et al. 1986: 358
Hardy et al. 1987: 244
Hine et al. 1987: 35
Paulin 1987a: 5, fig.
Fenaughty C et al. 1988: 12, 41
Francis M 1988c: 22, pl. 24
Jones G 1988: 453–454
Clark M 1988: 418
Paulin et al. 1989: 160, 258, fig. 93.3b
Amaoka et al. 1990: 218, fig.
Cole et al. 1990: 204
Hurst et al. 1990: 49
Jones J 1990b: 21
OECD 1990: 145
Doak 1991: 76, figs
Roberts C 1991: 11
Paul 1992: 889
Paulin & Roberts 1992: 109–110, figs 55a, b, pl. 23A
Savage 1992: 13
Harris T 1993: 70
Paul et al. 1993: 91, fig.
Paulin & Roberts 1993: 197
Hine & Jones 1994: 54
Willis 1995: 67
Francis M 1996a: 45, 50
Francis M 1996b: 22–23, pl. 24
Paulin et al. 1996: 25, fig.
Hickford et al. 1997: 252
Leach 1997: * figs
Leach [et al. 1997A]: 60, 61, 62
McClatchie et al. 1997: 667
Paul & Heath 1997a: 24, fig.
Enderby & Enderby 1998: 14, pl.
Horwood et al. 1998: 22, *
Jacob et al. 1998: 2126
Paulin 1998: 30, fig.
Paulin & Roberts 1998: 167
Taylor & Willis 1998: 257, 258, figs 1, 2
Turner et al. 1999: 405
Hine et al. 2000: 39
Leach & Davidson 2000b: fig. 1
Paul 2000: 74, 212, figs

2075 *Zeus japoicus*
Wei et al. 1976: 57, fig.

2076 *Zeus japonicas*
JAMARC 1972: 11, *

2077 *Zeus japonicus*
JOHN DORY, ST PETER'S FISH
Doogue & Moreland 1961: 213–214, one fig.
Anon. 1965: 15, fig. 16
McLintock 1966: (3) 708
Powell 1966: (2)189–90, one fig.
Heath & Moreland 1967: 36, fig. 57
Tong & Elder 1968: 64, 66
Godfriaux 1970a: 248–266
Godfriaux 1970b: 325–336
Sorenson 1970: 5, 20, 30, 36, 44, 53, fig. 12
Japan DSTA 1971: 64, *
Watkinson & Smith 1972: 40–41, 74
Webb 1972b: 3, 7, 9, 13, 14, 16
JAMARC 1975: 14, *
Robertson 1975c: 15
Scott E 1975: 137
Ayling 1978: 66, 70–71, 79–83, 85–86, 88, 91
Korea FRDA 1978: 65, *
Crossland 1981a: 23
Ayling & Cox 1982: 15, 16, 87, 180–181, pl. 12
Gunson 1983: 185, figs
Kelly 1983: 122
Russell 1983: 124–125
Pilgrim 1985: 36
Vlieg 1985b: 181–185
Andrews 1986: 12
Tracey & van den Broek 1987: 122, 124, 128–130, 134, fig. 4.3
Vlieg 1988: 16, 20, 29, 41, 48
Vlieg & Body 1988: 151–161
Leach & Boocock 1993: *
Anderson A 1997: 4, 5, 6, 10, 12

2078 *Zeus nebulosus*
Shuntov 1971: 342

2079 *Zeus novae-zealandiae*
Arthur 1885: 163–165, pl. 14
Sherrin 1886: 49, 301
Hutton 1890: 279

2080 *Zeus*
Hector 1877a: 465
Waite 1911d: 26
Natusch 1967: 215, fig. 64

2081 DORY
Richardson J 1842d: 73
Taylor 1870: 625
Hector 1872: 101, 112
Sherrin 1886: 7, 13, 39
Archey 1927: 203

2082 JOHN DORY
Polack 1838: 323
Polack 1840: 202
Richardson J 1843c: 170–172
Hector 1872: 100
Sherrin 1886: 1

Thomson G 1892: 203–204
Waite 1911c: 265
Hefford 1929: 58–59
Young 1935: 30
Graham D 1939a: 423–424
Dickinson 1958: 15
Paul 1966c: (1) 678
Doak 1974n: 1497
Doak 1974o: 1497-1498, figs
Doak 1975a: 1741-1742, fig.
Paul 1983: 48
Struik 1983: 215
Bradstock 1985: 41
Boyce et al. 1986: 4, *
Clark I et al. 1988: 328
Pankhurst & Pankhurst 1989: 33
Bradford 1999a: *, fig. 18

2083 MIRROR DORY
Parrott 1957: 52
Doogue & Moreland 1961: 214

2084 SILVER DORY
Graham D 1939a: 423–424, 433

Family Grammicolepididae Tinselfishes

Species recognised in 2015:
Grammicolepis brachiusculus Poey, 1873 Thorny tinselfish
Macrurocyttus acanthopodus Fowler, 1934 Dwarf dory
Xenolepidichthys dalgleishi Gilchrist, 1922 Tinselfish

2085 *Grammicolepis brachiusculus*
THORNY TINSELFISH
Amaoka et al. 1990: 225, fig.

2086 *Xenolepidichthys dalgleishi*
TINSELFISH
Paulin et al. 1989: 162, 258, fig. 95.1, pl., p. [178a]

Family Parazenidae Slender dories

Species recognised in 2015:
Cyttopsis rosea (Lowe, 1843) Rosey dory

2087 *Cyttopsis rosea*
RED DORY, ROSY DORY
Amaoka et al. 1990: 214, fig.

2088 *Cyttopsis roseus*
ROSE(Y) DORY
Clark M 1988: 418, 420
Stewart & Clark M 1988: 577, 579–580, fig. 3
Paulin et al. 1989: 160, 258, pl., p. [178a]

2089 *Cyttopsis*
ROSY DORY
Clark & King 1989: 52

Family Cyttidae Cyttid dories

Species recognised in 2015:
Cyttus novaezealandiae (Arthur, 1885) Silver dory
Cyttus traversi Hutton, 1872 Lookdown dory

2090 *Capros australis*
Richardson J 1842d: 73
Richardson & Gray 1843: 211

2091 *Capros*
Gill 1893: 123

2092 *Cyttoidops maccullochi*
SILVER DORY
Iwai et al. 1970: 8
Japan, DSTA 1971: 66, *
Shuntov 1971: 339, 342
JAMARC 1972: 11, *
Korea, FRDA 1978: 65, *
Korotaeva 1982: 464

2093 *Cyttoidops mcculochi*
Shuntov 1979: 72, *

2094 *Cyttoidops ventralis*
Stephenson 1971: 236

2095 *Cyttus abbreviatus*
Hector 1877a: 465
Clarke 1878: 243
Gunther 1880a: 26, 77
Sherrin 1886: 301
Gunther 1887a: 42–43, pl. 10
Hutton 1890: 279
Hamilton A 1896: 12
Roberts C & Paulin 1997: 223

2096 *Cyttus australis*
BOAR-FISH, SILVER DORY
Hector 1872: 112, pl. 5
Hutton 1872: 19
Hector 1884b: 54

Arthur 1885: 164
Hector 1886a: 28
Sherrin 1886: 13, 301
Hutton 1890: 279
Gill 1893: 115, 123
Hutton 1904c: 45
Waite 1907: 25
Waite 1911b: 188, 192
Phillipps 1927b: 25
Phillipps 1927c: 12
McCulloch 1929: 135
Graham D 1938: 406
Graham D 1939b: 365
Manter 1954: 504–506, 513–514, 543–545, 545–549, 558
Graham D 1956: 181–2, one fig.
Whitley 1956b: 404
Meglitsch 1960: 293
Tong & Elder 1968: 64, 66
Whitley 1968a: 44
Hewitt & Hine 1972: 83
Avdeev 1978: 281
Fenaughty & O'Sullivan 1978: 146
Heemstra 1980: fig. 5
Kerstan & Sahrhage 1980: 154–155, fig. 160
Thompson 1981: 94

2097 *Cyttus novae[-]zealandiae*
BOARFISH, SILVER DORY
Hutton 1904c: 45
Thomson G 1906: 550
Waite 1907: 25
Waite 1911b: 188, 190–192, pl. 32
Phillipps 1921a: 121
Thomson & Anderton 1921: 79
Phillipps 1927b: 25
McCulloch 1929: 135
Young 1929: 142
Graham D 1938: 406
Phillipps 1949c: 26–27, one fig.
Manter 1954: 548–549, 558
Graham D 1956: 182–183, one fig.
Robinson 1959a: 147
Whitley 1968a: 44
Wei et al. 1976: 1–101, fig.
Avdeev 1978: 281
Korotaeva 1982: 464
Paulin & Stewart 1985: 33
Hatanaka et al. 1989B: 31
Hine et al. 2000: 61, 82

2098 *Cyttus novaezeelandiae*
McAllister 1967: 110

2099 *Cyttus novaezelandiae*
PINK DORY, SILVER DORY
Gill 1893: 115, 123
Phillipps 1927c: 12
Graham D 1939b: 365
Whitley 1956b: 404
Parrott 1957: 52–53, 56–57, one fig.
Meglitsch 1960: 293
Graham J 1963: 168
Tong & Elder 1968: 64, 66
Hewitt & Hine 1972: 83
JFA 1972: *
JAMARC 1975: 14, *
Scott E 1975: 137
Wei et al. 1976: 57, fig.
Taiwan FRI 1978: *
Francis M 1979: 67
Heemstra 1980: fig. 5
Grabda & Ślósarczyk 1981: 91
Ayling & Cox 1982: 182, pl. 12
Last et al. 1983: 285, fig.
Paul et al. 1983: 12
van den Broek et al. 1984: *
Vlieg 1984b: 427–434
Paul & Heath 1985: 65
Pilgrim 1985: 30
Paul 1986: 75, fig.
Hurst & Bagley 1987: 42
Paulin 1987a: 5
Clark M 1988: 418, 420
Vlieg 1988: 17, 21, 35, 43, 49
Vlieg & Body 1988: 151–161
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989A: 51
Paulin et al. 1989: 160, 258, fig. 93.4b
Amaoka et al. 1990: 215, fig.
Hurst et al. 1990: 49
OECD 1990: 257
Roberts C 1991: 18
Sin et al. 1992: 469
Paulin et al. 1996: 25
McClatchie et al. 1997: 665
Paul & Heath 1997b: 47, fig.
Jacob et al. 1998: 2126
Paulin & Roberts 1998: 167
Paul 2000: 75, fig.

2100 *Cyttus traversi*
KING DORY, LOOKDOWN DORY
Hutton 1872: 19–20
Hutton 1873b: 261, pl. 9
Sherrin 1886: 301
Hutton 1890: 279
JAMARC 1976: 21, *
James G.D. 1976b: 493–498, fig. 1, 2
JFA 1978: *
JAMARC 1979: 18, *
Heemstra 1980: 8, pl. 1
Kerstan & Sahrhage 1980: 78–84, fig. 75
JAMARC 1981a: 21, *
Ayling & Cox 1982: 15, 183, fig.
Trunov 1982b: 14–15
Last et al. 1983: 286, fig.
Vlieg 1983: 233–235
Robertson et al. 1984: 24
van den Broek et al. 1984: *

Paulin & Stewart 1985: 33
Paul & Heath 1985: 65, pl. 25
Paul 1986: 73, figs
Hine et al. 1987: 36
Hurst & Bagley 1987: 13–14, 42, 44
Paulin 1987a: 5, fig.
Stephenson 1987: 135
Fenaughty C et al. 1988: 12, 41
Vlieg 1988: 16, 20, 30, 42, 49
Clark & King 1989: 8–9, 12–13, 19–20, 28, 44, 52–56, figs 6–7, 22–25
Fenaughty & Uozumi 1989: 13, 17, 26, 36–37, figs 22, 38
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 13, 31, fig. 16
Paulin et al. 1989: 160, 258, fig. 93.4a
Amaoka et al. 1990: 216, figs
Hurst et al. 1990: 34, 37, 49
OECD 1990: 164
Tracey et al. 1990: 34
Roberts C 1991: 18
Paul et al. 1993: 121, fig.
Paulin et al. 1996: 25, fig.
Russell 1996: 225
McClatchie et al. 1997: 665
Paul & Heath 1997b: 48, fig.
Jacob et al. 1998: 2126, 2137
Hine et al. 2000: 61, 83
Paul 2000: 73, 227, figs

2101 *Cyttus traversii*
LOOKDOWN DORY
Thompson 1981: 94

2102 *Cyttus ventralis*
James 1976a: 493

2103 *Cyttus*
Clarke 1878: 245
Gunther 1880b: 286, 281, 451–452
Waite 1912b: 200
Natusch 1967: 216

2104 *Cyttus* sp.
Freeman 1998: 38

2105 *Rhombocyttus traversi*
HORSEHEAD
Gill 1893: 115, 123
Hutton 1904c: 45
Waite 1907: 26
Phillipps 1927b: 25
Phillipps 1927c: 12
Graham D 1938: 406
Graham D 1956: 183–185, one fig.
Whitley 1956b: 404
Whitley 1968a: 44

2106 *Rhombocyttus*
Waite 1911b: 188

2107 LOOKDOWN DORY
Boyce et al. 1986: 4, *

2108 RED DORY
Dickinson 1958: 15

Family Zeniontidae Armoureye dories

Species recognised in 2015:
Capromimus abbreviatus (Hector, 1875) Capro dory
Zenion sp. Elongate dory

2109 *Capromimus abbreviatus*
CAPRO DORY, ROUGH DORY
Gill 1893: 115, 123
Hutton 1904c: 45
Waite 1907: 26
Waite 1911b: 192–194, pl. 33
Phillipps 1927b: 26
Phillipps 1927c: 12
Whitley 1956b: 404
McAllister 1968: 110
Whitley 1968a: 44
Hewitt & Hine 1972: 80
Francis M 1979: 67
Ayling & Cox 1982: 182, fig.
Paul et al. 1983: 8, 12
Paulin & Stewart 1985: 33
Paul & Heath 1985: 65, pl. 25
Paul 1986: 75, fig.
Clark & King 1989: 52, 56
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 160, 258, pl., p. [178a]
Amaoka et al. 1990: 213, fig.
Roberts C 1991: 4, 18
Paul et al. 1993: 121, fig.
McClatchie et al. 1997: 665
Paul & Heath 1997b: 46, fig.
Roberts C & Paulin 1997: 223
Jacob et al. 1998: 2126
Hine et al. 2000: 45
Paul 2000: 75, fig.

2110 *Cyttomimus abbreviatus*
JFA 1978: *

2111 *Platystethus abbreviatus*
Hector 1875a: 247–248, pl. 11
Hector 1875b: 492
Hector 1875c: 79–80

Sherrin 1886: 301
Hutton 1890: 279
Gill 1893: 123

2112 *Zenion leptolepis*
ELONGATE(D) DORY, ZENION DORY
Stephenson 1971: 236–237, fig. 2
Ayling & Cox 1982: 182, fig.
Kelly 1983: 122
Paulin & Stewart 1985: 33
Paul 1986: 75, fig.
Clark & King 1989: 52
Paulin et al. 1989: 159, 258, fig. 92.1
Paul 2000: 75, fig.

2113 *Zenion* sp.
ELONGATE DORY
JFA 1977: 127
Amaoka et al. 1990: 219, fig.
Yano 1993b: 352, 353

Family Oreosomatidae Oreos

Species recognised in 2015:
Allocyttus niger James, Inada & Nakamura, 1988 Black oreo
Allocyttus verrucosus (Gilchrist, 1906) Warty oreo
Neocyttus psilorhynchus Yearsley & Last, 1998 Rough oreo
Neocyttus rhomboidalis Gilchrist, 1906 Spikey oreo
Oreosoma atlanticum Cuvier, 1829 Oxeye oreo
Pseudocyttus maculatus Gilchrist, 1906 Smooth oreo

2114 *Allocyttus niger*
BLACK OREO
James et al. 1988: 291… 324, figs 3–5, 12–14
Conroy & Pankhurst 1989: 525–527, fig. 1
Fenaughty & Uozumi 1989: 5, 13, 16–17, 26, 36–37, figs 14, 27, 35, 38
Hatanaka et al. 1989A: 5–6, 10, 51
Hatanaka et al. 1989B: 13, 31, fig. 17
Paulin et al. 1989: 162, 258, fig. 94.5b, pls., p. [178a]
Amaoka et al. 1990: 220, figs
Hardy 1990: 9
Fincham et al. 1991: *
Roberts C 1991: 18
Paul 1992: 889
Gauldie 1993c: 1*
Paul et al. 1993: 123, fig.
Clark & Thomas 1994: *, figs
Clark & Tracey 1994a: *
McMillan & Hart 1994a: *
McMillan & Hart 1994b: *
McMillan & Hart 1994c: *
McMillan & Hart 1995: *
Clark et al. 1996: *
Koslow 1996: 57, 61, fig. 1
Lowry et al. 1996: 692–706
Paulin et al. 1996: 31, fig.
Krzyzosiak & Daniel 1997: 497–504, figs 1–4
McClatchie et al. 1997: 665
Paul & Heath 1997b: 49, fig.
Roberts C & Paulin 1997: 216
Hart & McMillan 1998: *
Jacob et al. 1998: 2126, 2137
Ward et al. 1998: 233–245
Yearsley & Last 1998: 563
Clark et al. 2000: *
Hine et al. 2000: 67
James & Stahl 2000: 439, 442–444, 448
Paul 2000: 76, 225–226, figs

2115 *Allocyttus verrucosus*
BLACK OREO, WARTY OREO
Shuntov 1971: 337
Shuntov 1979: 72, *
Ayling & Cox 1982: 187, fig.
Korotaeva 1982: 464
Last et al. 1983: 289–290, fig.
McMillan 1983: 21
Robertson et al. 1984: 24
Paulin & Stewart 1985: 34
Paul & Heath 1985: 67
Kashkina 1986: 60–61
Paul 1986: 76
Paulin 1987a: 7, fig.
Clark M 1988: 419
James et al. 1988: 314–319, figs 4, 5, 10, 11
Clark & King 1989: 6, 45, 52, figs 6–7
James et al. 1988: 291..318, figs 3–5, 10
Paulin et al. 1989: 162, 258, fig. 94.5a
Amaoka et al. 1990: 221, figs
Tracey et al. 1990: 34
Roberts C 1991: 18
Paulin et al. 1996: 31, 32, 33, fig
McClatchie et al. 1997: 665
Paul & Heath 1997b: 49
Ward et al. 1998: 233–245
Paul 2000: 76

2116 *Allocyttus verucosus*
Kerstan & Sahrhage 1980: 84

2117 *Allocyttus* sp.
BLACK OREO, BLACK OREO DORY
Buisson et al. 1982: 390–395
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Paulin & Stewart 1985: 34
Paul & Heath 1985: 67, pl. 26
Paul 1986: 76, figs

Crane et al. 1987: 641–642, figs 1–2
Hine et al. 1987: 36
Pankhurst 1987b: 269–280, fig. 2
Pankhurst et al. 1987: 193–211, figs 1–2, 4, 6, 8, 10
Paulin 1987a: 6, fig.
Stephenson 1987: 135
Fenaughty C et al. 1988: 10, 21, 26, 31, 36
Clark & King 1989: 5
Hurst et al. 1990: 5, 7, 40
OECD 1990: 23, 187

2118 *Neocittus rhomboidalis*
DEEPWATER DORY
Francis R & Fisher 1979: 9

2119 *Neocyttus psilorhynchus*
Yearsley & Last 1998: 555–579, figs 1–3

2120 *Neocyttus rhomboidalis*
BROWN OREO, SPIKEY OREO, SPIKY OREO DORY
Iwai et al. 1970: 8
Avdeev 1975: 250
JAMARC 1976: 21, *
JAMARC 1979: 18, *
Shuntov 1979: 72, *
Kerstan & Sahrhage 1980: 84–88, fig. 83
Roberts & Van Berkel 1982: 135
Korotaeva 1982: 464
Ayling & Cox 1982: 15, 185, fig.
Last et al. 1983: 290–291, fig.
McMillan 1983: 21
Robertson et al. 1984: 9, 11, 24
Paulin & Stewart 1985: 34
Paul & Heath 1985: 67
Kashkina 1986: 60–61
Paul 1986: 77, fig.
Hine et al. 1987: 36
Paulin 1987a: 7, fig.
Stephenson 1987: 135
Clark M 1988: 419
James et al. 1988: 291… 314, figs 3–5, 8, 9
Vlieg & Body 1988: 151–161
Clark & King 1989: 6, 8–9, 25–26, 32, 45, 52, figs 7, 38–40
Fenaughty & Uozumi 1989: 13, 17, 26, 36–37, figs 12, 27, 38
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 13, 31, fig. 17
Paulin et al. 1989: 162, 258, fig. 94.4b
Amaoka et al. 1990: 222, fig.
Tracey et al. 1990: 34
Gauldie [et al. 1991B]: 677–708, figs 43–47
Roberts C 1991: 18
Lowry et al. 1996: 692–706
Paulin et al. 1996: 33, fig.
McClatchie et al. 1997: 666
Paul & Heath 1997b: 49
Elliott et al. 1998: 796–816
Jacob et al. 1998: 2126, 2137
Yearsley & Last 1998: 563
Hine et al. 2000: 67
McClatchie et al. 2000: 186
Paul 2000: 77, fig.

2121 *Neocyttus gibbosus*
SPIKY DORY
Phillipps 1949b: 289–290, pl. 34
Whitley 1956b: 404
McAllister 1968: 110
Whitley 1968a: 44

2122 *Neocyttus* sp.
BLACK OREO DORY
Vlieg 1988: 15, 19, 24, 39, 48

2123 *Oreosoma atlantica*
OX-EYE OREO
Paulin et al. 1989: 162, 258, fig. 94.4a
Paul & Heath 1997b: 49

2124 *Oreosoma atlanticum*
OXEYE OREO
Waite 1912c: 320
Waite 1912b: 197–200, pl. 11
McCulloch 1914: 115
Phillipps 1927b: 25
Phillipps 1927c: 12
Whitley 1929: 109
Trunov 1982b: 12–14
Last et al. 1983: 291–292, fig.
Paulin & Stewart 1985: 34
James et al. 1988: 302–309, figs 5–7
Amaoka et al. 1990: 223, figs
Paul 2000: 77, fig.

2125 *Oreosoma coniferum*
Waite 1912b: 198

2126 *Oreosoma waitei*
MOUNTAINSIDES
Whitley 1956b: 404
Whitley 1968a: 43
James et al. 1988: 302, 308
Hardy 1990: 9

2127 *Oreosoma*
Waite 1912b: 200

2128 *Pseudocyttus maculatus*
SMALL-SPINED OREO, SMOOTH OREO
Francis R & Fisher 1979: 29, fig.
Kerstan & Sahrhage 1980: 84–91, fig. 86
van den Broek et al. 1981: 138
Ayling & Cox 1982: 15, 185, fig.
Buisson et al. 1982: 390–395
Last et al. 1983: 292, fig.
McMillan 1983: 21–23, figs 1, 3
Robertson et al. 1984: 9, 11, 22, 24
van den Broek et al. 1984: *
Paulin & Stewart 1985: 34

Paul & Heath 1985: 67, pl. 26
Paul 1986: 77, figs
Hine et al. 1987: 36
Pankhurst 1987b: 269–280
Pankhurst et al. 1987: 193–211, figs 1–2, 4, 11
Paulin 1987a: 6, fig.
Stephenson 1987: 135
Davies et al. 1988: 499–515, figs 1–4
Fenaughty C et al. 1988: 14, 22, 27, 32, 37
James et al. 1988: 293–302, figs 1–4
Vlieg 1988: 18, 22, 36, 44, 49
Scott D et al. 1989: 1–33
Conroy & Pankhurst 1989: 525–527, fig. 1
Clark & King 1989: 5, 45, 52, fig. 46
Fenaughty & Uozumi 1989: 5, 16, 36–37
Hatanaka et al. 1989A: 51
Hatanaka et al. 1989B: 13, 31, fig. 17
Paulin et al. 1989: 161, 258, fig. 94.2
Amaoka et al. 1990: 224, fig.
Hurst et al. 1990: 5, 7, 40
OECD 1990: 187
Tracey et al. 1990: 34
Fincham et al. 1991: *
Gauldie [et al. 1991B]: 677–708, figs 34–42, 47
Roberts C 1991: 18
Savage 1991: 232
Paul 1992: 889
Scott D et al. 1992: 577–587
Paul et al. 1993: 123, fig.
Clark & Thomas 1994: *, figs
Clark & Tracey 1994a: *
McMillan & Hart 1994a: *
McMillan & Hart 1994b: *
McMillan & Hart 1994c: *
McMillan & Hart 1995: *
Clark et al. 1996: *
Koslow 1996: 57, 61, fig. 1
Lowry et al. 1996: 692–706
Paulin et al. 1996: 32, fig.
McClatchie et al. 1997: 667
Paul & Heath 1997b: 50, fig.
Hart & McMillan 1998: *
Jacob et al. 1998: 2126, 2137
Ward et al. 1998: 233–245
Yearsley & Last 1998: 563
Clark et al. 2000: *
Hine et al. 2000: 67
McClatchie et al. 2000: 185
Paul 2000: 77, 225–226, figs
Wetherbee 2000: 190

2129 *Pseudocyttus rhomboidalis*
SMOOTH OREO DORY
Vlieg & Body 1988: 151–161

2130 *Xenocyttus nemotoi*
James et al. 1988: 291, 302

2131 OREO DORIES
Struik 1983: 217
Boyce et al. 1986: 4, *

2132 SMOOTH OREO
Coote et al. 1991: *, fig. 4

Order GASTEROSTEIFORMES Pipefishes & seahorses

Family Syngnathidae Seahorses, pipefishes

Species recognised in 2015:
Acentronura 197levate Waite & Hale, 1921 Pipehorse
Cosmocampus howensis (Whitley, 1945) Lord Howe pipefish
Hippocampus abdominalis Lesson, 1827 Seahorse
Hippocampus ?jugumus Kuiter, 2001
Leptonotus 197levates (Hutton, 1872) Speckled pipefish
Leptonotus norae (Waite, 1910) Longsnout pipefish
Lissocampus filum (Günther, 1870) Shortsnout pipefish
Solegnathus spinosissimus (Günther, 1870) Spiny seadragon
Stigmatopora argus (Richardson, 1840) Spotted pipefish
Stigmatopora macropterygia Duméril, 1870 Smooth pipefish
Stigmatopora nigra Kaup, 1856 Black pipefish

2133 *Campichthys filum*
PIPEFISH
Whitley 1956b: 402
Whitley 1968a: 34

2134 *Castelnauina*
Waite 1912c: 318

2135 *Dorichthys*
Hutton 1873a: 241

2136 *Doryichthys 197levates*
Hutton 1872: 68–69
Hutton 1875a: 134
Sherrin 1886: 306
Hutton 1890: 285
Gill 1893: 122
Hutton 1904c: 52
Russell 1996: 225

2137 *Doryichthys*
Hutton 1874b: 86

2138 *Doryhamphus elevatus*
PIPEFISH
Whitley 1956b: 402

2139 *Doryrhamphus elevatus*
PIPEFISH
Waite 1907: 14
Thomson & Anderton 1921: 71, 74, 94
Phillipps 1927b: 20
Phillipps 1927c: 11

2140 *Hippocampus abdominalis*
BIG-BELLIED SEAHORSE, SEA HORSE
Lesson 1827: 127–128
Lesson 1830: 73, 125
Richardson & Gray 1843: 226
Richardson J 1843a: 28
Colenso 1844: 36
Gunther 1870: Vol. 8, 199
Hutton 1872: 70
Hutton 1875a: 134
Sherrin 1886: 306
Hutton 1890: 285
Gill 1893: 122
Hutton 1904c: 52
Thomson G 1906: 551
Fowler 1907: 431
Waite 1907: 15
Waite 1911b: 175–176, pl. 28
Thomson & Anderton 1921: 72, 74, 78, 94
Young 1926b: 284
Phillipps 1927b: 20
Phillipps 1927c: 11
McCulloch 1929: 97
Young 1929: 141, 165
Benham 1936: 26
Wilson 1937: 31
Benham 1938: 56
Graham D 1938: 404
Graham D 1939b: 363–364
Benham 1941: 34
Phillipps 1947: 45
Phillipps 1948: 129
Powell 1951: 65, fig. 310
Batham 1956: 457
Whitley & Allan 1958: 37
Parrott 1960: 60–5, fig. 17
Doogue & Moreland 1961: 201–204, one fig.
Graham J 1963: 167
Moreland 1963: 18, one fig.
Wear 1965: 7
McLintock 1966: (3) 709
Powell 1966: (2)776, (3) 201, one fig.
Heath & Moreland 1967: 16, fig. 20
Natusch 1967: 212–213, fig. 62
Moreton & Chapman 1968: 32
Morton & Miller 1968: 361, fig. 129
Grace R 1971: 130
Miller & Batt 1973: 46–47, fig. 39
Webb 1973f: 308
Ayling 1974a: 580, 583
Grace A 1974: 22
Stephenson 1974a: 950–952, figs 2
Francis M 1979: 67
Shuntov 1979: 69, *
Grange et al. 1981: 227
Thompson 1981: 18, 103–104 (figs), 293, 341
Ayling & Cox 1982: 87, 195, pl. 13
Crossland 1982b: 25–26
Gunson 1983: 172–173, fig.
Last et al. 1983: 300–301, fig.
Eldon & Kelly 1985: 23, 51
Jones & Hadfield 1985: 480
Kingsford & Choat 1985: 624, 628
Paulin & Stewart 1985: 35
Andrews 1986: 85
Dickson 1986: 30
Scrimgeour 1986: 35
Hardy et al. 1987: 244
Francis M 1988c: 23, pl. 26
Paulin et al. 1989: 165–166, 259, figs 99.1b, 99.6b
Amaoka et al. 1990: 231, fig.
van Heezik 1990a: 204
Roberts C 1991: 18
Kingsford 1992: 45, 46
Paulin & Roberts 1992: 65–66, figs 25a, b, pl. 9C
Tricklebank et al. 1992: 269
Paul et al. 1993: 59, fig.
Paulin & Roberts 1993: 197
Francis M 1996a: 50
Francis M 1996b: 23, pl. 26
Moore & Wakelin 1997: 20, 23
Paul & Heath 1997a: 27, fig.
Roberts C & Paulin 1997: 212
Paulin & Roberts 1998: 163, 170, 172
Ryan & Paulin 1998: 129 (pl)
Woods 2000: 475–485, figs 1–7

2141 *Hippocampus (Macleayina) abdominalis*
SEAHORSE
Graham D 1956: 28, 30, 85, 97, 136, 144–145, 148–156, 230, 257, 291, 339, 376, one fig.
Whitley 1956b: 402

2142 *Hippocampus sygnathus*
Polack 1838: 325

2143 *Hippocampus*
Taylor 1870: 625

2144 *Hippoeambus abdominalis*
SEA HORSE
Japan, DSTA 1971: 66, *

2145 *Ichthocampus filum*
McCulloch 1929: 89

2146 *Ichthyocampsis filum*
SHORTSNOUTED PIPEFISH
Fell 1960: 20

2147 *Ichthyocampus filum*
PIPE-FISH, SHORTNOSED PIPEFISH, SHORT-SNOUTED PIPEFISH
Gunther 1870: 178, Vol. 8
Hutton 1872: 68
Sherrin 1886: 306
Hutton 1890: 285
Gill 1893: 122
Hutton 1904c: 52
Thomson G 1906: 552
Waite 1907: 14
Thomson & Anderton 1921: 71, 74, 94
Oliver 1923: 522
Rendahl 1925: 2
Phillipps 1927b: 20
Phillipps 1927c: 11
Powell 1951: 66
Moreland 1957: 34
Doogue & Moreland 1961: 204, one fig.
Powell 1966: (2) 776
Heath & Moreland 1967: 16, fig. 18
Moreton & Chapman 1968: 32
Morton & Miller 1968: 200, fig. 66
Tong & Elder 1968: 64, 66
Knox 1969c: 549
Ritchie 1973: 75
Stephenson 1974a: 950–952, fig.
Ayling & Cox 1982: 193
Roberts C 1991: 10

2148 *Ichthyocampus*
Gunther 1880b: 287

2149 *Leptonotus blainvilleanus*
SHORT SNOUTED PIPE FISH
Natusch 1967: 213, fig. 62
Whitley 1968a: 34
Francis M 1979: 67

2150 *Leptonotus blainvillianus*
NEEDLE FISH, SHORT SNOUTED PIPE FISH
Graham D 1956: 97, 146–149, 257, 291, 339, one fig.
Whitley 1956b: 402
Parrott 1960: 69, fig. 20

2151 *Leptonotus elevatus*
PIPEFISH, SPECKLED PIPEFISH
Rendahl 1925: 2
Whitley 1968a: 34
Dawson 1980: 281, 282, 286, fig. 4
Thompson 1981: 98
Paulin & Stewart 1985: 35
Hardy 1986c: 26, 32
Kingsford et al. 1989: 181
Paulin et al. 1989: 165–166, 259, fig. 99.5a
Roberts C 1991: 10, 18
Paulin & Roberts 1992: 19, 68–69, figs 28a, b, pl. 9F
Paulin & Roberts 1993: 198
Francis M 1996a: 50

2152 *Leptonotus norae*
LONGSNOUT PIPEFISH, PIPEFISH
Dawson 1980: 281–282, 286–287, fig. 5
Thompson 1981: 98
Paulin & Stewart 1985: 35
Paulin et al. 1989: 165–166, 259, fig. 99.5b
Paulin & Roberts 1992: 63–64, figs 24a, b, pl. 9B
Paulin & Roberts 1993: 197
Paulin & Roberts 1998: 163, 170, 172
Francis M 1996a: 50

2153 *Leptonotus*
Chilton 1909: 589

2154 *Lissocampus filum*
SHORTSNOUT(ED) PIPEFISH
Dawson 1977: 609–612, fig. 3
Francis M 1979: 67
Dawson 1980: 281–283, fig. 2
Thompson 1981: 9, 18, 99–101 (figs), 290
Crossland 1982b: 26
Kingsford & Choat 1985: 625
Paulin & Stewart 1985: 35
Roper 1986: 705–717
Hardy et al. 1987: 244
Paulin et al. 1989: 165, 259, fig. 99.4a
Roberts C 1991: 10, 18
Kingsford 1992: 45, 46
Paulin & Roberts 1992: 66–67, figs 26a, b, pl. 9D
Tricklebank et al. 1992: 269
Paul et al. 1993: 53, fig.
Paulin & Roberts 1993: 197
Willis & Roberts 1996: 333
Francis M 1996a: 50
Moore & Wakelin 1997: 20
Paul & Heath 1997a: 26, fig.
Paulin & Roberts 1998: 163, 170, 172
Taylor & Willis 1998: 256

2155 *Macleayina abdominalis*
BIG BELLIED SEA HORSE, SEAHORSE
Whitley & Allan 1958: 25, 36
Whitley 1968a: 35

2156 *Novacampus norae*
LONGSNOUTED PIPE-FISH, PIPEFISH
Whitley 1955: 110
Whitley 1956b: 402
Parrott 1960: 67–69, fig. 19
Natusch 1967: 213, fig. 62
Whitley 1968a: 34
Francis M 1979: 67

2157 *Siphostoma blainvilliana*
Gill 1893: 122
Hutton 1904c: 52

2158 *Siphostoma pelagica*
Gill 1893: 122
Hutton 1904c: 52

2159 *Solegnathus robustus naso*
SPINY SEA DRAGON
Whitley 1956b: 402
Whitley & Allan 1958: 51
Whitley 1968a: 35

2160 *Solegnathus spinosissimus*
SPINY PIPEHORSE, SPINY SEA DRAGON, SPINY SEA-HORSE
Gill 1893: 122
Waite 1907: 14
Waite 1912c: 318
Phillipps 1927b: 20
Phillipps 1927c: 11
Whitley 1956b: 402
Whitley & Allan 1958: 51
Parrott 1960: 65–66, fig. 18
Graham J 1963: 167
Natusch 1967: 213
Whitley 1968a: 35
Iwai et al. 1970: 7, pl. 1
Francis M 1979: 67
Dawson 1980: 281–284, fig. 3
Thompson 1981: 98
Ayling & Cox 1982: 194, fig.
Dawson 1982a: 139–142, 144, 150–153, 154, 156, fig. 6
Last et al. 1983: 308, fig.
Paul et al. 1983: 12
Paulin & Stewart 1985: 35
Francis M 1988c: 23, pl. 27
Paulin et al. 1989: 166, 259, fig. 99.6a
Amaoka et al. 1990: 232, fig.
OECD 1990: 273
Roberts C 1991: 2, 18
Francis M 1996a: 50
Francis M 1996b: 23–24, pl. 27
Paul & Heath 1997a: 25, 26
Paulin & Roberts 1998: 167
Ryan & Paulin 1998: 128, 140 (pl)

2161 *Solegnathus spinossissimus*
PIPEFISH
Hutton 1904c: 52
Young 1929: 141, 165

2162 *Solegnathus*
Waite 1912c: 318

2163 *Solenognathus*
Gunther 1880b: 287, 281

2164 *Solenognathus spinosissimus*
Hutton 1872: 69
Hutton 1873b: 271
Sherrin 1886: 306
Hutton 1890: 285
Steindachner 1901: 516
Regan 1914c: 16
Whitley 1955: 118–119

2165 *Stigmatophora gracilis*
Steindachner 1901: 516
Whitley 1955: 118–119

2166 *Stigmatophora longirostris*
LONG BEAKED PIPE FISH, LONG-NOSED PIPEFISH, LONG-SNOUTED PIPEFISH
Hutton 1872: 69
Gill 1893: 122
Hutton 1875a: 134
Hutton 1876: 216
Sherrin 1886: 306
Hutton 1890: 285
Hutton 1904c: 52
Thomson G 1906: 552
Thomson & Anderton 1921: 72, 74, 94
McCulloch & Phillipps 1923: 20, fig. 1
Phillipps 1927b: 20
Phillipps 1927c: 11
Benham 1936: 26
Powell 1951: 65–66, fig. 311
Whitley 1955: 119
Moreland 1957: 34
Doogue & Moreland 1961: 203, one fig.
Graham J 1963: 167
Powell 1966: (2) 776, one fig.
Heath & Moreland 1967: 16, fig. 19
Moreton & Chapman 1968: 32
Morton & Miller 1968: 201, fig. 66
Japan DSTA 1971: 66, *
Stephenson 1974a: 950–952, fig.
Korea FRDA 1978: 66, *
Francis M 1979: 67
Ayling & Cox 1982: 194, pl. 13
Gunson 1983: 173, fig.
Jones & Hadfield 1985: 480
Kingsford & Choat 1985: 624, 628
Kingsford & Choat 1986: 168
Kingsford et al. 1989: 181, 183
van Heezik 1989: 152
van Heezik 1990b: 545
Roberts C 1991: 10
Kingsford 1992: 45, 46, 49
Russell 1996: 215, 219, 225–226

2167 *Stigmatophora longirostrius*
Shuntov 1979: 69, *

2168 *Stigmatophora macropterygia*
LONG-SNOUTED PIPEFISH, SMOOTH PIPEFISH
Regan 1914c: 16
Fowler 1928: 112
Paulin & Stewart 1985: 35
Kingsford et al. 1989: 181, 183
Van Heezik 1989: 152
van Heezik 1990a: 204
van Heezik 1990b: 545

Roberts C 1991: 10
Paul et al. 1993: 53, fig.

2169 *Stigmatophora nigra*
SMOOTH PIPEFISH
Paulin & Stewart 1985: 35

2170 *Stigmatophora*
Gunther 1880b: 287

2171 *Stigmatopora longirostris*
PIPEFISH
Waite 1907: 14
Whitley 1956b: 402
Whitley 1968a: 35
Grace R 1971: 130

2172 *Stigmatopora macropterygia*
SMOOTH PIPEFISH
Dawson 1980: 281–282, 288, 290, fig. 7
Thompson 1981: 9, 18, 101–102 (figs), 290, fig. 5
Dawson 1982b: 575–578, 584, 591, 594–597, figs 1, 10, 11
Paulin et al. 1989: 166, 259
Paulin & Roberts 1992: 19, 67–68, figs 27a, b, pl. 9E
Paulin & Roberts 1993: 198
Francis M 1996a: 50
Paul & Heath 1997a: 25

2173 *Stigmatopora nigra*
BLACK PIPEFISH
Dawson 1980: 281–282, 288, fig. 6
Thompson 1981: 98
Dawson 1982b: 575–578, 580, 586–593, figs 1, 7, 8
Last et al. 1983: 309, fig.
Paulin et al. 1989: 166, 259
Roberts C 1991: 4, 5, 10, 18, fig. 2C
Paulin & Roberts 1992: 62–63, figs 23a, b, pl. 9A
Paulin & Roberts 1993: 199
Francis M 1996a: 50

2174 *Stigmatopora* sp.
Roberts et al. 1986: 359
Tricklebank et al. 1992: 269

2175 *Sygnathus blainvillianus*
Gunther 1877: 472
Sherrin 1886: 306
Hutton 1890: 285

2176 *Sygnathus pelagicus*
Sherrin 1886: 306
Hutton 1890: 285
Hector 1899: 714

2177 *Syngnathus blainvillianus*
SHORT-NOSED PIPEFISH, SHORTSNOUTED PIPEFISH
Gunther 1876: 390, 402
Waite 1907: 14
Chilton 1909: 588–590
Waite 1911b: 174–175, pl. 27
Thomson G 1913: 233–234
Waite 1916a: 49
Thomson & Anderton 1921: 71
Phillipps 1927b: 20
Phillipps 1927c: 11
Graham D 1938: 403
Benham 1941: 34
Ralph & Yaldwyn 1956: 62, 81, fig. 58
Moreland 1957: 34
Graham J 1963: 167
Wear 1965: 7
Batham 1969: 80
Shuntov 1979: 69, *
Roberts C 1991: 10

2178 *Syngnathus norae*
LONG-SNOUTED PIPEFISH
Waite 1911b: 157, 173–174, 215, pl. 27
Waite 1912c: 318
Waite 1911d: 25
Thomson & Anderton 1921: 71
Phillipps 1927b: 20
Phillipps 1927c: 11
Graham D 1938: 404
Manter 1954: 559
Whitley 1955: 110
Wei et al. 1976: 57, fig.
Robertson et al. 1978: 306
Shuntov 1979: 69, *
Ayling & Cox 1982: 15, 193, pl. 13
Gunson 1983: 173, fig.
Jones & Hadfield 1985: 480
Freeman & Tunnicliffe 1997: 8

2179 *Syngnathus (Novaecampus) norae*
LONG SNOUTED PIPEFISH
Graham D 1956: 143–146, 257, 296, 339, 345, one fig.

2180 *Syngnathus pelagicus*
Gunther 1870: Vol. 8, 165–166
Hutton 1872: 67–68
Waite 1907: 14
Zietz 1908: 298
Phillipps 1927b: 19
Phillipps 1927c: 11

2181 *Syngnathus*
Gunther 1880b: 287

2182 PIPE-FISH
Polack 1838: 323
Polack 1840: 202
Waite 1909b: 155
Graham D 1939a: 423
Graham D 1956: 85
Parrott 1957: 141
Dickinson 1958: 15
Moreland 1959: 28
Scott E 1955: 135

Gorman 1963: 29
Paul 1966c: (1) 678
Paul 1986: 135

2183 LONG SNOUTED PIPE-FISH
Graham D 1939a: 424, 426

2184 SHORT SNOUTED PIPE FISH
Graham D 1939a: 424, 426
Moreland 1965: 125

2185 SEAHORSE
Hamilton A 1908: 16, fig. 2
Thomson G 1913: 233
Graham D 1939a: 423–426, 428, 432
Parrott 1957: 141
Dickinson 1958: 15
Gorman 1963: 29
Paul 1966c: (1) 678
Paul 1986: 135
Paul 2000: 135

Family Aulostomidae Trumpetfishes

Species recognised in 2015:
Aulostomus chinensis (Linnaeus, 1766) Trumpetfish

2186 *Aulostomus chinensis*
FLUTEMOUTH, TRUMPETFISH
Paulin & Stewart 1985: 34
Marsh 1986: 149, 153
Schiel et al. 1986: 529, 531
Francis M et al. 1987: 4
Paulin et al. 1989: 163, 258, fig. 96.1
Francis M 1996a: 50

Family Fistulariidae Cornetfishes

Species recognised in 2015:
Fistularia commersonii Rüppell, 1838 Cornetfish
Fistularia petimba Lacépède, 1803 Red Cornetfish

2187 *Fistularia commersonii*
CORNETFISH
Fritzsch 1976: 199–201, fig. 2
Paulin & Stewart 1985: 34
Francis M et al. 1987: 4, 9
Paulin et al. 1989: 163, 258, fig. 97.1
Francis M 1996a: 50
Francis M et al. 1999: 579, 580

2188 *Fistularia petimba*
FLUTEMOUTH
Powell 1937b: [cf. *petimba*] 81, pl. 17
Whitley 1956b: 403
Whitley 1968a: 35
Ayling & Cox 1982: 191, fig.

2189 *Fistularia serrata*
Hutton 1872: 39
Sherrin 1886: 303

2190 *Fistularia villosa*
JFA 1977: 127

Family Macroramphosidae Snipefishes

Species recognised in 2015:
Centriscops humerosus (Richardson, 1846) Redbanded bellowsfish
Macroramphosus scolopax (Linnaeus, 1758) Snipefish
Notopogon lilliei Regan, 1914 Crested bellowsfish
Notopogon xenosoma Regan, 1914 Orange bellowsfish

2191 *Centriscops humerosus*
BELLOWS FISH, BLUEBANDED BELLOWSFISH, REDBANDED BELLOWSFISH
Gill 1893: 122
Hutton 1904c: 46
Waite 1907: 14
Waite 1911b: 157, 169–170
Thomson G 1913: 230
McCulloch 1914: 78
Thomson & Anderton 1921: 71
Phillipps 1927b: 19
Phillipps 1927c: 11
Graham D 1938: 403
Manter 1954: 507–508, 513, 519–520, 558
Graham D 1956: 140–143, one fig.
Whitley 1956b: 402
Meglitsch 1960: 315
Whitley 1968a: 33
Paulin & Stewart 1985: 34
Paul 1986: 69
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 164, 258, fig. 98.3a
Amaoka et al. 1990: 227, figs
Roberts C 1991: 18

Duhamel 1995: 264–271, figs 1, 2
McClatchie et al. 1997: 665
Paul & Heath 1997b: 52, fig.
Jacob et al. 1998: 2126
Hine et al. 2000: 53, 82
Paul 2000: 69

2192 *Centrioscops humerosus obliquus*
Waite 1911b: 157, 170–171, pl. 26
McCulloch 1929: 84
Iwai et al. 1970: 6
Japan DSTA 1971: 66, *
Hewitt & Hine 1972: 80
JFA 1972: *
JAMARC 1975: 14, *
JFA 1978: *
Shuntov 1979: 71, *
Ayling & Cox 1982: 191
Paul et al. 1983: 12

2193 *Centriscops lilliei*
BELLOWS FISH
McAllister 1968: 112
Tong & Elder 1968: 64, 66

2194 *Centriscops obliquus*
BANDED BELLOWS FISH, BELLOWS FISH, BLUEBANDED BELLOWSFISH, REDBANDED BELLOWSFISH, STRIPED BELLOWS FISH
Waite 1912c: 318
Regan 1914a: 21
Moreland 1957: 34
Whitley & Allan 1958: 74, fig. 21
Parrott 1960: 71–3, fig. 22
Natusch 1967: 211–212, fig. 62
Iwai et al. 1970: 6
Japan DSTA 1971: 66, *
Japan FSFRL 1972: 84, fig.
JFA 1978: *
Korea FRDA 1978: 65, *
Ayling & Cox 1982: 191, 192, fig.
Last et al. 1983: 294, fig.
Paul et al. 1983: 12
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Davison & Van Berkel 1985: 149
Paulin & Stewart 1985: 34
Paul & Heath 1985: 63, pl. 24
Paul 1986: 69, fig.
Hurst & Bagley 1987: 42
Clark & King 1989: 52, 56
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 164, 258, fig. 98.3b
Amaoka et al. 1990: 227
Hurst et al. 1990: 49
Roberts C 1991: 18
Paul et al. 1993: 119, fig.
James & Stahl 2000: 439, 448
Paul 2000: 69, fig.

2195 *Centriscops sinuosus*
BELLOWS FISH
Regan 1914a: 21
Phillipps 1927b: 19
Phillipps 1927c: 11
Whitley 1956b: 402
Whitley 1968a: 34

2196 *Centriscops* sp.
Jacob et al. 1998: 2126, 2135, 2137

2197 *Centriscus humerosus*
SNIPE-FISH
Hutton 1872: 38
Hutton 1875a: 133
Sherrin 1886: 303
Hutton 1890: 281

2198 *Centriscus scolopax*
Gunther 1889: 19
Hamilton A 1896: 12

2199 *Centriscus*
Gunther 1880b: 286

2200 *Macroramphosus elevatus*
COMMON BELLOWS, FISH SNIPE FISH
Whitley 1956b: 402
Whitley & Allan 1958: 70
Parrott 1960: 70–71, fig. 21
Whitley 1968a: 33
Webb 1972b: 6, 17

2201 *Macrorhamphosus elevatus*
SNIPE FISH
Phillipps 1927b: 19
Phillipps 1927c: 11
McCulloch 1929: 83
Natusch 1967: 211, fig. 62
JFA 1972: *
JFA 1977: 127

2202 *Macrorhamphosus gracilis*
SNIPEFISH
McDowall 1979a: 208
Ayling & Cox 1982: 192, fig.

2203 *Macrorhamphosus scolopax*
LONG-NOSED SNIPEFISH, SNIPE FISH, SNIPEFISH
Waite 1911b: 157, 171–172
Waite 1911d: 25
Waite 1912c: 318
Regan 1914a: 18–19
Thomson & Anderton 1921: 71
Phillipps 1927b: 19
Phillipps 1927c: 11
Tong & Elder 1968: 64, 66
Robertson & Mito 1979: 420, fig. 11
Shuntov 1979: 71, *
Ayling & Cox 1982: 192, fig.

Paul et al. 1983: 8, 12
Paulin & Stewart 1985: 34
Paul & Heath 1985: 63, pl. 24
Paul 1986: 69, fig.
Hine et al. 1987: 37
Clark & King 1989: 52
Paulin et al. 1989: 164, 259
Amaoka et al. 1990: 228, fig.
Paul et al. 1993: 119, fig.
Yano 1993b: 352
McClatchie et al. 1997: 666
Paul & Heath 1997b: 51, fig.
Paulin & Roberts 1998: 167
Paul 2000: 69, fig.

2204 *Macrorhamphosus* spp.
Tricklebank et al. 1992: 269

2205 *Macrorhumphosus elevatus*
JAMARC 1975: 14, *

2206 *Notopogon fernandezianus*
ORANGE BELLOWSFISH, TRUMPET FISH
Ayling & Cox 1982: 191
Paulin & Stewart 1985: 34
Paul & Heath 1985: 63
Paul 1986: 69
Clark & King 1989: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 165, 259, fig. 98.4
Hurst et al. 1990: 49
Jacob et al. 1998: 2126
Paul 2000: 69

2207 *Notopogon lillei*
CRESTED BELLOWSFISH
Shuntov 1979: 71, *
Paul & Heath 1985: 63
Paul 1986: 69, fig.
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989B: 31
Hurst et al. 1990: 49
Paul 2000: 69, fig.

2208 *Notopogon lilliei*
BELLOWS FISH, BUGLER, CRESTED BELLOWS[-]FISH, SNIPE FISH, SPINE FISH
McCulloch 1914: 78
Regan 1914a: 20
Regan 1914c: 15, pl. 12
Barnard 1925: 279, 1022
Phillipps 1927b: 19
Phillipps 1927c: 11
McCulloch 1929: 84
Whitley 1956b: 402
Whitley & Allan 1958: 71
Graham J 1963: 167
Whitley 1968a: 34
Korea FRDA 1978: 65, *
Penrith 1967: 528
Iwai et al. 1970: 6
Hewitt & Hine 1972: 90
Japan FSFRL 1972: 84, fig.
JFA 1972: *
JAMARC 1975: 14, *
Robertson 1975c: 13
JFA 1978: *
Francis M 1979: 67
Ayling & Cox 1982: 191, 193, pl. 14
Last et al. 1983: 296, fig.
Paulin & Stewart 1985: 35
Hardy 1986c: 26
Hatanaka et al. 1989A: 52
Paulin et al. 1989: 165, 259, fig. 98.2, pl., p. [146b]
Amaoka et al. 1990: 229, 230, fig.
Duhamel 1995: 284–290, figs 8, 9
Jacob et al. 1998: 2126
Paulin & Roberts 1998: 167
Hine et al. 2000: 66

2209 *Notopogon xenosoma*
BELLOWS FISH, LONGSPINE BELLOWSFISH
Regan 1914a: 20
Regan 1914b: 14
Regan 1914c: 15–16, pl. 12
Phillipps 1927b: 19
Phillipps 1927c: 11
Whitley 1956b: 402
Whitley 1968a: 34
Amaoka et al. 1990: 229, 230, fig.

2210 *Notopogon* sp.
JFA 1977: 127

2211 BELLOWS FISH, SNIPE FISH
Archey 1927: 198
Graham D 1939a: 423, 433

Order SCORPAENIFORMES Mail-cheeked fishes

Note: Within Scorpaeniformes the original large family Scorpaenidae has recently been split into several smaller ones (Imamura 2004). Identification and nomenclature of New Zealand species within this group has always been problematic, especially in the older publications. This is particularly so for species in the two families Sebastidae and Scorpaenidae. To avoid giving the impression that the citations below have been correctly allocated between them—a task beyond the scope of this bibliography—these two families have been combined into a single list in the following pages. In summary, some, perhaps many, of the citations of New Zealand scorpaeniform fishes may be misplaced.

The listings which follow are for the names at 'face value' and must be treated as such until evidence is found to justify moving them to other families or correcting their combinations. In particular, and unfortunately, the relatively common names '*Helicolenus'*, '*Scorpaena'*, and '*papillosus*/*papillosa'* are among those which appear to have been incorrectly used.

Family Dactylopteridae Flying gurnards

Species recognised in 2015:
Dactyloptera orientalis (Cuvier, 1829) Flying gurnard

2212 *Dactyloptera orientalis*
Moreland 1975: 277–279, fig. 1
Allen et al. 1976: 392
Paulin et al. 1989: 166–167, fig. 100.1

2213 *Dactylopterus orientalis*
Ayling & Cox 1982: 202–203, fig.
Paulin & Stewart 1985: 35

Family Setarchidae Deepwater scorpionfishes

Species recognised in 2015:
Ectreposebastes niger (Fourmanoir, 1971) Pelagic scorpionfish
Setarches guentheri Johnson, 1862 Deepwater scorpionfish

2214 *Ectreposebastes niger*
PELAGIC SCORPIONFISH
Paulin 1982: 437, 444, fig. 8
Paulin & Stewart 1985: 35
Paulin et al. 1989: 168, 259, fig. 101.3a

Family Neobastidae Gurnard perches

Species recognised in 2015:
Maxillicosta raoulensis Eschmeyer & Poss, 1976 Kermadec scorpionfish

2215 *Maxillicosta raoulensis*
Eschmeyer & Poss 1976: 442–444, figs 4, 7, 8
Paulin 1982: 437, 443–444, fig. 7
Paulin & Stewart 1985: 36
Paulin et al. 1989: 168, 259, fig. 101.4a
Francis M 1996a: 50

Families Sebastidae (Seaperches) and Scorpaenidae (Scorpionfishes)

Note: See note to Order Scorpaeniformes above.

Family Sebastidae (Seaperches)

Species recognised in 2015:
Helicolenus barathri (Hector, 1875) Bigeye seaperch
Helicolenus percoides (Richardson & Solander, 1842) Jock stewart
Trachyscorpia carnomagula Motomura, Last & Yearsley, 2007 Deepsea scorpionfish
Trachyscorpia eschmeyeri Whitley, 1970 Deepwater ocean scorpionfish

Family Scorpaenidae (Scorpionfishes)

Species recognised in 2015:
Dendrochirus brachyopterus (Cuvier, 1829) Dwarf lionfish
Dendrochirus zebra (Cuvier, 1829) Zebra lionfish
Phenacoscorpius adenensis Norman, 1939 Toothed no-line scorpionfish
Phenacoscorpius longilineatus Motomura, Causse & Struthers 2012 Southern no-line scorpionfish
Pterois cf. *antennata* (Bloch, 1787) Banded lionfish
Pterois volitans (Linnaeus, 1758) Red lionfish

Scorpaena cardinalis Solander & Richardson, 1842 Red rock cod
Scorpaena onaria Jordan & Schneider, 1900 Speckled scorpionfish
Scorpaena papillosa (Schneider & Forster, 1801) Red scorpionfish
Scorpaenodes evides (Jordan & Thompson, 1914) Cheekspot scorpionfish

2216 *Cottapistus cottoides*
Gill 1893: 109, 117
Hutton 1904c: 42
Waite 1907: 28

2217 *Helicolenus barathri*
BIGEYE SEAPERCH
Paulin 1989c: 321–324, figs 2–3
Paulin et al. 1989: 168, 259
Amaoka et al. 1990: 233
Roberts C 1991: 3, 4, 10, 18
Paul et al. 1993: 109, fig.
Leach 1997: * figs
Paul & Heath 1997b: 53, fig.
Paul 2000: 79, figs, 227

2218 *Helicolenus caudatus*
PERCH
Kaberry 1957: 90

2219 *Helicolenus* "*dactylopterus*-like"
Eschmeyer & Hureau 1971: 577–578

2220 *Helicolenus papillosus*
FIVEFINGER, HIGHLANDER, JOCK STEWART, MAORI CHIEF, RED GURNARD PERCH, SCARPEE, SCRODIE, SEA PERCH
McCulloch 1929: 386
Norman 1937: 126
Whitley & Phillipps 1939: 232
Whitley 1955: 119
Graham D 1956: 56, 220, 222, 230, 257–258, 267, 271, 291, 296, 314, 316, 339, 344–349, 352, 376, three figs
Whitley 1956b: 412
Doogue & Moreland 1961: 287, one fig.
Graham J 1963: 169
Moreland 1963: 52, one fig.
Anon. 1965: 16, fig. 37
McLintock 1966: (3) 709
Whitley 1968a: 83
Sorenson 1970: 40, fig. 35
Shuntov 1971: 337, 339, 341, 342
Abe & Eschmeyer 1972: 53
Hewitt & Hine 1972: 86
Barsukov 1973: 161
Doak 1974c: 1060–1061, 1 fig.
Robertson 1975c: 4
Habib 1976a: 10
JAMARC 1976: 21, *
JFA 1977: 128, 129
JFA 1978: *
Korea FRDA 1978: 66, *
Francis M 1979: 67
JAMARC 1979: 18, *
Leach 1979: 119, 121
Nicholson 1979: 137
Shuntov 1979: 71, *
Kerstan & Sahrhage 1980: 138–140, fig. 142
Grange et al. 1981: 227
JAMARC 1981a: 21, *
van den Broek et al. 1981: 138
Thompson 1981: 105, 107
Ayling & Cox 1982: 196, pl. 14
Edgar et al. 1982: 50, pl. 35
Last et al. 1983: 317–318, fig.
Vlieg 1983: 233–235
Bradstock & Gordon 1983: 161
Gunson 1983: 175–176, fig.
JAMARC 1984: 8, 16, 24, 80–111, fig. 20
Mitchell 1984: 271, 273
Pilgrim 1985: 30, 34, 37
Hardy 1986c: 26
Kashkina 1986: 60–61
Sewell 1988: 10
Vlieg 1988: 17, 21, 34, 43, 49
Amaoka et al. 1990: 233
Murray 1990a: 744
Anderson A 1997: 4, 7, 8, 10, fig. 3
Weisler et al. 1999: 43

2221 *Helicolenus papilosus*
ROCK PERCH
Shuntov 1970: 373, 375

2222 *Helicolenus percoides*
FIVE FINGER, HIGHLANDER, JACK STEWART, JOCK STEWART, JOCK STUART, 'JOHN DORY', MAORI CHIEF, SCARPIE, SCRODDIE, SCRODIE, SOLDIER, SOLDIER FISH, SEA PERCH
Waite 1912c: 321
Thomson G 1913: 228, 233
Phillipps 1921a: 121
Thomson & Anderton 1921: 74, 88–89, 94, 107, two figs
Archey 1927: 201
Phillipps 1927b: 53
Phillipps 1927c: 14
Benham 1935: 22
Norman 1937: 126
Graham D 1938: 416
Graham D 1939b: 369–370, pls 45–46
Phillipps 1947: 48
Phillipps 1949c: 54–55, one fig.
Hubbs 1950: 70
Moreland & Dell 1950: 40
Manter 1954: 482, 505, 518–519, 545–560
Graham D 1956: 233
Parrott 1957: 125, 141, 160–163, one fig.
Meglitsch 1960: 285–287, 291, 325 348
Parrott 1960: 164
Robinson 1961: 242–244, 263

Beaglehole 1962: 453, Vol. 1
Bennett 1964: 49
Dillon & Hargis 1965a: 243–244, 261
Dillon & Hargis 1965b:
Griffin 1966: 62
Heath & Moreland 1967: 26, fig. 37
Natusch 1967: 231, fig. 74
Tong & Elder 1968: 64, 66
Iwai et al. 1970: 18, pl. 4
Japan DSTA 1971: 64, *
Japan FSFRL 1972: 90, fig.
JFA 1972: *
Watkinson & Smith 1972: 49, 68
Webb 1972b: 11, 17
Webb 1972f: 88
Ho 1975: 304
JAMARC 1975: 15, *
Fenaughty & O'Sullivan 1978: 146
Kawahara 1980: *
Crossland 1982b: 26–27
Paulin 1982: 438, 439
Paul et al. 1983: 12
Paulin & Stewart 1985: 35
Pilgrim 1985: 36
Paul 1986: 78, figs
Roberts et al. 1986: 359
Hine et al. 1987: 37
Francis M 1988c: 23–24, pl. 32
Kingsford et al. 1989: 184
Paulin 1989c: 319–322, 324, figs 1–2
Paulin et al. 1989: 168, 259
Amaoka et al. 1990: 233, fig.
van Heezik 1990b: 544, 545
van Heezik & Davis 1990: 363
Roberts C 1991: 10, 18
Paulin & Roberts 1992: 136–137, figs 73a, b, pls 2A, 27E, F
Paul et al. 1993: 79, fig.
Paulin & Roberts 1993: 197
Francis M 1996a: 38, 45, 50
Francis M 1996b: 24, pl. 32
Hickford et al. 1997: 253, 255, 257, 258, fig. 3
Moore & Wakelin 1997: 20
Paul & Heath 1997a: 28, fig.
Horwood et al. 1998: 23, *
Paulin 1998: 64, fig.
Paulin & Roberts 1998: 163, 164, 170, 172
Ryan & Paulin 1998: 128, 136 (pl)
Paul 2000: 78, 207, figs

2223 *Helicolenus pervoides*
Manter 1954: 536–542

2224 *Helicolenus* sp.
DEEPWATER SEA PERCH
Paulin & Stewart 1985: 36
Paul & Heath 1985: 61, pl. 23
Paul 1986: 79, figs

2225 *Helicolenus* sp.
NORTHERN SEAPERCH
Paulin & Stewart 1985: 36

2226 *Helicolenus* sp.
SEA PERCH
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Hardy et al. 1987: 245
Roberts C 1987a: 158
Clark M 1988: 419
Fenaughty C et al. 1988: 14, 22, 27, 32, 37
Clark & King 1989: 6, 52, fig. 7
Fenaughty & Uozumi 1989: 13, 16–17, 36–37, fig. 19
Hatanaka et al. 1989B: 13, 31, fig. 18
Horn 1989: 11
Hurst et al. 1990: 17, 49–50
OECD 1990: 244
Tracey et al. 1990: 34
Yano 1993b: 352
McClatchie et al. 1997: 666
Freeman 1998: 38
Jacob et al. 1998: 2126, 2135, 2137, 2138
Imber 1999: 207

2227 *Phenacoscorpius megalops*
Paulin 1982: 437, 442–443, fig. 6
Paulin & Stewart 1985: 36
Paulin et al. 1989: 168, 259, fig. 101.3c

2228 *Phenacoscorpius*
Poss 1999: 2328

2229 *Prosopodasys cottoides*
Gunther 1860: Vol. 2, 142
Hutton 1872: 11
Hutton 1873a: 241
Hutton 1874b: 86
Sherrin 1886: 300
Hutton 1890: 277

2230 *Pterois antennata*
BANDED FIREFISH, BANDED LIONFISH
Paulin 1982: 437, 445, fig. 10
Paulin & Stewart 1985: 36
Paulin et al. 1989: 167, 259
Francis M 1996a: 50

2231 *Pterois volitans*
RED FIREFISH, RED LIONFISH
Waite 1910b: 379
Paulin 1982: 437, 445, fig. 9
Paulin & Stewart 1985: 36
Marsh 1986: 148, 150, 153
Schiel et al. 1986: 529, 531
Francis M et al. 1987: 4
Paulin et al. 1989: 167, 259
Cole et al. 1992: 210

Francis M & Evans 1993: 132, 134
Francis M 1996a: 50
Poss 1999: 2332, fig.

2232 *Pterois* sp.
Schiel et al. 1986: 530, 531

2233 *Ruboralga cardinalis*
HAPUKU'S GRANDFATHER, RED ROCK COD
Graham D 1956: 349–350, one fig.
Whitley 1956b: 412
Parrott 1957: 160, 163–164, one fig.
Whitley 1968a: 84
Russell 1969: 112
Pilgrim 1985: 36

2234 *Scorpaena barathii*
Sherrin 1886: 300

2235 *Scorpaena barathri*
Hector 1875a: 245, 492, pl. 10
Hector 1875c: 80–81
Gunther 1887a: 17
Hutton 1890: 277
Roberts C & Paulin 1997: 223

2236 *Scorpaena bynoensis*
Hector 1884a: 323
Sherrin 1886: 300
Thomson G 1892: 203, 207
Waite 1907: 28
McCulloch 1912: 97
Phillipps 1927b: 53
Phillipps 1927c: 14
McCulloch 1929: 385

2237 *Scorpaena byssoensis*
Hutton 1890: 277
Gill 1893: 117
Hutton 1904c: 42

2238 *Scorpaena cardinalis*
COBBLER, GRANDFATHER, GRANDFATHER HAPUKU, HAPUKU'S GRANDFATHER, KELPFISH, RED ROCK COD, NORTHERN SCORPIONFISH, RED SCORPIONFISH, ROCK PERCH, SCARPEE, SCORPIONFISH, SOLDIER
Richardson J 1842b: 212–214
Richardson & Gray 1843: 208
Richardson J 1843a: 18
Parkinson : 2.t. 12
Solander : MS 21
Regan 1914c: 21
Phillipps 1921a: 121
Phillipps 1947: 46
Doogue & Moreland 1961: 287–289, one fig.
Graham J 1963: 169
Moreland 1963: 52, one fig.
Anon. 1965: 16, fig. 36
Howell 1966b: 1, 5, 31–32, 38–39
McLintock 1966: (3) 709
Heath & Moreland 1967: 26, fig. 36
Natusch 1967: 231, fig. 74
Morton & Miller 1968: 328, pl. 32
Whitehead 1968: pl. 31
Sorenson 1970: 6, 30, 40, 41, 55
Japan DSTA 1971: 64, *
Russell 1971b: 88
Grace R 1972a: 92
Grace R 1972b: 187
Hewitt & Hine 1972: 97
Grace R 1973: 17
Doak 1974c: 1060–1061, fig.
Grace A 1974: 23
Grace R 1975: 94, 98
Russell 1975: 306
Wei et al. 1976: 56, fig.
Gordon & Ballantyne 1976: 30, 34
Grace A 1976: 105
Habib 1978: 25
Korea FRDA 1978: 66, *
Nicholson 1979: 137
Willan et al. 1979: 452, 457
Francis M 1979: 67
Housley 1980: 85
Grabda & Ślósarczyk 1981: 89
Grange et al. 1981: 227
Housley et al. 1981: 38
Poore 1981: 341
Thompson 1981: 18, 43, 105, 107–108 (figs), 289, 298, 304, 319, 323, 325, 330
Wheeler 1981: 789
Ayling & Cox 1982: 87, 195, pl. 14
Crossland 1982b: 26
Paulin 1982: 437, 438, 439, 450, fig. 1, 2
Gunson 1983: 175–176, fig.
Kelly 1983: 122
Russell 1983: 123, 125, 141
Schiel 1984: 25, 51, 89
Paulin & Stewart 1985: 36
Pilgrim 1985: 30
Andrews 1986: 13, 16, 22, 26, 58
Hardy 1986c: 26
Paul 1986: 79, fig.
Francis M 1988c: 24, pl. 30
Jones G 1988: 453
Vlieg & Body 1988: 151–161
Hatanaka et al. 1989A: 52
Paulin et al. 1989: 168, 259
OECD 1990: 54
Doak 1991: 168, figs
Roberts C 1991: 10
Leach & Boocock 1993: *
Hickford & Schiel 1995: 221, figs 3, 5, 7
Willis 1995: 67
Francis M 1996a: 50
Francis M 1996b: 24, pl. 30
Anderson A 1997: 4, 5, 8, 10, 12, 19, fig. 2
Hickford et al. 1997: 253
Leach [et al. 1997A]: 60, 61, 62
Paul & Heath 1997a: 30, fig.

Paulin 1998: 41, fig.
Weisler et al. 1999: 43
Hine et al. 2000: 26
Paul 2000: 79

2239 *Scorpaena cooki*
Waite 1910b: 370–371, 379
Paulin 1982: 437, 440–441, fig. 4

2240 *Scorpaena cookii*
KERMADEC SCORPIONFISH
Paulin & Stewart 1985: 36
Marsh 1986: 147, 153
Schiel et al. 1986: 530, 531
Francis M et al. 1987: 4
Paulin et al. 1989: 168, 259, pl., p. [178a]
Cole et al. 1992: 210
Francis M 1993b: 144
Francis M 1996a: 50

2241 *Scorpaena cottoides*
Forster G [1772–1775]: 190
Forster J.R. 1801: MS2. 44
Cuvier 1829: 319–320
Richardson J 1842b: 212
Richardson & Gray 1843: 208
Richardson J 1843a: 18
Forster J.R. 1844: 128–130
Gill 1893: 96, 99, 117

2242 *Scorpaena cottorides*
Hutton 1877: 353

2243 *Scorpaena cruenta*
COBBLER, RED ROCK COD, SCARPEE, SCORPION FISH, SOLDIER FISH
Richardson J 1843a: 18
Gunther 1860: Vol. 2, 112–113
Hector 1872: 108–109
Hutton 1872: 10
Hutton 1873b: 261, pl. 8
Hector 1875a: 239
Hutton 1875a: 133
Gunther 1880a: 26, 77
Sherrin 1886: 300
Hutton 1890: 277
Murray 1895: 599
Hamilton A 1896: 12–13
Solander: MS 21
Hutton 1904c: 42
Waite 1907: 28
Archey 1927: 201
Phillipps 1927b: 53
Phillipps 1927c: 14
Fowler 1928: 285
Sladden & Falla 1928: 290
Phillipps 1932: 232–233
Graham D 1938: 417
Phillipps 1949c: 55–56, one fig.
Scott E 1952: 51
Manter 1954: 545–549, 551–552, 559
Moreland 1957: 34
JFA 1977: 128
Roberts C 1991: 10

2244 *Scorpoena cruenta*
Richardson 1642b: 217
Richardson & Gray 1843: 208

2245 *Scorpaena ergastulorum*
McCulloch 1929: 383–384
Scott E 1942: 51

2246 *Scorpaena militaris*
Richardson J 1846: iv, 22, pl. 14

2247 *Scorpaena oznoensis*
Sandager 1888: 128

2248 *Scorpaena papillosa*
RED SCORPION FISH
Hardy 1986c: 26
Hardy et al. 1987: 245
Paulin 1989c: 321

2249 *Scorpaena papillosus*
DWARF SCORPIONFISH, RED SCORPIONFISH
Paulin 1982: 437, 439–440, 450, figs 2, 3
Paulin & Stewart 1985: 36
Andrews 1986: 13, 16
Paul 1986: 79, fig.
Roberts et al. 1986: 358
Hurst & Bagley 1987: 13, 42, 44
Francis M 1988c: 24, pl. 31
Hatanaka et al. 1989A: 52
Paulin et al. 1989: 168, 259, fig. 101.7a
Roberts C 1991: 10, 18
Paulin & Roberts 1992: 137–138, figs 74a, b, pl. 28A, B
Paul et al. 1993: 79, fig.
Paulin & Roberts 1993: 197
Willis 1995: 67
Francis M 1996a: 50
Francis M 1996b: 25, pl. 31
Montgomery et al. 1996: 893–899, figs 1–4
Leach 1997: * figs
Montgomery & Hamilton 1997: 209–223, figs
Paul & Heath 1997a: 29, fig.
Paulin 1998: 55, fig.
Paulin & Roberts 1998: 163, 170, 172
Ryan & Paulin 1998: 124, 131, 136–137 (pls)
Taylor & Willis 1998: 257
Hickford & Schiel 1999: 296
Hine et al. 2000: 27
Paul 2000: 79, fig.

2250 *Scorpaena percoides*
SEA PERCH
Gunther 1880b: 414, fig. 179
Gunther 1887a: 17

Parkinson : 2.t.16, Vol. 2, No. 16
Solander : MS 21
Waite 1911b: 249
Young 1929: 149
Beaglehole 1962: 453, Vol. 1
Whitehead 1968: pl. 32

2251 *Scorpaena plebeia*
Richardson J 1842: 214
Richardson & Gray 1843: 208
Richardson J 1843a: 18
Solander : MS 1
Waite 1909a: 47

2252 *Scorpaenodes littoralis*
Paulin & Stewart 1985: 36
Paulin et al. 1989: 168, 259, fig. 101.5b
Poss 1999: 2338, fig.

2253 *Scorpaenodes scaber*
Francis M 1996a: 50

2254 *Sebastapistes barathri*
Gill 1893: 117
Hutton 1904c: 42
Waite 1907: 28

2255 *Sebastapistes byroensis*
ROCK COD
Whitley 1956b: 412
Whitley 1968a: 84

2256 *Sebastapistes cottoides*
Gill 1893: 94–95

2257 *Sebastodes maccullochi*
Phillipps 1927a: 127–128, pl. 2
Hubbs 1950: 70
Hardy 1990: 9

2258 *Sebastapistes percoides*
Gill 1893: 117
Hutton 1904c: 42
Waite 1907: 28

2259 *Sebastes percoides*
RED GURNARD PERCH, SEA PERCH
Richardson J 1842c: 384–385
Richardson & Gray 1843: 208
Richardson J 1843a: 18
Richardson J 1846: 23, pl. 15
Gunther 1860: Vol. 2, 101–102
Hector 1872: 108–109
Hutton 1872: 9–10
Hutton 1873b: 261, pl. 8
Hector 1875a: 239
Hutton 1875a: 133
Hutton 1877: 353
Gunther 1880a: 26, 76
Sherrin 1886: 88–89, 300
Sandager 1888: 128
Hutton 1890: 277
Murray 1895: 599
Hamilton A 1896: 13
Waite 1898: 36
Steindachner 1901: 491
Waite 1909a: 47
Regan 1914c: 21
Whitley 1955: 114, 119

2260 *Sebastes*
Gunther 1880b: 281, 413–414

2261 *Synanceia papillosa*
Cuvier 1829: Vol. 4, 319

2262 *Synanceja papillosus*
Bloch & Schneider 1801: 196–197

2263 *Trachyscorpia capensis*
CAPE SCORPIONFISH, DEEPWATER SCORPAENID, PINK SCORPAENID
Paulin 1982: 437, 441–442, fig. 5
Robertson et al. 1984: 24
Paulin & Stewart 1985: 36
Paul 1986: 79, fig.
Hine et al. 1987: 37
Clark M 1988: 419
Clark & King 1989: 52, 56
Paulin et al. 1989: 168, 259, fig. 101.5a
Amaoka et al. 1990: 234, fig.
Tracey et al. 1990: 34
Roberts C 1991: 5, 18
Paul 2000: 79, fig.

2264 JOCK STEWART
Dickinson 1958: 15

2265 PERCH
Thomson G 1892: 204

2266 ROCK PERCH
Cunningham 1951: 75

2267 SCARPEE
Leach [et al. 1999A]: *

2268 SCORPEN
Forster 1777: 126, Vol. 1

2269 SCORPION[-]FISH
Moreland 1959: 29
Doak 1974n: 1497
Doak 1974s: 1590
Doak 1975a: 1742
Paul 1966c: (1) 678
Creese et al. 1988: 57, fig. 17

2270 SEA PERCH
Graham D 1939a: 423–426, 429, 433–434
Benham 1940: 35
Graham D 1956: 67, 103, 147, l53
Whitley & Allan 1958: 15
Boyce et al. 1986: 4, *

Family Tetrarogidae Waspfishes

Species recognised in 2015:
Ocosia apia Poss & Eschmeyer, 1975 Waspfish

2271 *Ocosia apia*
Poss & Eschmeyer 1975: 8
Paulin 1982: 437, 447, fig. 11
Paulin & Stewart 1985: 36
Francis M et al. 1987: 12
Paulin et al. 1989: 168, 259
Francis M 1996a: 50
Poss 1999: 2324, fig.

Family Congiopodidae Pigfishes

Species recognised in 2015:
Alertichthys blacki Moreland, 1960 Alert pigfish
Congiopodus coriaceus Paulin & Moreland, 1979 Deepsea pigfish
Congiopodus leucopaecilus (Richardson, 1846) Southern pigfish

2272 *Agriopus leucopoecilus*
LEATHERJACKET, PIGFISH
Hutton 1872: 11
Hutton 1875a: 133
Hutton 1876: 211
Thomson G 1877: 486
Thomson G 1878: 330
Sherrin 1886: 59, 300
Hutton 1890: 277
Thomson G 1892: 207
Stenhouse 1894: 111–120, pls 10–13
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 169, 259, fig. 102.2
Amaoka et al. 1990: 242, fig.
Hardy 1990: 9
Paul et al. 1993: 119, fig.
McClatchie et al. 1997: 665
Paul & Heath 1997a: 31, fig.
Roberts C & Paulin 1997: 215
Paul 2000: 100, fig.

2273 *Agriopus peruvianus*
Hutton 1896: 314

2274 *Agriopus*
Hutton 1873a: 241
Hutton 1874b: 86
Gunther 1880b: 285

2275 *Alertichthys blacki*
ALERT PIGFISH
Moreland 1960a: 242–246, figs 1–7
Whitley 1968a: 84
Iwai et al. 1970: 19
Hureau 1971: 1019, 1025
Japan DSTA 1971: 66, *
Japan FSFRL 1972: 91, fig.
JFA 1972: *
JAMARC 1975: 15, *
JFA 1978: *
Taiwan FRI 1978: *
Korea FRDA 1978: 65, *
Robertson & Mito 1979: 420, fig. 12
Ayling & Cox 1982: 200, fig.
van den Broek et al. 1984: *
Davison & Van Berkel 1985: 149
Paulin & Stewart 1985: 36
Paul & Heath 1985: 63, pl. 24
Paul 1986: 100, fig.

2276 *Congiopodius leucopoecilus*
PIGFISH
Thomson & Anderton 1921: 24

2277 *Congiopodus coriaceus*
DEEPSEA PIGFISH
Paulin & Moreland 1979b: 601, 604–608, figs 2–3
van den Broek et al. 1984: *
Paulin & Stewart 1985: 36
Paul & Heath 1985: 63
Hardy 1986c: 26, 31
Paul 1986: 100
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 169, 259, fig 102.3[a]
Amaoka et al. 1990: 243, fig.
Hardy 1990: 9
Gauldie 1993c: 1*
Paul & Heath 1997a: 31
Paul 2000: 100, fig.

2278 *Congiopodus leucopaecilis*
Meglitsch 1960: 269, 301, 305, 346, 354

2279 *Congiopodus leucopaecilus*
PIGFISH, SOUTHERN PIGFISH
Waite 1907: 28
Waite 1911b: 249–250

Phillipps 1921a: 121
Phillipps & Hodgkinson 1922: 95
Phillipps 1927b: 53
Phillipps 1927c: 14
McCulloch 1929: 405
Wilson 1937: 31
Phillipps 1947: 48
Phillipps 1948: 130
Laird 1951: 303, 307
Manter 1954: 558
Graham D 1956: 230, 289, 339, 345, 350–355, 376, one fig.
Whitley 1956b: 412
Moreland 1960a: 241
Packard 1960: 63–64, figs 1–2
Parrott 1960: 163–165, fig. 61
Doogue & Moreland 1961: 290, one fig.
Hand 1961: 91–94
Graham J 1963: 169
Moreland 1963: 54, one fig.
Moreland 1965: 124, 1 fig.
McLintock 1966: (3) 709
Heath & Moreland 1967: 24, fig. 35
Whitley 1968a: 85
Iwai et al. 1970: 19
Hureau 1971: 1019, 1025
Japan DSTA 1971: 66, *
Shuntov 1971: 339
Anon 1972: 2, 6, 8
Hewitt & Hine 1972: 82
Japan FSFRL 1972: 90, fig.
JFA 1972: *
Waugh 1973: 267
Robertson 1974: 611–620, figs 1, 2
JAMARC 1975: 15, *
Robertson 1975c: 7, fig. 4
Wei et al. 1976: 57
JFA 1978: *
Korea FRDA 1978: 65, *
Taiwan FRI 1978: *
Francis M 1979: 67
Paulin & Moreland 1979b: 601–608, figs 1, 3
Shuntov 1979: 71, *
Robertson 1980a: 38–39, 56, 58
Robertson 1981: fig. 2
Ayling & Cox 1982: 199, pl. 15
Paulin & Stewart 1985: 36
Paul & Heath 1985: 63
Hardy 1986c: 26, 31
Paul 1986: 100, fig.
Hine et al. 1987: 38
Francis M 1988c: 24, pl. 28
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31

Family Plectrogeniidae

Species recognised in 2015:
Plectrogenium nanum Gilbert, 1905
Paulin et al. 1989: 169, 259, figs 102.1, 102.3[b], pl., p. [178a]
Amaoka et al. 1990: 243, 244, fig.
Hurst et al. 1990: 49
OECD 1990: 199
Paulin & Roberts 1992: 127–128, figs 67a, b, pl. 25E, F
Paul et al. 1993: 77, fig.
Paulin & Roberts 1993: 198
Francis M 1996a: 50
Francis M 1996b: 25, pl. 28
Leach 1997: * figs
Paul & Heath 1997a: 31, fig.
Jacob et al. 1998: 2126, 2136, 2138
Paulin 1998: 68, fig.
Paulin & Roberts 1998: 167
Hine et al. 2000: 35
Paul 2000: 100, fig.

2280 *Congiopodus leucopoecilus*
LEATHERJACKET, PIGFISH
Gill 1893: 118
Hutton 1904c: 42
Thomson G 1906: 545–546, 549, pl. 56
Thomson & Anderton 1921: 74, 89–90, 94, 96, three figs
Archey 1927: 201
Benham 1936: 26
Norman 1937: 127
Benham 1938: 56–57
Graham D 1938: 417
Graham D 1939b: 370

2281 *Congiopodus peruvianus*
Hutton 1904c: 42
Waite 1907: 28
Waite 1911b: 250
Phillipps 1927b: 54
Phillipps 1927c: 14
Norman 1937: 127

2282 *Congiopodus*
PIGFISH
McCulloch 1926: 37
Natusch 1967: 231, fig. 73

2283 PIG[-]FISH
Thomson G 1892: 204
Thomson G. 1909: 16
Thomson G 1913: 233
Graham D 1939a: 423–424, 427, 429, 432, 434
Benham 1940: 35
Parrott 1957: 141, 158
Dickinson 1958: 15
Moreland 1959: 29

2284 *Plectrogenium nanum*
Paulin 1982: 437, 447–448, fig. 12
Paulin & Stewart 1985: 36
Paulin et al. 1989: 168, 259
Poss 1999: 2328, fig

Family Triglidae Gurnards

Species recognised in 2015:
Chelidonichthys kumu (Lesson & Cuvier, 1829) Red gurnard
Lepidotrigla brachyoptera Hutton, 1872 Scaly gurnard
Lepidotrigla robinsi Richards, 1997 Kermadec scaly gurnard
Pterygotrigla andertoni Waite, 1910 Spotted gurnard
Pterygotrigla pauli Hardy, 1982 Yellowspotted gurnard
Pterygotrigla polyommata (Richardson, 1839) Latchet

2285 *Cheilidorichthys kumu*
GURNARD
Jones & Hadfield 1985: 480

2286 *Cheilodonichthys kumu*
Nalbant 1965: 72

2287 *Cheilodonicthys kumu*
GURNARD
Webb 1972b: 4, 7, 9, 11, 13, 16

2288 *Cheilonichthys kumu*
Manter 1954: 494

2289 *Chelidenichthys kumu*
RED GURNARD
Graham D 1938: 417

2290 *Chelidonichthes kumu*
GURNARD
Cassie 1955: 38, 70–72, 79, 91–92, 98

2291 *Chelidonichthyes kumu*
RED GURNARD
Ritchie et al. 1975: 2, 5

2292 *Chelidonichthys kumu*
COMMON GURNARD, GREY GURNARD, GURNARD, GURNET, LATCHET, N.Z. GURNARD, N.Z. LATCHET, RED GURNARD
Waite 1907: 29
Waite 1911b: 252
Thomson G 1913: 230
Phillipps 1921a: 122, 125
Thomson & Anderton 1921: 90–91, one fig.
Phillipps & Hodgkinson 1922: 96
Phillipps 1926a: 527
Archey 1927: 201
Barnard 1927: 941–942, fig. 28
Phillipps 1927b: 54
Phillipps 1927c: 14
Fowler 1928: 302
McCulloch 1929: 394
Young 1929: 149
Norman 1935: 3
Hefford 1936: 72, 74
Graham D 1939b: 370
Fowler 1940: 784
Phillipps 1947: 45
Phillipps 1948: 130
Phillipps 1949c: 56–57, one fig.
Powell 1951: 72, fig. 339
Roughley 1951: 131
Manter 1954: 499–500, 508–510, 513, 518–519, 545–549, 588
Cassie 1956a: 712
Kaberry 1957: 90
Hubbs 1959: 314–315
Moreland 1959: 29
Doogue & Moreland 1961: 291, one fig.
Graham J 1963: 169
McLintock 1966: (3) 708
Ochiai & Okada 1966: 3–5, figs 2, 3, pl. 1, 2
Paul 1966b: 37
Powell 1966: (1) 889, one fig.
Beaglehole 1967: 808
Tong & Elder 1968: 49, 51, 54–55, 57–58, 60–61, 64, 66, fig. 5
Reid 1969: 14–44
Godfriaux 1970a: 248–266
Godfriaux 1970b: 325–336
Shuntov 1970: 373–379
Sorenson 1970: 5, 23, 27–28, 32, 54, fig. 19
Coakley 1971: 8, 9, 24
Grace R 1971: 130
Japan DSTA 1971: 64, *
Staples 1971: 70–79
Grace R 1972b: 187
Hewitt & Hine 1972: 81
Japan FSFRL 1972: 91
JFA 1972: *
Staples 1972: 365–374, figs 2–4
Watkinson & Smith 1972: 13, 19–21, 31, 40, 41, 72, 73, 74, 85, 86, fig.
Stead 1973: Appendix
Vooren & Tong 1973: 14
Waugh 1973: 267, 269, 271
Elder 1974: 1316–1318, figs
Paul 1974e: 570
Vooren 1974: 11–43
Allen 1975: 1–9
JAMARC 1975: 15, *
Ritchie et al. 1975: *

Robertson 1975c: 14, fig. 9
Vooren 1975: 121, 134, 128
Allen 1976: 691–692, fig. 1
Allen et al. 1976: 392
Elder 1976: 1–77, figs 2–29
Gordon & Ballantyne 1976: 30
Waugh 1976a: 6, 7, 16–17, 30
Avdeev 1978: 281
Kilner & Akroyd 1978: 58–60
Chubb et al. 1979: 19
Francis M 1979: 67
Leach 1979: 117, 121
Leach et al. 1997b: 103, 105, 112
Shuntov 1979: 70, *
Kawahara 1980: *
Paul & Tarring 1980: 239
Robertson 1980a: 36–37
Crossland 1981a: 23–24, figs 20–22
Grabda & Ślósarczyk 1981: 95
JAMARC 1981a: 21, *
Sullivan 1981: 4, 5, 10, figs 3, 4
Thompson 1981: 105–106, 109–111 (figs), 294, 295, 304, 307, 311, 316, 327, fig. 5
Ayling & Cox 1982: 13, 16, 197, pl. 15
Crossland 1982b: 27–28, 49
Hardy 1982a: 207
Heemstra 1982: 292
Gunson 1983: 182, fig.
Hauraki Gulf Maritime Park Board 1983: 49, 170
Last et al. 1983: 321–322, fig.
Paul et al. 1983: 7–8, 13
Gauldie 1984a: 95, 99
van den Broek et al. 1984: *
Vlieg 1984a: 99–104
Francis RI 1985: 375, 382, 384
Paulin & Stewart 1985: 37
Andrews 1986: 11–14, 16, 26, 85, 88, 91
Paul 1986: 80–81, figs
Probert 1986: 410, 412
Roper 1986: 705–717
Hardy et al. 1987: 245
Hine et al. 1987: 37
Hurst & Bagley 1987: 6, 34, 42
Paulin 1987a: 20, fig.
Tracey & van den Broek 1987: 128–130, 134
Fenaughty C et al. 1988: 11, 21, 26, 31, 36, 41
Francis M 1988c: 25, pl. 29
Gauldie 1988a: 395–396
Gilbert 1988: 29–31, 34
Kingsford 1988: 466, 468, 471
Massey 1988: 75–84, fig. 3
Sewell 1988: 10
Vlieg 1988: 17, 21, 33, 43, 49
Vlieg & Body 1988: 151–161
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989B: 31
Massey 1989: 8
Paulin et al. 1989: 170, 259, fig. 103.3, pl., p. [178a]
Amaoka et al. 1990: 235, fig.
Hurst et al. 1990: 49
Jones J 1990b: 21
OECD 1990: 122, 216
Roberts C 1991: 18
Paul 1992: 889–890
Tricklebank et al. 1992: 268
Leach & Boocock 1993: *
Paul et al. 1993: 89, fig.
Clearwater & Pankhurst 1994: 131–139, figs 1–5
Francis M 1996b: 25–26, pl. 29h
Paulin et al. 1996: 20, fig.
Anderson A 1997: 4–8, 10, 20, fig. 3
Bellamy & Hunter 1997: 229–234
Clearwater & Pankhurst 1997: 429–441, figs 1–4
Hickford et al. 1997: 251, 252, 253, 255, 256, fig. 3
Leach 1997: * figs
Leach [et al. 1997A]: 60, 62
McClatchie et al. 1997: 665
Paul & Heath 1997a: 32, fig.
Richards 1997: 1058
Roberts C & Paulin 1997: 212
Freeman 1998: 38
Horwood et al. 1998: 22, *
Jacob et al. 1998: 2126, 2135, 2137, 2138
Paulin 1998: 53, fig.
Paulin & Roberts 1998: 164, 167
Taylor & Willis 1998: 258, figs 1, 2
Bradford 1999b: 114–115, figs 1, 2
Richards 1999: 2364, fig.
Weisler et al. 1999: 43
Wharton et al. 1999: 643–648
Hine et al. 2000: 34
Leach & Davidson 2000b: fig. 1
Paul 2000: 80–81, 207, figs

2293 *Chelidonichthys kum*
Wei et al. 1976: 1–101, fig.

2294 *Chelidonichthys (Trigla) kumu*
Waite 1909a: 47, 58
Beaglehole 1962: 453, Vol. 1

2295 *Chelidonichthys*
Waite 1911d: 26

2296 *Chelidonichtys kumu*
RED GURNARD
Iwai et al. 1970: 19, pl. 4

2297 *Chelodonichthys kumu*
GURNARD
Hughes et al. 1980: 43–51
Thompson 1981: 19

2298 *Chilidonichthys kumu*
RED GURNARD
Ayson 1924: 8, fig.

2299 *Corrupiscis kumu*
RED GURNARD
Parrott 1957: 165, frontispiece pl.

2300 *Currupiscis kumu*
RED GURNARD
Whitley 1955: 119
Graham D 1956: 28, 107, 359–363, one fig.
Whitley 1956b: 412
Parrott 1957: 166–168, one fig. frontispiece pl.
Whitley 1968a: 85

2301 *Currupiscis*
RED GURNARD
Natusch 1967: fig. 73

2302 *Lepidoperca lepidopetera*
GURNARD
Ayson 1924: 8

2303 *Lepidotrigla baachyopters*
GURNARD
Japan, DSTA 1971: 66, *

2304 *Lepidotrigla brachoptera*
Wei et al. 1976: 57

2305 *Lepidotrigla brachyoptera*
GURNARD, SCALY GURNARD
Hutton 1872: 27
Hutton 1873b: 263, pl. 15
Sherrin 1886: 302
Hutton 1890: 280
Waite 1907: 29
Waite 1911b: 254–255
Thomson G 1913: 230
Phillipps 1926a: 527
Phillipps 1927b: 54
Phillipps 1927c: 14
Young 1929: 149
Norman 1935: 3
Graham D 1938: 417
Shorland 1950: 35
Graham D 1956: 30, 314, 363–364, 381, one fig.
Whitley 1956b; 412
Parrott 1957: 165–167, one fig.
Graham J 1963: 169
Tong & Elder 1968: 64, 66
Whitley 1968a: 86
Iwai et al. 1970: 20
Hewitt & Hine 1972: 88
Japan FSFRL 1972: 92, fig.
JFA 1972: *
Vooren 1973b: 109, 111
Elder 1974: 1316–1318, fig.
JAMARC 1975: 15, *
JFA 1978: *
Kawahara 1980: *
Robertson 1980a: 36
Thompson 1981: 106
Ayling & Cox 1982: 198, pl. 15
Paul et al. 1983: 8, 13
van den Broek et al. 1984: *
Davison & Van Berkel 1985: 149
Paul & Heath 1985: 55, pl. 20
Paulin & Stewart 1985: 37
Paul 1986: 81, fig.
Hine et al. 1987: 38
Hurst & Bagley 1987: 42
Paulin 1987a: 20, fig.
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 170, 259, fig. 103.2b
Hurst et al. 1990: 49
Richards 1992: 52, 54, 62
Paul et al. 1993: 105, fig.
Paulin et al. 1996: 20, fig.
Russell 1996: 226
McClatchie et al. 1997: 666
Paul & Heath 1997b: 55, fig.
Richards 1997: 1050, 1055–1059, figs 3, 4
Jacob et al. 1998: 2126, 2138
Paulin & Roberts 1998: 167
Roberts C 1991: 18
Hine et al. 2000: 36
Paul 2000: 81, fig.

2306 *Lepidotrigla brachyptera*
Gill 1893: 120
Hutton 1904c: 45

2307 *Lepidotrigla brahyoptera*
Shuntov 1979: 70, *

2308 *Lepidotrigla branchioptera*
SCALY GURNARD
Amaoka et al. 1990: 236, fig.

2309 *Lepidotrigla robinsoni*
Richards 1997: 1050–1059, figs 1, 2

2310 *Lepidotrigla vanessa*
BUTTERFLY GURNARD, GURNARD, SCALY GURNARD
Gill 1893: 120
Hutton 1904c: 45
Waite 1907: 29
Waite 1911b: 254
Phillipps 1927b: 54
Phillipps 1927c: 14
McCulloch 1929: 394
Whitley 1956b: 412
Elder 1974: 1316–1318
Thompson 1981: 106

2311 *Lepidotrigla*
Gunther 1880b: 285
Waite 1909a: 58–59
Natusch 1967: fig. 73

2312 *Paratrigla (Aoyagichthys) vanessa*
BUTTERFLY GURNARD
Whitley 1968a: 86

2313 *Pterygotrigla andertoni*
Waite 1911b: 254
Waite 1911d: 26
McCulloch 1914: 153
Richards 1992: 60
Richards 1997: 1058
Richards 1999: 2372, fig.

2314 *Pterygotrigla pauli*
YELLOW SPOTTED GURNARD
Hardy 1982a: 207–210, fig. 1
Yatou & Yamakawa 1983: 217
Paulin & Stewart 1985: 37
Paul 1986: 81
Paulin et al. 1989: 170, 259
Amaoka et al. 1990: 237, fig.
Hardy 1990: 10
Yano 1993b: 352
Paul 2000: 81, fig.

2315 *Pterygotrigla picta*
GURNARD, JAPANESE GURNARD, SPOTTED GURNARD
Waite 1911b: 157, 252–254, pl. 55
Waite 1912c: 321
McCulloch 1914: 152–153
Phillipps 1921a: 123, 125
Phillipps & Hodgkinson 1922: 96
Archey 1927: 201
Phillipps 1927b: 55
Phillipps 1927c: 14
McCulloch 1929: 393
Norman 1935: 3
Graham D 1938: 417
Hubbs 1959: 313–315
Moreland 1959: 29
Tong & Elder 1968: 64, 66
Elder 1974: 1316–1318, fig.
Robertson 1975c: 15
JAMARC 1976: 21, *
JFA 1977: 128, 129
Francis M 1979: 67
Shuntov 1979: 71, *
Robertson 1980a: 36
Thompson 1981: 106
Ayling & Cox 1982: 197, fig.
Hardy 1982a: 207, 208
Paul et al. 1983: 13
Paulin & Stewart 1985: 37
Paul & Heath 1985: 55, pl. 20
Paul 1986: 81, fig.
Hine et al. 1987: 37
Clark M 1988: 419
Clark & King 1989: 52
Paulin et al. 1989: 170, 259
Amaoka et al. 1990: 237, 238, fig.
OECD 1990: 274
Richards 1992: 60
Paul et al. 1993: 105, fig.
Paul & Heath 1997b: 54, fig.
Richards 1997: 1058
Paul 2000: 81, fig.

2316 *Pterygotrigla picta andertoni*
SPOTTED GURNARD
Graham D 1956: 364–365, one fig.
Whitley 1956b: 412
Whitley 1968a: 86
JFA 1972: *
JAMARC 1975: 15, *
Wei et al. 1976: 57, fig.
JAMARC 1979: 18, *

2317 *Pterygotrigla polyommata*
LATCHET, SHARP-BEAKED GURNARD
Hardy 1982a: 207–208
Paulin & Stewart 1985: 37
Paul 1986: 81
Paulin et al. 1989: 170, 259
Amaoka et al. 1990: 238

2318 *Pterygotrigla*
SPOTTED GURNARD
Natusch 1967: fig. 73
Paulin 1987a: 20, fig.

2319 *Pterygotrigla* sp.
Paulin et al. 1996: 20, fig.

2320 *Trigla kumoides*
Steindachner 1901: 498
Waite 1907: 35
Phillipps 1927c: 14
von Wahlert 1955: 325
Whitley 1955: 114, 119

2321 *Trigla kumu*
COMMON GURNARD, GURNARD, N.Z. LATCHETT, RED GURNARD
Cuvier 1829: Vol. 4, 50–52
Lesson 1830: 214–216, pl. 19
Jenyns 1842: 27–28
Richardson J 1842d: 84
Gunther 1860: Vol. 2, 204
Hector 1872: 113, pl. 6
Hutton 1872: 28
Hutton 1873a: 241
Hutton 1874b: 86
Hutton 1875a: 133
Thomson G 1877: 486
McCoy 1878–90: 20, pl. 6
Thomson G 1878: 326
Castelnau 1879: 361, 380
Thomson G 1879: 381
Hector 1884b: 53, 55
Hector 1886a: 26, 28
Sherrin 1886: 36–37, 302
Hutton 1890: 280
Thomson G 1892: 210
Gill 1893: 120
Jenyns : 27

Hutton 1904c: 45
Thomson G 1906: 550
Anderton 1907: 478–479, pls 17–18
Waite 1909a: 58–59
Anderton 1910: 12
Regan 1914c: 21
Thomson G 1916: 230
Thomson & Anderton 1921: 91, one fig.
Whitley 1955: 114
McKenzie 1960: 45, 47
McKenzie 1961a: 1–2, 8
Moreland 1963: 54, one fig.
Anon. 1965: 16, fig. 23
Cunningham 1966: (1) 680–683, 687
Howell 1966b: 33
Tunbridge 1966a: 4–5, 8, 10–11, figs 2, 7
Heath & Moreland 1967: 28, fig. 41
Sorensen 1968: 148, 150
York 1970: 10
Webb 1971: 307
JAMARC 1972: 11, *
Brook & Ramsey 1974: 155–166
Korea FRDA 1978: 66, *
Ford & Gauldie 1979: 273–276
Gauldie & Johnston 1980: 171, 179
Eldon & Kelly 1985: 23
Roberts C & Paulin 1997: 212

2322 *Trigla papilionacea*
GURNARD, KUMU
Cuvier 1829: Vol. 4, 52
Richardson & Gray 1843: 207–208
Richardson J 1843a: 18
Parkinson : 2.t. 104, Vol. 2, No. 104
Solander : MS 21
Beaglehole 1962: 453, Vol. 1
Whitehead 1968: pl. 35

2323 *Trigla picta*
Waite 1911b: 254

2324 *Trigla vanessa*
GURNARD
Hector 1889b: 530

2325 *Trigla volitans*
Taylor 1870: 624

2326 *Trigla*
Gunther 1880b: 285
Packard 1960: 64

2327 GURNARD, GURNET, GURNETT
Rochon 1783:
Yate 1835: 71
Polack 1838: 323
Polack 1840: 202
Hodgskin 1841: 34
Taylor 1855: 411
Taylor 1870: 624
Hector 1872: 100–101
Thomson G 1878: 329
Sherrin 1886: 7, 143, 284, 108
Thomson G 1892: 204
Thomson G 1901: 574
Drummond & Hutton 1905: 71
Hamilton A 1908: 3
Thomson G. 1909: 16
Young 1926a: 100
Best 1929: 62
Hefford 1929: 54
Poata 1929: 14, 16
Fairchild 1933: 153
Young 1935: 30–31
Benham 1936: 27
Rapson 1940: 35
Cassie 1957a: 4
Dickinson 1958: 10–15
Moreland 1959: 29
Gorman 1963: 7, 14, fig. 3
Street 1964: 16
Sorensen 1965a: 24
Sorensen 1965b: 119
Sorensen 1965c: 128
Paul 1966c: (1) 678
Clark I et al. 1988: 328

2328 RED GURNARD
Graham D 1939a: 423–429, 434
Paul 1983: 48
Struik 1983: 215–216
Boyce et al. 1986: 4, *
Horn 1986: 429
Pankhurst & Pankhurst 1989: 33
Leach [et al. 1999A]: *

2329 SPOTTED GURNARD
Dickinson 1958: 15

Family Hoplichthyidae Ghost flatheads

Species recognised in 2015:
Hoplichthys cf. *haswelli* McCulloch, 1907 Deepsea ghostflathead
Hoplichthys gilberti Jordan & Richardson, 1908 Slender ghostflathead

2330 *Hoplichthys gilberti*
Amaoka et al. 1990: 239, 240, fig.

2331 *Hoplichthys haswelli*
DEEPSEA FLATHEAD, SPINY FLATHEAD
Thompson 1930: 278

Laird 1952: 589, 594–596, 600
Moreland 1957: 34
Iwai et al. 1970: 19
Japan DSTA 1971: 66, *
Hewitt & Hine 1972: 86–87
Japan FSFRL 1972: 91, fig.
JAMARC 1975: 15, *
Robertson 1975c: 13
Wei et al. 1976: 57
JFA 1978: *
Francis M 1979: 67
Ayling & Cox 1982: 198
Last et al. 1983: 335–336, fig.
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Paulin & Stewart 1985: 37
Hurst & Bagley 1987: 42
Clark & King 1989: 52, 56
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 171, 259, fig. 104.1
Amaoka et al. 1990: 240, 241, fig.
Hurst et al. 1990: 49
OECD 1990: 102
Roberts C 1991: 18
Sin et al. 1992: 469
McClatchie et al. 1997: 666
Jacob et al. 1998: 2126, 2139
Hine et al. 2000: 62

2332 *Hoplichthys* sp.
Amaoka et al. 1990: 241, fig.

2333 *Hoplicthys haswelli*
Taiwan FRI 1978: *
Mitchell 1984: 271, 273

2334 *Rhinhoplichthys haswelli*
DEEPSEA FLATHEAD
Whitley 1968a: 85
Elder 1974: 1317–1318, fig.
Shuntov 1979: 72, *

2335 *Rhinoplichthys haswelli*
DEEPSEA FLATHEAD
Whitley 1956b: 412

Family Cottidae Sculpins

Species recognised in 2015:
Antipodocottus elegans Fricke & Brunken, 1984 Eastern sculpin
Antipodocottus galatheae Bolin, 1952 Southern sculpin
Antipodocottus megalops DeWitt, 1969 Longlined sculpin

2336 *Antipodocottus galatheae*
SCULPIN
Bolin 1952: 432–441, fig. 1–2
Whitley 1956b: 412
Whitley 1968a: 85
DeWitt 1969: 30, 33
Nelson 1975: 80–86, fig. 2
Ayling & Cox 1982: 200, 201
Fricke & Brunken 1983: 12
Paulin & Stewart 1985: 37
Paulin et al. 1989: 171–172, 259, figs 105.1, 105.2a
Nelson 1990: 844
Roberts C & Paulin 1997: 214

2337 *Antipodocottus megalops*
SCULPIN
DeWitt 1969: 30–34, fig.
Nelson 1975: 80–85
Ayling & Cox 1982: 200–201
Fricke & Brunken 1983: 12
Paulin & Stewart 1985: 37
Paulin et al. 1989: 171–172, 259, fig. 105.2b
Nelson 1990: 844
McClatchie et al. 1997: 665
Roberts C & Paulin 1997: 215

Family Psychrolutidae Toadfishes

Species recognised in 2015:
Ambophthalmos angustus (Nelson, 1977) Pale toadfish
Ambophthalmos eurystigmatephoros Jackson & Nelson, 1999 Marbled toadfish
Ambophthalmos magnicirrus (Nelson, 1977) Hairy toadfish
Cottunculus nudus Nelson, 1989 Bonyskull toadfish
Ebinania sp. Hairynose blobfish
Neophrynichthys heterospilos Jackson & Nelson, 2000 Southern dark toadfish
Neophrynichthys latus (Hutton, 1875) Dark toadfish
Psychrolutes microporos Nelson, 1995 Blobfish

2338 *Ambophthalmos angustus*
Jackson & Nelson 1999: 428–433, figs 3, 4

2339 *Ambophthalmos eurystigmatephoros*
Jackson & Nelson 1999: 428–433, figs 1–4

2340 *Cottunculoides* sp.
BONY SKULL TOADFISH
Robertson et al. 1984: 24

2341 *Cottunculus nudus*
BONYSKULL TOADFISH
Paulin et al. 1989: 172, 259, fig. 106.1
Amaoka et al. 1990: 245, fig.
Hardy 1990: 10
Roberts C 1991: 5, 18
McClatchie et al. 1997: 665

2342 *Cottunculus thomsonii*
WARTY TOADFISH
Paulin & Stewart 1985: 37

2343 *Cottunculus* sp.
BONY SKULL TOADFISH
Hatanaka et al. 1989A: 52

2344 *Neophrinichthys latus*
Howell 1966b: 33

2345 *Neophrynichthys angustus*
PALE TOADFISH
Nelson 1977: 487, 491–497, 507, figs 3–6
Nelson 1982: 1501
Ayling & Cox 1982: 200, 201, pl. 20
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Clark 1985b: 373
Davison & Van Berkel 1985: 149
Paulin & Stewart 1985: 37
Hine et al. 1987: 38
Vlieg & Body 1988: 151–161
Clark & King 1989: 52
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 172, 259, fig. 106.3a
Amaoka et al. 1990: 246, 247, fig.
Hurst et al. 1990: 49
Tracey et al. 1990: 34
Hardy 1990: 10
Gauldie [et al. 1991A]: 2, 8, figs
Roberts C 1991: 18
McClatchie et al. 1997: 666
Jacob et al. 1998: 2126, 2137, 2139
Hine et al. 2000: 65

2346 *Neophrynichthys heterospilos*
Jackson & Nelson 2000: 719–726, figs 1–5

2347 *Neophrynichthys latus*
DARK TOADFISH, TOADFISH
Gunther 1876: 395–396
Gunther 1877: 470
Gunther 1880b: 469
Gunther 1881: 20
Arthur 1885: 166–168, pl. 14
Sherrin 1886: 302
Gill 1888: 322–323, 325–327, pl. 1
Hutton 1890: 280
Gill 1893: 118
Hutton 1904c: 42
Thomson G 1906: 549
Waite 1907: 28
Waite 1911b: 250–251
Thomson & Anderton 1921: 90, one fig.
Archey 1927: 201
Phillipps 1927b: 54
Phillipps 1927c: 14
Benham 1936: 27
Norman 1937: 128
Graham D 1939b: 370, pl. 47
Bolin 1952: 431
Graham D 1956: 30, 32, 199, 209–210, 356–358, two figs
Whitley 1956b: 412
Moreland 1957: 34
Graham J 1963: 169
Whitley 1968a: 85
Iwai et al. 1970: 19
Japan DSTA 1971: 66, *
Shuntov 1971: 339
Hewitt & Hine 1972: 90
Japan FSFRL 1972: 91, fig.
JFA 1972: *
JAMARC 1975: 15, *
Wei et al. 1976: 57
Nelson 1977: 485, 505–508, fig. 11
JFA 1978: *
Taiwan FRI 1978: *
Francis M 1979: 67
Shuntov 1979: 72, *
Ayling & Cox 1982: 200, 201, fig.
Nelson 1982: 1499, 1502
van den Broek et al. 1984: *
Paulin & Stewart 1985: 37
Fenaughty & Uozumi 1989: 36
Hatanaka et al. 1989A: 52
Paulin et al. 1989: 172, 259, fig. 106.3b
Amaoka et al. 1990: 247, fig.
Hurst et al. 1990: 49
Roberts C 1991: 18
Paul 1992: 890
Gauldie 1993c: 1*
McClatchie et al. 1997: 666
Jacob et al. 1998: 2126, 2139
Hine et al. 2000: 65
Jackson & Nelson 2000: 719–726, figs 1–5

2348 *Neophrynichthys magnicirrus*
FRILLED TOADFISH
Hatanaka et al. 1989A: 52

2349 *Neophrynichthys ?marcidus*
Paulin & Stewart 1985: 37
Paulin et al. 1989: 259
Amaoka et al. 1990: 248, fig.

2350 *Neophrynichthys*
SPOTTED TOADFISH
Natusch 1967: 231, fig. 73

2351 *Neophrynichthys* sp.
TOADFISH
van den Broek et al. 1984: *
Hatanaka et al. 1989A: 52
Jacob et al. 1998: 2126, 2137

2352 *Neophyrnichthys latus*
TOADFISH
Graham D 1938: 417

2353 *Psychrolutes latus*
Hutton 1875a: 133
Hutton 1875b: 316–317
Gunther 1876: 396
Hutton 1876: 214
Gunther 1877: 470
Gill 1888: 322
Hutton 1890: 280
Nelson 1980: 443
Russell 1996: 215, 219, 226

2354 *Psychrolutes microporos*
Nelson 1995: 67–76, figs

2355 *Psychrolutes obesus*
DEEPWATER SCULPIN
Gauldie [et al. 1991A]: 2, 17–18, fig. 11

2356 *Psychrolutes* sp.
BLOBFISH
Robertson et al. 1984: 24
Paulin & Stewart 1985: 37
Hine et al. 1987: 38
Clark & King 1989: 52
Paulin et al. 1989: 172, 259, fig. 106.2
Tracey et al. 1990: 34
Roberts C 1991: 18
McClatchie et al. 1997: 667
Hine et al. 2000: 66

2357 TOADFISH
Graham D 1939a: 423–424, 429

Family Liparidae Snailfishes

Species recognised in 2015:
Aetheliparis taurocanis Stein, 2012 Bulldog snailfish
Careproctus narilobus Stein, 2012 Dark careproctus
Careproctus novaezelandiae Andriashev, 1990 Bounty snailfish
Careproctus pellucicauda Stein, 2012 Cleartail careproctus
Notoliparis kermadecensis (Nielsen, 1964) Kermadec snailfish
Osteodiscus rhepostomias Stein, 2012 Hardsucker snailfish
Paraliparis exilis Stein, 2012 Slender snailfish
Paraliparis freebornae Stein, 2012 Freeborn's snailfish
Paraliparis pearceyi Stein, 2012 Pearcey's snailfish
Paraliparis pseudokreffti Stein, 2012 Mimic snailfish
Psednos argyrogaster Stein, 2012 Silverbelly psednos
Psednos chathami Stein, 2012 Chatham Rise psednos
Psednos cryptocaeca Stein, 2012 Shortfin psednos
Psednos longiventris Stein, 2012 Longbelly psednos
Psednos microstomus Stein, 2012 Smallmouth psednos
Psednos nemnezi Stein, 2012 Museum psednos
Psednos platyoperculosus Stein, 2012 Bigeye psednos
Psednos struthersi Stein, 2012 Struthers' psednos

2358 *Careproctus kermadecensis*
Nielsen 1964: 117, fig. 5

2359 *Careproctus novaezelandiae*
Andriashev 1990: 13, fig. 3

Order PERCIFORMES Perch-like fishes

Family Acropomatidae Ocean basses

Species recognised in 2015:
Acropomatidae Gen. et sp. Enigmatic ocean bass

2360 *Acropoma*
DEEPSEA SOLDIERFISH
Whitley 1956b: 406

Family Polyprionidae Wreckfishes

Species recognised in 2015:
Polyprion americanus (Bloch & Schneider, 1801) Bass
Polyprion oxygeneios (Schneider & Forster, 1801) Hapuku

2361 *Hectoria gigas*
HAPUKU
Sherrin 1886: 40

2362 *Hectoria*
Gunther 1887b: 237

2363 *Oligorus gigas*
COD-FISH, GROPER, HABUKA, HAPUKA, HAPUKU, WHAPUKU
Gunther 1859: Vol. 1, 251–252
Hector 1872: 102–105, pl. 1
Hutton 1872: 1–2
Hutton 1873b: 259
Mair 1873: 153
Hector 1875a: 239
Thomson G 1877: 485
Thomson G 1878: 326
Thomson G 1879: 382
Gunther 1880b: 392
Hector 1884b: 53–54
Reischek 1884: 198
Johnston 1885: 253
Reischek 1885: 198
Hector 1886a: 26, 28
Sherrin 1886: 40–45, 299
Gunther 1887b: 237
Hector 1887a: 446–447
Sandager 1888: 127
Hutton 1890: 276
Gill 1893: 98
Johnson 1920: 22–26
Johnson 1921: 473–478
Malcolm & Hamilton 1924: 376

2364 *Oligorus prognathus*
Hutton 1875a: 132

2365 *Oligorus*
GROPER
Waite 1912b: 200
Thomson & Anderton 1921: 72

2366 *Perca prognatha*
Gunther 1887b: 236
Gill 1893: 96

2367 *Perca prognathus*
Forster G [1772–1775]: 18
Forster J.R. 1801: MS 4. 19
Cuvier 1829: Vol. 3, 29–30
Forster J.R. 1844: 309–310
Hutton 1873b: 259
Gill 1893: 98

2368 *Polyprion americanus*
BASS, BASS GROPER, BLACK BASS, MOEONE, SEA BASS, SOUTH AFRICAN STONE BASS, WRECK-FISH
Thomson G 1913: 228
Waite 1913a: 215–218, pls. 5–6
Phillipps 1918: 269
Phillipps 1921a: 114, 124
Thomson & Anderton 1921: 75
Archey 1922: 295
Phillipps & Hodgkinson 1922: 91
Ayson 1924: 7
Archey 1927: 199
Barnard 1927: 488–489
Phillipps 1927a: 126–127
Phillipps 1927b: 32
Phillipps 1927c: 12
Denz & Shorland 1934: 327–331, fig. 1
Hefford 1936: 72
Shorland 1937: 223–224
Graham D 1938: 409
Graham D 1939b: 365
Phillipps 1947: 46
Shorland 1948b: 116–117, 120
Cunningham M et al. 1949: 224
Shorland 1950: 33–34, 41
Kaberry 1957: 91
Parrott 1957: 67
Beurois 1975: 55
Francis M 1988c: 25
Horn 1989: 11
Horn & Massey 1989: 7
Paulin et al. 1989: 173, 259, figs 107.1, 107.3b
Roberts C 1989a: 1–9, figs 1–3
Amaoka et al. 1990: 250
Roberts C 1991: 11
Paul et al. 1993: 99, fig.
Francis M 1996a: 50
Paulin et al. 1996: 23, fig.
Sedberry et al. 1996: 318–329, fig. 1
McClatchie et al. 1997: 667
Paul & Heath 1997b: 57, fig.
Jacob et al. 1998: 2127
Paulin 1998: 10, fig.
Beentjes & Francis 1999: 11
Francis M et al. 1999: 227, 228
Ball et al. 2000: 1077–1090, figs 1–3
Duffy et al. 2000: 356
Leach & Davidson 2000b: fig. 1
Visser 2000: 242

2369 *Polyprion cernium*
Cuvier 1829: Vol. 3, 21–30, pl. 42
Gunther 1887b: 236–237
Gill 1893: 96

2370 *Polyprion cernum*
CHERNY, JEW-FISH, WRECK-FISH
Richardson J 1843a: 15
Hutton 1873b: 259

2371 *Polyprion cernuum*
Richardson & Gray 1843: 206
Taylor 1870: 623

2372 *Polyprion moene*
BASS
Thompson 1981: 112

2373 *Polyprion moeone*
BASS, BASS GROPER, BLACK BASS, DEEP SEA GROPER
Phillipps 1927a: 126–127
Powell 1951: 69
Parrott 1957: 66–69, 76, one fig.
Doogue & Moreland 1961: 223–224, 226, one fig.
Graham J 1963: 168
Hewitt 1963: 61, 97
Anon. 1965: 15, fig. 22
McLintock 1966: (3) 707–708
Heath & Moreland 1967: 52, fig. 93
Natusch 1967: 219, fig. 68
Sorenson 1970: 5, 26–27
Russell 1971b: 84
Hewitt & Hine 1972: 93
JAMARC 1972: 11, *
Watkinson & Smith 1972: 23
Doak 1974e: 1131–1136
Ritchie et al. 1975: 2
Francis M 1979: 67
Fenaughty & Bagley 1981: 126
Ayling & Cox 1982: 204, fig.
Johnston 1983: 3, 4, 5, 24, 33
Paul et al. 1983: 13
Kelly 1983: 122
Last et al. 1983: 347, fig.
King & Clark 1984: 35
Paulin & Stewart 1985: 38
Pilgrim 1985: 29
Paul 1986: 83, fig.
Hardy et al. 1987: 245
Hurst & Bagley 1987: 6–8
Paulin 1987a: 13, fig.
Roberts C 1987a: 158–160
Uozumi et al. 1987: 11
Clark M 1988: 419
Fenaughty C et al. 1988: 10
Clark & King 1989: 53
Fenaughty & Uozumi 1989: 5, 36–37
Amaoka et al. 1990: 250
OECD 1990: 128, 313
Jacob et al. 1998: 2127
Ball et al. 2000: 1088
Hine et al. 2000: 48
Paul 2000: 83, figs

2374 *Polyprion oxygeneion*
Japan, FSFRL 1972: 88, fig.
JFA 1972: *
JAMARC 1975: 15, *
JAMARC 1976: 21, *
Wei et al. 1976: 56, fig.
JAMARC 1979: 18, *
JFA 1978: *

2375 *Polyprion oxygeneios*
GROUPER, HAPUKU, N.Z. GROPER
Colenso 1844: 6
Gill 1893: 96
Waite 1912: 319
Waite 1913: 215, 217
Phillipps 1918: 26–28
Phillipps 1921a: 114, 124
Archey 1922: 295
Phillipps & Hodgkinson 1922: 91
Ayson 1924: 7, figs
Archey 1927: 194, 199, pl. 1
Phillipps 1927a: 126–127
Phillipps 1927b: 32
Phillipps 1927c: 12
McCulloch 1929: 143
Thomson G 1930: 278
Denz & Shorland 1934: 327–331, fig. 1
Cunningham 1935: 563–567
Norman 1935: 3
Hefford 1936: 72, 74
Shorland 1937: 223–224
Graham D 1938: 409
Graham D 1939b: 366
Shorland 1939: 1940
Rapson 1940: 30
Cunningham & Scott 1944: 21–26
Weeber 1945: 264–267
Phillipps 1947: 42
Oliver & Shorland 1948: 19
Phillipps 1948: 129
Shorland 1948b: 112, 114, 116–120
Cunningham M et al. 1949: 216, 218–219, 224
Phillipps 1949c: 35–36, one fig.
Hartman 1950a: 409–411
Shorland 1950: 30, 32–34, 38, 40
Cunningham 1951: 75
Powell 1951: 60, 69, fig. 327
Fell 1952: 35
Shorland 1953: 673–677, figs 1, 2
Manter 1954: 486–489, 545–548, 559
Cassie 1955: 70–71, 79
Moreland 1956: 10
Kaberry 1957: 90–91
Parrott 1957: 67, 69–71, one fig. pl. 2
Yaldwyn 1957b: 1–2, 16, 22, 25
Parrott 1960: 67, 85, 164
Doogue & Moreland 1961: 223–226, 248, 281, one fig.
Graham J 1963: 168

Hewitt 1963: 61, 97
Moreland 1963: 28, one fig.
Castle 1964a: 24
Street 1964: 16, 18
Anon. 1965: 15, fig. 21
Moreland 1965: 125–126, 1 fig.
Cunningham 1966: (1) 680–683, 687
McLintock 1966: (3) 708
Powell 1966: (1) 568, 907, one fig.; (3) 228
Tunbridge 1966a: 4–5, 8, 10–11, figs 2, 7
Gaskin & Cawthorn 1967: 156, 159–161, 165, 173
Gaskin 1967: 8
Heath & Moreland 1967: 52, fig. 92
Natusch 1967: 219, fig. 68
Abe & Arai 1968: 143
Inoue et al. 1968: 137, fig.
Sorensen 1968: 141, 145, 148, 150
Tong & Elder 1968: 64, 66
Iwai et al. 1970: 13, pl. 2
Shuntov 1970: 373–377
Sorenson 1970: 5, 12, 26–27, 30, 47, 54, fig. 18
York 1970: 10
Russell 1971b: 84
Shuntov 1971: 339, 341
Baker 1972: 9, 11
Hewitt & Hine 1972: 93
JAMARC 1972: 11, *
Solly & Harrison 1972: 458, 460
Watkinson & Smith 1972: 13, 16, 22–24, 30, 44, 45, 74, 75, fig.
Webb 1972b: 3, 9, 13, 14, 16
Waugh 1973: 275
Brooks & Rumsey 1974: 155–166
Doak 1974e: 1131–1136, fig.
Paul 1974e: 570
Grace R 1975: 97
Ritchie et al. 1975: 2, *
Castle 1976: 365
Grace A 1976: 104
Waugh 1976a: 6, 30
Anon 1978c: 3
Fenaughty & O'Sullivan 1978: 34, 41, 146
Korea FRDA 1978: 66, *
Francis M 1979: 67
Leach 1979: 117–118, 121
Leach & Anderson 1979b: 6, 10
Shuntov 1979: 71, *
Willan et al. 1979: 453
Kawahara 1980: *
Kerstan & Sahrhage 1980: 147–148, fig. 152
Shuntov et al. 1980: 35–36
Fenaughty & Bagley 1981: 9–10, 14, 18, 21–22, 26, 32, 76, 108, 126, 162, fig. 56
JAMARC 1981a: 21, *
van den Broek et al. 1981: 138, fig. 2
Wheeler 1981: 789
Ayling & Cox 1982: 16, 86, 87, 203–204, pl. 16
Crossland 1982a: 4, 6, 12, 17
Gunson 1983: 187–188, fig.
Johnston 1983: 1–33
Kelly 1983: 70, 122
Last et al. 1983: 347–348, fig.
Paul et al. 1983: 13
JAMARC 1984: 7, 16, 20, 80–111, fig. 12
Robertson et al. 1984: 24
Schiel 1984: 6
van den Broek et al. 1984: *
Paulin & Stewart 1985: 38
Pilgrim 1985: 17, 29, 31, 37
Vlieg 1985c: 245–249
Andrews 1986: 13, 15, 16, 30, fig.
Hardy 1986c: 26
Paul 1986: 82–83, figs
Hardy et al. 1987: 245
Hine et al. 1987: 39
Hurst & Bagley 1987: 6, 8, 10, 12–15, 22, 34–36, 39, 41–42, 44, figs 10, 17, 20
Paulin 1987a: 12, fig.
Roberts C 1987a: 158, 160
Uozumi et al. 1987: 11, 19, fig. 22
Fenaughty C et al. 1988: 11, 20
Francis M 1988c: 25, pl. 34
Vlieg 1988: 16, 20, 28, 41, 48
Vlieg & Body 1988: 151–161
Fenaughty & Uozumi 1989: 5, 36–37
Horn 1989: 11
Horn & Massey 1989: 7
Massey 1989: 8–9
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 173, 259, figs 107.2, 107.3a
Roberts C 1989a: 1–9, figs 1–4
Amaoka et al. 1990: 250, fig.
Hurst et al. 1990: 15, 17, 28, 37, 49–50, fig. 22
OECD 1990: 128, 313
Murray 1990a: 741, 744
Doak 1991: 187, fig.
Roberts C 1991: 18
Paul 1992: 890
Sin et al. 1992: 469
Leach & Boocock 1993: *
Paul et al. 1993: 99, fig.
Francis M 1996a: 39, 50
Francis M 1996b: 29–30, pl. 46
Paulin et al. 1996: 24, fig.
Anderson A 1997: 2, 4–8, 10, 12, 13, 20
Hickford et al. 1997: 252
Leach 1997: * figs
Leach [et al. 1997A]: 60, 61, 62
McClatchie et al. 1997: 667
Paul & Heath 1997b: 56, fig.
Horwood et al. 1998: 22, *
Jacob et al. 1998: 2127, 2135, 2137, 2138
Northcote 1998: 49
Paulin 1998: 28, fig.
Paulin & Roberts 1998: 167
Ryan & Paulin 1998: 132, 135
Beentjes & Francis 1999: 1–12, figs 1–6
Francis M et al. 1999: 227–242, figs 1–12
Weisler et al. 1999: 43

Ball et al. 2000: 1088
Hine et al. 2000: 49
Leach & Davidson 2000b: fig. 1
Paul 2000: 82–83, 215–216, figs

2376 *Polyprion oxygeneiosis*
GROPER
Smith & Johnston 1985: 173–177, figs 1–2

2377 *Polyprion oxygenieos*
GROPER
Moreland 1959: 29

2378 *Polyprion oxygenios*
HAPUKU
Humphrey 1960: 626
Hooper 1994: 204

2379 *Polyprion oxygesis*
HAPUKU
Thompson 1981: 112

2380 *Polyprion prognathus*
GROPER, HAPUKA
Richardson & Gray 1843: 206
Gunther 1887: 236–237
Hutton 1890: 276
Gill 1893: 94, 96, 98, 116
Boulenger 1895: 150–151
Hutton 1904c: 40
Thomson G 1906: 549
Waite 1907: 19
Waite 1909a: 53, 56
Waite 1910b: 371, 376
Waite 1911b: 215–216, pl. 43
Thomson G 1913: 227
Thomson & Anderton 1921: 27, 71, 74–75, 99, 104
Thomson & Thomson 1923: 111
Griffin 1928: 378
Young 1929: 143
Benham 1944: 19

2381 *Polyprion*
GROPER
Gunther 1880b: 281
Waite 1911d: 25
Jones J 1990b: 9

2382 *Polyprionum*
Whitley 1968a: 3

2383 *Polyprionum moene*
Meglitsch 1960: 318

2384 *Polyprionum moeone*
BASS, BASS GROPER, BLACK BASS
Graham D 1956: 41, 162–163, 220, 224–225, 228, 230, one fig.
Whitley 1956b: 406
Whitley 1968a: 55
JFA 1977: 127, 129

2385 *Polyprionum oxygeneios*
GROPER, HAPUKA, HAPUKU
Whitley 1940: 127
Whitley 1951: 396, fig. 4
Whitley 1956b: 406
Parrott 1957: 61
Whitley 1968a: 55
Whitley 1968b: 35
Grace R 1973: 14
Grace A 1974: 22
JFA 1977: 129
Anderson A 1981a: 206, 214
Anderson A 1981b: 146

2386 *Polyprionum oxygenios*
GROPER
Graham D 1956: 41, 57, 67, 73, 76, 79–80, 86, 107, 122–123, 143, 162–163, 168, 210, 220, 223, 226–232, 238–239, 250, 258, 311, 314, one fig.
Dillon & Hargis 1965b: 253

2387 *Polytretis flavilatis* [incorrect name]
GROPER
Japan, DSTA 1971: 64, *

2388 *Polytretis moeone*
BASS
Japan, DSTA 1971: 64, *

2389 BASS
Shorland 1948a: 79
Cunningham 1949: 92
Paul 1966c: (1) 677
Doak 1974f: 1160, 1164
Clark I et al. 1988: 328

2390 BASS GROPER
Graham D 1939a: 422–424, 428

2391 GROPER, GROUPER, HAPUKA, HAPUKU, WAPUKA, WHAPUKU
Taylor 1855: 411, 413
Knox 1870: 14
Taylor 1870: 626
Hector 1872: 100, 101
Thomson G 1877: 486, 488
Thomson G 1878: 328
Thomson G 1879: 383
Arthur 1883a: 207
Gold-Smith 1885: 419
Sherrin 1886: 3, 7, 83, 94, 106–108, 284, 295
Thomson G 1892: 203–204
Henry 1896: 53
Thomson G 1898a: 577
Drummond & Hutton 1905: 71, fig. 1
Hamilton A 1908: 38, 44, 53
Anderton 1910: 11–12
Waite 1911c: 265
Thomson G 1918: 136
Beattie 1920: 60
Young 1923: 51

Thomson G 1924: 18, 19
Young 1926a: 100
Best 1929: 38, 43, 46–47, 62
Hefford 1929: 42
Poata 1929: 11–12
Thomson G 1930: 30
Thomson G 1931: 31
Thomson G 1932: 22
Fairchild 1933: 153
Young 1935: 31
Whitley 1936b: 161
Hefford 1937: 134
Graham D 1939a: 422–426, 428, 430, 432, 436
Phillipps 1942b: 50–53
Shorland 1948a: 79
Allen & Cassie 1949: 56
Cunningham 1949: 92
Hartman 1949: 723
Shorland 1949b: 61
Dickinson 1958: 4, 6, 10–15
Parr 1960: 50
Gorman 1963: 47
Keene 1963: 27, 36–38
Gaskin 1964: 109
Fisher 1965: 112
Sorensen 1965a: 24
Sorensen 1965b: 119–120, 122
Paul 1966c: (1) 677–678
Sorensen 1969a: 13–14, 16, 27
Doak 1974f: 1160, 1163–1164, fig.
Leach 1981: 20
Paul 1983: 48
Struik 1983: 215
Boyce et al. 1986: 4, *
Clark I et al. 1988: 328
Leach [et al. 1999A]: *

Family Serranidae Gropers & perches

Species recognised in 2015:
Acanthistius cinctus (Günther, 1859) Yellowbanded perch
Caesioperca lepidoptera (Forster, 1801) Butterfly perch
Caprodon longimanus (Günther, 1859) Pink maomao
Epinephelus daemelii (Günther, 1876) Spotted black groper
Epinephelus lanceolatus (Bloch, 1790) Queensland groper
Epinephelus octofasciatus Griffin, 1926 Convict groper
Epinephelus rivulatus (Valenciennes, 1830) Halfmoon groper
Hypoplectrodes "*coronatus"* Roberts, 2015 Eyebrow perch
Hypoplectrodes "*dimidius"* Roberts, 2015 New Zealand halfbanded perch
Hypoplectrodes huntii (Hector, 1875) Redbanded perch
Hypoplectrodes "*igneus"* Roberts, 2015 Kermadec halfbanded perch
Lepidoperca aurantia Roberts, 1989 Orange perch
Lepidoperca inornata Regan, 1914 Plain perch
Lepidoperca magna Katayama & Fujii, 1982 Seamount perch
Lepidoperca tasmanica Norman, 1937 Wavyline perch
Plectranthias bilaticlavia Paulin & Roberts, 1987 Twoband perchlet
Plectranthias maculicaudus (Regan, 1914) Tailspot perchlet
Trachypoma macracanthus Günther, 1859 Toadstool groper

Note: *Hypoplectrodes "coronatus"*, *H. "dimidius"*, and *H. "igneus"* appear to be invalidly published names.

2392 *Acanthistius cinctus*
YELLOW[-]BANDED PERCH
Waite 1910b: 371, 377
Stephenson 1970: 198
Russell 1971b: 84
Doak 1974e: 1131–1136
Allen et al. 1976: 392
Nicholson 1979: 136
Ayling & Cox 1982: 205, pl. 16
Hutchins & Kuiter 1982: 131
Gunson 1983: 186, 190, fig.
Kelly 1983: 45, 57, 123
Paulin & Stewart 1985: 38
Marsh 1986: 147, 153
Paul 1986: 84, fig.
Roberts et al. 1986: 359, 361
Schiel et al. 1986: 529
Francis M et al. 1987: 4
Hardy et al. 1987: 249
Francis M 1988c: 25–26, pl. 36
Paulin et al. 1989: 174, 260, fig. 108.2b, pl., p. [178b]
Doak 1991: 181, fig.
Cole et al. 1992: 210
Paulin & Roberts 1993: 199
Francis M 1996a: 50
Francis M 1996b: 26, pl. 36
Paul 2000: 84, fig.

2393 *Acanthistus cinctus*
YELLOWBANDED PERCH
Thompson 1981: 112

2394 *Amphiprion americanus*
Whitley 1968a: 3

2395 *Anthias ciliaris*
Bloch & Schneider 1801: 310–311

2396 *Anthias fairchildi*
Hutton 1877: 353

2397 *Anthias lepidoptera*
Hutton 1877: 353
Hutton 1890: 276

2398 *Anthias lepidopterus*
BASTARD LONGFIN
Waite 1898: 31, fig.

2399 *Anthias longimanus*
Hutton 1890: 276

2400 *Anthias pulchellas*
Meglitsch 1960: 313, 315

2401 *Anthias pulchellus*
ORANGE PERCH
Graham J 1963: 168
Whiting 1968: 3, 54
Iwai et al. 1970: 14
Hewitt & Hine 1972: 78
JFA 1972: *
JAMARC 1975: 15, *
Robertson 1975c: 12
Fenaughty & O'Sullivan 1978: 146
JFA 1978: *
Francis M 1979: 67
Kerstan & Sahrhage 1980: 141–142, fig. 144
Grange et al. 1981: 227
Thompson 1981: 112
van den Broek et al. 1981: 138
Ayling & Cox 1982: 207
Last et al. 1983: 342–343, fig.
Paul et al. 1983: 13
OECD 1990: 187
Sin et al. 1992: 469

2402 *Anthias richardsonii*
RED SCHNAPPER
Gunther 1876: 391
Gunther 1877: 469
Hutton 1877: 353
Gunther 1880b: 285
Hector 1884b: 54
Hector 1886a: 28
Sherrin 1886: 83–84, 299

2403 *Caesio* sp.
BLUE AND YELLOW PERCH
Grace R 1975: 97

2404 *Caecioperca lepidoptera*
Hutton 1904c: 41

2405 *Caesioperca lepidoptera*
BUTTERFLY PERCH, LONGFIN, OIA, RED PERCH, ST PETER'S FISH
Boulenger 1895: 312–313
Waite 1907: 19
Phillipps 1921a: 115
Phillipps & Hodgkinson 1922: 91
Phillipps 1927b: 33
Phillipps 1927c: 12
McCulloch 1929: 155
Norman 1935: 3
Graham D 1938: 410
Phillipps 1947: 46
Phillipps 1949c: 36–37, one fig.
Morrow 1952b: 144–145
Manter 1954: 542, 558
Graham D 1956: 233–234, one fig.
Whitley 1956b: 406
Parrott 1957: 72–74, 76, one fig.
Meglitsch 1960: 302, 305, 333
Doogue & Moreland 1961: 228, one fig.
Graham J 1963: 168
Baker 1966: 819–820
McLintock 1966: (3) 709
Heath & Moreland 1967: 38, fig. 63
Natusch 1967: 221, fig. 68
Whitley 1968a: 53
Iwai et al. 1970: 14
Grace R 1971: 133
Japan DSTA 1971: 65, *
Russell 1971b: 84
Shuntov 1971: 337
Grace R 1972a: 91
Hewitt & Hine 1972: 79
Japan FSFRL 1972: 88, fig.
Grace R 1973: 14
Stead 1973: 9, 10
Doak 1974e: 1131–1136, fig.
Doak 1975a: 1742
Grace R 1975: 99
JAMARC 1975: 15, *
Grace A 1976: 104
JAMARC 1976: 21, *
Fenaughty & O'Sullivan 1978: 146
Grace & Grace 1978: 134
Korea FRDA 1978: 66, *
Francis M 1979: 67
Nicholson 1979: 136
Shuntov 1979: 71, *
Willan et al. 1979: 451
Housley 1980: 85
Grange et al. 1981: 227, fig. 6
Housley et al. 1981: 38, 40
Thompson 1981: 8, 19, 112, 115–116 (figs), 295, 313, 319, 324
Wheeler 1981: 790
Edgar et al. 1982: 62, pl. 48
Ayling & Cox 1982: 207–208, pl. 17
Gunson 1983: 187, 190, fig.
Kelly 1983: 56, 122
Last et al. 1983: 343, fig.
Paul et al. 1983: 13
Russell 1983: 125, 40, 42

Schiel 1984: 50, 89
van den Broek et al. 1984: *
Paulin & Stewart 1985: 38
Andrews 1986: 26
Hardy 1986c: 27
Paul 1986: 84, fig.
Roberts et al. 1986: 358
Hardy et al. 1987: 245, 248
Hine et al. 1987: 39
Francis M 1988c: 26, pl. 38
Jones G 1988: 453
Kingsford & MacDiarmid 1988: 106–117
Kingsford 1989: 15, 18, 20–23
Kingsford et al. 1989: 184
Paulin et al. 1989: 176, 260, fig. 108.9
Amaoka et al. 1990: 251, fig.
Hurst et al. 1990: 49
Doak 1991: 56, figs
Roberts C 1991: 18
Paul et al. 1993: 107, fig.
Hooper 1994: 227
Willis 1995: 57, 60, 61, 67
Francis M 1996a: 50
Francis M 1996b: 26, pl. 34
Hickford et al. 1997: 251, 252, 253, 256, 258
McClatchie et al. 1997: 665
Paul & Heath 1997b: 61, fig.
Horwood et al. 1998: 22, *
Jacob et al. 1998: 2127, 2138
Paulin & Roberts 1998: 170
Ryan & Paulin 1998: 124, 126–127 (pls), 128
Taylor & Willis 1998: 256
Imber 1999: 207
Hine et al. 2000: 34
Leach & Davidson 2000b: fig. 1
Paul 2000: 84, fig.

2406 *Caprodon longimanis*
PINK MAOMAO
Tong & Elder 1968: 64

2407 *Caprodon longimanus*
LONGFIN, LONGFINNED PERCH, PINK FISH, PINK MAOMAO
Boulenger 1895: 315–316, pl. 12
Waite 1898: 32
Hutton 1904c: 41
Waite 1907: 19
Regan 1914c: 16
Rendahl 1921: 51
McCulloch 1927: 155
Phillipps 1927b: 33
Phillipps 1927c: 12
Phillipps 1947: 45
Morrow 1952b: 145
Whitley 1956b: 406
Parrott 1957: 75–76, one fig.
Moreland 1959: 29
Doogue & Moreland 1961: 227–228, one fig.
Anon. 1965: 16
Baker 1966: 821
McLintook 1966: (3) 708
Heath & Moreland 1967: 44, fig. 75
Whitley 1968a: 53
Sorenson 1970: 5, 35, 55
Ayling & Grace 1971: 214
Russell 1971b: 84
Grace R 1973: 14
Doak 1974e: 1131–1136
Grace A 1974: 24
Grace R 1975: 97
JFA 1977: 127
Nicholson 1979: 136
Shuntov 1979: 71, *
Willan et al. 1979: 56, 451
Housley 1980: 88
Boldyrev et al. 1981: 89
Thompson 1981: 19, 112, 117–118 (figs), 119, 292, 304, 316, 319, 323, 325, 330
Ayling & Cox 1982: 17, 207, pl. 18
Gunson 1983: 187, 190, fig.
James 1983: 52
Kelly 1983: 56–57, 82, 122
Kharin & Dudarev 1983: 23–24, fig. 2b
Paul et al. 1983: 13
Schiel 1984: 88
Paulin & Stewart 1985: 38
Marsh 1986: 146, 151, 153
Paul 1986: 85, fig.
Roberts et al. 1986: 358
Francis M et al. 1987: 4, 9
Hardy et al. 1987: 245
Clark M 1988: 419
Francis M 1988c: 26, pls. 40, 41
Kingsford & MacDiarmid 1988: 106–117
Kingsford 1989: 15, 18, 20–22
Paulin et al. 1989: 176, 260, pl., p. [178b]
Amaoka et al. 1990: 252, fig.
Doak 1991: 50, figs
Francis M 1991: 208
Paul et al. 1993: 99, fig.
Willis 1995: 64, 67
Francis M 1996a: 50
Francis M 1996b: 26–27, pls 38, 39
Anderson A 1997: 12
Paul & Heath 1997b: 59, fig.
Paulin 1998: 48, fig.
Leach & Davidson 2000b: fig. 1
Paul 2000: 85, fig.

2408 *Caprodon unicolor*
Kashkina 1986: 60

2409 *Centropristes gigas*
Owen 1853: 51
Gunther 1887b: 236

2410 *Ellerkeldia hunti*
BANDED PERCH, RED BANDED PERCH
Korea, FRDA 1978: 66, *

Housley 1980: 85, 88, fig. 2
Paul 1986: 85, fig.
Paul et al. 1993: 79, fig.
Paul 2000: 85, fig.

2411 *Ellerkeldia huntii*
BANDED PERCH, BANDED SEA PERCH, HALF BANDED SEA PERCH, REDBANDED SEAPERCH
Graham D 1956: 232–233, one fig.
Whitley 1956c: 405
Doogue & Moreland 1961: 229, one fig.
Graham J 1963: 168
Heath & Moreland 1967: 299, fig. 39
Whitley 1968a: 53
Russell 1969: 111
Russell 1971b: 84
Grace R 1972a: 91
Grace R 1973: 14
Doak 1974e: 1131–1136, fig.
Grace R 1975: 97
Allen 1976: 26
Allen et al. 1976: 393
Grace A 1976: 104
Francis M 1979: 67
Nicholson 1979: 136
Willan et al. 1979: 451
Allen & Moyer 1980: 332–333
Jones G.P. 1980a: 197–207, fig. 1–5
Grange et al. 1981: 227
Housley et al. 1981: 38
Thompson 1981: 8, 19, 112, 113–114 (figs), 364, 316, 319, 320
Ayling & Cox 1982: 16, 206, pl. 17
Gunson 1983: 187, 190, fig.
Hauraki Gulf Maritime Park Board 1983: 50, 52, 170
Kelly 1983: 122
Russell 1983: 125
Schiel 1984: 25, 50, 89
Hardy 1986c: 27
Paulin & Stewart 1985: 38
Roberts et al. 1986: 358
Hardy et al. 1987: 245, 248
Francis M 1988c: 26, pl. 42
Jones G 1988: 453
Paulin et al. 1989: 175, 260, fig. 108.7a, pl., p. [178b]
Roberts C 1991: 2, 18
Paulin & Roberts 1993: 197

2412 *Ellerkeldia semicincta*
HALFBANDED SEA PERCH
Hewitt & Hine 1972: 84
Hine et al. 2000: 35

2413 *Ellerkeldia*
Francis M et al. 1987: 4
Anderson W & Heemstra 1989: 1003
Cole et al. 1992: 210

2414 *Ellerkeldia* sp.
Schiel 1984: 50
Marsh 1986: 147–148, 153
Schiel et al. 1986: 529
Francis M et al. 1987: 4

2415 *Ellerkeldia* sp.
EYEBROW SEAPERCH
Paulin et al. 1989: 175, 260, fig. 108.6

2416 *Ellerkeldia* sp.
HALF-BANDED PERCH, HALFBANDED SEAPERCH
Paulin & Stewart 1985: 38
Hardy et al. 1987: 245
Francis M 1988c: 26–27, pl. 43
Paulin et al. 1989: 175, 260, fig. 108.7b

2417 *Epinephalus daemelii*
SPOTTED BLACK GROPER, SPOTTED BLACK GROUPER
Ayling & Cox 1982: 205, pl. 16
Gunson 1983: 186, 189, fig.
Kelly 1983: 45, 57, 122
Paul & Heath 1985: 47, pl. 16
Marsh 1986: 147–151, 153
Paul 1986: 84, fig.
Schiel et al. 1986: 529, 530
Paulin 1987a: 13, fig.
Francis M 1988c: 27, pl. 35
Paulin et al. 1989: 175, 260, fig. 108.4a
Paul et al. 1993: 85, fig.
Paul 2000: 84, fig.

2418 *Epinephalus damelli*
Creese & Cole 1995: 59

2419 *Epinephelus daemelii*
SPOTTED BLACK GROUPER
Waite 1912a: 29
Francis M et al. 1987: 4
Hardy et al. 1987: 245, 248
Doak 1991: 184, fig.
Francis M 1991: 217
Randall & Heemstra 1991: 130–133, figs 64, 65, pl. XIA
Paulin & Roberts 1992: 140–141, figs 76a, b, pl. 28D
Heemstra & Randall 1993: 138–139, fig. 287, pl. XIE
Paulin & Roberts 1993: 199
Francis M 1996a: 42, 50
Francis M 1996b: 27, pl. 45
Paulin et al. 1996: 23, 24, fig.
Paul & Heath 1997b: 58, fig.
Heemstra & Randall 1999: 2495, fig.

2420 *Epinephelus damelii*
BLACK ROCK COD, BLACK-SPOTTED GROUPER
Phillipps 1927c: 13
Whitley 1956b: 406
Whitley 1968a: 55
Stephenson 1971: 237–238

Ayling 1974e: 844
Doak 1974e: 1131–1136
Doak 1974f: 1162, fig.
Allen et al. 1976: 393
Thompson 1981: 112
Cole et al. 1992: 210

2421 *Epinephelus damelli*
BLACK ROCK COD
Paulin & Stewart 1985: 38

2422 *Epinephelus damellii*
SPOTTED BLACK GROPER
Nicholson 1979: 137
Willan et al. 1979: 451, 457

2423 *Epinephelus demaelii*
BLACK ROCK COD
Waite 1916b: 453
Phillipps 1927b: 48
Benham 1941: 34

2424 *Epinephelus lanceolatus*
Francis M & Evans 1993: 132, 134
Francis M et al. 1999: 579, 580, 582

2425 *Epinephelus lepidopterus*
Bloch & Schneider 1801: 302–303
Richardson J 1842a: 18

2426 *Epinephelus octofasciatus*
BANDED ROCK COD, CONVICT GROPER
Griffin 1926: 540–542, pl. 95
Phillipps 1927b: 33
Powell 1941: 258
Whitley 1956b: 406
Whitley 1968a: 55
Paulin & Stewart 1985: 38
Paulin et al. 1989: 175, 260, fig. 108.4b
Randall & Heemstra 1991: 217–219, figs 111–113, pl. XXIC
Heemstra & Randall 1993: 206–208, fig. 375, pl. XXB
Francis M 1996a: 50
Heemstra & Randall 1999: 2545, fig.

2427 *Epinephelus oxygeneios*
Bloch & Schneider 1801: 301–302
Cuvier 1829: Vol. 3, 30
Gunther 1887b: 236
Gill 1893: 96

2428 *Epinephelus rivulatus*
Paulin et al. 1989: 260
Randall & Heemstra 1991: 248–250, figs 129, 130, pl. XXIB
Francis M & Evans 1993: 132
Heemstra & Randall 1993: 225–227, fig. 399, pl. XXIIA
Francis M 1996a: 51
Heemstra & Randall 1999: 2521, fig.

2429 *Epinephelus* spp.
Paulin & Stewart 1985: 38
Paulin et al. 1989: 260

2430 *Gilbertia huntii*
Gill 1893: 116

2431 *Gilbertia semicincta*
Boulenger 1895: 307
Hutton 1904c: 40
Rendahl 1921: 51

2432 *Hypoplectrodes huntii*
REDBANDED PERCH
Paulin & Roberts 1992: 139–140, figs 75a, b, pl. 28C
Willis 1995: 67
Francis M 1996a: 51
Francis M 1996b: 27, pl. 43
Paul & Heath 1997a: 33, fig.
Paulin 1998: 51, fig.
Paulin & Roberts 1998: 170
Ryan & Paulin 1998: 131, 141 (pl)

2433 *Hypoplectrodes semicinctus*
HALFBANDED SEA PERCH
Waite 1907: 19
Waite 1911b: 216
Phillipps 1927b: 33
Phillipps 1927c: 12
Young 1929: 143, 165
Graham D 1938: 410
Meglitsch 1960: 325, 348

2434 *Hypoplectrodes* sp.
HALFBANDED PERCH
Doak 1991: 180, figs
Francis M 1996a: 51
Francis M 1996b: 28, pl. 44
Willis 1995: 67
Taylor & Willis 1998: 256, 258, figs 1, 2

2435 *Hypoplectrodes*
Anderson W & Heemstra 1989: 1003

2436 *Hypoplectrodes* sp.
EYEBROW PERCH
Francis M 1996a: 51

2437 *Lepidoperca aurantia*
N.Z. ORANGE PERCH
Roberts C 1989c: 562, 568–569, 580–586, figs 8–9
Amaoka et al. 1990: 253, 254, fig.
Hardy 1990: 10
Roberts C 1991: 10, 18
McClatchie et al. 1997: 666
Paul & Heath 1997b: 60, fig.
Jacob et al. 1998: 2126, 2135, 2138
Hine et al. 2000: 36

2438 *Lepidoperca inornata*
Regan 1914b: 15
Regan 1914c: 17, pl. 10
Phillipps 1927b: 33
Phillipps 1927c: 13
Whitley 1951: 398
Whitley 1956b: 406
Whitley 1968a: 54
Katayama & Fujii 1982: 242, 245, 247
Paulin & Stewart 1985: 38
Paulin et al. 1989: 176, 260
Roberts C 1989c: 557, 568–569, 578–580, 586, fig. 7, 9

2439 *Lepidoperca magna*
SEA MOUNT ORANGE PERCH
Katayama & Fujii 1982: 241–252, figs 4, 7
Paulin & Stewart 1985: 38
Paulin et al. 1989: 176, 260
Amaoka et al. 1990: 253, fig.

2440 *Lepidoperca pulchella*
ORANGE PERCH
Katayama & Fujii 1982: 241–252, figs 4–5
van den Broek et al. 1984: *
Paul 1986: 85, fig.
Roberts C 1987b: 83
Fenaughty C et al. 1988: 13
Clark & King 1989: 53
Roberts 1989c: 557, 567
Roberts C 1991: 10
Paul 2000: 85, fig., 228

2441 *Lepidoperca pulchellus*
ORANGE PERCH
Hurst & Bagley 1987: 13, 42, 44
Roberts C 1991: 10

2442 *Lepidoperca tasmanica*
Roberts C 1989c: 562, 568–569, 574–578, 586, figs 5–6, 9
Roberts C 1991: 4, 5, 10, 18, fig. 3A
Francis M 1996a: 51
Francis M 1996b: 28, pl. 35
Ryan & Paulin 1998: 127 (pl)

2443 *Lepidoperca* sp.
ORANGE PERCH
Paulin & Stewart 1985: 38
Paul & Heath 1985: 61, pl. 23
Paulin 1987a: 13, fig.
Clark M 1988: 419
Fenaughty & Uozumi 1989: 14, 36–37
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 176, 260, pl., p. [178b]
Hurst et al. 1990: 49
OECD 1990: 187
Paul et al. 1993: 109, fig.

2444 *Lepidoperca* sp.
RED-LINED PERCH, WAVY LINE PERCH
Paulin & Stewart 1985: 38
Francis M 1988c: 27, pl. 39
Paulin et al. 1989: 176, 260, fig. 108.10
Amaoka et al. 1990: 255, fig.
Hurst et al. 1990: 49

2445 *Perca lepidoptera*
Forster J.R. 1801: MS 2, 58
Forster J.R. 1844: 138–139
Hutton 1877: 353

2446 *Plectranthias bilaticlavia*
Paulin & Roberts 1987: 13–16, fig. 1
Anderson W & Heemstra 1989: 1003
Paulin et al. 1989: 175, 260, fig. 108.5a
Hardy 1990: 10
Roberts C & Paulin 1997: 216

2447 *Plectranthias maculicauda*
SEAPERCH
Randall 1980a: 109, 151–152, fig. 17
Paulin & Roberts 1987: 15–16
Paulin et al. 1989: 175, 260, fig. 108.5b, pl., p. [178b]

2448 *Plectranthius maculicauda*
Paulin & Stewart 1985: 39

2449 *Plectranthias* sp.
Paulin & Stewart 1985: 39

2450 *Plectropoma huntii*
Hector 1875a: 240–241, pl. 10
Hector 1875b: 492
Sherrin 1886: 299
Hutton 1890: 276
Hutton 1896: 314
Whitley 1929a: 112

2451 *Plectropoma semicinctum*
HALF-BANDED SEA PERCH
Waite 1898: 32

2452 *Pseudanthias lepidopterus*
Richardson & Gray 1843: 206
Gill 1893: 94–95, 98, 116

2453 *Pseudanthias longimanus*
Gill 1893: 116

2454 *Sciaena gadoides*
Gunther 1887b: 236
Parkinson : 2.t.74
Solander : MS 21

2455 *Scioena gadoides*
Hutton 1873b: 259

2456 *Scorpis fairchildi*
Hector 1875a: 241
Sherrin 1886: 299
Hutton 1890: 276

2457 *Scorpis hectori*
RED SNAPPER
Hector 1872: 106, pl. 1
Hutton 1872: 4
Hutton 1873b: 259, pl. 7
Hector 1875a: 239, 241
Hutton 1875a: 132
Gunther 1877: 469
Hutton 1877: 353
Sandager 1888: 127
Hutton 1890: 276
Russell 1996: 226

2458 *Serranops maculicanda*
Phillipps 1927c: 13

2459 *Serranops maculicauda*
Regan 1914b: 15
Regan 1914c: 16–17, pl. 10
Phillipps 1927b: 33
Whitley 1956b: 406
Whitley 1968a: 54
JFA 1977: 127

2460 *Serranus lepidopterus*
BUTTERFLY BARBER-FISH
Richardson J 1842a: 18–19
Richardson & Gray 1843: 206
Richardson J 1843a: 15
Gill 1893: 96

2461 *Trachypoma macracanthus*
TOADSTOOL GROPER
Waite 1910b: 377
Stephenson 1970: 198
Doak 1974c: 1131–1136
Allen et al. 1976: 396
Thompson 1981: 112
Ayling & Cox 1982: 205–206, pl. 17
Gunson 1983: 187, 190, fig.
Kelly 1983: 45, 57, 123
Paulin & Stewart 1985: 39
Marsh 1986: 148, 153
Paul 1986: 84, fig.
Roberts et al. 1986: 358, 361
Schiel et al. 1986: 529
Francis M et al. 1987: 4
Hardy et al. 1987: 249
Francis M 1988c: 27, pl. 33
Paulin et al. 1989: 174, 260, fig. 108.2a
Doak 1991: 183, figs
Cole et al. 1992: 210
Francis M 1993b: 148
Francis M 1996a: 51
Francis M 1996b: 28, pl. 33
Paul 2000: 84, fig.

2462 *Trachypoma macranthus*
Russell 1971b: 84

2463 GOLD-RIBBON GROPER
Doak 194f: 1162, fig.

2464 HALF-BANDED SEA PERCH
Graham D 1939a: 433

2465 PERCH
Moreland 1959: 28

2466 PINK MAOMAO
Moreland 1961: 62
Doak 1974s: 1590
Doak 1975a: 1742
Bradford 1999a: *, fig. 24

2467 REDBANDED PERCH
Doak 1974f: 1161

2468 TOADSTOOL GROPER
Doak 1974f: 1161–1162
Doak 1974n: 1497
Doak 1974s: 1590

2469 YELLOW-BANDED PERCH
Doak 1974f: 1162, 1164, fig.

Family Grammistidae Soapfishes

Species recognised in 2015:
Aulacocephalus temmincki Bleeker, 1854 Goldstripe groper
Grammistes sexlineatus (Thunberg, 1792) Soapfish

2470 *Aulacocephalus temmincki*
GOLD[-]RIBBON GROUPER, GOLDSTRIPE GROPER
Waite 1912a: 29
Whitley 1956b: 406
Whitley 1968a: 54
Doak 1974e: 1131–1136
Ayling & Cox 1982: 13, 209, fig.
Kelly 1983: 46, 57, 123
Paulin & Stewart 1985: 39
Marsh 1986: 147, 153
Schiel et al. 1986: 529
Francis M et al. 1987: 4
Francis M 1988c: 28, pl. 37
Paulin et al. 1989: 177, 260, fig. 109.2a
Doak 1991: 183, fig.

Cole et al. 1992: 210
Francis M 1996a: 50
Francis M 1996b: 26, pl. 37
Francis M et al. 1999: 579, 580

2471 *Aulacocephalus temminckii*
GOLD RIBBON GROUPER, SOAPFISH
Doak 1971a: 74
Doak 1971b: 106
Russell 1971b: 84
Randall 1981: 201

2472 *Aulacocephalus temminki*
GOLD RIBBON GROUPER
Thompson 1981: 112

Family Callanthiidae Splendid perches

Species recognised in 2015:
Callanthias allporti Günther, 1876 Rosy perch
Callanthias australis Ogilby, 1899 Splendid perch

2475 *Calanthias allporti*
Francis M 1979: 67

2476 *Callanthias allporti*
ALLPORT'S PERCH, NORTHERN SPLENDID PERCH, ROSY PERCH, SPLENDID PERCH
Graham 1940: 425–426, pl. 58
Graham D 1956: 223–224, one fig.
Whitley 1956b: 406
Whitley 1968a: 53
Shuntov 1970: 377
Doak 1974e: 1131–1136, fig.
JFA 1977: 127
Nicholson 1979: 136
Willan et al. 1979: 451
Thompson 1981: 19, 112, 119–120 (figs), 315, 317
Ayling & Cox 1982: 208, pl. 18
Edgar et al. 1982: 66, pls. 51, 52
Kelly 1983: 56, 122
Last et al. 1983: 344–345, fig.
Anderson W & Johnson 1984: 948
Schiel 1984: 50, 89
Paulin & Stewart 1985: 38
Paul & Heath 1985: 61, pl. 23
Paul 1986: 85, fig.
Hardy et al. 1987: 245
Hine et al. 1987: 39
Francis M 1988c: 27–28, pls. 44, 45
Kingsford 1989: 15, 19–20
Paulin et al. 1989: 174, 260, fig. 108.3
Amaoka et al. 1990: 256, fig.
Paul et al. 1993: 109, fig.
Francis M 1996a: 51
Francis M 1996b: 28–29, pl. 42
Paul & Heath 1997b: 62
Ryan & Paulin 1998: 127, 128 (pl), 131
Paul 2000: 85, fig.

2473 *Aulocephalus temmincki*
Stephenson 1970: 197
Springer 1982: 92

2474 *Grammistes sexlineatus*
SOAPFISH
Paulin & Stewart 1985: 39
Francis M et al. 1987: 4
Paulin et al. 1989: 177, 260, fig. 109.2b
Francis M 1996a: 51

2477 *Callanthias australis*
NORTHERN SPLENDID PERCH, SPLENDID PERCH
Anderson W & Johnson 1984: 948
Doak 1991: 55, figs
Willis 1995: 67
Francis M 1996a: 42, 51
Francis M 1996b: 29, pls 40, 41
Paul & Heath 1997b: 62, fig.
Anderson W 1999: 2555, fig.

2478 *Callanthias splendens*
ALLPORT'S PERCH, SPLENDID PERCH
Griffin 1921: 352–354, one fig. pl. 55
Phillipps 1927b: 33
Phillipps 1927c: 12
Graham 1940: 425
Powell 1941: 258
Graham D 1956: 224
Whitley 1956b: 406
Whitley 1968a: 53
Doak 1971b: 104, pl. 50
Russell 1971b: 84
Grace R 1973: 14

2479 *Callantias allporti*
Graham J 1963: 165

2480 *Callanthias*
Gunther 1880b: 281

2481 *Callanthias* sp.
SOUTHERN SPLENDID PERCH
Hardy 1986c: 26
Hardy et al. 1987: 248
Clark M 1988: 419
Francis M 1988c: 28, pl. 46
Paulin et al. 1989: 260

Family Plesiopidae Rockfishes

Species recognised in 2015:
Acanthoclinus fuscus Jenyns, 1842 Olive rockfish
Acanthoclinus littoreus (Forster, 1801) Black rockfish
Acanthoclinus marilynae (Hardy, 1985) Stout rockfish
Acanthoclinus matti (Hardy, 1985) Splendid rockfish
Acanthoclinus rua (Hardy, 1985) Little rockfish
Acanthoclinus sp. Orange rockfish

2482 *Acanthoclinus fuscus*
OLIVE ROCKFISH
Jenyns 1842: 92–93, pl. 18
Richardson & Gray 1843: 211
Richardson J 1843a: 22
Hardy 1984c: 357, 360–364, figs 1–4
Davison 1985: 95–104
Paulin & Stewart 1985: 39
Davison 1985: 96–103, figs 1–3
Hardy 1986c: 32
Paulin et al. 1989: 177, 260, fig. 110.2a
Smith-Vaniz & Johnson 1990: 221, 224, 225, 242–243, 256, figs 1A, 2A, 5, 11A, 14A, 16A, 18A, 19A, 20A, 21A, 22A
Roberts C 1991: 11
Berger & Mayr 1992: 359–370, figs 1–6
Mayr & Berger 1992: 243–256, figs 1–8
Paul 1992: 890
Paulin & Roberts 1992: 57–58, figs 20a, b, pls 2B, 7C
Paul et al. 1993: 59, fig.
Paulin & Roberts 1993: 197
Willis 1995: 67
Francis M 1996a: 45, 51
Hill et al. 1996: 85–93, figs 1, 2
Willis & Roberts 1996: 333, 334, 336, 337, 339
Paul & Heath 1997a: 34, fig.
Roberts C & Paulin 1997: 212
Paulin & Roberts 1998: 163, 170, 172
Hickford & Schiel 1999: 296

2483 *Acanthoclinus litoreus*
Gill 1893: 94–95, 119
Waite 1907: 31
Rendahl 1925: 9

2484 *Acanthoclinus littoreus*
BLACK ROCKFISH
Gunther 1861: Vol. 3, 298
Hutton 1872: 34
Hutton 1875a: 133
Gunther 1880b: 498
Sherrin 1886: 302
Ogilby 1889: 54
Hutton 1890: 281
Steindachner 1901: 500
Hutton 1904c: 46
Regan 1914c: 17
Oliver 1923: 510, pl. 42
Whitley 1955: 115, 119
Smith-Vaniz & Johnson 1990: 221, 224–226, 242–243, figs 1B, 2B, 11B, 14B, 15A, 16B, 17A, 20B, 21B
Paulin & Roberts 1992: 54–55, figs 18a, b, pl. 8A
Paulin & Roberts 1993: 197
Francis M 1996a: 51
Willis & Roberts 1996: 333, 334
Paulin & Roberts 1998: 170
Taylor & Willis 1998: 256

2485 *Acanthoclinus marilynae*
Smith-Vaniz & Johnson 1990: 221, 224, 226–227, 242–243, fig. 21C
Paulin & Roberts 1992: 58–59, figs 21a, b, pl. 8D
Paulin & Roberts 1993: 197
Francis M 1996a: 51

2486 *Acanthoclinus matti*
Smith-Vaniz & Johnson 1990: 221, 224, 227–228, 242–243, figs 20D, 21D, 22B
Francis M 1996a: 51
Ryan & Paulin 1998: 131

2487 *Acanthoclinus quadridactylus*
BUTTERFISH, KELPFISH, ROCK COD, ROCKFISH
Waite 1912c: 322
Phillipps 1927b: 49
Phillipps 1927c: 14
Griffin 1933b: 330–333, fig. 1, pl. 34
Benham 1936: 26
Graham 1937: 22–29, pl. 7–8
Graham D 1938: 415
Graham D 1939b: 368–369, pl. 41
Phillipps 1947: 49
Phillipps 1948: 130
Dell 1951a: 72
Powell 1951: 72, fig. 340
Laird 1953: 79, 82–83, 85–86, 106, 114, 116–117, 121–123, 132, 137
Whitley 1955: 119
Graham D 1956: 30, 32, 291, 296, 320–326, three figs
Whitley 1956b: 411
Doogue & Moreland 1961: 225, 283, one fig.
Graham J 1963: 168
Moreland 1963: 50, one fig.
Rosenberg 1963: 6
Moreland 1965: 124, 1 fig.
Howell 1966b: 1, 5, 24–27, 30–31, 38, fig. 8
McLintock 1966: (3) 709
Heath & Moreland 1967: 20, fig. 25

Jillett 1968a: 1–7, figs 1–5
Jillett 1968b: 9–18, figs 1–5
Moreton & Chapman 1968: 32
Morton & Miller 1968: 199–200, 391, pl. 32
Whitley 1968a: 52
Knox 1969c: 549
Russell 1969: 112
Grace R 1971: 133
Hewitt & Hine 1972: 77
Webb 1972g: 575
Webb 1973f: 307, 311
Moreland 1974: 1532–1541
Robertson 1975c: 4
Russell 1975: 305
Grace A 1976: 103
McDowall 1976: 27
Grace & Grace 1978: 134
Francis M 1979: 67
Shuntov 1979: 69, *
Crossland 1981a: 24, 26, figs 23–24
Thompson 1981: 9, 19, 112, 121–123 (figs), 303, 310, 312, 331, 337, 340
Wheeler 1981: 790
Ayling & Cox 1982: 209–210, pl. 20
Crossland 1982b: 28–29
Gunson 1983: 174–175, fig.
Davison 1984a: 329–335, figs 1–4
Davison 1984b: 62
Hardy 1984c: 360
Bradstock 1985: 134–135, fig.
Eldon & Kelly 1985: 23
Andrews 1986: 13–14, 26, 30
Hardy 1986c: 32
Paul 1986: 135
Roper 1986: 705–717

2488 ***Acanthoclinus rua***
LITTLE ROCKFISH
Smith-Vaniz & Johnson 1990: 221, 224, 226, 242–243, figs 1C, 2C, 20C
Paulin & Roberts 1992: 56–57 figs 19a, b, pl. 8B
Paulin & Roberts 1993: 197
Francis M 1996a: 51
Hine et al. 2000: 19
Paul 2000: 135

2489 ***Acanthoclinus taumaka***
Clarke 1879a: 293–294, pl. 15
Sherrin 1886: 302
Hutton 1890: 281
Gill 1893: 119
Hutton 1896: 316
Hutton 1904c: 46
Waite 1907: 31
Hardy 1984c: 358

2490 ***Acanthoclinus trilineatus***
SLENDER ROCK FISH
Griffin 1933b: 330, 332–333, fig. 2, pl. 34
Powell 1941: 258
Laird 1953: 79, 82–83, 85, 96, 121
Whitley 1955: 111
Batham 1969: 80
Hewitt & Hine 1972: 77
Moreland 1974: 1532–1541
Thompson 1981: 112
Crossland 1982: 28
Hardy 1984c: 359
Roper 1986: 705–717
Hine et al. 2000: 19

2491 ***Acanthoclinus (Tamakoides) trilineatus***
ROCKFISH
Whitley 1956b: 411

2492 ***Acanthoclinus***
ROCKFISH
Hutton 1872: x
Hamilton W 1961: 131
Morton 1966: (3) 209
Natusch 1967: 229, fig. 73
Kingsford & Choat 1986: 164–165, 169
Kingsford & Choat 1989: 288, 293
Mooi 1993: *

2493 ***Acanthoclinus* sp.**
Kingsford 1988: 468
Ryan & Paulin 1998: 130 (pl), 131
Tolimieri et al. 2000: 221

2494 ***Blennius quadridactylus***
Bloch & Schneider 1801: 177–178
Valenciennes 1836: Vol. 11, 389
Hardy 1984c: 357

2495 ***Canthoclinus litoreus***
Gill 1893: 100

2496 ***Tamakoides trilineatus***
Whitley 1955: 111
Whitley 1968a: 52

2497 ***Taumakoides littoreus***
ROCKFISH
Hardy 1984c: 364–367, fig. 5
Davison & Van Berkel 1985: 150
Paulin & Stewart 1985: 39
Hardy et al. 1987: 245
Paulin et al. 1989: 178, 260
Tricklebank et al. 1992: 269

2498 ***Taumakoides marilynae***
Hardy 1984c: 370–373, fig. 7
Paulin & Stewart 1985: 39
Hardy et al. 1987: 245
Paulin et al. 1989: 178, 260
Hardy 1990: 10

2499 ***Taumakoides matti***
Hardy 1984c: 373–375, fig. 8

Paulin & Stewart 1985: 39
Paulin et al. 1989: 178, 260, fig. 110.4, pl., p. [178b]
Hardy 1990: 10

2500 *Taumakoides rua*
Hardy 1984c: 367–370, fig. 6
Paulin & Stewart 1985: 39
Hardy et al. 1987: 248
Paulin et al. 1989: 178, 260, fig. 110.3a
Hardy 1990: 10

2501 *Taumakoides trilineatus*
Hardy 1984c: 357–358

2502 *Taumakoides* sp.
Roberts C 1991: 11

2503 ROCK FISH
Graham D 1939a: 423–425, 428, 430, 432, 434

Family Percidae Freshwater perches

Species recognised in 2015:
Perca fluviatilis Linnaeus, 1758 Perch
Freshwater. See McDowall (1964, 1990, 2011).

Family Apogonidae Cardinalfishes

Species recognised in 2015:
Ostorhinchus fukuii (Hayashi, 1990) Fukui cardinalfish
Pristiapogon kallopterus (Bleeker, 1856) Iridescent cardinalfish

2504 *Apogon chrysotaenia*
Francis M et al. 1987: 4, 6, 8
Paulin et al. 1989: 180, 260

2505 *Apogon doederleini*
Francis M 1996a: 51h

2506 *Apogon kallopterus*
Francis M 1993b: 142
Francis M 1996a: 51

Family Epigonidae Deepwater cardinalfishes

Species recognised in 2015:
Epigonus denticulatus Dieuzeide, 1950 White deepsea cardinal
Epigonus lenimen (Whitley, 1935) Bigeye deepsea cardinal
Epigonus parini Abramov, 1987 Parin's deepsea cardinal
Epigonus robustus (Barnard, 1927) Robust deepsea cardinal
Epigonus telescopus (Risso, 1810) Black deepsea cardinal

2507 *Epigonus denticulatus*
PENCIL CARDINAL
Mayer 1974: 175–178, figs 13, 14
JFA 1978: *
Ayling & Cox 1982: 210
Kamysheva 1985: 36, fig. 1
Paulin & Stewart 1985: 39
Abramov 1987: fig. 2
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 180, 260, fig. 113.5b
Amaoka et al. 1990: 258, fig.
Roberts C 1991: 5, 10, 18
Abramov 1992: 94–108, figs.
Paulin et al. 1996: 51, fig.

2508 *Epigonus lenimen*
BIGEYE CARDINALFISH
Japan, FSFRL 1972: 88, fig.
JFA 1972: *
Mayer 1974: 193, fig. 22
JAMARC 1975: 15, *
JAMARC 1976: 21, *
JAMARC 1979: 18, *
Last et al. 1983: 351–352, fig.
Robertson et al. 1984: 24
Paulin & Stewart 1985: 40
Clark & King 1989: 53
Fenaughty & Uozumi 1989: 36, *
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 180, 260, fig. 113.4a
Amaoka et al. 1990: 259, fig.
Roberts C 1991: 10, 18
Abramov 1992: 94–108, figs.
Paulin et al. 1996: 51, fig.
McClatchie et al. 1997: 666
McClatchie et al. 2000: 185

2509 *Epigonus parini*
Amaoka et al. 1990: 260, fig.

2510 *Epigonus robusta*
Ayling & Cox 1982: 211, fig.

2511 *Epigonus robustus*
ROBUST CARDINAL FISH
Mayer 1974: 189–193, figs 20–21
JFA 1978: *
Shuntov 1979: 72, *
Ayling & Cox 1982: 210
Last et al. 1983: 352, fig.
Robertson et al. 1984: 24
Paulin & Stewart 1985: 40
Hine et al. 1987: 39
Paulin et al. 1989: 180, 260, fig. 113.4b
Amaoka et al. 1990: 261, fig.
Tracey et al. 1990: 34
Roberts C 1991: 18
Abramov 1992: 94–108, figs.
Paulin et al. 1996: 51, fig.
McClatchie et al. 1997: 666

2512 *Epigonus telescopus*
BIG-EYED CARDINAL FISH, BLACK CARDINAL FISH, DEEPSEA CARDINAL FISH
Mayer 1974: 152–159, figs 2, 3
JFA 1978: *
Francis M 1979: 67
Ayling & Cox 1982: 210, 212, fig
Roberts & Van Berkel 1982: 135
Mitchell 1984: 273
Robertson et al. 1984: 24
Paulin & Stewart 1985: 40
Paul 1986: 54, fig.
Clark & King 1989: 32, 45, 53, figs 6–7, 46, 48
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 180, 260, fig. 113.5a
Amaoka et al. 1990: 262, fig.
OECD 1990: 43
Tracey et al. 1990: 8, 34
Roberts C 1991: 18
Abramov 1992: 94–108, figs.
Tracey 1993: 177–181, figs 1–3
Paulin et al. 1996: 51, fig.
McClatchie et al. 1997: 666
Paul 2000: 54, fig., 227

2513 *Epigonus* sp.
CARDINAL FISH
Vlieg 1983: 233–235
van den Broek et al. 1984: *
Vlieg 1988: 15, 19, 25, 40, 48
Hatanaka et al. 1989B: 31
Amaoka et al. 1990: 263, fig.
Jacob et al. 1998: 2126, 2136

2514 *Hynnodus atherinoides*
Moreland 1957: 34

2515 *Scepterias lenimen*
BIG-EYED CARDINAL FISH
Whitley 1968a: 3, 56
Roberts C 1991: 10

Family Howellidae Pelagic basslets

Species recognised in 2015:
Howella brodiei Ogilby, 1899 Brodie's pelagic basslet
Howella sherborni (Norman, 1930) Temperate pelagic basslet
Rosenblattia robusta Mead & Falla, 1965 Rotund pelagic basslet

2516 *Howella brodei*
Paulin & Stewart 1985: 40

2517 *Howella brodiei*
PELAGIC BASSLET, PELAGIC CARDINALFISH
Ayling & Cox 1982: 210, fig.
Clark & King 1989: 55
Paulin et al. 1989: 180, 260, fig. 113.3
Amaoka et al. 1990: 249, fig.

2518 *Rosenblattia robusta*
DEEPSEA SOLDIERFISH, ROBUST CARDINALFISH
Whitley 1968a: 56
Ayling & Cox 1982: 211, fig.
Paulin & Stewart 1985: 40
Clark & King 1989: 53
Paulin et al. 1989: 180, 260, fig. 113.2
Amaoka et al. 1990: 264, fig.
Tracey et al. 1990: 34
Roberts C 1991: 18

Family Priacanthidae Bigeyes

Species recognised in 2015:
Priacanthus macracanthus Cuvier, 1829 Brownspot bigeye

2519 *Priacanthus* sp.
Clark M 1988: 419

Family Malacanthidae Tilefishes

Species recognised in 2015:
Malacanthus brevirostris Guichenot, 1848 Tilefish

2520 *Malacanthus brevirostris*
BANDED BLANQUILLO
Ayling & Cox 1982: 214, fig.
Paulin & Stewart 1985: 40
Paulin et al. 1989: 181, 260, fig. 114.1

2521 *Malacanthus hoedti*
BLANQUILLO
Berry 1958: 12014, 1 fig.
Whitley 1968a: 54

Family Echeneidae Remoras

Species recognised in 2015:
Echeneis naucrates Linnaeus, 1758 Sharksucker
Phtheirichthys lineatus (Menzies, 1791) Slender remora
Remora albescens (Temminck & Schlegel, 1850) White remora
Remora brachyptera (Lowe, 1839) Grey marlinsucker
Remora osteochir (Cuvier, 1829) Hardfin marlinsucker
Remora remora (Linnaeus, 1758) Remora

2522 *Echeneis brachyptera*
REMORA
Hutton 1876: 217
Hutton 1890: 279
Waite 1912c: 321
Thomson & Anderton 1921: 88

2523 *Echeneis lineata*
Griffin 1926: 546, pl. 96
Phillipps 1927b: 53

2524 *Echeneis lineatus*
STRIPED REMORA
Ayling & Cox 1982: 215, fig.

2525 *Echeneis naucrates*
SHARKSUCKER
Richardson & Gray 1843: 225
Paulin & Habib 1982: 33–36
Paulin & Stewart 1985: 40
Paulin et al. 1989: 182, 260, fig. 116.4
Francis M 1991: 217

2526 *Echeneis remora*
Hutton 1896: 315

2527 *Phtheirichthys lineata*
SLENDER REMORA
Paulin & Habib 1982: 33–36
Paulin & Stewart 1985: 40
Paulin et al. 1989: 182, 260

2528 REMORA (SUCKERFISH)
Doogue & Moreland 1961: 286, one fig.
Natusch 1967: 231–232, fig. 74

2529 *Remora albescens*
Paulin & Stewart 1985: 40
Paulin et al. 1989: 182, 260

2530 *Remora brachyptera*
GREY MARLIN SUCKER
Gill 1893: 120
Hutton 1904c: 45
Waite 1907: 28
Ayling & Cox 1982: 214–215
Paulin & Habib 1982: 33–36
Paulin & Stewart 1985: 40
Paulin et al. 1989: 182, 260
Paul & Heath 1997b: 63
Hine et al. 2000: 55

2531 *Remora brachypterus*
REMORA, SHARK SUCKER, SUCKERFISH,
Heath & Moreland 1967: 52, fig. 95

2532 *Remora remora*
REMORA
Phillipps 1964: 73–74, one fig.
Francis M 1979: 67
Paulin & Habib 1982: 33–36
Paulin & Stewart 1985: 40
Paulin et al. 1989: 182, 260
Paul et al. 1993: 135, fig.
Paul & Heath 1997b: 63, fig.

2533 *Remorina brachyptera*
SHORT SUCKING FISH
Phillipps 1927b: 52
Phillipps 1927c: 14

2534 *Remorophysis brachypterus*
REMORA, SHARK SUCKER, SUCKING FISH, SWORDFISH SUCKER
Graham D 1956: 314, 321, 340–344, one fig.

2535 *Remoropsis brachypterus*
SUCKING FISH
Whitley 1956c: 412
Graham J 1963: 169
Whitley 1968a: 83

2536 *Rhombochirus osteochir*
HARDFIN MARLINSUCKER
Paulin & Habib 1982: 33–36
Paulin & Stewart 1985: 40
Paulin et al. 1989: 182, 260, fig. 116.3a

2537 REMORA
Moreland 1961: 64, 72

2538 SUCKER
Graham D 1939a: 423

Family Kuhliidae Flagtails
Species recognised in 2015:
Kuhlia mugil Forster, 1801 Flagtail

2539 *Kuhlia mugil*
FLAGTAIL
Francis M et al. 1987: 5
Paulin et al. 1989: 178, 260, fig. 111.1
Paulin & Roberts 1993: 199
Francis M 1996a: 52

Family Pomatomidae Bluefish, tailor
[Note: Recorded in error, the family does not occur in New Zealand.]

2540 *Pomatomus saltatrix*
Bigelow & Schroeder 1953c: 386
Springer 1982: 80

Family Coryphaenidae Dolphinfishes
Species recognised in 2015:
Coryphaena hippurus Linnaeus, 1758 Mahimahi

2541 *Coryphaena equiselis*
POMPANO DOLPHIN
Palko et al. 1982: 5
Kingsford & DeFries 1999: 267–275, fig. 1

2542 *Coryphaena hippurus*
DOLPHIN, DOLPHIN-FISH, DORADO, MAHI-MAHI
Powell 1938: 155
Whitley 1939b: 271
Whitley 1956b: 406
Doogue & Moreland 1961: 278, one fig.
Moreland 1961: 88–89, one fig.
McKenzie 1964: 9, fig. 3
Heath & Moreland 1967: 46, fig. 80
Whitley 1968a: 56
Eggleston 1974: 894–900, fig.
Ayling & Cox 1982: 13, 18, 219, fig.
Iwasa et al. 1982: 5, 15, 19, 42
Palko et al. 1982: 5
Wilkins & Sale 1982: 96, 105, 145, 176, 189, 203, 209
Argue & Kearney 1983: 13, 26
Paulin & Stewart 1985: 41
Paul 1986: 91, fig.
Paulin et al. 1989: 185, 261
Paul et al. 1993: 131, fig.
Paul & Heath 1997b: 65, fig.
Kingsford & DeFries 1999: 267–275, fig. 1
Paul 2000: 91, fig.

2543 DOLPHIN
Paul 1966c: (1) 677

Family Carangidae Trevallies, jacks
Species recognised in 2015:
'*Decapterus' koheru* (Hector, 1875) Koheru
Decapterus muroadsi (Temminck & Schlegel, 1844) Scad
Elagatis bipinnulata (Quoy & Gaimard, 1825) Rainbow runner
Naucrates ductor (Linnaeus, 1758) Pilotfish
Pseudocaranx georgianus (Cuvier, 1833) Trevally
Seriola dumerili (Risso, 1810) Amberjack
Seriola hippos Günther, 1876 Samsonfish
Seriola lalandi Valenciennes, 1833 Kingfish
Seriola rivoliana Valenciennes, 1833 Almacojack
Trachurus declivis (Jenyns, 1841) Jack mackerel

Trachurus murphyi Nichols, 1920 Chilean mackerel
Trachurus novaezelandiae Richardson, 1843 Horse mackerel

2544 *Carangoides equula*
WHITEFIN TREVALLY
Paulin et al. 1989: 184, 260, fig. 117.7

2545 *Caranx georgianus*
SKIPJACK, TREVALLI, TREVALLY, YELLOWTAIL
Richardson J 1843a: 21
Richardson J 1846: 135–136, pl. 58
Gunther 1860: Vol. 2, 440
Hector 1872: 110–111
Hutton 1872: 16–17
Thomson G 1878: 326
Hector 1884b: 53–54
Hector 1886a: 26, 28
Sherrin 1886: 99–100, 300
Sandager 1888: 129
Hutton 1890: 278
Thomson G 1892: 208
Gill 1893: 114
Hutton 1904c: 4, 44
Thomson G 1906: 550
Waite 1907: 23
Waite 1910b: 375
Stead 1911: 7
Waite 1911: 233
Waite 1916b: 453
Rendahl 1921: 51, 57
Thomson & Anderton 1921: 73
Griffin 1927: 145
McCulloch 1929: 188
Griffin 1932: 129
Fowler 1940: 766, fig. 46
Nalbant 1965: 69–70, fig. 2
James & Stephenson 1974: 401–410, fig. 2
Robertson 1975c: 10, fig. 7
Russell 1975: 305
Grace A 1976: 104
James G.D. 1976a: 301–310
Crossland 1977b: 768
Clement 1978: 35, 37–38, 40, fig. 4
Gauldie & Smith 1978: 422, 424
Grace & Grace 1978: 134
Jones M.B. & Foster 1978: 77, 79
Smith & Crossland 1978: 341
Francis M 1979: 67, 70
Francis R & Fisher 1979: 5
Gauldie 1979: [2]
James & Habib 1979: 425
Nicholson 1979: 136
Robertson & Francis 1979: 82
Willan et al. 1979: 451
Gauldie & Johnston 1980: 171, 175–177, 179, 183, fig. 2
Hughes et al. 1980: 43–51
James 1980: 249–254, figs 1, 2
Kawahara 1980: *
Paul & Tarring 1980: 239
Robertson 1980a: 11
Shuntov et al. 1980: 35
Habib et al. 1981b: 3, 20–21, 36, 51
Housley et al. 1981: 38, 40
Thompson 1981: 19, 124, 131–133 (figs), 135, 290, 297, 313–320, fig. 4
Ayling & Cox 1982: 13, 17, 86, 215–216, pl. 19
Boustead 1982: 13
Crossland 1982a: 3–16, fig. 18
Crossland 1982b: 30–31, 45
Habib et al. 1982: 3, 4
Wilkins & Sale 1982: 8, 30, 63, 90, 105, 119, 133, 186, 189, 191, 192, 205
Hauraki Gulf Maritime Park Board 1983: 49, 170
James 1983: 53, fig. 1
Kelly 1983: 56, 69–70, 123
Paul et al. 1983: 3, 4, 7–8, 13
Russell 1983: 125–126, 135, 141
Gauldie 1984a: 95
Bradstock 1985: 124, figs, pl.
James 1984: 1–51, figs 1–45
Schiel 1984: 6, 88
Jones & Hadfield 1985: 480, figs 3–4
Vlieg 1985b: 181–185
Andrews 1986: 12–13, 16, 85
Dickson 1986: 30
Horn 1986: 428–429, fig. 9
Paul 1986: 86–87, figs
Smith 1986c: 514
Hine et al. 1987: 39
Paulin 1987a: 12, fig.
Tracey & van den Broek 1987: 128–130, 134
Fenaughty C et al. 1988: 15, 22, 27, 32, 37
Gauldie 1988d: 169–173
Vlieg 1988: 18, 22, 37, 44, 49
Vlieg & Body 1988: 151–161
Gauldie 1990b: 456, fig. 8
Gauldie & Radtke 1990: 137–144, figs 1–7
Murray 1990a: 745
Kingsford 1992: 46
Leach & Boocock 1993: *
Anderson A 1997: 4–6, 10, 12, 13, 16, 20, fig. 3
Paul 2000: 86–87, 204–205, figs

2546 *Caranx koheru*
HERRING SCAD, KOHERU
Hector 1875a: 247, pl. 11
Sherrin 1886: 100, 301
Hutton 1890: 278
Gill 1893: 114
Hutton 1904c: 44
Waite 1907: 23

2547 *Caranx lutescens*
GOLDEN JACK, N.Z. POMPANO, TREVALLY
Richardson & Gray 1843: 210

Richardson J 1843a: 21
McKenzie 1960: 45, 47
Doogue & Moreland 1961: 184, 230–231, one fig.
McKenzie 1961a: 1–2, 8
Graham J 1963: 168
Moreland 1963: 28, one fig.
Anon. 1965: 17, fig. 48
Baker 1966: 819–821
Cunningham 1966: (1) 680–683, 687
McLintock 1966: (3) 709
Powell 1966: (2) 229, (3) 447, one fig.
Heath & Moreland 1967: 44, fig. 73
Lebedev 1967a: 530
Lebedev 1968a: 156
Lebedev 1968c: 56
Sorensen 1968: 148, 150
Tong & Elder 1968: 49, 51–2, 54, 56–61, 65–66, fig. 4
Reid 1969: 12, 43
Godfriaux 1970a: 248–266
Godfriaux 1970b: 325–336
Shuntov 1970: 373–379
Shuntov & Demidenko 1970: 98
Sorenson 1970: 6, 30, 41, 48, 56, fig. 44
Waugh 1970: 83
Doak 1971b: 104, pl. 50
Grace R 1971: 135
Gulland 1971: 133
Japan DSTA 1971: 64, *
Russell 1971b: 84
Webb 1971: 2–29
Cunningham 1972: 3
Anon 1972: 2
Grace R 1972a: 92
Hewitt & Hine 1972: 80
JAMARC 1972: 11, *
Watkinson & Smith 1972: 7, 13, 16, 17–18, 33, 40, 41, 43, 72–77, 82, 85, 89
Webb 1972b: 7, 13, 17
Grace R 1973: 16
Vooren & Tong 1973: 13, 14
Waugh 1973: 258, 269, 271
Brooks & Rumsey 1974: 155–166
Eggleston & Waugh 1974: 27, 33
Grace A 1974: 22
James G.D. 1974: 387–389
James & Stephenson 1974: 401, 406
Vooren 1974: 11, 43
de Zylva 1974a: 454
Grace R 1975: 97
Ritchie et al. 1975: 2, 4
Hinds 1976: 15, 152
Waugh 1976a: 6, 7, 17, 18, 19
Wei et al. 1976: 1–101, fig.
York 1977: 30, 42
Kilner & Akroyd 1978: 58–62
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2549 *Caranx platessa*
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2550 *Caranx platinoides*
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2551 *Caranx sinus obscuri*
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2552 *Caranx speciosus*
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2553 *Caranx trachurus*
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2554 *Caranx*
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2555 *Caranx* sp.
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2556 *Carynx lutescens*
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2557 *Chorinemus forsteri*
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2558 *Chorinemus*
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2559 *Decapterus koheru*
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2560 *Decapterus muroadsi*
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2561 *Decapterus* sp.
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2562 *Elagatis bipinnulata*
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2563 *Longirostrum platessa*
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2564 *Naucirates ductor*
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2565 *Naucrates angeli*
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2566 *Naucrates ductor*
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2567 *Naucrates indicus*
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2568 *Naucrates*
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2569 *Naucratopsis hippos*
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2570 *Naucratus indicus*
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2571 *Pseudocaranx dentex*
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2573 *Scomber clupeoides*
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2574 *Scomber ductor*
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2576 *Scomber micans*
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2577 *Scomber platinoides*
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2578 *Scomber trachurus varietas*
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2579 *Seriola cultrata*
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2580 *Seriola dorsalis*
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2587 *Seriola purpurascens*
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2591 *Trachurus clupeoides*
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Paulin & Stewart 1985: 41
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Wingham 1985: 232–235, 237–238
Paul 1986: 90, figs
Roper 1986: 705–717
Paulin 1987a: 30, fig.
Francis M 1988c: 30, pl. 50
Kijima et al. 1988: 168, 175–175
Kingsford & MacDiarmid 1988: 107–117
Clark & King 1989: 53
Kingsford 1989: 15, 18–23
Paulin et al. 1989: 184, 261
Amaoka et al. 1990: 265, 267, 268, fig.
Hatanaka 1990: 142–144
Jones J 1990b: 11–12, figs 1, 3, 9
Doak 1991: 67
Horn 1991: 1–39, figs 8, 22, 23a, 23b
Paul 1992: 890–891
Robertson 1992: 77–81
Horn 1993a: 145–155, figs 4–7
Leach & Boocock 1993: *
Paul et al. 1993: 97, fig.
Hooper 1994: 209
Willis 1995: 67
Francis M 1996a: 51
Francis M 1996b: 31, pl. 48
Paulin et al. 1996: 28, fig.
Hickford et al. 1997: 252, 255, 257, fig. 3
Leach 1997: * figs
McClatchie et al. 1997: 667
Enderby & Enderby 1998: 13, pl.
Kingsford 1998: 136
Paulin 1998: 29
Paulin & Roberts 1998: 167
Taylor & Willis 1998: 257
Smith I 1999: 59
Smith-Vaniz 1999: 2751, fig.
Weisler et al. 1999: 43
Wharton et al. 1999: 646
Anderson 0 et al. 2000: *
Hine et al. 2000: 42, 82
Paul 2000: 90, figs, 213

2603 *Trachurus novaezelandias*
Berry & Cohen 1974: 211

2604 *Trachurus novae zealandicae*
HORSE MACKEREL
Beaglehole 1962: 453, Vol. 1, 6, Vol. 2

2605 *Trachurus picturatus*
HORSE MACKEREL, SCAD
Waite 1911b: 231–232
Waite 1912c: 320
Thomson & Anderton 1921: 78

2606 *Trachurus symmetricus*
Paulin 1998: 29

2607 *Trachurus symmetricus murphyi*
PERUVIAN JACK MACKEREL
Konchina 1990: 12–24

2608 *Trachurus trachurus*
HORSE MACKEREL, SCAD
Gunther 1860: Vol. 2, 419–421
Hector 1872: 110, pl. 3
Hutton 1872: 16
Hector 1875a: 239, 247
Hutton 1875a: 133
Thomson G 1879: 381
Gunther 1880b: 286
Hector 1884b: 54
Hector 1886a: 27–28
Sherrin 1886: 46–48, 300
Sandager 1888: 128, 132
Hutton 1890: 278
Thomson G 1892: 208
Gill 1893: 114
Hutton 1904c: 44
Thomson G 1906: 550
Rendahl 1921: 51
Thomson & Anderton 1921: 27

2609 *Trachurus*
HORSE MACKEREL
Street 1964: 4, 7, 18
Kasahara 1970: 253
Crawley & Wilson 1976: 12
Shuntov et al. 1980: 38–39, fig. 5
Hurst 1984a: 180
Francis RI 1985: 376, 382
Kingsford & Choat 1985: 628
Roberts et al. 1986: 358
Hurst & Bagley 1987: 13, 42, 44, fig. 19
Hurst 1988: 6
Kingsford 1988: 466, 468, 471
Clark & King 1989: 55
Fenaughty & Uozumi 1989: 5, 36–37
Kingsford 1992: 44–46, 48–53
Tricklebank et al. 1992: 268–270, 273–274, fig. 4
Kingsford 1993: 406, figs 3, 5
Yano 1993b: 352
Anderson A 1997: 4–8, 10, 12, 20, fig. 3
Leach [et al. 1997A]: 60–63, fig. 2
Horwood et al. 1998: 23, *
Ryan & Paulin 1998: 132
Fea et al. 1999: 147–160
Dudley et al. 2000: 783–787, figs 2, 3
James & Stahl 2000: 435, 439, 441–444, 446, 447
Tolimieri et al. 2000: 221, 223

2610 *Trahurus declivus*
HORSE MACKEREL
Dickson 1986: 30

2611 *Tranchurus noraezelandiae*
JAMARC 1975: 14, *

2612 *Usacaranx archeyi*
ARCHEY'S TREVALLY, TREVALLY
Griffin 1932: 129–131, pl. 22
Powell 1941: 259
Whitley 1956b: 406
Parrott 1957: 64–65, 79–80, one fig.
Parrott 1958b: 61
Whitley 1968a: 57
James & Stephenson 1974: 401, 404

2613 *Usacaranx lutescens*
SCHOOL TREVALLY, SKIPJACK, TREVALLY
Griffin 1932: 129–130, pl. 21
Norman 1935: 3
Hefford 1936: 72, 74
Graham D 1938: 410
Phillipps 1949c: 37–38, one fig.
Powell 1951: 67–68, fig. 319
Graham D 1956: 30, 218, 234–236, one fig.
Whitley 1956b: 406
Kaberry 1957: 90
Parrott 1957: 64–65, 77–97, one fig. pl. 3
Parrott 1958b: 61
Meglitsch 1960: 285–287, 291, 348
Paul 1966b: 37
Whitley 1968a: 56
JAMARC 1976: 21, *
JAMARC 1979: 18, *

2614 *Usacaranx*
Natusch 1967: 221, fig. 68

2615 CAVALLES
Beaglehole 1955: 213

2616 HERRING SCAD
Doogue & Moreland 1961: 232

2617 HORSE MACAREL
Banks in Beaglehole 1962: 6, Vol. 2

2618 HORSE-MACKEREL, YELLOW-TAIL
Forster 1777: 126, 181, Vol. 1
Hodgskin 1841: 33
Hector 1872: 101, 110, 113
Thomson G 1879: 385
Sherrin 1886: 7, 61, 99, 284
Thomson G 1892: 204
Henry 1896: 53
Thomson G 1898a: 577
Graham D 1939a: 423–425, 428, 430
Dickinson 1958: 15
Moreland 1961: 62, 87, 90
Sampson 1962: 34
Wellman 1962: 64
Moreland 1965: 126

2619 JACK MACKEREL
Leachman et al. 1978: 2
Struik 1983: 216, 218
Boyce et al. 1986: 6, *
Bradford 1999a: *, fig. 19

2620 NORTHERN KINGFISH
Boyce et al. 1986: 4, *

2621 KINGFISH, YELLOWTAIL
Hector 1872: 101
Thomson G 1877: 486
Thomson G 1878: 327–328
Sherrin 1886: 7, 61, 99, 284, 291
Thomson G 1892: 203–204
Henry 1896: 53
Thomson G 1901: 574
Drummond & Hutton 1905: 74
Anderton 1910: 11
Waite 1911c: 265
Thomson G 1924: 18
Young 1925b: 371
Young 1926a: 100–101
Sladden & Falla 1928: 290
Poata 1929: 32
Graham D 1939a: 423–425, 428, 430
Anon n.d. (1947?)b: 28
Dickinson 1958: 10–15
Sorensen 1965c: 128
Paul 1966c: (1) 677
Doak 1974n: 1497
Doak 1974s: 1589
Doak 1975a: 1742
Ayling 1978: 1
Andrews 1986: 91
Northcote 1998: 50
Bradford 1999a: *, fig. 21

2622 KOHERU
Natusch 1967: fig. 68
Doak 1974n: 1497
Doak 1975a: 1742
Bradford 1999a: *, fig. 23

2623 SCAD
Hector 1872: 110, 113

2624 SLENDER MACKEREL
Paulin et al. 1996: 27, fig.

2625 TREVALLY
Hector 1872: 101
Thomson G 1877: 485–486, 488–489
Thomson G 1878: 328–329
Thomson G 1879: 384, 386
Sherrin 1886: 7, 284, 108

Thomson G 1892: 203–204
Thomson G 1898a: 577
Drummond & Hutton 1905: 71, 73–74
Waite 1911c: 265
Young 1926a: 101
Graham D 1939a: 436
Benham 1941: 35
Moreland 1959: 28
Moreland 1961: 62, 74, 90
Sampson 1962: 34
Fisher 1965: 112
Moreland 1965: 126
Sorensen 1965a: 24
Sorensen 1965b: 119
Paul 1966c: (1) 676–677, (2)367, (3)552
Doak 1974n: 1497
Doak 1975a: 1742
Leachman et al. 1978: 2
Paul 1983: 47
Struik 1983: 216
Boyce et al. 1986: 4, *
Clark I et al. 1988: 328
Bradford 1999a: *, fig. 17
Leach [et al. 1999A]: *

Family Bramidae Pomfrets, breams

Species recognised in 2015:
Brama australis Valenciennes, 1837 Southern bream
Brama brama (Bonnaterre, 1788) Ray's bream
Pteraclis velifera (Pallas, 1770) Wingfish
Pterycombus petersii (Hilgendorf, 1878) Fanfish
Taractes asper Lowe, 1843 Rough pomfret
Taractichthys longipinnis (Lowe, 1843) Pomfret
Xenobrama microlepis Yatsu & Nakamura, 1989 Bronze bream

2626 *Brama brama*
RAY'S BREAM
Mead 1972: 29–49, figs 16–20, pl. 3a
JFA 1978: *
Fenaughty & O'Sullivan 1978: 146
Francis M 1979: 68
McDowall 1979a: 208
Paulin 1981: 25–26, fig. 1
Roberts & Van Berkel 1982: 135
Ayling & Cox 1982: 220, fig.
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Vlieg 1984b: 427–434
Jones J 1985: 234
Paulin & Stewart 1985: 41
Pilgrim 1985: 32
Paul 1986: 94, fig
Scrimgeour 1986: 35
Hine et al. 1987: 40
Hurst & Bagley 1987: 42
Vlieg 1988: 17, 21, 32, 42, 49
Clark & King 1989: 12, 31, 53–56
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 187, 261, fig. 119.5a
Amaoka et al. 1990: 270, figs
Hurst et al. 1990: 14–15, 37, 49
Tracey et al. 1990: 34
Roberts C 1991: 18
Jones J 1993: 23
Paul et al. 1993: 135, fig.
Hine & Jones 1994: 54
McClatchie et al. 1997: 665
Paul & Heath 1997b: 66, fig.
Jacob et al. 1998: 2126, 2136, 2137
Hine et al. 2000: 59
Paul 2000: 94, fig., 227

2627 *Brama raii*
BONITA, RAY'S BREAM, RAY'S SEA BREAM, SEA BREAM
Hector 1877b: 340
Hutton 1890: 279
Phillipps 1924d: 246–247, one fig.
Barnard 1927: 594–595, pl. 24
Phillipps 1927b: 35
Phillipps 1927c: 13
Griffin 1928: 378–380, pl. 59
Fowler 1934: 41
Graham D 1938: 410
Parrott 1948: 156–159
Doogue & Moreland 1961: 237, one fig.
Heath & Moreland 1967: 34, fig. 53
Natusch 1967: fig. 68
Iwai et al. 1970: 11, pl. 2
Sorenson 1970: 12
Japan DSTA 1971: 65, *
Japan FSFRL 1972: 86, fig.
Webb 1972f: 86
JAMARC 1975: 14, *
JAMARC 1976: 21, *
Korea FRDA 1978: 65, *
Taiwan FRI 1978: *

2628 *Brama rayi*
Hector 1877a: 465

2629 *Brama squamosa*
Hector 1877a: pl. 9
Hector 1877b: 339–340, 1 fig.
Sherrin 1886: 301

Gill 1893: 114
Hutton 1904c: 44

2630 *Brama*
Hutton 1904c: 4

2631 *Lepidotus squamosus*
RAY'S BREAM, SEA BREAM
Whitley 1938: 193, pl. 119
Graham D 1956: 242–243, one fig.
Whitley 1956b: 407
Parrott 1957: 64, 94–95, one fig.
Scott E 1955: 136–137
Whitley 1968a: 58

2632 *Lepodus squamosus*
SEA BREAM
Waite 1907: 25
Thomson & Anderton 1921: 79

2633 *Pteraclis velifer*
BATFISH, WINGFISH
Ogilby 1893: 65
Hutton 1904c: 44
Phillipps 1941b: 242–243, pls 40–41
Whitley 1956b: 407
Natusch 1967: 221, fig. 68
Whitley 1968a: 59
Hewitt & Hine 1972: 94
Hine et al. 2000: 39

2634 *Pteraclis velifera*
BATFISH, WINGFISH
Waite 1907: 25
Phillipps 1927b: 35
Phillipps 1927c: 13
McCann 1953: 1, 10–12, figs 11–12
Mead 1972: 105, 115–118, figs 51, 58, pl. 8
Paulin 1981: 25, 26, fig. 1
Ayling & Cox 1982: 222
Paulin & Stewart 1985: 41
Paul 1986: 94, fig.
Paulin et al. 1989: 186, 261, fig. 119.3a
Paul 2000: 94, fig.

2635 *Pteraclis*
Phillipps 1919: 30
Whitley 1931b: 147

2636 *Pterycombus petersii*
FANFISH, SPINY POMFRET
Paulin 1981: 25, 30–31, fig. 1
Robertson et al. 1984: 24
Paulin & Stewart 1985: 41
Paul & Heath 1985: 79
Paul 1986: 94, fig.
Paulin et al. 1989: 186, 261, fig. 119.3b
Roberts C 1991: 18
Paul 2000: 94, fig.

2637 *Taractes asper*
Paulin 1981: 25, 30
Paulin & Stewart 1985: 41
Last & Moteki 1999: 2833, fig.

2638 *Taractichthys longipinnis*
Ayling & Cox 1982: 221, fig.
Paulin & Stewart 1985: 41
Paulin et al. 1989: 187, 261, fig. 119.5b, pl., p. [178b]
Roberts C 1991: 18

2639 *Taratichthys longipinnis*
BIGSCALE POMFRET, LONG-FINNED POMFRET, POMFRET
Paulin 1981: 25, 27, fig. 1
Robertson et al. 1984: 24
Paul & Heath 1985: 79, pl. 32
Paul 1986: 94, fig.
Paul et al. 1993: 137, fig.
McClatchie et al. 1997: 667
Paul 2000: 94, fig.

2640 *Toxotes squamosus*
Hutton 1875b: 313–314
Hutton 1876: 210–211
Hutton 1890: 279
Phillipps 1924d: 247
Fowler & Bean 1929: 34
Fowler 1934: 41
Russell 1996: 226

2641 *Toxotes*
Boulenger 1932: 658

2642 *Xenobrama micrilepis*
Amaoka et al. 1990: 271, fig.

2643 *Xenobrama microlepis*
Yatsu & Nakamura 1989: 194, figs
Roberts C 1991: 18

Family Caristiidae Manefishes

Species recognised in 2015:
Caristius meridionalis Stephenson & Kenaley, 2013 Southern manefish
Neocaristius heemstrai (Trunov, Kukuev & Parin, 2006) Heemstra's manefish

2644 *Caristius* sp.
MANEFISH
Paulin & Stewart 1985: 42
Clark & King 1989: 53
Paulin et al. 1989: 188, 261, fig. 120.2
Amaoka et al. 1990: 272, fig.
Roberts C 1991: 18

2645 *Platyberyx* sp.
MANEFISH
Paulin et al. 1989: 188, 261, fig. 120.1, pl., p. [178b]
Roberts C 1991: 18

Family Emmelichthyidae Bonnetmouths

Species recognised in 2015:
Emmelichthys nitidus Richardson, 1845 Red baitfish
Plagiogeneion rubiginosum (Hutton, 1875) Rubyfish

2646 *Emmelichthys nitidus*
REDBAIT, RED BAITFISH, RED HERRING
Gill 1893: 116
Hutton 1904c: 41
Waite 1907: 20
Thomson G 1913: 228
Phillipps 1921a: 115, 124
Thomson & Anderton 1921: 76
Barnard 1927: 592, pl. 24
Phillipps 1927b: 35
Phillipps 1927c: 13
McCulloch 1929: 201
Fowler 1933: 345–346
Whitley 1956b: 407
Whitley 1968a: 58
Japan DSTA 1971: 65, *
JFA 1972: *
Korokawa 1972: 263
Beurois 1975: 55
JAMARC 1975: 15, *
JAMARC 1976: 21, *
Wei et al. 1976: 57, fig.
Heemstra & Randall 1977: 361, 368–369, 379–81, fig. 4
JFA 1977: 127
JFA 1978: *
Francis M 1979: 68
Shuntov 1979: 71, *
Kerstan & Sahrhage 1980: 146–147, fig. 151.
Ayling & Cox 1982: 223, fig.
Roberts & Van Berkel 1982: 136
Last et al. 1983: 366–367, fig.
Paul et al. 1983: 13
Scott E 1983: 194
van den Broek et al. 1984: *
Paulin & Stewart 1985: 42
Paul & Heath 1985: 59, pl. 22
Hardy 1986c: 27
Paul 1986: 95, fig.
Hurst & Bagley 1987: 13, 42, 44
Clark M 1988: 419
Clark & King 1989: 53
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 189, 261, fig. 122.2
Hurst et al. 1990: 49
OECD 1990: 215
Roberts C 1991: 18
Paul et al. 1993: 111, fig.
McClatchie et al. 1997: 666
Paul & Heath 1997b: 68, fig.
Jacob et al. 1998: 2126
Hine et al. 2000: 62
James & Stahl 2000: 439, 442–444, 448
Paul 2000: 95, fig., 227

2647 *Emmelichthys nitidus nitidus*
RED BAIT
Roshkin 1985: 45
Amaoka et al. 1990: 273, 274, fig.

2648 *Emmelichthys nitidus* subsp.
Amaoka et al. 1990: 274, fig.

2649 *Emmelichthys struhsakeri*
REDEYE
Boldyrev 1980: 77–84, fig. 1
Markina & Boldyrev 1980: 214–218, figs 1–5
Boldyrev et al. 1982: 91
Kashkina 1986: 60
Amaoka et al. 1990: 275, fig.

2650 *Emmelichthys*
Waite 1913c: 18

2651 *Erythrichthys nitidus*
Gunther 1859: Vol. 1, 395
Hutton 1872: 3
Sherrin 1886: 299
Hutton 1890: 277

2652 *Erythrichthys schlegeli*
Waite 1913c: 18

2653 *Erythrichthys*
Gunther 1880b: 285, 391–392, figs 161–163

2654 *Plagiogeneion rubiginosum*
Paul & Heath 1997b: 67, fig.
Paul 2000: 95, fig., 218

2655 *Plagiogeneion rubiginosus*
COSMOPOLITAN RUBYFISH, RED FISH, RED PERCH, ROCK SALMON. RUBY[-]FISH
Forbes 1890: 274–275
Hutton 1890: 277
Gill 1893: 116
Waite 1907: 18
Thomson G 1913: 228
Waite 1913a: 218–219, pl. 7
McCulloch 1914: 79
Thomson & Anderton 1921: 75
Archey 1927: 199

Barnard 1927: 593
Phillipps 1927b: 33
Phillipps 1927c: 13
McCulloch 1929: 201
Phillipps 1949b: 289
Whitley 1956b: 406
Graham J 1963: 168
Penrith 1967: 533
Tong & Elder 1968: 64, 66
Whitley 1968a: 54
Iwai et al. 1970: 14
Korotaeva 1972: 263
Slankis & Korotaeva 1974: 124
Webb 1974: 30, 35
Beurois 1975: 55
JAMARC 1976: 21, *
Heemstra & Randall 1977: 367–370
JFA 1978: *
JAMARC 1979: 18, *
Shuntov 1979: 71, *
Ayling & Cox 1982: 223, fig.
Last et al. 1983: 367–368, fig.
Paul et al. 1983: 13
Davison & Van Berkel 1985: 149
Kingsford & Choat 1985: 624, 628
Paulin & Stewart 1985: 42
Paul 1986: 95, fig.
Clark & King 1989: 5, 12, 31, 45, 53, fig. 45
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 189, 261, fig. 122.1
Amaoka et al. 1990: 276, fig.
Tracey et al. 1990: 34
Roberts C 1991: 18
Kingsford 1992: 44–46, 48–51
Hickford et al. 1997: 252
McClatchie et al. 1997: 667
Hine et al. 2000: 48
James & Stahl 2000: 439, 448

2656 *Plagiogenion rubiginosus*
RUBYFISH
Hutton 1904c: 41
Fowler 1933: 350
Manter 1954: 529, 533–534, 559
Meglitsch 1960: 294, 296, 299, 305
Hewitt & Hine 1972: 93
Paul & Heath 1985: 59, pl. 22
Paul et al. 1993: 111, fig.

2657 *Therapon rubiginosus*
Hutton 1875a: 132
Hutton 1875b: 314–315
Hutton 1876: 209–210
Sherrin 1886: 299
Forbes 1890: 273
Hutton 1890: 277
Russell 1996: 215, 219, 227

2658 RUBYFISH
Moreland 1959: 29

Family Lutjanidae Tropical snappers

Species recognised in 2015:
Etelis carbunculus Cuvier, 1828 Ruby snapper
Etelis coruscans Valenciennes, 1862 Flame snapper
Lutjanus kasmira (Forsskål, 1775) Bluestripe snapper
Paracaesio xanthura (Bleeker, 1869) Yellowtail blue snapper
Pristipomoides filamentosus Crimson jobfish

2659 *Etelis carbunculus*
RUBY SNAPPER
Francis M et al. 1999: 571, 573–575, fig. 4

2660 *Etelis coruscans*
Francis M et al. 1999: 575

2661 *Lutianus amibilis*
YELLOW-BANDED HUSSAR
Benham 1941: 34

2662 *Lutjanus kasmira*
Francis M et al. 1987: 7
Francis M 1991: 217, fig. 41
Francis M 1996a: 51

2663 *Lutjanus quinquelineatus*
Francis M et al. 1987: 7

2664 *Lutjanus* sp.
Francis M et al. 1987: 4, 7
Paulin et al. 1989: 190, 261, fig. 123.2a

2665 *Paracaesio xanthura*
Paulin et al. 1989: 190, 261, fig. 123.2b
Francis M 1991: 217, pl. IV
Francis M 1996a: 51

Family Sparidae Seabreams

Species recognised in 2015:
Acanthopagrus australis (Gunther, 1839) Yellowfin bream

Acanthopagrus pacificus Iwatsuki, Kume & Yoshino, 2010 Pacific seabream
Chrysophrys auratus (Forster, 1801) Snapper

2666 *Acanthopagrus butcheri*
BLACK BREAM
Paulin et al. 1989: 261

2667 *Chrisophrys auratus*
SNAPPER
Shawcross 1975: 50–59, figs 3–4

2668 *Chrysophrys auratus*
BREAM, BRIM, SCHNAPPER, SNAPPER
Fowler 1933: 141–142
Whitley 1937b: 155, one fig.
Cassie 1954: 514
Cassie 1955: 7–8, 53–56, 59, 62–74, 80, 86–90, 93–95, 97–99
Cassie 1956a: 705–713, pl. 23–26
Cassie 1956b: 309–327, figs 1–11
Cassie 1956c: 329–338, figs 1–4, pl. 28
Graham D 1956: 87, 107, 243–245, 317, two figs
Whitley 1956b: 407
Cassie 1957b: 375–388
Parrott 1957: 98–100, one fig., pls. 1, 5, 6, 12
Longhurst 1958: 487–499, figs 1–4
McKenzie 1960: 45–49
Doogue & Moreland 1961: 228–229, 239–240, 245, 261, one fig.
McKenzie 1961a: 1–2, 8
Moreland 1961: 59, 61–62, 74, 90, one fig.
Allen 1963: 140–141
Graham J 1963: 168
Moreland 1963: 30, one fig.
Castle 1969a: 21
Anon 1965: 17, fig. 43
Dillon & Hargis 1965b: 265, 267
Baker 1966: 820–821
Cunningham 1966: (1) 679–683, 686–687
McLintock 1966: (3) 709
Paul 1966a: 135–136, 138
Paul 1966b: 37
Powell 1966: (3) 268, 351, one fig.
Tunbridge 1966a: 2–5, 8, 10–11, figs 2, 6
Heath & Moreland 1967: 42, fig. 69
Natusch 1967: 221, fig. 68
Paul 1967: 455–63, figs 1, 3
Shawcross 1967: 111–114, 116–120, 123, 130, figs 2, 5–6
McDowall 1968c: 11
Paul 1968: 273–292, figs 1–6
Sorensen 1968: 148, 150
Tong & Elder 1968: 49, 51–53, 55, 57–61, 65–66, fig. 2
Tunbridge 1968: 38
Whitley 1968a: 59
Godfriaux 1969: 518–544
Russell 1969: 111
Reid 1969: 1–48
Yasuda & Mizuguchi 1969a: 24–30
Yasuda & Mizuguchi 1969b: 31–34
Yasuda et al. 1969: 78, 80
Dix 1970: 112
Godfriaux 1970a: 248–266
Godfriaux 1970b: 325–336
Iwai et al. 1970: 15, pl. 2
Sorenson 1970: 6, 12, 26, 41, 45, 48, 56, fig. 41
Waugh 1970: 83
York 1970: 10, 11
Ayling & Grace 1971: 212, 214
Cunningham & Waugh 1971: 157
Grace R 1971: 133
Gulland 1971: 132
Russell 1971b: 85
Colman 1972b: 221–239, fig. 2–15
Grace R 1972a: 92
Colman 1973a: 23
Hewitt & Hine 1972: 81
Watkinson & Smith 1972: 7, 10–13, 18, 21, 24, 30, 40, 47, 72–75, 85, 86, fig.
Webb 1972b: 3, 4, 7, 11, 17
Grace R 1973: 16
Vooren 1973a: 495
Vooren & Tong 1973: 13, 14, 25, fig. 2
Waugh 1973: 254, 255, 267, 269–270, 271, fig. 11.6
Brooks & Rumsey 1974: 155–166
Colman 1974a: 82
Doak 1974e: 1135
Godfriaux 1974a: 111, 132, 137
Godfriaux 1974b: 473–504, fig. 2–5
Godfriaux 1974c: 589–609
Grace A 1974: 22
Paul 1974b: 671–676, figs
Paul 1974e: 569–589
Paul 1974f: 681–682
Vooren 1974: 13–43
de Zylva 1974b: 309, 318
Allen 1975: 1–9
Grace R 1975: 99
Ritchie et al. 1975: 2, *
Robertson T et al. 1975: 265–272
Robertson 1975c: 13
Russell 1975: 305, 308
Vooren 1975: 121, 128, 134
Waugh & Mol 1975: 265–272
Allen et al. 1976: 403–404
Boyd & Wilson 1976a: 205–208
Boyd & Wilson 1976b: 209–212
Castle 1976: 365
Crossland 1976a: 511, 12, 15
Crossland 1976b: 675–686
Elder 1976: 25, 64
Gordon & Ballantyne 1976: 30, 32
Grace A 1976: 1104
Hinds 1976: 152
Paul 1976: 1–62, fig. 1–36
Waugh 1976a: 6, 7, 15, 16, 17, 30

Crossland 1977a: 37–60, fig. 1–11
Crossland 1977b: 767–775, fig. 2–4
Paul 1977: 1–84
Smith & Crossland 1977: 795–798, fig. 1
Vooren & Coombs 1977: 1–32, fig. 2–12
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2669 *Chrysophrys guttulatus*
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2670 *Chrysophrys*
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2671 *Labrus auratus*
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2672 *Pagrosoma auratus*
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2673 *Pagrosomas auratas*
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2674 *Pagrosomus auratus*
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2675 *Pagrosomus*
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2676 *Pagrus auratus*
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2677 *Pagrus guttulatus*
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2678 *Pagrus latus*
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2679 *Pagrus major*
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2680 *Pagrus micropterus*
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2681 *Pagrus unicolor*
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2682 *Sargus laticonus* [Fossil]
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2683 *Sciaena aurata*
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2684 *Sciaena lata*
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2685 *Scioena aurata*
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2686 *Sparnodus*
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2687 *Sparosomus auratus*
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2688 *Sparus auratus*
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2689 *Sparus australis*
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2690 *Sparus erythrinus*
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2691 *Sparus pagrus*
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2692 BREAM
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2693 SCHNAPPER. SNAPPER
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Family Mullidae Goatfishes

Species recognised in 2015:
Mulloidichthys vanicolensis (Valenciennes, 1831) Yellow goatfish
Parupeneus pleurostigma (Bennett, 1831) Sidespot goatfish
Parupeneus spilurus (Bleeker, 1854) Blackspot goatfish
Upeneichthys porosus (Cuvier, 1829) Red mullet
Upeneus francisi Randall & Guézé, 1992 Bartailed goatfish

2694 *Atahua clarki*
Phillipps 1941b: 244, pl. 41
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Hardy 1990: 10

2695 *Labrus calophthalmus*
Ben-Tuvia 1986: 591

2696 *Mulloides auriflamma*
Francis M et al. 1987: 7

2697 *Mulloides flavolineatus*
Francis M et al. 1987: 7

2698 *Mulloides vanicolensis*
YELLOW GOATFISH
Francis M et al. 1987: 4, 7
Paulin et al. 1989: 191, 261, fig. 125.3

2699 *Mulloidichthys vanicolensis*
Francis M 1996a: 51

2700 *Parapeneus porphyreus*
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Thompson 1981: 144

2701 *Parupeneus fraterculus*
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2702 *Parupeneus porphyreus*
Allen et al. 1976: 404

2703 *Parupeneus signatus*
BLACK SPOT GOATFISH
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2704 *Parupeneus spilurus*
BLACKSPOT GOATFISH
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2705 *Upeneichthys lineatus*
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Dudley et al. 2000: 783–787, fig 2

2706 *Upeneichthys lineatus porosus*
Hutchins 1990: 483, 488–492, figs 3, 4

2707 *Upeneichthys porosus*
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2708 *Upeneichthys valmingii*
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2709 *Upeneichthys vlamingii*
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2710 *Upeneichthys*
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2711 *Upenichthys porosus*
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2712 *Upeneus bensasi*
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2713 *Upeneus francisi*
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2714 *Upeneus porosus*
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Gunther 1867: 59
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2715 *Upeneus signatus*
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2716 *Upeneus vlamingii*
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2717 *Upeneus* sp.
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2718 *Upeneoides vlamingii*
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2719 *Upenoides valmingii*
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2720 *Upenoides vlamingii*
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2721 BAR-TAILED GOATFISH
Paul 1986: 95

2722 BLACK-SPOT GOATFISH
Paul 1986: 95

2723 GOAT-FISH
Moreland 1965: 125
Creese et al. 1988: 57–58, fig. 17
Pankhurst & Pankhurst 1989: 33

2724 RED MULLET
Hector 1889a: 527
Doak 1974n: 1496-1497 fig
Doak 1974s: 1590
Doak 1975a: 1742

Family Pempheridae Bulleyes

Species recognised in 2015:
Pempheris adspersa Griffin, 1927 Bigeye
Pempheris analis Waite, 1910 Bronze bigeye

2725 *Pemperis adspersa*
BIGEYE
Grace R 1973: 16
Grace A 1976: 104

2726 *Pempheris adspersa*
BIGEYE, BULLSEYE
Whitley 1956b: 407
Whitley 1968a: 61
Russell 1969: 112
Russell 1971b: 86
Grace R 1972a: 92
Doak 1974e: 1333, fig.
Doak 1974k: 1333, fig
Grace A 1974: 22
Grace R 1975: 97
Russell 1975: 306
Grace & Grace 1978: 134
Nicholson 1979: 136
Willan et al. 1979: 56, 451
Housley 1980: 85
Housley 1981: 38
Thompson 1981: 6, 11, 19, 147, 149–150 (figs), 305, 312, 317, 319
Ayling & Cox 1982: 227–228, pl. 21
Kelly 1983: 57, 123
Russell 1983: 124, 127, 141
Paul & Heath 1985: 47, 57, pl. 16
Paul 1986: 98, fig.
Paul et al. 1993: 85, fig.
Mooi & Jubb 1995: 129
Francis M 1996b: 34, pl. 22
Kingsford 1998: 154
Taylor & Willis 1998: 257, 258, figs 1, 2
Mooi 2000: 87, 89–97, figs 1–5
Paul 2000: 98, fig.

2727 *Pempheris adspersus*
BIGEYE
Griffin 1927: 139–140, pl. 11
Griffin 1928: 380–381
Powell 1941: 259
Paulin & Stewart 1985: 43
Roberts et al. 1986: 358
Hardy et al. 1987: 245
Francis M 1988c: 32, pl. 22
Jones G 1988: 447–448, 453–455
Paulin et al. 1989: 192, 261, fig. 126.3
Randall et al. 1990: 22
Doak 1991: 72, figs
Paulin & Roberts 1992: 102–103, figs 51a, b, pl. 21A, B
Paulin & Roberts 1993: 199
Willis 1995: 67
Francis M 1996a: 45, 51
Paul & Heath 1997a: 41, fig.
Enderby & Enderby 1998: 21, pl.

2728 *Pempheris analis*
BULLSEYE
Waite 1910b: 371, 375–376, pl. 36
Fowler 1931b: 52
Whitley 1956b: 407
Whitley 1968a: 61
Thompson 1981: 147
Paulin & Stewart 1985: 43
Marsh 1986: 148, 150, 153
Schiel et al. 1986: 530
Francis M et al. 1987: 4
Paulin et al. 1989: 192, 261, fig. 126.2a
Francis M 1996a: 51
Freeman & Tunnicliffe 1997: 8
Mooi 2000: 87, 97–100, figs 3–7

2729 *Pempheris compressa*
BULLSEYE
Griffin 1928: 380–381, pl. 60
Whitley 1956b: 407
Whitley 1968a: 61
Thompson 1981: 148
Mooi 2000: 87, fig. 3

2730 *Pempheris compressus*
BULLEYE
Paulin & Stewart 1985: 43
Paulin et al. 1989: 192, 261

2731 *Pempheris* sp.
BIGEYE
Doak 1974s: 1590
Doak 1975a: 1742
Roberts C 1991: 11

Family Chaetodontidae Butterflyfishes

Species recognised in 2015:
Amphichaetodon howensis (Waite, 1903) Lord Howe coralfish
Chaetodon auriga Forsskål, 1775 Threadfin butterflyfish
Chaetodon guentheri Ahl, 1923 Günther's butterflyfish
Chaetodon lunula (Lacépède, 1802) Racoon butterflyfish
Forcipiger flavissimus Jordan & McGregor, 1898 Longnose butterflyfish
Heniochus diphreutes Jordan, 1903 Schooling bannerfish

2732 *Amphichaetodon howensis*
BROAD-BARRED BUTTERFLYFISH, LORD HOWE ISLAND CORAL FISH
Doak 1974n: 1497
Ayling & Cox 1982: 232, pl. 23
Gunson 1983: 186, 190, fig.
Hauraki Gulf Maritime Park Board 1983: 31, 170, fig.
Kelly 1983: 46, 57, 123
Schiel 1984: 51, 89
Paulin & Stewart 1985: 44
Marsh 1986: 147–148, 153
Paul 1986: 98, fig.
Schiel et al. 1986: 529
Francis M et al. 1987: 5
Hardy et al. 1987: 245
Francis M 1988c: 34, pl. 63
Paulin et al. 1989: 195, 261, fig. 129.3a, pl., p. [194a]
Amaoka et al. 1990: 281, fig.
Doak 1991: 106, fig.
Cole et al. 1992: 210
Francis M 1996a: 41, 44, 51
Francis M 1996b: 37, pl. 65
Francis M et al. 1999: 579, 580
Pyle 1999: 3234, fig.
Paul 2000: 98, fig.

2733 *Chaetodon auriga*
Francis M 1991: 218, fig. 43
Francis M 1996a: 51

2734 *Chaetodon howensis*
JFA 1977: 127

2735 *Chaetodon*
Taylor 1870: 625–626

2736 *Chelmonops howensis*
CORAL FISH, LORD HOWE ISLAND CORAL FISH
Powell 1938: 152, pl. 37
Whitley 1956b: 407
Whitley 1968a: 61
Russell 1971b: 85
Doak 1974b: 702
Doak 1974g: 1188–1189, fig.
Grace R 1975: 97
Allen et al. 1976: 409
Ayling & Cox 1982: 232

2737 *Forcipiger flavissimus*
LONGNOSED BUTTERFLYFISH, LONG-SNOUTED BUTTERFLY FISH
Marsh 1986: 150, 153
Francis M et al. 1987: 5, 7
Paulin et al. 1989: 195, 261, fig. 129.2
Francis M 1996a: 51
Francis M et al. 1999: 571, 573, 575–576, fig. 6

2738 *Heniochus diphreutes*
SCHOOLING BANNERFISH
Francis M et al. 1987: 5, 7
Paulin et al. 1989: 195, 261, fig. 129.3b
Francis M 1996a: 51

Family Pomacanthidae Angelfishes

Species recognised in 2015:
Genicanthus semicinctus (Waite, 1900) Halfbanded angelfish

2739 *Genicanthus semicinctus*
ANGELFISH
Francis M et al. 1987: 5, 7, fig. 3
Paulin et al. 1989: 194, 261, fig. 128.1
Francis M 1993b: 144, 150
Francis M 1996a: 51

Family Ostracoberycidae

Relationships uncertain. Only briefly noted in Roberts et al. (2015) but included here because of a single reference. However, caught outside the EEZ.

2740 *Ostracoberyx dorygenys*
Amaoka et al. 1990: 257, fig.

Family Pentacerotidae Boarfishes

Species recognised in 2015:
Evistias acutirostris (Temminck & Schlegel, 1844) Striped boarfish
Paristiopterus labiosus (Günther, 1872) Giant boarfish
Pentaceros decacanthus Günther, 1859 Yellow boarfish
Pentaceros richardsoni (Smith, 1844) Southern boarfish
Zanclistius elevatus (Ramsay & Ogilby, 1888) Longfin boarfish

2741 *Evistias acutirostris*
STRIPED BOARFISH, YELLOW-FINNED BOARFISH
Hardy 1983a: 177, 179, 185–188, 214, fig. 3
Paulin & Stewart 1985: 44
Marsh 1986: 149, 153
Paul 1986: 100
Francis M et al. 1987: 5
Francis M 1988c: 34, pl. 64
Paulin et al. 1989: 196, 161, fig. 130.2c
Amaoka et al. 1990: 282, fig.
Doak 1991: 35, fig.
Francis M 1996a: 51
Francis M 1996b: 37–38, pl. 66
Paul 2000: 100, fig.

2742 *Griffinetta nelsonensis*
BOARFISH, NELSON BOARFISH
Whitley & Phillipps 1939: 233
Graham D 1956: 247–248, one fig.
Whitley 1956b: 407
Parrott 1960: 137–138, fig. 50
Follett & Dempster 1963: 318
Graham J 1963: 168
Smith 1964: 574, pl. 88
Natusch 1967: 222
Whitley 1968a: 62
Thompson 1981: 159
Hardy 1990: 11

2743 *Histiopterus acutirostris*
STRIPED BOARFISH
Ayling & Cox 1982: 234, fig.
Kelly 1983: 46, 123

2744 *Histiopterus farnelli*
Waite 1911d: 26
McCann 1953: 13

2745 *Histiopterus labiosus*
Waite 1907: 20
Waite 1911d: 25
Waite 1911b: 157
McCann 1953: 12

2746 *Histiopterus*
Gunther 1880b: 281

2747 *Maccullochia*
Waite 1911b: 157, 217

2748 *Maccullochia labiosa*
SOW FISH
Waite 1912c: 319
Phillipps 1921a: 115
Phillipps & Hodgkinson 1922: 91

2749 *Macullochia labiosa*
Waite 1911d: 26

2750 *Paristiopsis labiosus*
Griffin 1923: pl. 23

2751 *Paristiopteris*
BOARFISH
Natusch 1967: 222

2752 *Paristiopterus gallipavo*
Shuntov 1979: 70, *

2753 *Paristiopterus labiosus*
COMMON BOARFISH, GIANT BOARFISH. SOWFISH
Phillipps & Hodgkinson 1922: 91
Griffin 1923: 250–252, pl. 23
Phillipps 1927b: 37
Phillipps 1927c: 13
McCulloch 1929: 253
McCann 1953: 19 12–13, figs 13–14
Whitley 1956b: 407
Parrott 1960: 133–134, fig. 48
Anon 1965: 15, 17, fig. 46
Tong & Elder 1968: 65–66
Whitley 1968a: 62
Sorenson 1970: 12, 46
Hewitt & Hine 1972: 92
Russell 1975: 306
Willan et al. 1979: 453
Thompson 1981: 19, 159, 161–162 (figs), 163, 312, 314
Ayling & Cox 1982: 233, pl. 24
Roberts & Van Berkel 1982: 136
Hardy 1983a: 177, 179, 189–192, 194, 214, fig. 4
Kelly 1983: 123
Last et al. 1983: 383–384, fig.
Paul et al. 1983: 4
Russell 1983: 128, 139, 141, 142
Paulin & Stewart 1985: 44
Paul & Heath 1985: 53, pl. 19
Paul 1986: 99, fig.
Hardy et al. 1987: 245
Francis M 1988c: 34, pl. 65
Jones G 1988: 453
Paulin et al. 1989: 196, 262, fig. 130.2b
OECD 1990: 29
Paul et al. 1993: 101, fig.
Francis M 1996a: 45, 51
Francis M 1996b: 38, pl. 67
Hickford et al. 1997: 252
McClatchie et al. 1997: 667
Paul & Heath 1997b: 69, fig.
Hine et al. 2000: 38
Paul 2000: 99, fig.

2754 *Penetaceros japonicus*
BIGSPINED BOARFISH, YELLOW BOARFISH
Thompson 1981: 156

2755 *Penetaceros richardsoni*
PELAGIC ARMOURHEAD, RICHARDSON'S BOARFISH, SOUTHERN BOARFISH
Penrith 1967: 534
Thompson 1981: 159

2756 *Pentaceros decacanthus*
BIG SPINED BOARFISH, YELLOW BOARFISH
Hardy 1983a: 179, 197, 200–203, 214, fig. 8
van den Broek et al. 1984: *
Paulin & Stewart 1985: 44
Paul 1986: 100, fig.
Hine et al. 1987: 41
Parin & Kotlyar 1988: 82–83
Clark & King 1989: 53
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 197, 261, fig. 130.3a
Amaoka et al. 1990: 283, fig.
Yano 1993b: 352
Paul 2000: 100, fig.

2757 *Pentaceros japonicus*
BIGSPINED BOARFISH. YELLOW BOARFISH
Ayling & Cox 1982: 235, fig.

2758 *Pentaceros richardsoni*
PELAGIC ARMOURHEAD, RICHARDSON'S BOARFISH
Follett & Dempster 1963: 315–338, figs
Zama et al. 1977: 59, fig. 1
Randall 1980b: 229
Randall 1981: 202
Springer 1982: 69
Ayling & Cox 1982: 236, fig.
West & Imber 1986: 171, 172

2759 *Pentaceros richardsonii*
Hutton 1890: 277
Smith 1964: 572–575, fig. 2, pl. 88
Francis M 1979: 68

2760 *Pseudopentaceros richardsoni*
PELAGIC ARMOURHEAD, SOUTHERN BOARFISH
Hutton 1904c: 41
Waite 1907: 19
McCulloch & Phillipps 1923: 18, pl. 4
Barnard 1922: 621–622
Phillipps 1927b: 37
Phillipps 1927c: 13
Young 1929: 143
Thomson G 1932: 23
Graham D 1938: 411
JFA 1972: *
Saishu 1972: 227, * * fig.
Hardy 1983a: 177, 179, 206–209, 214, figs 10, 13A
Paulin & Stewart 1985: 44
Paul & Heath 1985: 53, pl. 19
Paul 1986: 99, fig.
Scrimgeour 1986: 35
Hurst & Bagley 1987: 42
Paulin 1987a: 13, fig.
Fenaughty & Uozumi 1989: 36–37
Horn 1989: 10, 11
Paulin et al. 1989: 197, 261, fig. 130.3b, pl., p. [194a]
Amaoka et al. 1990: 284, fig.
Roberts C 1991: 18
Paul et al. 1993: 101, fig.
McClatchie et al. 1997: 667
Paul & Heath 1997b: 70, fig.
James & Stahl 2000: 436, 448
Paul 2000: 99, fig.

2761 *Pseudopentaceros richardsonii*
Gill 1893: 116

2762 *Quinquarius hendecanthus*
BIG-SPINED BOARFISH
JFA 1972: *
JAMARC 1975: 15, *

2763 *Xanclistius elevatus*
SHORT BOARFISH
Tong & Elder 1968: 65–66

2764 *Zanclisteus*
LONG FINNED BOARFISH
Natusch 1967: 222

2765 *Zanclistius elevatus*
BOARFISH, BLACK-SPOTTED BOARFISH, LONG[-]FIN(NED) BOARFISH, LONGFIN, SHORT BOARFISH
Waite 1911d: 25
Waite 1911b: 157, 216
Waite 1912c: 319
Phillipps & Hodgkinson 1922: 95
Phillipps 1927b: 37
Phillipps 1927c: 13
McCulloch 1929: 253
Whitley 1956b: 407
Parrott 1960: 135–136, fig. 49
Whitley 1968a: 61
Russell 1971b: 86
Grace R 1973: 16
Doak 1974b: 702
JFA 1977: 127
Grace R 1975: 97
Shuntov 1979: 70, *
Willan et al. 1979: 453
Thompson 1981: 19, 159, 163–164 (figs), 314
Ayling & Cox 1982: 233, pl. 24
Hardy 1983a: 177, 179, 183–185, 214, 216, fig. 2
Kelly 1983: 123
Last et al. 1983: 385, fig.
Paulin & Stewart 1985: 44
Paul & Heath 1985: 53, pl. 19
Paul 1986: 99, fig.
Hine et al. 1987: 41
Francis M 1988c: 34–35, pl. 66
Paulin et al. 1989: 196, 262, fig. 130.2a
Amaoka et al. 1990: 285, fig.
Doak 1991: 108, figs
Paul et al. 1993: 101, fig.
Francis M 1996a: 51
Francis M 1996b: 38, pl. 68
Paul & Heath 1997a: 47, fig.
Hine et al. 2000: 39
Paul 2000: 99, fig.

2766 *Zanclistus elevatus*
LONGFINNED BOARFISH
Paul et al. 1983: 14

2767 BOARFISH
Sherrin 1886: 49
Graham D 1939a: 423–424, 433
Moreland 1959: 29

Family Kyphosidae Drummers, mados

Species recognised in 2015:
Kyphosus bigibbus Lacépède, 1801 Grey drummer
Kyphosus sectatrix (Linnaeus, 1758) Beaked drummer
Kyphosus sydneyanus (Günther, 1886) Silver drummer
Kyphosus vaigiensis (Quoy & Gaimard, 1825) Brassy drummer

2768 *Kyphosis sydneyanus*
SILVER DRUMMER
Grace A: 1974: 22

2769 *Kyphosus biggibus*
BLUE DRUMMER
Paulin & Stewart 1985: 43

2770 *Kyphosus bigibbus*
GREY DRUMMER, SILVERY-GREY PERCH
Marsh 1986: 146, 153
Francis M et al. 1987: 4, 10
Paulin et al. 1989: 194, 261
Cole et al. 1992: 210
Francis M & Evans 1993: 132, 134
Francis M 1996a: 52
Francis M 1996b: 34, pl. 57
Clements 1997: 219–221, fig. 1
Cole 1999: fig. 2
Francis M et al. 1999: 579, 580, 582
Zemke-White et al. 1999: 97–113

2771 *Kyphosus fuscus*
Schiel et al. 1986: 529–531
Horn M 1989: *, Table 1

2772 *Kyphosus sydneyanus*
DRUMMER, OVAL DRUMMER, SILVER DRUMMER
Waite 1912c: 319
Waite 1913a: 219
McCulloch 1920: 56–59, pl. 12
Phillipps 1921a: 116
Phillipps 1927b: 36
Phillipps 1927c: 13
McCulloch 1929: 238
Fowler 1933: 205
Parrott 1957: 101–102, one fig.

Doogue & Moreland 1961: 241–242, one fig.
Heath & Moreland 1967: 42, fig. 70
Natusch 1967: 221, fig. 68
Morton & Miller 1968: 361
Grace R 1971: 135
Russell 1971b: 85
Scott E 1971: 134
Thompson 1971: 6, 19, 148, 153–154, 297, 314, 315, fig.
Grace R 1972a: 92
Grace R 1973: 16
Ayling 1974c: 622
Doak 1974g: 1188–1189, fig.
Grace R 1975: 97
Grace A 1976: 104
Ayling 1978: 66, 71, 79, 84, 89
Grace & Grace 1978: 134
Nicholson 1979: 136
Shuntov 1979: 69, *
Willan et al. 1979: 451
Housley 1980: 88
Housley et al. 1981: 38
Ayling & Cox 1982: 15, 228, pl. 21
Kelly 1983: 56, 123
Last et al. 1983: 378, fig.
Russell 1983: 127, 128, 138
Schiel 1984: 51, 89
Paulin & Stewart 1985: 43
Paul 1986: 101, fig.
Roberts et al. 1986: 358
Hardy et al. 1987: 245
Francis M 1988c: 33, pl. 60
Jones G 1988: 453
Horn M 1989: *, Table 1
Paulin et al. 1989: 194, 261
Cole et al. 1990: 203–204, 208
Jones & Andrew 1990: 507, *
Doak 1991: 85, fig.
Francis M & Evans 1993: 132
Francis M 1991: 206, 219, pl. I
Kingsford 1992: 45, 46
Paulin & Roberts 1992: 110
Paul et al. 1993: 81, fig.
Willis 1995: 60, 61, 67
Francis M 1996a: 52
Francis M 1996b: 34–35, pl. 58
Anderson A 1997: 12
Clements 1997: 219–221, fig. 1
Meekan & Choat 1997: 377–383, figs 3–8
Paul & Heath 1997a: 42, fig.
Brix et al. 1998: 189–195, figs 1–3
Choat & Clements 1998: 389
Enderby & Enderby 1998: 9, pl.
Taylor & Willis 1998: 256
Cole 1999: 203
Zemke-White et al. 1999: 97–113
Sakai 1999: 3294, fig.
Duffy et al. 2000: 356
Leach & Davidson 2000b: fig. 1
Paul 2000: 121, fig.

2773 *Kyphosus vaigiensis*
DRUMMER
Paulin & Stewart 1985: 43
Francis M et al. 1987: 10
Clements 1997: 219–221, fig. 1
Choat & Clements 1998: 389

2774 *Kyphosus* sp.
BANANA MAOMAO
Marsh 1986: 146, 150–151, 153

2775 *Pimelepterus drewii*
Gill 1893: 91
McCulloch 1920: 58

2776 *Pimelepterus sydneyanus*
Waite 1913a: 219

2777 *Pimelepterus*
Hector 1886b: 590

2778 *Segutilum sydneyanum*
DRUMMER
Whitley 1956b: 407
Whitley 1968a: 60
Russell 1969: 111–112

2779 DRUM, DRUMMER
Beaglehole 1962: 453, Vol. 1
Doak 1974s: 1589

2780 SILVER DRUMMER
Doak 1975a: 1742
Creese et al. 1988: 57–58, fig. 17

Family Girellidae Nibblers

Species recognised in 2015:
Girella cyanea Macleay, 1881 Bluefish
Girella fimbriata (McCulloch, 1920) Caramel drummer
Girella tricuspidata (Quoy & Gaimard, 1824) Parore

2781 *Girella cyanea*
BLUEFISH, BLUE DRUMMER
Waite 1910b: 377
Waite 1912c: 319
Phillipps 1921a: 116
Phillipps 1926b: 535
Phillipps 1927b: 36
Phillipps 1927c: 13

Sladden & Falla 1928: 290
McCulloch 1929: 239
Phillipps 1947: 44
Roughley 1951: 96
Doogue & Moreland 1961: 243, one fig.
McLintock 1966: (3) 707
Heath & Moreland 1967: 34, fig. 54
Russell 1971b: 85
Grace R 1973: 16
Doak 1974g: 1188–1189
Grace R 1975: 97
Allen et al. 1976: 405
Nicholson 1979: 136
Shuntov 1979: 69, *
Ayling & Cox 1982: 229, pl. 22
Kelly 1983: 57, 123
Schiel 1984: 51, 89
Paulin & Stewart 1985: 43
Marsh 1986: 148, 151, 153
Paul 1986: 101
Roberts et al. 1986: 359
Schiel et al. 1986: 529, 530
Francis M et al. 1987: 4
Francis M 1988c: 32, pl. 58
Horn M 1989: *, Table 1
Paulin et al. 1989: 194, 261
Doak 1991: 101, fig.
Cole et al. 1992: 210
Paulin & Roberts 1992: 110
Paul et al. 1993: 81, fig.
Willis 1995: 67
Francis M 1996a: 41, 52
Francis M 1996b: 35, pl. 59
Paul & Heath 1997a: 44, fig.
Cole 1999: fig. 2
Zemke-White et al. 1999: 97–113
Leach & Davidson 2000b: fig. 1
Paul 2000: 101

2782 *Girella fimbriata*
Francis M 1993b: 144, 148, 150
Paulin & Roberts 1993: 199
Francis M 1996a: 41, 52
Cole 1999: fig. 2

2783 *Girella fimbriatus*
Paulin & Stewart 1985: 43
Schiel et al. 1986: 529–531
Francis M et al. 1987: 4, 12
Horn M 1989: *, Table 1
Paulin et al. 1989: 194, 261
Cole et al. 1992: 210
Paulin & Roberts 1992: 110

2784 *Girella multilineata*
PARORE
Clarke 1899b: 96–101, pl. 7
Waite 1907: 21
McCulloch 1920: 64
Sladden & Falla 1928: 290

2785 *Girella percoides*
BLACK PERCH
Hector 1875a: 243–244, pl. 10
Hutton 1890: 277
Gill 1893: 91
McCulloch 1920: 64

2786 *Girella simplex*
BLACK PERCH, PERCH, TRUE PARORE
Hector 1877a: 468, pl. 8
Sherrin 1886: 71, 299
Hector 1886b: 590
Hutton 1890: 277
Gill 1893: 91
Waite 1907: 21
McCulloch 1920: 63

2787 *Girella tricuspidata*
BLACK BREAM, BLACK FISH, BLACK PARORE, BLACK PERCH, BLACK SNAPPER, LUDERICK, MANGROVE FISH, PARORE, PERCH
McCulloch 1920: 60–64, pl. 14
Phillipps 1921a: 116
Phillipps & Hodgkinson 1922: 92
Phillipps 1927b: 36
Phillipps 1927c: 13
McCulloch 1929: 239
Fowler 1933: 191–193
Phillipps 1947: 46–47
Roughley 1951: 92
Whitley 1955: 111
Whitley 1956b: 407
Kaberry 1957: 90
Parrott 1957: 103–107, one fig, pls. 10–11
Doogue & Moreland 1961: 242–243, one fig.
Moreland 1963: 32, one fig.
Anon 1965: 15, fig. 10
McLintock 1966: (3) 708
Paul 1966b: 37
Heath & Moreland 1967: 42, fig. 72
Natusch 1967: 221, fig. 68
Morton & Miller 1968: 361
Whitley 1968a: 60
Russell 1969: 111
Sorenson 1970: 5, 12–13, 39, 52, fig. 4
Ayling & Grace 1971: 214
Grace R 1971: 130, 133
Russell 1971b: 85
Grace R 1972a: 92
Watkinson & Smith 1972: 49, 75
Grace R 1973: 16
Ayling 1974a: 580, 581
Ayling 1974c: 622
Doak 1974g: 1188–1189
Grace A 1974: 22
Grace R 1975: 99
Grace A 1976: 104
Russell 1977: 32
Ayling 1978: 66, 79–81, 84, 86, 89, 92
Grace & Grace 1978: 134
Kilner & Akroyd 1978: 32–74, 1 fig.

Nicholson 1979: 136
Shuntov 1979: 69, *
Willan et al. 1979: 450, 451, 456, 457
Montgomery & MacDonald 1980: 1176–1177, figs 1–2
Nicholson & Roberts 1980: 142
Shuntov et al. 1980: 35
Housley et al. 1981: 38
Thompson 1981: 6, 11, 19, 148, 151–152 (figs), 288, 292, 300, 314–323
Ayling & Cox 1982: 15, 229, pl. 22
Hauraki Gulf Maritime Park Board 1983: 50, 170
Kelly 1983: 56, 123
Last et al. 1983: 375, fig.
Montgomery et al. 1983: 363–368, figs 1–6
Montgomery 1984b: 296–297, figs 2–3
Russell 1983: 124, 127, 138
Wells et al. 1984: 417–420, figs 1–3
Bradstock 1985: 41, 126–127, fig.
Ling & Wells 1985a: 609–612, figs 1–5
Ling & Wells 1985b: 231–234
Montgomery & MacDonald 1985: 181–191, figs 3, 4, 6
Paulin & Stewart 1985: 43
Vlieg 1985b: 181–185
Dickson 1986: 30
Kingsford & Choat 1986: 168
Montgomery et al. 1986: 187–193, figs
Paul 1986: 101, fig.
Ring & Eccleston 1986: 329–330
Roberts et al. 1986: 358, 360
Choat & Ayling 1987: 259, 261, 268, 274
Hardy et al. 1987: 249
McVean & Montgomery 1987: 27–33, figs 1–5
Wells 1987: 479–481
Fenaughty C et al. 1988: 13, 21, 26, 31, 36
Francis M 1988c: 32–33, pl. 59
Jones G 1988: 449, 451, 454, 458
Jones G 1988: 453
Kingsford 1988: 468, 470, fig. 4
Penlington 1988: 10
Vlieg 1988: 17, 20, 31, 42, 49
Vlieg & Body 1988: 151–161
Winchester 1988: 621–624
Horn M 1989: *, Table 1
Kingsford 1989: 15
Kingsford & Choat 1989: 288
Paulin et al. 1989: 194, 261
Cole et al. 1990: 202
Jones & Andrew 1990: 507, *
OECD 1990: 182
Doak 1991: 84, fig.
Choat & Clements 1992: 1451–1459
Kingsford 1992: 44–46, 48, 49, 52, figs 8, 9
Paulin & Roberts 1992: 110–111, figs 56a, b, pl. 24A, B
Tricklebank et al. 1992: 268, 274
Harris T 1993: 70, 72
Paul et al. 1993: 81, fig.
Paulin & Roberts 1993: 199
Willis 1995: 61, 62, 67
Francis M 1996a: 52
Francis M 1996b: 35, pl. 60
Anderson A 1997: 6, 10, 12
Meekan & Choat 1997: 377–383, figs 3–8
Paul & Heath 1997a: 45, fig.
Brix et al. 1998: 189–195, figs 1–3
Enderby & Enderby 1998: 9, pl.
Paulin 1998: 45, fig.
Paulin & Roberts 1998: 168, 172
Taylor & Willis 1998: 256, 258, figs 1, 2
Carpenter 1999a: 3298, fig.
Cole 1999: 203, fig. 2
Zemke-White & Clements 1999: 137–149, figs 1, 2
Zemke-White et al. 1999: 97–113
Paul 2000: 101, fig.

2788 ***Girella***
Gunther 1880b: 281

2789 ***Incisidens multilineata***
Hutton 1904c: 41

2790 ***Incisidens simplex***
Gill 1893: 116
Hutton 1904c: 41

2791 ***Iredalella cyanea***
BLUEFISH
Whitley 1956c: 407
Parrott 1957: 106–107, one fig.
Whitley 1968a: 60

2792 ***Sparus hamiltoni***
Phillipps 1927a: 130, pl. 5
Whitley 1955: 111
Parrott 1957: 105
Hardy 1990: 11

2793 BLACK-FISH
Travers 1869: 448
Sherrin 1886: 275

2794 BLUE-FISH
Thomson G 1892: 210

2795 KOROKORO-POUNAMOU
Sandager 1888: 133
Thomson G 1892: 203, 215

2796 BREAM, MANGROVE FISH, PARORE
Hector 1875a: 245
Sherrin 1886: 70
Doak 1974s: 1589, 1590
Doak 1975a: 1742
Bradford 1999a: *, fig. 23

Family Scorpididae Sweeps

Species recognised in 2015:
Bathystethus cultratus (Forster, 1801) Grey knifefish
Labracoglossa nitida McCulloch & Waite, 1916 Blue knifefish
Scorpis lineolata Kner, 1865 Sweep
Scorpis violacea (Hutton, 1873) Blue maomao

2797 *Bathystethus cultratus*
GREY KNIFEFISH
Moreland 1975: 281–282, fig. 3
Allen et al. 1976: 399
Willan et al. 1979: 453
Ayling & Cox 1982: 213, fig.
Kelly 1983: 46, 123
Paulin & Stewart 1985: 40
Schiel et al. 1986: 530
Francis M et al. 1987: 4
Hardy et al. 1987: 245
Francis M 1988c: 28, pl. 47
Kingsford 1989: 15, 19–20
Paulin et al. 1989: 181, 260
Randall et al. 1990: 19
Cole et al. 1992: 210
Francis M 1996a: 52
Francis M 1996b: 36, pl. 61
Francis M et al. 1999: 579, 580

2798 *Labracoglossa nitida*
BLUE KNIFEFISH
Moreland 1975: 279–281, fig. 2
Allen et al. 1976: 399
Ayling & Cox 1982: 13, 213, fig.
Kelly 1983: 46, 123
Schiel et al. 1986: 530
Francis M 1988c: 28
Kingsford & MacDiarmid 1988: 107–117
Paulin et al. 1989: 181, 260
Randall et al. 1990: 20
Cole et al. 1992: 210
Francis M & Evans 1993: 132
Willis 1995: 67
Francis M 1996a: 52
Francis M 1996b: 36, pl. 62
Francis M et al. 1999: 579, 580, 582

2799 *Labracoglossus nitida*
BLUE KNIFEFISH
Marsh 1986: 148, 153
Francis M et al. 1987: 4
Kingsford 1989: 15, 19–20

2800 *Labracoglossa nitidus*
BLUE KNIFEFISH
Paulin & Stewart 1985: 40

2801 *Ditrema violacea*
MAOMAO
Hutton 1873b: 261–262, pl. 8
Hector 1875a: 243, 247
Sherrin 1886: 66–67, 301
Sandager 1888: 129, 133
Hutton 1890: 278
Thomson G 1892: 209
Russell 1996: 227

2802 *Ditrema*
Hutton 1873a: 241, 243, 251
Hutton 1874b: 86, 88, 96
Sandager 1888: 129

2803 *Neptotichthys violaceus*
Hutton 1890: 278
Gill 1893: 115

2804 *Scorpis aequipinnis*
BLUE MAOMAO, MAOMAO, SWEEP
Waite 1910b: 377
Phillipps & Hodgkinson 1922: 93
Griffin 1923: 253–254, pl. 24
Phillipps 1927b: 37
Phillipps 1927c: 13
Sladden & Falla 1928: 290
Phillipps 1947: 42
Whitley 1956b: 407
Parrott 1957: 108–110, one fig.
Doogue & Moreland 1961: 184, 227–228, 244–245, 260, one fig.
Moreland 1963: 36, one fig.
Baker 1966: 819–820
McLintock 1966: (3) 708
Powell 1966: (2) 408, one fig.
Heath & Moreland 1967: 40, fig. 67
Whitley 1968a: 61
Russell 1969: 110
Ayling & Grace 1971: 212, 214
Grace R 1971: 133, 135
Russell 1971b: 85
Grace R 1972a: 92
Hewitt & Hine 1972: 97
Grace R 1973: 16
Doak 1974g: 1188–1189, fig.
Eggleston & Waugh 1974: 31
Grace A 1974: 22
Grace R 1975: 97
Allen et al. 1976: 407
Grace A 1976: 104
York 1977: 43
Avdeev 1978: 282
Grace & Grace 1978: 134
Smith et al. 1979: 549–551
Shuntov 1979: 69, *
Willan et al. 1979: 451, 456
Housley 1980: 85, fig. 2
Thompson 1981: 8, 11, 19, 148, 155–156 (figs), 157, 305, 313, 333

Ayling & Cox 1982: 231, pl. 23
Smith & Fujio 1982: 9
Kelly 1983: 123
Last et al. 1983: 379, fig.
Paul et al. 1983: 13
Russell 1983: 124–142
Schiel 1984: 88
Paulin & Stewart 1985: 43
Roberts et al. 1986: 358
Francis M et al. 1987: 9–10
Kingsford & MacDiarmid 1988: 106–117
Kingsford 1989: 15–23
OECD 1990: 126
Hine et al. 2000: 30
Paul 2000: 101

2805 *Scorpis lineolatus*
SWEEP
Francis M et al. 1987: 9–10
Hardy et al. 1987: 245
Francis M 1988c: 33, pl. 61
Jones G 1988: 453–454
Paulin et al. 1989: 193, 261
Dedual & Pankhurst 1992: 753–763, figs 1–8
Pankhurst 1992: 116–123, figs
Paulin & Roberts 1992: 110
Paul et al. 1993: 83, fig.
Willis 1995: 60, 61
Francis M 1996a: 42, 52
Francis M 1996b: 36–37, pl. 63
Hickford et al. 1997: 253, 255, fig. 3
Paul & Heath 1997a: 46
Enderby & Enderby 1998: 8
Paulin & Roberts 1998: 168, 172
Taylor & Willis 1998: 257
Dudley et al. 2000: 783–787, fig 2

2806 *Scorpis violaceous*
BLUE MAOMAO
Powell 1966: (2) 408
Russell 1975: 305
Russell et al. 1976: 420

2807 *Scorpis violaceus*
BLUE FISH, BLUE MAOMAO, HARDBELLY, MAOMAO
Hutton 1904c: 41
Waite 1907: 21
Waite 1910b: 377
Regan 1916a: 134, 142
Waite 1916b: 453
McCulloch 1917: 180
Phillipps 1921a: 116
Phillipps & Hodgkinson 1922: 93
Ayson 1924: 7
Rendahl 1925: 3
Buck 1926: 631–634
Phillipps 1927b: 36
Phillipps 1927c: 13
Fowler & Bean 1929: 9
McCulloch 1929: 237
Hefford 1936: 72
Phillipps 1947: 45
Phillipps 1948: 129–130
Powell 1951: 69, fig. 326
Graham D 1956: 246–247, one fig.
Whitley 1956b: 407
Kaberry 1957: 90
Parrott 1957: 109–111, one fig.
Anon. 1965: 16, fig. 28
Whitley 1968a: 61
Sorenson 1970: 35, fig. 29
Watkinson & Smith 1972: 49
Allen et al. 1976: 407
Nicholson 1979: 136
Shuntov 1979: 69, *
Smith et al. 1979: 549–551
Nicholson & Roberts 1980: 142
Shuntov et al. 1980: 35, 38–39, 41, fig. 5
Housley et al. 1981: 38, 40
Thompson 1981: 6, 8, 11, 19, 148, 157–158 (figs), 305, 314, 316, 319
Ayling & Cox 1982: 17, 230–231, pl. 23
Smith & Fujio 1982: 9
Hauraki Gulf Maritime Park Board 1983: 50–51, 170, fig.
Kelly 1983: 56–7, 69–70, 123
Paul et al. 1983: 13
Schiel 1984: 88
Paulin & Stewart 1985: 43
Marsh 1986: 146, 150–151, 153
Paul 1986: 101, fig.
Roberts et al. 1986: 358–360
Schiel et al. 1986: 530
Francis M et al. 1987: 4, 9–10
Hardy et al. 1987: 245
Hine et al. 1987: 40
Francis M 1988c: 33, pl. 62
Jones G 1988: 447–448, 453, 455–456
Kingsford & MacDiarmid 1988: 106–117
Kingsford 1989: 15, 17–18, 20–21, 23
Paulin et al. 1989: 193, 261
Doak 1991: 64, figs
Cole et al. 1992: 210
Kingsford 1992: 45, 46
Pankhurst N et al. 1992: 335–339
Paulin & Roberts 1992: 110
Tricklebank et al. 1992: 268
Paul et al. 1993: 83, fig.
Ryan et al. 1995: 1077–1092, figs
Willis 1995: 67
Francis M 1996a: 42, 52
Lowe & Wells 1996: 287–300, figs 1–5
Anderson A 1997: 6, 10, 12
Hickford et al. 1997: 251, 252, 255, 258, fig. 3
Leach 1997: * figs
Paul & Heath 1997a: 46, fig.
Enderby & Enderby 1998: 8, pl.
Kingsford 1998: 155
Paulin 1998: 12, fig.
Paulin & Roberts 1998: 168, 171, 172

Taylor & Willis 1998: 257
Hine et al. 2000: 30
Leach & Davidson 2000b: fig. 1
Paul 2000: 101, fig., 204

2808 *Scorpis*
Hutton 1873a: 241
Hutton 1874b: 86
Gunther 1880b: 285, 402–403
Natusch 1967: 221, fig. 68

2809 *Scorpis* sp.
SWEEP
OECD 1990: 126
Ward & Grewe 1994: 313

2810 MAOMAO
Mair 1873: 153
Thomson G 1892: 203
Best 1929: 43, 62
Phillipps 1947: 47
Keane 1963: 59, 84

2811 BLUE BRIM, BLUE MAOMAO, MAOMAO
Poata 1929: 9–11
Moreland 1961: 62
Doak 1974s: 1590, fig
Doak 1975a: 1742

2812 MAUMAU
Gold-Smith 1885: 419

Family Microcanthidae Stripeys

Species recognised in 2015:
Atypichthys latus McCulloch & Waite, 1916 Mado

2813 *Atipichthys strigatus*
MADO
Doak 1974g: 1188–1189, fig.
Doak 1974s: 1590

2814 *Atopichthys altus*
McCulloch 1929: 76

2815 *Atypichthys latus*
MADO, STRIPEY
Fraser-Brunner 1945: 467, fig. 3
Allen et al. 1976: 406
Ayling & Cox 1982: 231–232, pl. 22
Hauraki Gulf Maritime Park Board 1983: 170
Kelly 1983: 57, 123
Schiel 1984: 51, 89
Paulin & Stewart 1985: 43
Marsh 1986: 147, 153
Paul 1986: 101, fig.
Roberts et al. 1986: 358
Francis M et al. 1987: 4, 9
Hardy et al. 1987: 245
Francis M 1988c: 32, pl. 57
Paulin et al. 1989: 193, 261, fig. 127.2
Doak 1991: 100, figs
Cole et al. 1992: 210
Paul et al. 1993: 83, fig.
Willis 1995: 62, 64
Francis M 1996a: 52
Francis M 1996b: 37, pl. 52
Paul & Heath 1997a: 43, fig.
Leach & Davidson 2000b: fig. 1
Paul 2000: 121, fig.

2816 *Atypichthys striagatus*
MADO
Thompson 1981: 148

2817 *Atypichthys strigatus*
MADO, MADO SWEEP, STRIPEY
Hutton 1890: 277
Gill 1893: 116
Hutton 1904c: 41
Waite 1907: 21
Waite 1910b: 378
Phillipps 1927: 35
Phillipps 1927c: 13
McCulloch 1929: 236
Whitley 1956b: 407
Doogue & Moreland 1961: 245
Heath & Moreland 1967: 34, fig. 56
Natusch 1967: 221, fig. 68
Whitley 1968a: 61
Ayling & Grace 1971: 214
Doak 1971b: 106, pl. 51
Russell 1971b: 85
Grace R 1973: 16
Scott E 1974b: 181
Grace R 1975: 97
Korea FRDA 1979: 65, *
Nicholson 1979: 136
Shuntov 1979: 69, *
Willan et al. 1979: 453
Housley 1980: 88
Ayling & Cox 1982: 231
Edgar et al. 1982: 84, pl. 69
Paulin & Stewart 1985: 43
Schiel et al. 1986: 530
Francis M et al. 1987: 9

2818 *Atypichthys*
Gunther 1880b: 402–403

2819 *Atypus strigatus*
Kirk 1880: 308–309, 1 fig.
Sherrin 1886: 299
Hutton 1890: 277

Family Bathyclupeidae Bathyclupeids

Not in Roberts et al. (2015), Amaoka specimens reportedly taken outside the EEZ. Identity uncertain. However, bathyclupeids have subsequently been recorded (Prokofiev 2014a, b).

2820 *Bathyclupea megaceps*
Amaoka et al. 1990: 280, fig.

2821 *Bathyclupea* sp.
Clark M 1988: 419

Family Arripidae Kahawai

Species recognised in 2015:
Arripis trutta (Forster, 1801) Kahawai
Arripis xylabion Paulin, 1993 Northern kahawai

2822 *Arripis ?esper*
Paulin & Stewart 1985: 42
Paulin et al. 1989: 188, 261, fig. 121.3a

2823 *Arripis salar*
KAHAWAI, SALMON
Gunther 1859: Vol. 1, 253–254
Hector 1872: 105, pl. 1
Hutton 1872: 2
Mair 1873: 153
Hector 1875a: 244
Hutton 1875a: 132
Thomson G 1877: 485
Thomson G 1878: 326
Thomson G 1879: 382
Gunther 1880: fig. 165
Hector 1884b: 54
Hector 1886a: 28
Sherrin 1886: 50–51, 71, 299
Sandager 1888: 127
Hutton 1890: 277
Thomson G 1892: 205

2824 *Arripis trutta*
KAHAWAI, NATIVE SALMON, SALMON, SEA SALMON, SEA TROUT
Richardson & Gray 1843: 206
Gill 1893: 94–95, 98, 116
Hutton 1904: 41
Thomson G 1906: 549
Waite 1907: 20
Waite 1910b: 371, 377
Stead 1911: 10
Waite 1911b: 219
Waite 1916b: 453
Phillipps 1918: 271
Phillipps 1921a: 115, 124
Thomson & Anderton 1921: 75
Phillipps & Hodgkinson 1922: 92
Buck 1926: 615, 620–623
Phillipps 1927b: 34
Phillipps 1927c: 13
McCulloch 1929: 200
Fowler 1933: 435–436
Benham 1935: 22
Phillipps 1935b: 298
Hefford 1936: 72
Cunningham 1937: 898–899
Whitley 1937a: 135
Whitley 1937d: 231
Benham 1938: 57
Graham D 1938: 410
Graham D 1939b: 366
Fowler 1940: 776
Phillipps 1940: 75
Whitley 1940: 122
Phillipps 1947: 43
Phillipps 1948: 128–129
Phillipps 1949c: 38, 40–41, one fig.
Shorland 1950: 35
Fairbridge 1951: 80–84, fig. 1
Powell 1951: 60, 68, fig. 321
Roughley 1951: 64
Morrow 1952b: 143–145
Manter 1954: 482, 536, 558
Graham D 1956: 63, 103, 107, 220, 239–242, 313, 317, one fig.
Whitley 1956b: 406
Kaberry 1957: 90
Moreland 1957: 34
Parrott 1957: 91–93, one fig, pls. 3, 8
Malcolm 1959: 22–23, 27
McKenzie 1960: 45, 47
Meglitsch 1960: 348–349, 351–352
Doogue & Moreland 1961: 184, 234, 236, one fig.
McMillan 1961: 143
Moreland 1961: 63, 74, 87–88, one fig.
Moreland 1963: 18, 20, 30, one fig.
Rosenberg 1963: 6
Anon. 1965: 16
Dillon & Hargis 1965b: 269
Baker 1966: 819–821
McLintock 1966: (3) 708
Paul 1966b: 37
Powell 1966: (2)197, one fig. (3) 227
Wodzicki & Moreland 1966: 98–99
Beaglehole 1967: 808
Haedrich 1967: 43
Heath & Moreland 1967: 50, fig. 91
Natusch 1967: 221, fig. 68
Shawcross 1967: fig. 4
Tong & Elder 1968: 65–66
Whitley 1968a: 58
Knox 1969a: 517

Stonehouse 1969: 520, pl. 112
Lebedev 1968a: 156
Russell 1969: 110
York 1969: 57
Iwai et al. 1970: 13
Shuntov 1970: 373, 375
Shuntov & Demidenko 1970: 98
Sorenson 1970: 5, 30–31, 32, 54, fig. 23
Waugh 1970: 83
York 1970: 5
Baker 1971: 291–299
Coakley 1971: 5, 24
Grace R 1971: 135
Gulland 1971: 133
Japan DSYA 1971: 65, *
Russell 1971b: 85
Webb 1971: 2–29
Baker 1972: 11, 13
Bradford 1972: 76
Cunningham 1972: 3
Grace R 1972a: 92
Hewitt & Hine 1972: 79
Japan FSFRL 1972: 88, fig.
Slack 1972: 5–8
Watkinson & Smith 1972: 9, 18, 33, 34, 42, 43, 75, 76, 77, 82, 89, fig.
Webb 1972b: 9, 13, 14, 16
Webb 1972g: 570–601, fig. 15, 17
Grace R 1973: 16
Vooren & Tong 1973: 14
Waugh 1973: 256, 276
Webb 1973a: 45–66
Webb 1973c: 1, 6
Webb 1973d: 223–234, fig. 1, 2
Webb 1973e: 301–305
Brooks & Rumsey 1974: 155–166
Eggleston 1974: 894–900, fig. 1
Eggleston & Waugh 1974: 30–34
Grace A 1974: 22
Paul 1974g: 505–506
Ryan 1974: 133
Roberts P 1974b: 460
Vooren 1974: 11, 43
de Zylva 1974a: 454, 456
Eggleston 1975b: 293–298, figs 1–3
Grace R 1975: 99
JAMARC 1975: 15, *
Robertson 1975c: 13
Russell 1975: 306
Allen et al. 1976: 402
Crawley & Wilson 1976: 12
Gordon & Ballantyne 1976: 30, 32
Grace A 1976: 104
Hinds 1976: 151
McDowall 1976: 27
Slack 1976: 27, 28
Waugh 1976a: 19, 30
Stanley & Malcolm 1977: 300
York 1977: 30, 32, 42
Avdeev 1978: 282
Clement 1978: 35, 38–40, fig. 5
Kilner & Akroyd 1978: 32–65, fig.
McDowall 1978a: 91
McDowall 1978b: 134–135, fig.
Rohde 1978: x
Francis M 1979: 68
Hewitt 1979: 173
Leach 1979: 114, 121
Nicholson 1979: 136
Robertson et al. 1979: 527
Shuntov 1979: 70, *
Struik & Bray 1979: 31, 32, 33
Willan et al. 1979: 451
Kawahara 1980: *
McDowall 1980c: 13, 47, fig.
Rohde et al. 1980: 1, 4, 5
Shuntov et al. 1980: 35, 38, 41
Flain 1981: 23
Habib et al. 1981b: 3, 20, 36, 51
Housley et al. 1981: 38, 40
Thompson 1981: 19, 124, 135–137 (figs), 313, 317, 310, 330
Wheeler 1981: 791
Ayling & Cox 1982: 17, 222, pl. 20
Boustead 1982: 13
Crossland 1982a: 17
Crossland 1982b: 32
Habib et al. 1982: 3, 4
Ritchie et al. 1982: 1–85
Wilkins & Sale 1982: 16–213, figs
Argue & Kearney 1983: 18, 54
Hauraki Gulf Maritime Park Board 1983: 50, 170
James 1983: 53–54, fig. 1
Kelly 1983: 56, 69–70, 123
Last et al. 1983: 365–366, fig.
Paul et al. 1983: 8, 13
Russell 1983: 126, 141
Blair 1984: 13–14
McDowall 1984: 8, 19, 25, 28, 44, fig.
Bradstock 1985: 41, 123–124, fig.
Eldon & Kelly 1985: 22, 24–26, 48, 52
Francis RI 1985: 376, 377, 382, 384
Jones & Hadfield 1985: 477, 480, 484, figs 3, 4, 7
Paulin & Stewart 1985: 42
Pilgrim 1985: 29, 31, 37
Vlieg 1985c: 245–249
Wingham 1985: 232–234
Andrews 1986: 11–12, 16, 27–28, 30, 85, 88, fig.
Dickson 1986: 29
Marsh 1986: 150, 153
Paul 1986: 92–93, figs
Roberts et al. 1986: 358
Schiel et al. 1986: 530
Smith 1986c: 514
Francis M et al. 1987: 4, 11
Hardy et al. 1987: 245
Paulin 1987a: 22, fig.
Tracey & van den Broek 1987: 128–130, 134
Fenaughty C et al. 1988: 12
Francis M 1988c: 30, pl. 48

Gauldie 1988a: 395–396
Jones J 1988a: 406–408, 412–413
Kingsford 1988: 466
Penlington 1988: 1–27, figs 1–8
Sewell 1988: 10
Vlieg 1988: 16, 20, 29, 41, 48
Vlieg & Body 1988: 151–161
Dewees 1989: 134
Hardy C 1989: 30, 39
Kingsford 1989: 15, 18, 20, 22
Paulin et al. 1989: 189, 261, fig. 121.3b, pl., p. [194a]
Gauldie [et al. 1990A]: 646–652, figs 2–4
McDowall 1990: 275–277, figs 13.1, 13.2, pl. 64
OECD 1990: 14, 146
Wood et al. 1990: 1–15, figs
Murray 1990a: 745
Wood et al. 1990: 1–15, figs 1–4
Dawson 1991: 284, 288
Doak 1991: 75, figs
Roberts C 1991: 18
Kingsford 1992: 44–46, 49, 50, 53
Paul 1992: 891–892
Robertson 1992: 81
Leach & Boocock 1993: *
Dawson & Slooten 1993: 210
Gauldie [et al. 1993A]: 25–37, figs 1–3
Harris T 1993: 70
Paul et al. 1993: 95, fig.
Paulin 1993: 459–471, figs 2, 5
Hickford & Schiel 1995: 221, 223, 228, 229, 230, figs 5, 7, 10
Willis 1995: 67
Francis M 1996a: 52
Francis M 1996b: 31–32, pl. 51
Hickford & Schiel 1996: 671
Anderson A 1997: 2, 4–7, 10, 12, 13, 20, fig. 2
Hickford et al. 1997: 251, 252, 253, 255, 256, 257, fig. 3
Leach [et al. 1996B]: 1–20, figs 1–7
Paulin et al. 1996: 53, fig.
Leach 1997: * figs
Leach [et al. 1997A]: 60, 62, 64, fig. 2
Leach et al. 1997b: 103, 105, 112
Paul & Heath 1997a: 38, fig.
Bradford 1998a: 1–52, figs
Bradford et al. 1998: *
Enderby & Enderby 1998: 11, pl.
Gerring & Bradford 1998: 1–38, figs
Griggs et al. 1998: 1–39, figs
Horwood et al. 1998: 22, *
Kingsford 1998: 140
Paulin 1998: 31, fig.
Paulin & Roberts 1998: 167
Stevens & Kalish 1998: 1–33, figs
Taylor & Willis 1998: 256, 258, figs 1, 2
Bradford 1999b: 13, figs 2, 3
Bradford 1999c: 1–56, figs
Davidson et al. 1999: 971–973
Duffy & Petherick 1999: 565–569, fig. 1
Hutchins 1999: 3304, fig.
Hine et al. 2000: 29, 82
Paul 2000: 92–93, 203, figs

2825 ***Arripis trutta trutta***
Malcolm 1960: 282
MacDonald 1983: 780

2826 ***Arripis truttaceus***
Sherrin 1886: 51

2827 ***Arripis xylabion***
NORTHERN KAHAWAI
Paulin 1993: 463–469, figs 4, 5
Francis M 1996a: 52
Paulin et al. 1996: 53, fig.
Paul & Heath 1997a: 38
Paul 2000: 93, fig.

2828 ***Arripis***
KAHAWAI
Gunther 1880b: 285, 393, 1 fig.
Jones J 1990b: 9, 14

2829 ***Centropristes mulloides***
Richardson J 1843a: 16
Richardson J 1843b: 206
Richardson & Gray 1843: 206
Hutton 1872: 2–3

2830 ***Centropristes salar***
Richardson J 1842d: 79

2831 ***Centropristes (Arripis) salar***
Richardson J 1846: iv, 29–30, pl. 20

2832 ***Centropistes sapidissimus***
Whitley 1929a: 123

2833 ***Centropristes sapidissimus***
Richardson J 1843a: 16
Richardson J 1843b: 206–207
Richardson & Gray 1843: 206
Hutton 1872: 2–3

2834 ***Centropristes trutta***
KAHAWAI
Richardson & Gray 1843: 206
Richardson J 1843a: 15–16
Taylor 1855: 411, 413
Taylor 1870: 623
Gill 1893: 96

2835 ***Mulloides sapidissimus***
Parkinson : 2.t. Vol. 2, No. 67
Solander : MS 21
Whitehead 1968: pl. 10

2836 ***Perca trutta***
Bloch & Schneider 1801: 542
Cuvier 1828: Vol. 2, 54

2837 *Sciaena mulloides*
Richardson J 1842d: 79
Parkinson : 2.t.68

2838 *Sciaena mulloides (sapidissima)*
Forster G [1772–1775]: .211

2839 *Sciaena trutta*
Forster G [1772–1775]: 210
Bloch & Schneider 1801: 542
Forster J.R. 1801: MS 2.67
Cuvier 1828: Vol. 2, 54
Gill 1893: 96

2840 *Sciaena*
Forster 1777: 126, Vol. 1

2841 *Scomber forsteri*
Bloch & Schneider 1801: 26–27
Whitley 1968a: 58

2842 *Scomber maculatus*
Forster G [1772–1775]: 228
Forster J.R. 1801: MS 2.120
Whitley 1968a: 58

2843 KAHAWAI
Polack 1838: 322
Hector 1872: 100
Thomson G 1877: 486
Thomson G 1878: 327–328
Thomson G 1879: 383, 385
Gold-Smith 1885: 419
Sherrin 1886: 40, 83, 284, 291, 294, l06
Thomson G 1892: 203–204
Mair 1903: 319
Drummond & Hutton 1905: fig. 2, 71
Hamilton A 1908: 22–23, 30, 32, 63–64
Waite 1911c: 265
Sladden & Falla 1928: 290
Best 1929: 27, 34–37, 42–43, 45, 62, fig. 13
Poata 1929: 8–9, 31–32
Fairchild 1933: 153
Graham D 1939a: 423–426, 430, 432
Benham 1940: 35
Sampson 1962: 34
Keene 1963: 40
Woods 1963: 16, 23
Street 1964: 4
Fisher 1965: 112
Sorensen 1965a: 24
Sorensen 1965c: 128
Cunningham 1966: (1) 679
Paul 1966c: (1) 37–38, 677
Sorensen 1969a: 27
Webb 1973g: 10-11
Doak 1974n: 1497
Doak 1974s: 1589
Doak 1975a: 1742
Leachman et al. 1978: 2
Leach 1981: 20
Struik 1983: 216
Boyce et al. 1986: 4, *
Pankhurst & Pankhurst 1989: 33
Coote et al. 1991: *, figs 1, 5
Coote et al. 1991: fig. 5
Bradford 1999a: *, figs 6–9, 13–15

2844 SALMON
Polack 1838: 323
Polack 1840: 203

2845 SALMON TROUT [possibly kahawai]
Thomson G 1877: 489, 490
Thomson G 1878: 327
Arthur 1885: 172
Sandager 1893: 254

2846 SEA TROUT
Thomson G 1877: 488

Family Oplegnathidae Knifejaws

Species recognised in 2015:
Oplegnathus woodwardi Waite, 1900 Knifejaw

No pre-2000 references found.

Family Cirrhitidae Hawkfishes

Species recognised in 2015:
Cirrhitus pinnulatus (Forster, 1801) Stocky hawkfish
Cyprinocirrhites polyactis (Bleeker, 1874) Lyretail hawkfish
Notocirrhitus splendens (Ogilby, 1889) Splendid hawkfish

2847 *Cirrhitus pinnulatus*
Paulin 1984b: 66, fig. 4
Paulin & Stewart 1985: 45
Paulin et al. 1989: 199, 262, fig. 132.2b
Francis M 1996a: 52

2848 *Cirrhitus splendens*
SPLENDID HAWKFISH
Paulin 1984b: 64–66, fig. 3
Paulin & Stewart 1985: 45
Marsh 1986: 149–150, 153

Schiel et al. 1986: 529
Francis M et al. 1987: 5
Paulin et al. 1989: 199, 262, fig. 132.2a
Cole et al. 1992: 210
Francis M 1996a: 52

Family Chironemidae Kelpfishes

Species recognised in 2015:
Chironemus maculosus Richardson, 1850 Silverspot
Chironemus marmoratus Günther, 1860 Hiwihiwi
Chironemus microlepis Waite, 1916 Northern kelpfish

2850 *Chironemis marmoratus*
HIWIHIWI
Paulin & Stewart 1985: 45

2851 *Chironemis microlepis*
Paulin & Stewart 1985: 45

2852 *Chironemus fergusoni*
Hutton 1904c: 42

2853 *Chironemus fergussoni*
FERGUSON'S KELPFISH, HIWIHIWI
Hutton 1890: 277
Thomson G 1892: 206
Waite 1907: 21
McCulloch & Phillipps 1923: 19
Buck 1926: 646
Whitley 1956b: 408
Whitley 1968a: 64

2854 *Chironemus furgussonii*
HIWIHIWI
Hector 1877a: 467–468, pl. 8
Sherrin 1886: 45, 300
Sandager 1888: 128
Gill 1893: 117

2855 *Chironemus georgianus*
Hutton 1872: 7
Hector 1877a: 467
Sherrin 1886: 300
Sandager 1888: 127
Hutton 1890: 277

2856 *Chironemus marmoratus*
HIWIHIWI, KELPFISH, N.I. KELPFISH, ROCK COD
Hector 1877a: 467
Waite 1910b: 378
McCulloch & Phillipps 1923: 19
Phillipps 1927b: 38
Phillipps 1927c: 13
McCulloch 1929: 256
Phillipps 1947: 42
Doogue & Moreland 1961: 246, 250, one fig.
McLintock 1966: (3) 708
Heath & Moreland 1967: 26, fig. 38
Natusch 1967: 222

2849 *Cyprinocirrhites polyactis*
Francis M & Evans 1993: 132, 134

Morton & Millar 1968: 360
Grace R 1971: 133
Russell 1971b: 86
Grace R 1972a: 92
Grace R 1973: 16
Grace R 1975: 98
Allen et al. 1976: 415
Grace A 1976: 104
Ayling 1978: 7, 66, 70, 79–81, 84–86, 88–92
Grace & Grace 1978: 134
Nicholson 1979: 136
Shuntov 1979: 69, *
Willan et al. 1979: 452, 454
Housley et al. 1981: 38
Thompson 1981: 6, 11, 12, 19, 45, 173, 175–176 (figs), 289, 296, 314, 319
Ayling & Cox 1982: 15, 239–240, pl. 26
Gunson 1983: 186, 189, fig.
Kelly 1983: 56, 123
Last et al. 1983: 391–392, fig.
Russell 1983: 129, 139, 140
Bradstock 1985: pl.
Dickson 1986: 29
Paul 1986: 111, fig.
Roberts et al. 1986: 358, 360
Choat & Ayling 1987: 259, 261, 268
Hardy et al. 1987: 249
Francis M 1988c: 36–37, pl. 73
Jones G 1988: 453
Paulin et al. 1989: 200, 262
Cole et al. 1990: 201, 203–204, 208, figs 5–7
Doak 1991: 110, figs
Paulin & Roberts 1992: 113–114, figs 58a, b, pl. 24E
Paul et al. 1993: 63, fig.
Paulin & Roberts 1993: 199
Willis 1995: 67
Francis M 1996a: 52
Francis M 1996b: 40–41, pl. 75
Paul & Heath 1997a: 50, fig.
Cole & Keuskamp 1998: 218, 221
Paulin 1998: 32, fig.
Taylor & Willis 1998: 256
Dudley et al. 2000: 785
Paul 2000: 111, fig.

2857 *Chironemus microlepis*
Francis M et al. 1987: 5

Paulin et al. 1989: 200, 262
Francis M 1993b: 148
Francis M 1996a: 52

2858 *Chironemus*
Gunther 1880b: 285

2859 *Haplodactylus fergussoni*
HIWIHIWI
Hector 1875a: 243
Hutton 1890: 277

2860 *Threpterius maculosus*
SILVER SPOT
Paulin et al. 1989: 200, 262, fig. 133.3a

Family Aplodactylidae Marblefishes

Species recognised in 2015:
Aplodactylus arctidens Richardson, 1839 Marblefish
Aplodactylus etheridgii (Ogilby, 1889) Notch-head marblefish

2863 *Aplodactylus arctidens*
GRANITE TROUT, MAORI CHIEF, MARBLEFISH, MARBLE TROUT
Grace R 1971: 135
Russell 1971b: 86
Grace R 1972a: 92
Moreland 1975: 283
Francis M 1979: 68
Nicholson 1979: 136
Ayling & Cox 1982: 15, 240–241, pl. 26
Gunson 1983: 187, 189, fig.
Kelly 1983: 56, 123
Russell 1983: 129–130, 138
Schiel 1984: 51, 68, 89
Paulin & Stewart 1985: 45
Andrews 1986: 10, 16
Hardy 1986c: 27
Paul 1986: 111, fig.
Roberts et al. 1986: 358, 360
Choat & Ayling 1987: 259, 261, 268, 270, 274
Hardy et al. 1987: 246
Russell 1987: 85
Francis M 1988c: 37, pl. 74
Jones G 1988: 453, 455
Horn M 1989: *, Table 1
Paulin et al. 1989: 201, 262, fig. 134.2b
Cole et al. 1990: 204, 208
Jones & Andrew 1990: 507, *
Doak 1991: 84, fig.
Choat & Clements 1992: 1451–1459
Paulin & Roberts 1992: 116–117, fig. 60a, b, pl. 24F
Leach & Boocock 1993: *
Paul et al. 1993: 63, fig.
Paulin & Roberts 1993: 197
Hickford & Schiel 1995: 221, 223, 228, 229, 230, figs 3, 5, 7, 10
Willis 1995: 67
Francis M 1996a: 52
Francis M 1996b: 41 pl. 76
Hickford & Schiel 1996: 671
Anderson A 1997: 2, 4, 5, 7, 8, 10, 12
Hickford et al. 1997: 252, 255, 258, fig. 3
Leach 1997: * figs
Leach [et al. 1997A]: 60, 62
Leach et al. 1997b: 103, 105, 112
Meekan & Choat 1997: 377–383, figs 3–8
Paul & Heath 1997a: 51, fig.
Enderby & Enderby 1998: 16, pl.
Horwood et al. 1998: 23, *
Paulin & Roberts 1998: 171
Taylor & Willis 1998: 256
Weisler et al. 1999: 43
Zemke-White & Clements 1999: 137–149, figs 1, 2
Zemke-White et al. 1999: 97–113
Burridge 2000: 2174, 2181–2182
Paul 2000: 111, fig.
Russell 2000: 2158–2161, figs 1, 2

2864 *Aplodactylus etheridgi*
SPOTTED MARBLEFISH
Allen et al. 1976: 415
Ayling & Cox 1982: 241, pl. 26
Kelly 1983: 56, 123
Schiel 1984: 51
Paulin & Stewart 1985: 45
Marsh 1986: 147, 153
Roberts et al. 1986: 358, 361
Schiel et al. 1986: 529
Francis M et al. 1987: 5
Hardy et al. 1987: 246

2865 *Aplodactylus etheridgii*
NOTCH-HEAD(ED) MARBLEFISH
Willan et al. 1979: 453
Thompson 1981: 173
Russell 1987: 85
Francis M 1988c: 37, pl. 75
Horn M 1989: *, Table 1

2861 HIWIHIWI
Sherrin 1886: 19
Thomson G 1892: 203

2862 KELPFISH
Doak 1974n: 1496
Doak 1974p: 1542 fig
Doak 1974s: 1589-1590, fig
Doak 1975a: 1742
Creese et al. 1988: 57, fig. 17
Enderby & Enderby 1998: 16, pl.

Paulin et al. 1989: 201, 262, fig. 134.2a
Cole et al. 1992: 210
Paulin & Roberts 1992: 116
Willis 1995: 67
Francis M 1996a: 52
Francis M 1996b: 41, pl. 77
Paul & Heath 1997a: 51
Cole 1999: fig. 2
Zemke-White & Clements 1999: 137–149, figs 1, 2
Zemke-White et al. 1999: 97–113
Burridge 2000: 2174, 2181–2182
Russell 2000: 2158, 2161–2162, figs 2, 3

2866 ***Aplodactylus ethridgii***
KNOTCH-HEADED MARBLEFISH
Doak 1974q: 1543, fig.
Moreland 1975: 282–284, fig. 4
Nicholson 1979: 136
Nicholson 1980: 142

2867 ***Aplodactylus meandratus***
GRANITE TROUT, MARBLE FISH, MARBLE TROUT
Richardson & Gray 1843: 207
Richardson J 1843a: 16
Hutton 1872: 6
Haast 1873: 272–273
Hector 1875a: 241–242
Waite 1907: 20
Phillipps 1921a: 115
Thomson & Anderton 1921: 76
Phillipps & Hodgkinson 1922: 92
Phillipps 1927c: 13
Phillipps 1947: 43
Doogue & Moreland 1961: 246, 250, one fig.
Moreland 1963: 34, one fig.
McLintock 1966: (3) 708
Heath & Moreland 1967: 28, fig. 42
Morton & Miller 1968: 360, fig. 132
Grace R 1973: 16
Doak 1974q: 1543, fig.
Grace A 1974: 22
Grace R 1975: 97
Grace A 1976: 104
Ayling 1978: 66, 71, 79, 84, 86, 89
Grace & Grace 1978: 134
Leach 1979: 120–121
Willan et al. 1979: 451, 454
Ayling & Cox 1980: 240
Housley et al. 1981: 38
Thompson 1981: 6, 20, 45, 173, 177–178 (figs), 294, 303, 312, 315, 319, 323
Dickson 1986: 29
Russell 2000: 2157

2868 ***Aplodactylus schauinslandii***
Phillipps 1927c: 13
von Wahlert 1955: 325

2869 ***Aplodactylus* sp.**
Roberts C 1991: 11

2870 ***Dactylosargus arctidens***
GRANITE TROUT, MARBLE FISH
Whitley 1955: 119
Whitley 1956b: 407
Whitley 1968a: 62
Russell 1969: 111, 112
Last et al. 1983: 393, fig.

2871 ***Dactylosargus arctidens meandratus***
GRANITE TROUT, MARBLE FISH
Graham D 1956: 137, 248–250, 267, one fig.

2872 ***Dactylosargus meandratus***
McCulloch 1929: 256
Scott E 1974a: 274

2873 ***Haplodactylus donaldii***
Haast 1873: 272–273, pl. 16
Hector 1875a: 242
Hutton 1875a: 132
Sherrin 1886: 299
Hutton 1890: 277
Hardy 1990: 11

2874 ***Haplodactylus meandratus***
GRANITE TROUT, MARBLE-FISH
Hector 1875a: 239, 241–242, pl. 10
Hutton 1875a: 132
Hutton 1876: 211
Hector 1898c: 575
Thomson G 1878: 326
Thomson G 1879: 381
Sherrin 1886: 35–36, 299
Hutton 1890: 277
Gill 1893: 117
Parker 1898: 575
Hutton 1904c: 41
Thomson G 1906: 549
Buck 1926: 612–620, 634–636
Phillipps 1927b: 37
Benham 1936: 27
Wilson 1937: 31
Benham 1938: 56
Graham D 1938: 411
Parrott 1957: 112–114, one fig.
Natusch 1967: 222
Knox 1969c: 549

2875 ***Haplodactylus schauninslandii***
Steindachner 1901: 487–488
Waite 1907: 35
Whitley 1935c: 84
Whitley 1955: 112–113, 119

2876 ***Haplodactylus***
Hutton 1872: 5–6
Gunther 1880b: 285

2877 *Hoplodactylus maeandratus*
Waite 1924: 480

2878 *Sciaena meandrites*
Parkinson : 2.t.65
Solander n.d: MS Z2
Whitehead 1968: pl. 19

2879 *Sciaena meandratus*
Richardson J 1842d: 83
Russell 2000: 2157

2880 GRANITE TROUT
Thomson G 1877: 488
Thomson G 1878: 329

2881 MARBLEFISH
Graham D 1939a: 423–424, 435–436
Doak 1974n: 1496
Doak 1974s: 1589, fig
Creese et al. 1988: 57–58, fig. 17
Leach [et al. 1999A]: *

Family Cheilodactylidae Morwongs, tarakihi

Species recognised in 2015:
Cheilodactylus ephippium McCulloch & Waite, 1916 Painted moki
Cheilodactylus francisi Burridge, 2004 Masked morwong
Cheilodactylus fuscus Castelnau, 1879 Red morwong
Cheilodactylus nigripes Richardson, 1850 Magpie perch
Cheilodactylus spectabilis Hutton, 1872 Red moki
Cheilodactylus cf. *vittatus* Garrett, 1864
Nemadactylus douglasii (Hector, 1875) Porae
Nemadactylus macropterus (Forster, 1801) Tarakihi
Nemadactylus n. sp. King tarakihi

2882 *Cheiloclactylus macropterus*
TARAKIHI
Tunbridge 1966a: 1–3, 5, 8, 10–11, figs 2, 4

2883 *Cheilodactylus bizonarius*
TASMANIAN MAGPIE-PERCH
Drew 1918: 253
Thomson JA 1918a: 6, fig. 2

2884 *Cheilodactylus carponemus*
Cuvier 1830: Vol. 5, 362–365, pl. 128
Richardson J 1842d: 101
Richardson & Gray 1843: 208
Richardson J 1843a: 18–19

2885 *Cheilodactylus celidotus*
RED MOKI
Grace R 1971: 133

2886 *Cheilodactylus douglasi*
PORAE
Waite 1907: 20
Thomson JA 1918a: 6
Phillipps 1927b: 38
Phillipps 1927c: 13
Doogue & Moreland 1961: 247, 249, 251, one fig.
Moreland 1963: 34, one fig.
McLintock 1966: (3) 709
Powell 1966: (3)351
Heath & Moreland 1967: 38, fig. 64
Natusch 1967: 222, fig. 69
Tong & Elder 1968: 65–66
Sorenson 1970: 47
Ayling & Grace 1971: 214
Japan DSTA 1971: 65, *
Watkinson & Smith 1972: 14
Ayling 1974a: 580
McKenzie 1974: 1013
Tong 1974: 716–724, fig.
Robertson 1975c: 13
Ayling 1978: 1, 66, 79–92
Housley et al. 1981: 38
Thompson 1981: 8, 20, 173, 181–182 (figs), 183, 295, 305, 316, 322
Ayling & Cox 1982: 16, 241–242, pl. 27
Vlieg 1984b: 427–434
Vlieg & Body 1988: 151–161

2887 *Cheilodactylus douglasii*
PORAE
Hewitt & Hine 1972: 80
Tong & Vooren 1972: 1
Vooren 1972: 609
Waugh 1973: 267
Shuntov 1979: 70, *
Hine et al. 2000: 34

2888 *Cheilodactylus ephippium*
PAINTED MOKI
Doak 1974n: 1497
Tong 1974: 716–724, fig
Moreland 1975: 286–288, fig. 6
Allen & Heemstra 1976: 312
Willan et al. 1979: 453
Thompson 1981: 173
Ayling & Cox 1982: 245, pl. 28
Kelly 1983: 123
Paulin & Stewart 1985: 45
Marsh 1986: 147, 153
Paul 1986: 104, fig.
Roberts et al. 1986: 358
Schiel et al. 1986: 529

Francis M et al. 1987: 5, 7
Hardy et al. 1987: 246
Francis M 1988c: 37, pl. 76
Paulin et al. 1989: 203, 262, fig. 135.5b
Doak 1991: 91, fig.
Cole et al. 1992: 210
Francis M 1996a: 52
Francis M 1996b: 41–42, pl. 78
Paul 2000: 104, fig.

2889 *Cheilodactylus fuscus*
RED MORWONG
Tong 1974: 716–724
Moreland 1975: 284–286, fig. 5
Allen & Heemstra 1976: 312
Bell 1979: 129–133
Thompson 1981: 173
Ayling & Cox 1982: 245, fig.
Kelly 1983: 123
Paulin & Stewart 1985: 45
Paul 1986: 104, fig.
Paulin et al. 1989: 203, 262, fig. 135.4a
Francis M 1991: 207
Paul 2000: 104, fig.

2890 *Cheilodactylus gibbosus*
Richardson J 1841b: 21

2891 *Cheilodactylus* (*Goniistius*) *gibbosus*
Francis M et al. 1987: 7

2892 *Cheilodactylus macropterus*
TARAKIHI, TERAKIHI
Richardson & Gray 1843: 208
Richardson J 1843a: 19
Gill 1893: 94, 96
Waite 1907: 20
Waite 1909a: 53–54, 57
Waite 1909b: 134
Waite 1911b: 220–222, pl. 45
Thomson JA 1918a: 6
Ayson 1924: 7, fig.
Norman 1937: 61
Cassie 1955: 7, 38, 70–72, 80, 92, 98
Cassie 1956a: 713
Longhurst 1958: 487
McKenzie 1960: 45, 47
Doogue & Moreland 1961: 247–249, 251–252, one fig.
McKenzie 1961a: 1–8, figs 1–4
Allen 1963: 140–141
Gorman 1963: 7, 12, 40, fig. 3
Graham J 1963: 168
Moreland 1963: 32, one fig.
Street 1964: 16, 19
Anon 1965: 17, fig. 47
Moreland 1965: 125–126, 1 fig.
Cunningham 1966: (1) 680–683, 686–687
McLintock 1966: (3) 709
Powell 1966: (3) 351, one fig.
Beaglehole 1967: 807
Heath & Moreland 1967: 34, 38, fig. 55
Kensler 1967: 73
Hewitt 1968c: 1, 16
McDowall 1968c: 11
Sorensen 1968: 148, 150
Tong & Elder 1968: 49, 51–53, 55–61, 65–66, fig. 3
Reid 1969: 1–48
Sorenson 1970: 6, 41, 47, 48, 56, fig. 43
Waugh 1970: 83
York 1970: 10
Coakley 1971: 8, 9, 24
Cunningham & Waugh 1971: 157
Hewitt & Hine 1972: 80–81
JAMARC 1972: 10, *
Japan FSFRL 1972: 89, fig.
JFA 1972: *
Tong & Vooren 1972: 1–60, figs 2–37
Vooren 1972: 602–618, figs 2–9
Watkinson & Smith 1972: 7, 9, 13–17, 24, 31, 40, 41, 72, 74, 75, 85, 86, fig.
Webb 1972b: 3, 4, 7, 11, 14, 17
Stead 1973: 7, 10
Vooren 1973a: 493–502
Vooren 1973b: 109, 111, 112, figs 1–3
Waugh 1973: 255, 267, 271, 269, fig. 11.7
Vooren & Tong 1973: 1–28, figs 2–10
Brooks & Rumsey 1974: 155–156
Godfriaux 1974a: 111–153, fig. 2–7
Godfriaux 1974b: 473, 478
Godfriaux 1974c: 589–609
McKenzie 1974: 1012–1014, fig.
Paul 1974c: 570
Tong 1974: 716–724
Vooren 1974: 1–44, figs 10–15
Allen 1975: 1–9
JAMARC 1975: 15, *
Ritchie et al. 1975: 2, *
Robertson 1975c: 13, fig. 9
Vooren 1975: 121–158, fig. 3–16
Habib 1976a: 10, fig. 1
Hinds 1976: 152
JAMARC 1976: 21, *
Robertson 1976: 322–323
Vooren & Tracey 1976: 499–509
Waugh 1976a: 6, 7, 15–16, 28, 30
Wei et al. 1976: 1–101, fig.
Crossland 1977a: 37
Crossland 1977b: 768
Gauldie & Nathan 1977: 179–191, fig. 2–4
Gauldie et al. 1977: 391
Tong & Saito 1977: 159–162, fig. 2
Vasil'kov 1977: 375–381, figs 1–2
Vooren 1977: 1–22, fig. 3–12
Ayling 1978: 66, 71, 79, 86
Fenaughty & O'Sullivan 1978: 46, 146
Gauldie & Smith 1978: 421–422, 425, fig. 1
JFA 1978: *
Korea FRDA 1978: 65, *
McDowall 1978a: 91

Robertson 1978c: 277–286, fig. 1, 6
Bell 1979: 132
Ford & Gauldie 1979: 273–276
Francis M 1979: 68
Francis R & Fisher 1979: 5
Gauldie 1979: [2]
Kakuda & Kitagawa 1979: 53–66, fig.
Leach 1979: 113, 121, fig. 1
Robertson & Francis 1979: 82
Shuntov 1979: 70, *
Vasil'kov 1979: 639–647
Willan et al. 1979: 452
Gauldie et al. 1980: 19, 21, 23
Gauldie & Johnston 1980: 171, 172–175, 179, 183
Hughes et al. 1980: 43–51
Kawahara 1980: *
Kerstan & Sahrhage 1980: 7, 73–78, fig. 69
Paul & Tarring 1980: 237, 239
Robertson 1980a: 11, 61
Boldyrev et al. 1981: 89
Francis M 1981a: 48
Francis M 1981b: 268, 269, 270
Grange et al. 1981: 227
JAMARC 1981a: 21, *
Robertson 1981: 151, fig. 2
Sullivan 1981: 4, 5, 10, fig. 3, 4
Thompson 1981: 20, 173, 183–184 (figs), 185, 337, 340
van den Broek et al. 1981: 138
Ayling & Cox 1982: 13, 16, 242
Boustead 1982: 10
Richardson B 1982b: 927–931
Bradstock & Gordon 1983: 159, 161
Gauldie 1984a: 94, 99
Gauldie 1984b: 17, 19, 25, 27, 28
JAMARC 1984: 7, 16, 21, 80–111, fig. 13
Pilgrim 1985: 30, 33–35, 37
Gauldie et al. 1986: 93, fig. 1
Hewitt & Blackwell 1987: 141–147
Gauldie 1988a: 395–396
Gauldie 1988d: 169–173
Massey 1988: 75–84, fig. 3
Vlieg & Body 1988: 151–161
McCormick 1989b: 118
Gauldie 1990b: 455–456, fig. 4
Gauldie [et al. 1990B]: 461–462
OECD 1990: 286
Smith 1990: 828–829
Smith et al. 1990: 233, 235
Turner et al. 1999: 404–405

2893 *Cheilodatylus macropterus*
JAMARC 1979: 18, *

2894 *Cheilodactylus nigripes*
MAGPIE MORWONG
Allen & Heemstra 1976: 312
Ayling & Cox 1982: 246, fig.
Edgar et al. 1982: 92, pl. 77
Kelly 1983: 246, fig.
Last et al. 1983: 395, fig.
Paulin & Stewart 1985: 45
Paul 1986: 104, fig.
Paulin et al. 1989: 203, 262, fig. 135.5a
Francis M 1996a: 52
Paul 2000: 104, fig.

2895 *Cheilodactylus spectabilis*
RED MOKI, RED MORWONG
McCulloch 1929: 258
Whitley 1956b: 408
Whitley 1968a: 63
Russell 1969: 111, 112
Russell 1971b: 86
Grace R 1972a: 92
Grace R 1973: 16
Grace A 1974: 23
Tong 1974: 716–724, fig.
Grace R 1975: 97
Allen & Heemstra 1976: 312, 317
Grace A 1976: 104
Russell 1977: 29, 31, 34
Ayling 1978: 1, 7, 66, 71–72, 79–82, 84–93, 95, fig.
Grace & Grace 1978: 134
Francis M 1979: 68
Nicholson 1979: 136
Willan et al. 1979: 452, 456–457
Leum & Choat 1980: 327–337
Housley et al. 1981: 38, 40
Kingett & Choat 1981: 289
Thompson 1981: 6–11, 20, 173, 179–180 (figs), 288, 300, 313–333
Andrew & Choat 1982: 81, 84
Ayling & Cox 1982: 13, 15, 16, 243–244, pl. 27
Edgar et al. 1982: 92, pl. 78
Gunson 1983: 183–184, fig.
Hauraki Gulf Maritime Park Board 1983: 49–50, 170, fig.
Kelly 1983: 123
Paul et al. 1983: 14
Russell 1983: 130, 139, 140, 142
Schiel 1984: 50, 67, 89
Paulin & Stewart 1985: 45
Dickson 1986: 29
Paul 1986: 104, fig.
Roberts et al. 1986: 358–360
Choat & Ayling 1987: 259, 261, 262, 267, 268, 270, 274, 276
Hardy et al. 1987: 246
McCormick & Choat 1987: 469–478, figs 1–4
Paulin 1987a: 9, fig.
Andrew 1988: 417
Francis M 1988c: 37–38, pl. 77
Jones G 1988: 447–448, 451, 453–456
Ballantine 1989: 8
McCormick 1989a: 215–225, figs 1–7
McCormick 1989b: 113–120, figs 1–4
Paulin et al. 1989: 203, 162, fig. 135.4b
Cole et al. 1990: 197–210, figs 2, 5–7
OECD 1990: 177

Doak 1991: 88, figs
Paul 1992: 893
Paulin & Roberts 1992: 121–122, figs 63a, b, pl. 25C, D
Jones et al. 1993: 35–36
Last et al. 1983: 395–396, fig.
Paul et al. 1993: 93, fig.
Paulin & Roberts 1993: 199
Cole 1994: 93–99
Hooper 1994: 215
Hickford & Schiel 1995: 221, figs 5, 7
Willis 1995: 60, 61, 68
Francis M 1996a: 45, 52
Francis M 1996b: 42, pl. 79
Hickford & Schiel 1996: 671
Anderson A 1997: 6, 10, 12
Hickford et al. 1997: 253, 255, fig. 3, 255, fig. 3
Leach et al. 1997b: 103, 105, 112
Paul & Heath 1997a: 54, fig.
Cole & Keuskamp 1998: 218, 220, 221, fig. 8
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2896 *Cheilodactylus vittatus*
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2897 *Cheilodactylus vizonarius*
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2898 *Chelidonichthys douglasii*
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2899 *Chilodactylus allporti*
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2900 *Chilodactylus carponemus*
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2901 *Chilodactylus douglasii*
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2902 *Chilodactylus macropterus*
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2903 *Chilodactylus spectabilis*
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2904 *Chilodactylus spectabilus*
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2905 *Chilodactylus zonatus*
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2906 *Chilodactylus*
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2907 *Chironemus spectabilis*
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2908 *Chironemus spectablis*
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2909 *Cichla macroptera*
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2910 *Dactylopagrus carponemus*
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2911 *Dactylopagrus douglasii*
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2912 *Dactylopagrus macropterus*
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2913 *Dactyloparrus macropterus*
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2914 *Dactylosparus douglasii*
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2915 *Dactylosparus macropterus*
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2916 *Evistius huttoni*
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2917 *Evistius huttonii*
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2918 *Evistius*
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2919 *Platystethes huttonii*
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2920 *Platystethus huttonii*
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2921 *Platystethus*
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2922 *Goniistius bizonarius*
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2923 *Goniistius gibbosus*
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2924 *Gonistius bizonarius*
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2925 *Goniistius ephippium*
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2926 *Goniistius nigripes*
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2927 *Goniistius vittatus*
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2928 *Goniistius vizonarius*
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2929 *Goniistius zonatus*
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2930 *Gonistius vizonarius*
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2931 *Morwong fuscus*
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2932 *Nema macropterus*
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2933 *Nemadactylus concinnus*
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2934 *Nemadactylus douglasi*
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2935 *Nemadactylus douglasii*
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2936 *Nemadactylus macropterus*
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2937 *Nemadactylus* sp.
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2938 *Nemadactylus*
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2939 *Nemodactylus douglasi*
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Grace A 1974: 22
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2940 *Nemodactylus douglasii*
Andrew 1988: 417

2941 *Nemodactylus macropterus*
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Grace A 1974: 22
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2942 *Sciaena abdominalis*
Parkinson :2.t.40
Solander : MS 21

2943 *Sciaena macroptera*
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2944 *Sciaenoides abdominalis*
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2945 *Sciaenoides macropterus*
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2946 *Scienoides macropterus*
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2947 *Sparus carponemus*
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2948 MORWONG
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2949 PORAE
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2950 RED MOKI
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2951 TARAKIHI
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Pankhurst & Pankhurst 1989: 33
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2952 TERAKIHI
Struik 1983: 215–216, 220

Family Latrididae Trumpeters

Species recognised in 2015:
Latridopsis ciliaris (Forster, 1801) Blue moki
Latridopsis forsteri (Castelnau, 1872) Copper moki
Latris lineata (Forster, 1801) Trumpeter
Mendosoma lineatum Guichenot, 1848 Telescope fish

2953 *Cichla lineata*
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Richardson J 1842d: 114

2954 *Latridopsis aerosa*
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2955 *Latridopsis ciliaris*
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2956 *Latridopsis forsteri*
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2957 *Latridopsis forsterii*
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2958 *Latridopsis lineata*
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2959 *Latridopsus! ciliaris*
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2960 *Latris aerosa*
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2961 *Latris cilaris*
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2962 *Latris ciliaris*
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Mair 1873: 153
Hector 1875a: 239
Hutton 1875a: 133
Thomson G 1877: 485
Thomson G 1878: 326
Castelnau 1879: 361
Thomson G 1879: 382
Gunther 1880b: 412
Hector 1884b: 53–54
Reischek 1884: 198
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Hector 1886a: 26, 28
Sherrin 1886: 67–68
Saville-Kent 1887: 117–120
Hutton 1890: 277
Thomson G 1891: 227
Thomson G 1892: 206–207
Gill 1893: 94, 96, 99, 117
Waite 1898: 36
Steindachner 1901: 491
Hutton 1904c: 42
Thomson G 1906: 549
Waite 1907: 20
Waite 1909a: 53
Waite 1909b: 134
Waite 1911b: 220
Waite 1912c: 319
Johnson 1920: 22–25
Johnson 1921: 475
Thomson & Anderton 1921: 24, 27, 76, 110, one fig.
Buck 1926: 633, 636, 646
Young 1929: 144
Benham 1935: 22
Benham 1938: 57
Benham 1944: 19
Whitley 1955: 113–114, 119

2963 *Latris forsteri*
BASTARD TRUMPETER
Graham D 1938: 412

2964 *Latris hecateia*
TRUMPETER
Hector 1872: 107–108, pl. 2
Hutton 1872: 8–9
Hector 1875a: 239
Hutton 1875a: 133
Hutton 1877: 353
Thomson G 1877: 485
Thomson G 1878: 326
Thomson G 1879: 382
Gunther 1880b: 412
Hector 1884b: 53–54
Hector 1886a: 26, 28
Sherrin 1886: 100–102, 300
Hutton 1890: 277
Thomson G 1892: 206
Johnson 1920: 22–25
Johnson 1921: 475
Norman 1937: 144

2965 *Latris lineata*
SILVER TRUMPETER, STRIPED TRUMPETER, TASMANIAN TRUMPETER, TRUMPETER, YELLOW TAIL
Richardson & Gray 1843: 209
Richardson J 1843a: 19
Hutton 1873b: 260
Arthur 1885: 160–162, pl. 14
Gill 1893: 94–96, 99, 117
Hutton 1904c: 42
Thomson G 1906: 549
Waite 1907: 20
Waite 1911b: 219–220
Thomson G 1913: 228
Waite 1913a: 215
Thomson & Anderton 1921: 24, 76, 101, one fig.
Rendahl 1925: 3
Young 1925a: 317
Phillipps 1927b: 39
Phillipps 1927c: 13
Griffin 1928: 381–383, pl. 61
McCulloch 1929: 260
Young 1929: 143
Hefford 1936: 72
Wilson 1937: 31
Graham D 1938: 412
Graham D 1939b: 366
Whitley & Phillipps 1939: 223
Benham 1941: 34
Benham 1944: 19
Phillipps 1949c: 45–46, one fig.
Roughley 1951: 100
Graham D 1956: 41, 107, 143, 147, 153, 216, 228, 238, 256–259, 271, one fig.
Whitley 1956b: 408
Kaberry 1957: 90
Parrott 1957: 120–121, 123–125, one fig.
Parrott 1960: 67
Doogue & Moreland 1961: 253, one fig.
Robinson 1961: 245–247, 263
Moreland 1963: 36, one fig.
Street 1964: 16, 19
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Heath & Moreland 1967: 40, fig. 68
Natusch 1967: 222, fig. 69
Penrith 1967: 531
Whitley 1968a: 64
Iwai et al. 1970: 16, pl. 3
Shuntov 1970: 377
Sorenson 1970: 6, 49, 56, fig. 45
Japan DSTA 1971: 64, *
Hewitt & Hine 1972: 87
JAMARC 1972: 10, *

Japan FSFRL 1972: 89, fig.
JFA 1972: *
Vooren 1972: 609
Watkinson & Smith 1972: 24, 49
Doak 1974l: 1333–1334, fig.
Beurois 1975: 55
JAMARC 1975: 15, *
Wei et al. 1976: 57
Fenwick 1978: 223–224
JFA 1978: *
Korea FRDA 1978: 66, *
Francis M 1979: 68
Shuntov 1979: 70, *
Shuntov et al. 1980: 35, 39–41, fig. 5
Anderson A 1981a: 206, 214
Thompson 1981: 174
Wheeler 1981: 793
Ayling & Cox 1982: 248, pl. 28
Edgar et al. 1982: 96, pl. 82
Last et al. 1983: 400–401, fig.
Paulin & Stewart 1985: 46
Paul et al. 1983: 14
van den Broek et al. 1984: *
Andrews 1986: 22, 26
Hardy 1986c: 27
Paul 1986: 106, fig.
Hurst & Bagley 1987: 22, 43
Paulin 1987a: 9, fig.
Francis M 1988c: 40, pl. 82
Fenaughty & Uozumi 1989: 36–37
Kingsford et al. 1989: 179, 181–182, 185
Paulin et al. 1989: 204, 262, fig. 136.3a, pl., p. [194a]
Amaoka et al. 1990: 289, 290, fig.
Hurst et al. 1990: 49
OECD 1990: 295
Roberts C 1991: 18
Leach & Boocock 1993: *
Paul et al. 1993: 93, fig.
Weisler et al. 1999: 43
Francis M 1996a: 42, 44, 52
Francis M 1996b: 44, pl. 84
Hickford & Schiel 1996: 671
Paulin et al. 1996: 30, fig.
Anderson A 1997: 4–8, 10, 19
Leach 1997: * figs
Leach [et al. 1997A]: 60, 62
McClatchie et al. 1997: 666
Paul & Heath 1997b: 71, fig.
Jacob et al. 1998: 2126, 2138
Paulin 1998: 75, fig.
Paulin & Roberts 1998: 168, 171
Ryan & Paulin 1998: 138 (pl)
Hine et al. 2000: 36
Leach & Davidson 2000b: fig. 1
Paul 2000: 106, fig.

2966 *Latris lineatus*
TRUMPETER
Waite 1911b: 248

2967 *Latris salmonea*
TRUMPETER
Richardson & Gray 1843: 209
Richardson J 1843a: 19

2968 *Latris*
TRUMPETER
Macleay 1881a: 426
Henry 1896: 53
Boulenger 1932: 663
Jones J 1990b: 9

2969 *Mendosoma lineata*
Hutton 1873a: 241
Hutton 1873b: 260, pl. 7
Hutton 1874b: 86
Hector 1875a: 239
Hutton 1875a: 132
Hutton 1877: 353
Arthur 1885: 161
Sherrin 1886: 300
Hutton 1890: 277
Gill 1893: 117
Hutton 1904c: 42
Pequeno 1980: 1
Hardy 1986c: 27
Robertson 1992: 80

2970 *Mendosoma lineatum*
TELESCOPE FISH, TRUMPETER
Hutton 1873b: 260
Hutton 1877: 353
Parker 1897b: 629
Waite 1907: 21
Thomas 1913: 228
Thomson & Anderton 1921: 77
Phillipps 1927c: 13
Graham D 1938: 411
Whitley & Phillipps 1939: 233
Graham D 1956: 254, one fig.
Whitley 1956b: 408
Graham J 1963: 168
Wodzicki & Moreland 1966: 98
Whitley 1968a: 64
Robertson 1975c: 9
Fenwick 1978: 223–224
Francis M 1979: 68
Robertson 1980a: 39–40
Thompson 1981: 174
Ayling & Cox 1982: 248, fig.
Crossland 1982b: 46
Roberts & Van Berkel 1982: 136
Paulin & Stewart 1985: 46
Wingham 1985: 233
Paul 1986: 106, fig.
Gon & Heemstra 1987: 183–193, figs
Francis M 1988c: 40, pl. 83
Kingsford et al. 1989: 179, 181–184
Amaoka et al. 1990: 290
Roberts C 1991: 4, 5, 18, fig. 3B

Paulin & Roberts 1992: 19, 151–152, figs 83a, b, pl. 29E, F
Paulin & Roberts 1993: 198
Hickford & Schiel 1995: 221, figs 5, 7
Francis M 1996a: 44, 52
Francis M 1996b: 44–45, pl. 85
Hickford & Schiel 1996: 671
Ryan & Paulin 1998: 125 (pl), 131, 138 (pl)
Paul 2000: 106, fig.

2971 *Menodosoma lineatum*
TELESCOPE FISH
Doak 1974l: 1333–1334

2972 *Sciaena ciliaris*
Forster G [1772–1775]: 205, 209
Bloch & Schneider 1801: 311
Forster J.R. 1801: MS 2.55
Richardson J 1842d: 115
Forster J.R. 1844: 137–138

2973 *Sciaena lineata*
Forster G [1772–1775]: 204
Forster J.R. 1801: MS 2.52
Richardson J 1842d: 114
Forster J.R. 1844: 134–136

2974 *Sciena lineata*
Hutton 1890: 277

2975 *Scioena lineata*
Hutton 1873: 260
Hutton 1877: 353

2976 *Sciaena salmonea*
Richardson J 1842d: 114
Parkinson : 2.t. 66

2977 BLUE MOKI
Doak 1975a: 1742
Ayling 1978: 1, 71
Pankhurst & Pankhurst 1989: 33
Leach [et al. 1999A]: *

2978 KOHIKOHI
Gold-Smith 1885: 419

2979 MOKI
Hector 1872: 101, 112
Knox 1873: 308
Thomson G 1877: 486
Thomson G 1878: 324–325, 328
Thomson G 1879: 383
Arthur 1885: 161
Sherrin 1886: 7, 19, 105, 149, 284, 294, 107–108
Thomson G 1892: 203–204
Henry 1896: 53–54
Drummond & Hutton 1905: 71
Anderton 1910: 11
Thomson G 1928: 24
Best 1929: 43, 62
Poata 1929: 12, 14
Thomson G 1930: 30
Thomson G 1931: 30–31
Thomson G 1932: 24
Benham 1933: 22
Graham D 1939a: 423–424, 427–429, 432, 434, 436
Benham 1940: 35
Dickinson 1958: 10–15
Moreland 1961: 61
Sorensen 1965b: 120
Struik 1983: 215
Boyce et al. 1986: 4, *
Clark I et al. 1988: 328

2980 TELESCOPE FISH
Pankhurst & Pankhurst 1989: 33

2981 TRUMPETER
Hector 1872: 101
Thomson G 1877: 486
Thomson G 1878: 324–325, 327–328
Thomson G 1879: 383, 385
Arthur 1885: 161
Sherrin 1886: 7, 19, 25, 149, 284, 107–108
Thomson G 1892: 204
Henry 1896: 53
Drummond & Hutton 1905: 71
Thomson G 1922b: 16
Young 1923: 51
Archey 1927: 199
Graham D 1939a: 423–424, 427, 430, 433, 435
Whitley & Allan 1958: 15
Moreland 1961: 61
Paul 1966c: (1) 677–678

Family Cepolidae Bandfishes

Species recognised in 2015:
Cepola haastii (Hector, 1881) Red bandfish

2982 *Cepola aotea*
BANDFISH, RED BANDFISH
Waite 1911b: 157, 164, 217–219, 223, pl. 44
Waite 1911d: 26
Waite 1912c: 319
Regan 1914c: 18
Phillipps 1927b: 27
Phillipps 1927c: 12
Whitley & Phillipps 1939: 232–233
Whitley 1956b: 404
Tong & Elder 1968: 65–66
Whitley 1968a: 47

Godfriaux 1969: 527
Godfriaux 1970a: 262
Colman 1972b: 225
Ayling & Cox 1982: 249, fig.
Crossland 1982b: 35, fig. 40
Paul et al. 1983: 14
Paulin & Stewart 1985: 46
Paul & Heath 1985: 59, pl. 22
Paul 1986: 116, fig.
Roper 1986: 705–717
Paulin et al. 1989: 205, 262, fig. 137.1
Tricklebank et al. 1992: 269
Paul et al. 1993: 111, fig.
Freeman & Tunnicliffe 1997: 8
Paul & Heath 1997b: 42, fig.
Paul 2000: 116, fig.

2983 *Hypolycodes haastii*
LING
Hector 1881: 194–195, 426, pl. 3
Hutton 1890: 281
Gill 1893: 119
Hutton 1896: 316
Hutton 1904c: 49
Waite 1907: 32
Phillipps 1927b: 51
Phillipps 1927c: 14
Whitley & Phillipps 1939: 233
Whitley 1956b: 412
Whitley 1968a: 81
Andriashev & Fedorov 1986: 136
Anderson M 1994: *
Freeman & Tunnicliffe 1997: 8

2984 BAND-FISH, BLADE-FISH
Clarke 1890: 196

Family Labridae Wrasses

Species recognised in 2015:

Tribe Hypsigenyini Butterfishes, foxfishes, & pigfishes
Bodianus flavifrons Gomon, 2001 Masked foxfish
Bodianus flavipinnis Gomon, 2001 Yellowfin foxfish
Bodianus unimaculatus (Günther, 1862) Red pigfish
Odax cyanoallix Ayling & Paxton, 1983 Bluefin butterfish
Odax pullus (Forster, 1801) Greenbone butterfish

Tribe Julidini Tropical wrasses
Anampses caeruleopunctatus Rüppell, 1829 Bluespotted wrasse
Anampses elegans Ogilby, 1889 Elegant wrasse
Coris aygula Ogilby, 1899 Clown coris
Coris bulbifrons Randall & Kuiter, 1982 Doubleheader
Coris dorsomacula Fowler, 1908 Pinklined coris
Coris picta (Bloch & Schneider, 1801) Combfish
Coris sandeyeri (Hector, 1884) Sandager's wrasse
Halichoeres margaritaceus (Valenciennes, 1839) Pinkbelly wrasse
Pseudocoris yamashiroi (Schmidt, 1931) Redspot wrasse
Pseudojuloides elongatus Ayling & Russell, 1977 Elongate green wrasse
Stethojulis bandanensis (Bleeker, 1851) Bluelined wrasse
Suezichthys arquatus Russell, 1985 Rainbow fish
Suezichthys aylingi Russell, 1985 Crimson cleanerfish
Thalassoma amblycephalum (Bleeker, 1856) Bluntheaded wrasse
Thalassoma lutescens (Lay & Bennett, 1839) Sunset wrasse
Thalassoma lunare (Linnaeus, 1758) Blue wrasse
Thalassoma lutescens (Lay & Bennett, 1839) Sunset wrasse
Thalassoma nigrofasciatum Randall, 2003 Blackbar wrasse
Thalassoma purpureum (Forsskål, 1775) Surge wrasse
Thalassoma trilobatum (Lacépède, 1801) Ladder wrasse

Tribe Pseudolabrini Temperate Pacific wrasses
Notolabrus celidotus (Bloch & Schneider, 1801) Spotty
Notolabrus cinctus (Hutton, 1877) Girdled wrasse
Notolabrus fucicola (Richardson, 1840) Banded wrasse
Notolabrus inscriptus (Richardson, 1848) Green wrasse
Pseudolabrus luculentus (Richardson, 1848) Orange wrasse
Pseudolabrus miles (Forster & Schneider, 1801) Scarlet wrasse

Tribe Scarini Parrotfishes
Leptoscarus vaigiensis (Quoy & Gaimard, 1824) Marbled parrotfish
Scarus sp. Parrotfish

Note: The following entries are not subdivided by Subfamily or Tribe.

2985 *Anampses caeruleopunctatus*
Paulin & Stewart 1985: 46
Schiel et al. 1986: 529–531
Francis M et al. 1987: 4
Paulin et al. 1989: 207, 262
Francis M 1996a: 52

2986 *Anampses elegans*
ELEGANT WRASSE, YELLOW WRASSE
Randall 1972: 152, 171
Doak 1974j: 1280–1284
Allen et al. 1976: 417
Russell & Ayling 1976: 280–281, fig. 3
Thompson 1981: 192
Ayling & Cox 1982: 13, 264, fig.
Kelly 1983: 47, 124, fig. 9
Schiel 1984: 20, 37, 50, 92
Paulin & Stewart 1985: 47
Marsh 1986: 149, 153
Paul 1986: 109, fig.
Schiel et al. 1986: 529, 530
Choat & Ayling 1987: 258, 261, 265
Francis M et al. 1987: 4
Paulin et al. 1989: 207, 262
Doak 1991: 135, figs
Cole et al. 1992: 210
Francis M & Evans 1993: 132
Francis M 1996a: 52
Francis M 1996b: 46, pls 86, 87
Francis M et al. 1999: 579, 581
Westneat 1999: 3388, fig.
Parenti & Randall 2000: *
Paul 2000: 109, fig.

2987 *Bodianus oxycephalus*
RED PIGFISH
Allen et al. 1976: 417
JFA 1977: 129
Ayling 1978: 66, 71, 79, 86
Housley et al. 1981: 38, 40
Thompson 1981: 20, 207–208 (figs), 303, 314
Ayling & Cox 1982: 252, pl. 29
Paul 1986: 108, fig.
Ward & Roberts 1986: 212–219

2988 *Bodianus unimaculatus*
Francis M 1996a: 53
Francis M 1996b: 46, pls 88, 89
Parenti & Randall 2000: *
Willis 1995: 62, 68

2989 *Bodianus vulpinus*
BLACK SPOT PIGFISH, PIG WRASSE, RED PIGFISH
Gomon & Randall 1978: 40–42, figs 4–5
Randall 1981: 202
Ayling & Cox 1982: 13, 22, 252–253, pl. 29
Springer 1982: 54
Kelly 1983: 57, 124
Schiel 1984: 37, 50, 67, 89, 92
Paulin & Stewart 1985: 47
Andrews 1986: 10, 16
Marsh 1986: 151, 153
Paul 1986: 108, fig.
Roberts et al. 1986: 358, 360
Choat & Ayling 1987: 258, 260, 268, 270
Francis M et al. 1987: 5, 9
Hardy et al. 1987: 249
Hine et al. 1987: 42
Francis M 1988c: 41, pls. 84, 85
Paulin et al. 1989: 207, 262, fig. 140.3
Amaoka et al. 1990: 291, 292, fig.
Doak 1991: 132, figs
Cole et al. 1992: 210
Paul et al. 1993: 77, fig.
Willis 1995: 63
Paul & Heath 1997a: 66, fig.
Paul 2000: 108, fig.

2990 *Bodianus* sp.
FOXFISH
Last et al. 1983: 406–407, fig.
Paulin & Stewart 1985: 47
Francis M 1988c: 41, pl. 86
Paulin et al. 1989: 207, 262
Amaoka et al. 1990: 291, 292, fig.
Doak 1991: 134, figs
Francis M 1996a: 53
Francis M 1996b: 46, pl. 90
Parenti & Randall 2000: *

2991 *Callyodon coregonoides*
Parkinson : 2.t.24

2992 *Callyodon vittatus*
Parkinson : Vol. 2, 44
Whitehead 1968: pl. 26

2993 *Coregonoides vittatus*
KELPFISH
Solander : MS 21
Graham D 1956: 260–261, one fig.
Whitley 1956b: 408
Whitley 1968a: 65
Russell 1969: 111
Thompson 1981: 212

2994 *Coregonus vittatus*
Richardson J 1843d: 426–427

2995 *Coridodax pallus*
BUTTERFISH
Phillipps 1947: 45

2996 *Coridodax pullus*
BUTTER-FISH, BUTTERFLY FISH, GREENBONE, KELP-FISH, KELPIE, KELP SALMON, SOUTHERN KELPFISH
Gunther 1862: Vol. 4, 243
Knox 1871: 130–132
Hector 1872: 114–115, pl. 7
Hutton 1872: 44
Hutton 1873b: 266
Hector 1875a: 239
Hutton 1875a: 133
Thomson G 1878: 326
Thomson G 1879: 382
Gunther 1880b: 533
Gill 1893: 94, 98, 117
Hamilton 1884: 128
Hector 1884b: 53, 55
Arthur 1885: 170
Hector 1886a: 26, 28
Sherrin 1886: 13–15, 304
Sandager 1888: 130
Hutton 1890: 282
Thomson G 1892: 212
Hector 1898e: 556
Steindachner 1901: 509
Hutton 1904: 47
Waite 1907: 23
Waite 1911b: 227–229, fig 3, pl. 49
Anderton 1912: 16
Thomson G 1913: 231
Phillipps 1918: 271
Phillipps 1921a: 117, 124
Thomson & Anderton 1921: 24, 78, 104
Phillipps & Hodgkinson 1922: 93
Thomson & Thomson 1923: 111
Ayson 1924: 7, fig.
Phillipps 1927b: 40
Phillipps 1927c: 13
Thomson G 1928: 23–24
McCulloch 1929: 325
Thomson G 1929: 22
Young 1929: 146
Thomson G 1932: 22, 24
Benham 1934: 31
Benham 1935: 21
Benham 1936: 26
Hefford 1936: 72
Wilson 1937: 31
Benham 1938: 56
Graham D 1938: 412
Graham D 1939b: 367
Phillipps 1947: 44, 48
Phillipps 1949c: 46–47, one fig.
Shorland 1950: 36
Powell 1951: 69, fig. 324
Manter 1954: 554–557, 558
Whitley 1955: 116, 119
Graham D 1956: 137, 231, 261–269, 271, fig.
Whitley 1956b: 408
Kaberry 1957: 90
Parrott 1957: 126–131, one fig.
Doogue & Moreland 1961: 256, one fig.
Graham J 1963: 168
Moreland 1963: 38, one fig.
Street 1964: 4, 14, 16–18
Anon. 1965: 15, fig. 12
McLintock 1966: (3) 707–708
Moore 1966: 17
Powell 1966: (1)284, one fig.
Beaglehole 1967: 808
Heath & Moreland 1968: 28, fig. 40
Natusch 1967: 224, fig. 69
Morton & Miller 1968: 360, fig. 132
Whitley 1968a: 65
Russell 1969: 111
Sorenson 1970: 5, 14–15, 26, 46, 52, fig. 5
Doak 1971a: 73, 75
Doak 1971b: 106, 108
Grace R 1971: 135
Russell 1971b: 87
Grace R 1972a: 92
Hewitt & Hine 1972: 72–73
Watkinson & Smith 1972: 49, 75
Grace R 1973: 16
Ayling 1974a: 580–583
Grace A 1974: 23
Grace R 1975: 98
Ritchie 1975: 1769–1770, 3 figs
Robertson 1975c: 7
Crawley & Wilson 1976: 12–13
Grace A 1976: 104
Avdeev 1978: 281, 282
Leach 1979: 118, 121
Leach & Anderson 1979b: 4
Shuntov 1979: 69, *
Robertson 1980a: 11
Shuntov et al. 1980: 35, fig. 2
Boxshall & Bellwood 1981: 75, 80
Wheeler 1981: 794
Ayling & Cox 1982: 265
Boustead 1982: 10
Crossland 1982b: 36
Bradstock 1985: 127
Pilgrim 1985: 36
OECD 1990: 41

2997 *Coris dorsomacula*
PINK-LINED CORIS
Francis M et al. 1999: 571, 573, 577, 584 fig. 10
Randall 1999: 33–34, fig. 3, pls VIIC,D; XVIIID-F

2998 *Coris rex*
McCulloch 1920: 67–69, pl. 14

2999 *Coris picta*
COMBFISH
Stephenson 1970: 199
Ayling & Grace 1971: 206, 208–228, fig. 1
Russell 1971b: 87
Doak 1971b: 108, pl. 51

Grace R 1973: 16–18
Tong 1974: 723
Ayling 1974g: 999
Doak 1974j: 1280–1284
Doak 1974m: 1396
Allen et al. 1976: 418
Randall & Araga 1978: 427–428, figs 1–2
Thompson 1981: 192
Ayling & Cox 1982: 262, pl. 33
Kelly 1983: 47, 56, 124, fig. 9
Schiel 1984: 20, 37, 50, 89, 92
Paulin & Stewart 1985: 47
Paul & Heath 1985: 43, pl. 14
Paul 1986: 109, fig.
Ward & Roberts 1986: 212
Francis M 1988c: 41–42, pl. 87
Paulin et al. 1989: 208, 262
Doak 1991: 146, figs
Francis M 1991, pl. IV
Cole et al. 1992: 210
Francis M & Evans 1993: 132
Paul et al. 1993: 73, fig.
Francis M 1996a: 53
Francis M 1996b: 47, pl. 91
Paul & Heath 1997a: 64, fig.
Francis M et al. 1999: 579, 581
Randall 1999: 55–57, fig. 6, pls XIID; XIIIA; XXIB-D
Parenti & Randall 2000: *
Paul 2000: 109, fig.

3000 *Coris sandageri*
SANDAGER'S PARROTFISH, SANDAGER'S WRASSE
Phillipps 1927b: 41
Doogue & Moreland 1961: 260, one fig.
Ayling & Grace 1971: 206, 208–218, fig. 2
Doak 1971b: 106, pl. 51
Russell 1971a: 25
Russell 1971b: 87
Grace R 1972a: 92
Grace R 1973: 16–18
Ayling 1974g: 999, fig.
Doak 1974a: 1396
Doak 1974j: 1280–1284, fig.
Grace A 1974: 23
Grace R 1975: 98
Allen et al. 1976: 418
Gordon & Ballantyne 1976: 34
Grace A 1976: 104
Russell 1977: 34
Ayling 1978: 66, 71, 79–84, 86, 89
Grace & Grace 1978: 134
Nicholson 1979: 136
Willan et al. 1979: 452
Housley 1980: 88
Nicholson & Roberts 1980: 142
Housley et al. 1981: 38
Thompson 1981: 20, 192, 209–211 (figs), 217
Ayling & Cox 1982: 13, 261–262, pl. 33
Gunson 1983: 186, 190, fig.
Hauraki Gulf Maritime Park Board 1983: 51–52, 170, fig.
Kelly 1983: 48, 56, 124, fig. 9
Russell 1983: 131, 139–142
Schiel 1984: 20, 37–38, 50, 65, 84, 89, 92
Paulin & Stewart 1985: 47
Paul & Heath 1985: 43, 45, pls. 14, 15
Marsh 1986: 147, 153
Paul 1986: 108, fig.
Roberts et al. 1986: 358, 360
Ward & Roberts 1986: 212–219
Schiel et al. 1986: 529, 530
Choat & Ayling 1987: 259, 260, 265, 267, 268, 270
Francis M et al. 1987: 4, 11
Hardy et al. 1987: 246–247
Hine et al. 1987: 42
Francis M 1988c: 42, pls. 88–90
Jones G 1988: 453
Paulin et al. 1989: 208, 262
Cole et al. 1990: 204
Doak 1991: 138, figs
Cole et al. 1992: 210
Paul et al. 1993: 73, 75, figs
Willis 1995: 61, 64, 68
Francis M 1996a: 53
Francis M 1996b: 47–48, pls 92–94
Paul & Heath 1997a: 61, fig.
Paulin 1998: 60, fig.
Parenti & Randall 2000: *
Paul 2000: 108, fig.

3001 *Coris sandeyeri*
Griffin 1921: 354–356, pl. 54
Phillipps 1927c: 13
McCulloch 1929: 307
Randall 1999: 63–64, fig. 7, pls XIVB; XXIH; XXIIA, B

3002 *Cossyphus unimaculatus*
Hector 1884a: 323
Sandager 1888: 130
Hutton 1890: 281
Sherrin 1886: 304

3003 *Ctenolabrus knoxi*
Hutton 1873b: 265
Knox 1873: 308, pl. 10
Hector 1875a: 249
Sherrin 1886: 303
Hutton 1890: 277
Gill 1893: 91
McCulloch 1920: 64
Russell 1996: 227

3004 *Cymolutus sandageri*
Sandager 1888: 130
Thomson G 1892: 203, 212
Whitley 1955: 111

3005 *Cymolutes sandeyeri*
Hector 1884a: 323
Hutton 1890: 282
Gill 1893: 117
Hutton 1904c: 48
Waite 1907: 22
Whitley 1955: 111
Hardy 1990: 11

3006 *Cymulutes sandegeri*
Sherrin 1886: 304

3007 *Duymaeria flagellifer*
Waite 1907: 22
Phillipps 1927b: 42
Phillipps 1927c: 13

3008 *Duymaeria flagellifera*
COCKATOO
Gill 1893: 116
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3010 *Duymaeria*
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3011 *Halichoeres margaritaceus*
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3012 *Halichoeres* sp.
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3013 *Halichoeres* sp.
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3014 *Julis celidotus*
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3015 *Julis miles*
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3016 *Julis notatus*
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3017 *Julis prasiophthalmus*
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3018 *Julis rebecula*
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3020 *Julis rubiginosus*
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3022 *Labrichthys bothryocosmus*
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3023 *Labrichthys celidota*
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3024 *Labrichthys cincta*
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3026 *Labrichthys coccineus*
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3028 *Labrichthys fucicolor*
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3029 *Labrichthys laticlavius*
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3030 *Labrichthys miles*
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3032 *Labrichthys richardsoni*
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3033 *Labrichthys roseipunctata*
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3034 *Labrichthys roseipunctatus*
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3035 *Labricthys bothryocosmus*
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3036 *Labricthys fucicola*
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3037 *Labricthys psittacula*
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3038 *Labricthys*
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3039 *Labrus bothryocosmus*
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3040 *Labrus calophthalmus*
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3041 *Labrus celidota*
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3042 *Labrus celidotus*
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3043 *Labrus coccinea*
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3044 *Labrus coccineus*
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3045 *Labrus fucicola*
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3046 *Labrus miles*
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3047 *Labrus poecilopleura*
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3048 *Labrus psittaculus*
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3049 *Labrus*
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3050 *Lepidaplois oxycephalus*
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3051 *Lepidoplois unimaculatus*
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3052 *Leptoscarus vaigiensis*
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3053 *Pictilabrus laticlavius*
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3054 *Notolabrus celidotus*
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3055 *Notolabrus cinctus*
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3056 *Notolabrus fucicola*
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3057 *Notolabrus inscriptus*
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3058 *Notolabrus miles*
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3059 *Odax cyanoallix*
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3060 *Odax pullus*
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3061 *Odax vittatus*
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3062 *Odax*
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3063 *Pseudo luculentus*
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3064 *Pseudocoris yamashiroi*
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3065 *Pseudojuloides elongatus*
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3066 *Pseudolabrus albolineatus*
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3067 *Pseudolabrus bothrycosmus*
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3068 *Pseudolabrus bothryocosmus*
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3069 *Pseudolabrus botryocosmus*
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3070 *Pseudolabrus celadotus*
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3071 *Pseudolabrus celidota*
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3072 *Pseudolabrus celidotus*
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3073 *Pseudolabrus (Lunolabrus) celidotus*
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3074 *Pseudolabus celidotus*
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3075 *Pseudolabrus cinctus*
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3076 *Pseudolabrus coccineus*
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3077 *Pseudolabrus cossyphoides*
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3078 *Pseudolabrus fucicola*
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Andrew 1988: 417
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Paul 2000: 108, fig.

3079 *Pseudolabrus fuscicola*
Waite 1907: 22
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3080 *Pseudolabrus inscriptus*
GREEN PARROTFISH, GREEN WRASSE,
Waite 1910b: 378
Stephenson 1970: 198–199
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Russell 1971b: 87
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Nicholson 1979: 136
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3081 *Pseudolabrus laticlavius*
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3082 *Pseudolabrus luculentus*
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3083 *Pseudolabrus miles*
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Paulin & Roberts 1993: 197
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3084 *Pseudolabrus (Lunolabrus) miles*
SCARLET PARROT-FISH, SOLDIER
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3085 *Pseudolabrus mils*
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3086 *Pseudolabrus pittensis*
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3087 ***Pseudolabrus psittaculus***
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Choat 1968: 151–153, 155, fig. 2

3088 ***Pseudolabrus roseipunctatus***
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3089 ***Pseudolabrus***
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3090 ***Pseudolabrus*** **sp.**
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3091 ***Scarus callyodon***
Valenciennes 1839: Vol. 14, 304

3092 ***Scarus oviceps***
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3093 ***Scarus pullus***
Forster G [1772–1775]: 202
Bloch & Schneider 1801: 288–289
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Richardson J 1843: 427
Gill 1893: 96

3094 ***Scarus rivulatus***
Francis M 1996a: 53

3095 ***Scarus*** **sp.**
Francis M 1993b: 142

3096 ***Sparus notatus***
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Solander : MS 21
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3097 ***Sparus pullus***
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3098 ***Sparus rubiginosus***
Richardson J 1843d: 425
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3099 ***Stethojulis bandanensis***
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3100 ***Suezichthys arquatus***
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3101 ***Suezichthys aylingi***
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Hardy et al. 1987: 246–247
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Jones G 1988: 450

Paulin et al. 1989: 208, 262, fig. 140.9a
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Francis M 1996b: 51, pls 109, 110
Paul & Heath 1997a: 65, fig.
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3102 *Suezichthys*
CRIMSON CLEANER WRASSE
Edgar et al. 1982: 100, pl. 86

3103 *Suezichthys* sp.
CRIMSON CLEANER, CRIMSON CLEANERFISH
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3104 *Suezichthys* sp.
RAINBOW FISH
Ayling & Cox 1982: 260–261, fig.
Paulin & Stewart 1985: 47

3105 *Suezichthys* sp.
Last et al. 1983: 412–413, fig.
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3106 *Suezichthys* sp.
Schiel 1984: 20, 50
Marsh 1986: 149, 153

3107 *Suezicthys* sp.
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3108 *Thalassoma amblycephalum*
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3109 *Thalassoma ?amblycephalum*
Cole et al. 1992: 210

3110 *Thalassoma amblycephalus*
BLUNTHEADED WRASSE
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3111 *Thalassoma jansenii*
Francis M 1993b: 142
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3112 *Thalassoma lunare*
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3113 *Thalassoma lutescens*
SUNSET WRASSE
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Paulin et al. 1989: 207, 263
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3114 *Thalassoma purpureum*
Francis M et al. 1987: 5, 8
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3115 *Thalassoma trilobatum*
Paulin & Stewart 1985: 47
Schiel et al. 1986: 530, 531
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Francis M 1996a: 53

3116 *Thalassoma* sp.
Marsh 1986: 150

3117 *Tiricoris sandeyeri*
KING WRASSE, WRASSE
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3118 *Verres bellis*
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Phillipps 1927b: 42
Phillipps 1927c: 13
Whitley 1956b: 408
Whitley 1968a: 67

3119 *Verreo otycephalus*
Shuntov 1979: 70, *

3120 *Verreo oxycephalus*
PIGFISH, SPOTTED PIGFISH, RED PIGFISH
Waite 1907: 22
Phillipps 1921a: 117
Phillipps & Hodgkinson 1922: 93
Phillipps 1927b: 41
Phillipps 1927c: 13
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Phillipps 1947: 47
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Heath & Moreland 1967: 22, fig. 31
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Grace & Grace 1978: 134
Nicholson 1979: 136
Willan et al. 1979: 452
Housley 1980: 84, fig. 2
Nicholson & Roberts 1980: 142
Ayling & Cox 1982: 252

3121 *Verreo oxycephalus bellis*
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3122 *Verreo unimaculatus*
RED PIGFISH
Whitley 1956b: 408
Whitley 1968a: 67

3123 BANDED PARROTFISH, KELPIE
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Wellman 1962: 64
Paul 1966c: (3) 303
Creese et al. 1988: 57–58, fig. 17

3124 BUTTERFISH [TRUE], KELP–FISH
Hector 1872: 101
Thomson G 1877: 487
Thomson G 1878: 327, 329
Thomson G 1879: 384–385
Sherrin 1886: 92, 106, 284
Thomson G 1892: 203–204
Henry 1896: 53–54
Thomson G 1898a: 577
Drummond & Hutton 1905: 71, 73–74
Waite 1911c: 265
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Young 1925b: 371
Sorensen 1965b: 119–120
Sorensen 1969a: 13, 15, 18, 20, 27
Doak 1974n: 1496
Doak 1974s: 1589
Doak 1975a: 1742
Boyce et al. 1986: 4, *
Leach & Davidson 2000b: 415

3125 GIRDLED PARROT-FISH
Graham D 1939a: 423, 427–428, 430, 433–434

3126 GREEN PARROTFISH
Doak 1974n: 1496
Creese et al. 1988: 58

3127 GREENBONE
Graham D 1939a: 424, 428, 432, 434–435
Benham 1940: 36
Sorensen 1969b: 27, 41, 60
Leach 1981: 20
Leach [et al. 1999A]: *

3128 KELPFISH
Sherrin 1886: l06, l08
Thomson G 1922b: 16
Thomson G 1930: 30
Graham D 1939a: 423
Benham 1940: 36

3129 ORANGE PARROT FISH
Creese et al. 1988: 57–58, fig. 17

3130 PARROTFISH
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Thomson G 1878: 329
Thomson G 1879: 384
Thomson G 1892: 203–204
Henry 1896: 53–54
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Doak 1975a: 1742

3131 PIG FISH, RED PIGFISH
Doak 1974s:1590, fig
Creese et al. 1988: 57–58, fig. 17

3132 RARI
Taylor 1855: 412
Taylor 1870: 628

3133 SANDAGER'S PARROT FISH
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Creese et al. 1988: 57–58, fig. 17

3134 SCARLET PARROT FISH
Creese et al. 1988: 57–58, fig. 17

3135 SCARLET PARROTFISH, SOLDIER, SOLDIER-FISH
Thomson G 1892: 203
Graham D 1939a: 423, 427
Paul 1966c: (3) 303

3136 BUTTERFISH, KELPFISH, PARROTFISH, PODDLY, SPOTTY, WRASSE
Hector 1872: 101, 108
Thomson G 1877: 487
Thomson G 1878: 329
Thomson G 1879: 384
Hector 1884b: 53
Hector 1886a: 26
Sherrin 1886: 7
Thomson G 1892: 203–204, 211
Thomson G 1920: 20
Thomson G 1922b: 16

Thomson G 1928: 24
Benham 1935: 22
Graham D 1939a: 423–424, 427, 429
Benham 1940: 35
Benham 1945: 19
Graham D 1956: 28, 67
Moreland 1959: 28
Moreland 1961: 68
Wellman 1962: 62
Moreland 1965: 125–126
Paul 1966c: (1) 676–677
Doak 1974n: 1496
Leach 1981: 20
Creese et al. 1988: 57–58, fig. 17
Leach [et al. 1999A]: *

Family Pomacentridae Damselfishes

Species recognised in 2015:
Abudefduf sordidus (Forsskål, 1775) Blackspot sergeant
Abudefduf vaigiensis (Quoy & Gaimard, 1825) Indo-Pacific sergeant
Chromis abyssicola Allen & Randall, 1985 Deepwater demoiselle
Chromis dispila Griffin, 1923 Twospot demoiselle
Chromis flavomaculata Kamohara, 1960 Yellowspot demoiselle
Chromis fumea (Tanaka, 1917) Yellow demoiselle
Chromis hypsilepis (Günther, 1867) Onespot demoiselle
Chromis vanderbilti (Fowler, 1941) Vanderbilt's chromis
Chrysiptera notialis (Allen, 1975) Southern damselfish
Chrysiptera rapanui (Greenfield & Hensley, 1970) Easter Island demoiselle
Parma alboscapularis Allen & Hoese, 1975 Black angelfish
Parma kermadecensis Allen, 1987 Kermadec scalyfin
Parma polylepis Günther, 1862 Banded scalyfin
Stegastes fasciolatus (Ogilby, 1889) Pacific gregory
Stegastes gascoynei (Whitley, 1964) Coral Sea gregory

3137 *Abudefduf saxatilis*
Foster & Willan 1979: 147
Francis M et al. 1999: 576

3138 *Abudefduf vaigiensis*
INDO-PACIFIC SERGEANT
Cranfield et al. 1998: 28
Francis M et al. 1999: 571, 573, 576, fig. 7

3139 *Chromis abyssicola*
DEEPWATER DEMOISELLE
Allen & Randall 1985: 241–245, fig. 1

3140 *Chromis dispilus*
DEMOISELLE, PULLER, TWO-SPOT DEMOISELLE
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Powell 1941: 258
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Moreland 1965: 125, 1 fig.
Whitley 1968a: 65
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Doak 1971b: 104, 106, 108, pl. 5
Russell 1971a: 22–29, fig. 3–5
Russell 1971b: 87
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Paul 1986: 98, fig.
Roberts et al. 1986: 358–360
Roper 1986: 705–717
Schiel et al. 1986: 529, 531
Allen 1987: 271
Francis M et al. 1987: 5, 12
Hardy et al. 1987: 245
Hine et al. 1987: 41
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Jones G 1988: 447–448, 453, 455–456
Kingsford 1988: 468
Kingsford & MacDiarmid 1988: 105–117
Pankhurst 1988a: 525
Kingsford 1989: 15–23
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Paul et al. 1993: 85, fig.
Barnett & Pankhurst 1994: 260–274, figs 1–7
Pankhurst & Carragher 1995: 1201–1209, figs 1–4
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Hobby & Pankhurst 1997: 65–75, figs
Paul & Heath 1997a: 49, fig.
Enderby & Enderby 1998: 20, pl.
Kingsford 1998: 150, 154, 155, 156
Taylor & Willis 1998: 256
Francis M et al. 1999: 577
Paul 2000: 98, fig.

3141 *Chromis flavomaculata*
YELLOWSPOTTED CHROMIS
Francis M et al. 1999: 571, 573, 576–577, 582

3142 *Chromis fumea*
YELLOW DEMOISELLE
Kingsford 1985: 436–437
Paulin & Stewart 1985: 44
Paul 1986: 98
Francis M 1988c: 35, pl. 69
Paulin et al. 1989: 198, 262
Francis M 1996a: 52
Francis M 1996b: 39, pl. 71
Paul & Heath 1997a: 49
Francis M et al. 1999: 579, 580

3143 *Chromis hypsilepis*
BROWN PULLER, ONE-SPOT DEMOISELLE, SINGLE[-]SPOT DEMOISELLE
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Russell & Ayling 1976: 279
Allen et al. 1976: 412
Nicholson 1979: 136
Housley et al. 1981: 38, 41
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Ayling & Cox 1982: 237–238, pl. 25
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Kingsford & MacDiarmid 1988: 107–117
Kingsford 1989: 15, 19–20
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Doak 1991: 36
Willis 1995: 63, 67
Francis M 1996a: 52
Francis M 1996b: 39, pl. 72
Paul & Heath 1997a: 49
Paul 2000: 98

3144 *Chromis vanderbilti*
VANDERBILT'S CHROMIS
Francis M 1993b: 142
Francis M 1996a: 52
Francis M et al. 1999: 571, 573, 577

3145 *Chromis* sp.
Waite 1910b: 378
Doak 1974s: 1590J
Doak 1975a: 1742, fig.
JFA 1977: 127

3146 *Chrysiptera rapanui*
KERMADEC DAMSELFISH, ORANGE DAMSELFISH
Paulin & Stewart 1985: 44
Marsh 1986: 147, 153
Schiel et al. 1986: 530, 531
Allen 1987: 271–272
Francis M et al. 1987: 4
Paulin et al. 1989: 199, 262
Cole et al. 1992: 210
Francis M 1993b: 143, 148, 150
Francis M 1996a: 52
Francis M et al. 1999: 571, 573, 584, fig. 8

3147 *Dascyllus aruanus*
Gunther 1862: Vol. 4, 12
Hutton 1872: 42
Hutton 1873a: 241
Hutton 1874b: 86
Sherrin 1886: 303
Hutton 1890: 281
Gill 1893: 109, 116
Fowler & Bean 1928: Vol. 7, 21–25

3148 *Eupomacentrus gascoynei*
Allen et al. 1976: 413

3149 *Palma alboscapularis*
BLACK ANGELFISH
Willan et al. 1979: 452

3150 *Parma alboscapularis*
BLACK ANGELFISH
Allen & Hoese 1975: 262, 268, 279–283, 290,

figs 13–14
Allen et al. 1976: 414
Nicholson 1979: 136
Nicholson & Roberts 1980: 142
Thompson 1981: 19, 160, 165–166 (figs), 291, 303, 312. 314, 333, 337
Housley et al. 1981: 38, 40
Ayling & Cox 1982: 238–239, pl. 25
Gunson 1983: 186, 190, fig.
Hauraki Gulf Maritime Park Board 1983: 49, 170
Kelly 1983: 48, 56, 123, fig. 9
Russell 1983: 129, 138
Schiel 1984: 17, 19–20, 35–39, 42–43, 50, 62, 67, 70, 84, 89, 92
Kingsford 1985: 436–437
Paulin & Stewart 1985: 44
Marsh 1986: 148, 153
Paul 1986: 98, fig.
Roberts et al. 1986: 358, 360
Schiel et al. 1986: 529
Ward & Roberts 1986: 211–219
Allen 1987: 266, 272
Choat & Ayling 1987: 259, 261, 265, 267, 268, 270
Francis M et al. 1987: 4, 11
Hardy et al. 1987: 245
Francis M 1988a: 143–144
Francis M 1988c: 36, pls 71, 72
Jones G 1988: 453
Horn M 1989: *, Table 1
Paulin et al. 1989: 198, 262, fig. 131.4a
Hardy 1990: 11
Jones & Andrew 1990: 507, 514
Doak 1991: 78, figs
Cole et al. 1992: 210
Paulin & Roberts 1992: 18, 107–108, figs 54a, b, pl. 22D-F
Francis M & Randall 1993: 131
Paul et al. 1993: 83, fig.
Paulin & Roberts 1993: 199
Syms 1995: 39
Willis 1995: 61, 62, 64, 67
Francis M 1996a: 44, 52
Francis M 1996b: 39–40, pls 73, 74
Freeman & Tunnicliffe 1997: 8
Meekan & Choat 1997: 377–383, figs 3–8
Paul & Heath 1997a: 48, fig.
Cole 1999: 203, fig. 2
Zemke-White & Clements 1999: 137–149, figs 1, 2
Zemke-White et al. 1999: 97–113
Paul 2000: 98, fig.

3151 *Parma kermadecensis*
KERMADEC SCALYFIN
Allen 1987: 263–273, figs 1–4
Francis M et al. 1987: 5, 10, 12, fig. 4
Francis M 1988a: 143–144
Horn M 1989: *, Table 1
Paulin et al. 1989: 199, 262, fig. 131.6b
Hardy 1990: 11
Cole et al. 1992: 210
Francis M 1993b: 144, 148
Francis M 1996a: 41, 52
Cole 1999: fig. 2
Francis M et al. 1999: 571, 573, 577, 582, 584, fig. 9

3152 *Parma microlepis*
BLACK ANGELFISH
Doogue & Moreland 1961: 254–255, one fig.
Heath & Moreland 1967: 38, fig. 61
Whitley 1968a: 3, 64
Russell 1969: 111
Ayling & Grace 1971: 212, 214
Russell 1971a: 22
Russell 1971b: 86
Grace R 1972a: 92
Grace R 1973: 16
Grace A 1974: 23
Grace R 1975: 98
Grace A 1976: 104
Grace & Grace 1978: 134
Shuntov 1979: 69, *
Housley 1980: 84
Ayling & Cox 1982: 238
Edgar et al. 1982: 90, pl. 75
Last et al. 1983: 388–389, fig.
Tzioumis & Kingsford 1995: 597–609
Kingsford 1998: 132, 150, 153

3153 *Parma polylepis*
Paulin & Stewart 1985: 44
Schiel et al. 1986: 529
Francis M et al. 1987: 10
Francis M 1988a: 143–145, figs 1, 2
Paulin et al. 1989: 198, 262, fig. 131.6a
Horn M 1989: *, Table 1
Francis M & Evans 1993: 132
Francis M 1996a: 52

3154 *Parma* sp.
GREYISH-WHITE ANGELFISH
Marsh 1986: 147, 153

3155 *Stegastes fasciolatus*
Paulin & Stewart 1985: 44
Schiel et al. 1986: 529–531
Allen 1987: 272
Francis M et al. 1987: 4
Horn M 1989: *, Table 1
Paulin et al. 1989: 199, 262
Cole et al. 1992: 210
Francis M 1996a: 52

3156 *Stegastes gascoynei*
ORANGE DAMSELFISH
Ayling & Cox 1982: 236
Allen & Emery 1985: 10, 17, 19, fig. 4c, pl. 2(D, E)
Kingsford 1985: 436–437
Paulin & Stewart 1985: 44
Paulin et al. 1989: 199, 262
Francis M 1996a: 52

3157 BLACK ANGELFISH
Doak 1974n: 1497
Doak 1975a: 1742
Creese et al. 1988: 57–58, fig. 17

3158 YELLOW DEMOISELLE
Paul & Heath 1985: 47

Family Zoarcidae Eelpouts

Species recognised in 2015:
Lycenchelys maoriorum Andriashev & Fedorov, 1986 Māori eelpout
Lycenchelys novaezelandiae Anderson & Moller, 2007 Mimic eelpout
Melanostigma gelatinosum Günther, 1881 Limp eelpout
Melanostigma inexpectatum Parin, 1976 Unexpected eelpout
Melanostigma vitiazi Parin, 1979 Vitiaz eelpout
Ophthalmolycus campbellensis Andriashev & Fedorov, 1986 Campbell eelpout
Pachycara garricki Anderson, 1990 Garrick's eelpout
Pyrolycus moelleri Anderson, 2006 Brothers ventfish

3159 *Lycenchelys maoriensis*
MAORI EELPOUT
Andriashev & Fedorov 1986: 136–139, figs 1–2
Paulin et al. 1989: 211, 263, fig. 143.4b
Roberts C 1991: 18

3160 *Lycenchelys maoriorum*
Anderson ME 1990b: 12–15, fig. 4

3161 *Lycenchelys* sp.
EELPOUT
Robertson et al. 1984: 24
Paulin & Stewart 1985: 48
Paulin et al. 1989: 263

3162 *Lycodis*
Gunther 1880b: 281
Hector 1881: 195

3163 *Melanostigma flaccidum*
LIMP EEL POUT, RAGFISH
Waite 1914: 127, 129, pl. 6
Phillipps 1927b: 52
Phillipps 1927c: 14
Whitley 1956b: 412
Whitley 1968a: 81
Ayling & Cox 1982: 156
Paulin & Stewart 1985: 48

3164 *Melanostigma flacidum*
Andriashev & Fedorov 1986: 136

3165 *Melanostigma gelatinosum*
LIMP EEL POUT
Francis M 1979: 66
Ayling & Cox 1982: 156, fig.
Robertson et al. 1984: 24
Clark & King 1989: 53
Paulin et al. 1989: 211, 263, fig. 143.3, pl., p. [194b]
Anderson ME 1990a: 270–271, fig 17
Roberts C 1991: 18

3166 *Melanostigma vitiazi*
Paulin et al. 1989: 211, 263
Anderson ME 1990a: 271, fig. 18

3167 *Ophthalmolycus (Lacrimolycus) campbellensis*
N.Z. EELPOUT
Andriashev & Fedorov 1986: 1140–1143, fig. 4

3168 *Ophthalmolycus campbellensis*
Paulin et al. 1989: 211, 263, fig. 143.4a
Anderson ME 1990b: 5–9, fig. 2

3169 *Pachycara garricki*
Anderson ME 1990b: 9–12, fig. 3

Family Bovichthyidae Thornfishes

Species recognised in 2015:
Bovichtus oculus Hardy, 1989 Bigeye thornfish
Bovichtus psychrolutes Günther, 1860 Little thornfish
Bovichtus variegatus Richardson, 1846 Thornfish

3170 *Aurion effulgens*
Hardy 1988: 1639, 1643, 1646

3171 *Bovichiths roseo-pictus*
Hutton 1904a: 148–149

3172 *Bovichiths (Bovichthys) roseo-pictus*
Waite 1907: 35

3173 *Bovicthus variegatus*
Benham 1935: 22

3174 *Bovichthys decipiens*
Hureau & Tomo 1977: 68

3175 *Bovichthys psychrolutes*
Paulin & Stewart 1985: 48

3176 *Bovichthys roseopictus*
Russell 1996: 219, 228

3177 *Bovichthys variegatus*
DRAGONET, HORNY, THORNFISH
Hutton 1872: 24–25
Hutton 1873b: 262
Webb 1873: 480
Hutton 1875a: 133
Gunther 1880b: 465, fig. 207
Sherrin 1886: 301
Hutton 1890: 279
Gill 1893: 118
Hutton 1904c: 43
Waite 1916a: 49
McCulloch 1929: 336
Benham 1936: 26
Graham D 1938: 414
Ekman 1953: 203
Webb 1972g: 575
Webb 1973f: 308
Beurois 1975: 55
Parrott 1975: 2014–2015, fig.
Andriashev 1977: 357
Francis M 1979: 68
Robertson & Mito 1979: 420, fig. 7
Ayling & Cox 1982: 274, fig.
Edgar et al. 1982: 116, pl. 101
Last et al. 1983: 426, fig.
Paulin & Stewart 1985: 48
Paul & Heath 1985: 49, pl. 17
Paul 1986: 117, fig.
Kingsford et al. 1989: 179, 181–183, 185
Paul et al. 1993: 103, fig.
Paul 2000: 117, fig.

3178 *Bovichthys*
Hutton 1873a: 241
Webb J 1873: 480
Hutton 1874b: 86

3179 *Bovichtus decipiens*
Hardy 1988: 1639

3180 *Bovichtus oculus*
Hardy 1988: 1646–1647, figs 4–6
Paulin et al. 1989: 212, 263
Hardy 1990: 11

Family Nototheniidae Ice cods

Species recognised in 2015:
Dissostichus eleginoides Smitt, 1898 Patagonian toothfish
Notothenia angustata Hutton, 1875 Māori chief
Notothenia microlepidota Hutton, 1875 Smallscale cod
Paranotothenia magellanica (Forster, 1801) Black cod

3185 *Dissostichus eleginoides*
PATAGONIAN TOOTHFISH
Amaoka et al. 1990: 301, fig.

3181 *Bovichtus psychrolutes*
Hardy 1988: 1639, 1643–1646, figs, 2–4, 6
Paulin et al. 1989: 212, 263, fig. 144.2
Francis M 1996a: 42, 45, 53

3182 *Bovichtus variegatus*
HORNY, THORNFISH
Chilton 1909: 596
Thomson & Anderton 1921: 94
Phillipps 1927b: 44
Parrott 1948:
Moreland 1957: 34
Parrott 1960: 145–146, fig. 53
Doogue & Moreland 1961: 266, fig.
Graham J 1963: 168
Hewitt 1964: 123
Natusch 1967: 224
Ayling & Cox 1982: 274
Gunson 1983: 175–176, fig.
Scott E 1984: 202–203, 206
Eldon & Kelly 1985: 23
Hardy 1986c: 28
Francis M 1988c: 46, pls. 110, 111
Hardy 1988: 1639, 1641–1645, figs 1–3
Paulin et al. 1989: 212, 263, fig. 144.1
Roberts C 1991: 4, 5, 18, fig. 3C
Paulin & Roberts 1992: 19, 145–146, figs 79a, b, pl. 29C
Paulin & Roberts 1993: 198
Francis M 1996a: 42, 44, 53
Francis M 1996b: 53, pls 114, 115
Willis & Roberts 1996: 333
Paul & Heath 1997a: 68, fig.
Paulin & Roberts 1998: 171

3183 *Bovichtus variegatus roseopictus*
HORNY, THORNFISH
Graham D 1956: 299–301, one fig.
Whitley 1956c: 409
Whitley 1968a: 71

3184 THORN FISH
Graham D 1939a: 423, 430, 433–434

3186 *Gadus magellanicus*
DeWitt 1970: 303, 310

3187 *Lota magellanica*
DeWitt 1970: 303

3188 *Lotothenia filholi*
BLACK COD
Ryff & Voller 1976: 50

3189 *Notothenia angustata*
BLACK COD, MAORI CHIEF
Hutton 1875a: 133
Hutton 1875b: 315–316
Hutton 1876: 213
Hutton 1879b: 339–340
Sherrin 1886: 301
Hutton 1890: 279
Gill 1893: 118
Hutton 1904c: 43
Waite 1907: 30
Thomson & Anderton 1921: 94
Johnston 1931: 91
Johnston & Mawson 1943: 237–239
DeWitt 1970: 300, 303, 307, 310, 318–325, 331–333
Parrott 1975: 2014–2015, fig.
Fenwick 1978: 223–224
Francis M 1979: 68
De Vries 1981: 149
Ayling & Cox 1982: 15, 275, fig.
van Heezik 1989: 152
Amaoka et al. 1990: 302
OECD 1990: 22
Leach & Boocock 1993: *
Francis M 1996a: 42, 45, 53
Francis M 1996b: 53, pl. 116
Russell 1996: 219, 220, 228–229
Paulin 1998: 39, fig.

3190 *Notothenia arguta*
Hutton 1879b: 339
Hutton 1890: 280
Gill 1893: 118
Hutton 1904c: 42
Waite 1907: 30
Johnston & Mawson 1943: 239
Russell 1996: 215, 219, 229

3191 *Notothenia colbecki*
BLACK COD, ROCK COD
Waite 1907: 30
Chilton 1909: 594–595
Phillipps 1927b: 44
Phillipps 1927c: 13
Johnston 1931: 91
Johnston & Mawson 1943: 237–239, 242
Johnston et al. 1953: 65
Whitley 1956b: 409
Parrott 1958a: 110
Hurley 1961: 268
Whitley 1968a: 70
Hewitt & Hine 1972: 90
Avdeev 1981: 282
Grabda & Ślósarczyk 1981: 93

3192 *Notothenia coriiceps*
FLAT-HEAD, MAORI CHIEF
Hutton 1872: 26
Hector 1875a: 239
Sherrin 1886: 301
Hutton 1890: 279
Thomson G 1892: 210
Chilton 1909: 594
Waite 1912c: 321
Waite 1916a: 47
Thomson & Anderton 1921: 94

3193 *Notothenia cornucola*
MAORI CHIEF
Gunther 1860: Vol. 2, 261–262
Hutton 1872: 26–27
Hutton 1873a: 241
Hutton 1873b: 262–263
Hutton 1874b: 86
Hutton 1875a: 133
Sherrin 1886: 302
Hutton 1890: 280
Gill 1893: 118
Hutton 1904c: 43
Thomson G 1906: 550
Waite 1907: 30
Phillipps 1927b: 44
Phillipps 1927c: 13
Young 1929: 147
Norman 1937: 86, fig. 41
Whitley 1956b: 409
Parrott 1958a: 110
Whitley 1968a: 70
DeWitt 1970: 300

3194 *Notothenia filholi*
BLACK COD
Chilton 1909: 594
Phillipps 1927b: 44
Phillipps 1927c: 13
Johnston & Mawson 1943: 242
Whitley 1956b: 409
Parrott 1958a: 110
Moreland 1965: 125, 1 fig.
Whitley 1968a: 70
Ritchie 1973: 73

3195 *Notothenia larseni*
Abe & Arai 1968: 144

3196 *Notothenia macrocephala*
MAORI CHIEF
Chilton 1909: 594
Waite 1912c: 321
Regan 1916a: 149
Waite 1916a: 50, 69
Phillipps 1921a: 123, 125
Thomson & Anderton 1921: 94, 104
Thomson & Thomson 1923: 111
Phillipps 1927b: 44
Phillipps 1927c: 13

Johnston 1931: 91
Norman 1937: 89–90, 144, fig. 43
Benham 1938: 56
Graham D 1938: 414
Graham D 1939b: 367
Johnston & Mawson 1943: 237–239, 242
Manter 1954: 484, 488, 490–492, 547, 549–551, 559–560, 564
Parrott 1958a: 110
Natusch 1967: 224, fig. 69
Hewitt & Hine 1972: 91
Leonteva et al. 1974: 116–121
Avdeev 1978: 281
Grabda & Ślósarczyk 1981: 93

3197 *Notothenia macrocephalus*
MAORI CHIEF
Parrott 1957: 145–149, one fig.

3198 *Notothenia magellanica*
BLACK COD, MAORI CHIEF
DeWitt 1970: 300, 303–312, 322–325
Parrott 1975: 2014–2015
Francis M 1979: 68
McDowall 1979a: 210–211
Kerstan & Sahrhage 1980: 144
Ayling & Cox 1982: 15, 276, fig.
Paul & Heath 1985: 49

3199 *Notothenia maoriensis*
MAORI CHIEF
Haast 1873: 276, pl. 16
Hutton 1875a: 133
Hutton 1876: 212–213
Thomson G 1879: 381
Hutton 1890: 279
Gill 1893: 118
Hutton 1904c: 43
Thomson G 1906: 550
Waite 1907: 29
Thomson & Anderton 1921: 24, 104
Graham D 1956: 143, 271, 293–298, one fig.
Whitley 1956b: 409
Graham J 1963: 168
Whitley 1968a: 70
DeWitt 1970: 311, 325

3200 *Notothenia microlepidota*
BLACK COD, SMALLSCALED COD, SOUTHERN ROCK COD
Hutton 1875a: 133
Hutton 1875b: 316
Hutton 1876: 213
Hutton 1879b: 339–340
Sherrin 1886: 302
Hutton 1890: 280
Gill 1893: 118
Hutton 1904c: 43
Thomson G 1906: 550
Waite 1907: 30
Chilton 1909: 590–595, fig. 24
Benham 1909b: 372
Thomson & Anderton 1921: 94
Phillipps 1927b: 44
Phillipps 1927c: 13
Thomson G 1932: 23
Norman 1937: 90–91, 144
Graham D 1938: 414
Johnston & Mawson 1943: 237–239, 242
Graham D 1956: 297–298, one fig.
Whitley 1956b: 409
Moreland 1957: 34
Parrott 1957: 145–146, 148–150, one fig.
Parrott 1958a: 110–111
Doogue & Moreland 1961: 265, one fig.
Graham J 1963: 168
Natusch 1967: 224
Whitley 1968a: 70
DeWitt 1970: 300, 302, 310, 323–323
Hewitt & Hine 1972: 91
Ritchie 1973: 70, 72, 73, pl. 14
Robertson 1975c: 7–8
Avdeev 1978: 281
JFA 1978: *
Fenwick 1978: 223–224
Shuntov 1979: 71, *
Kerstan & Sahrhage 1980: 144, fig. 148
Grabda & Ślósarczyk 1981: 88, 93, 101
Poore 1981: 341
Ayling & Cox 1982: 275, 276, fig.
van den Broek et al. 1984: *
Clark 1985a: 359–362, figs 15, 16
Clark 1985b: 365–374, figs 1–5
Amaoka et al. 1990: 302, fig.
Paul et al. 1993: 103, fig.
Francis M 1996a: 42, 45, 53
Francis M 1996b: 53–54, pl. 117
Russell 1996: 229
Leach & Davidson 2000b: fig. 1

3201 *Notothenia parva*
Sherrin 1886: 302
Hutton 1879b: 339
Hutton 1890: 280
Gill 1893: 118
Hutton 1904c: 43
Waite 1907: 30
Johnston & Mawson 1943: 239
Hardy 1990: 11
Russell 1996: 215, 218, 219, 229–230

3202 *Notothenia purpuriceps*
PURPLE HEAD
Thomson G 1931: 29
Thomson G 1932: 23
Graham D 1938: 414
Graham D 1939a: 433
Graham D 1956: 298–299, one fig.
Whitley 1956b: 409
Whitley 1968a: 70

3203 *Notothenia rossii rossii*
Amaoka et al. 1990: 302

3204 *Notothenia*
Gunther 1860: Vol. 2, 260
Gunther 1880b: 286, 466–467
Ekman 1953: 206
Natusch 1967: 224, fig. 69

3205 *Notothenia* sp.
SUBANTARCTIC COD
Hurst 1984a: 178
Clark 1985a: 360
Anderson A 1997: 4, 5, 7, 8, 11, 16
Smith I 1999: 59, 60
Weisler et al. 1999: 43

3206 *Paranotothenia angustata*
BLACK COD, MAORI CHIEF
Paulin & Stewart 1985: 48
Paul & Heath 1985: 49, pl. 17
Hardy 1986c: 28
Paul 1986: 117, fig.
Francis M 1988c: 47, pls. 112, 113
Kingsford et al. 1989: 179–183
Paulin et al. 1989: 212, 263
Roberts C 1991: 4, 5, 18, fig. 3D
Paulin & Roberts 1992: 19, 112–113, figs 57a, b, pl. 24C, D
Paul et al. 1993: 101, fig.
Paulin & Roberts 1993: 198
Leach 1997: * figs
Paul & Heath 1997b: 73, fig.
Paul 2000: 117, fig.

3207 *Paranotothenia colbecki*
Hine et al. 2000: 22

3208 *Paranotothenia macrocephala*
Hine et al. 2000: 23

3209 *Paranotothenia magellanica*
BLACK COD, MAGELLANIC ROCK COD, ORANGE THROAT NOTOTHEN
Paulin & Stewart 1985: 48
Paul 1986: 117
Francis M 1988c: 47
Kingsford et al. 1989: 183
Paulin et al. 1989: 212, 263
Amaoka et al. 1990: 302
Balushkin 1990: 139–142, fig. 5
DeWitt et al. 1990: 310–312, figs 35, 36
Paulin & Roberts 1992: 112
Francis M 1996a: 42, 45, 53
Francis M 1996b: 54
Paul & Heath 1997b: 73
Paul 2000: 117

3210 *Paranotothenia microlepidota*
SMALLSCALED COD, SMALL-SCALED NOTOTHENID
Paulin & Stewart 1985: 48
Paul & Heath 1985: 49, pl. 17
Hardy 1986c: 27, 28
Paul 1986: 117, fig.
Francis M 1988c: 47, pl. 114
Hatanaka et al. 1989A: 52
Kingsford et al. 1989: 179–185
Paulin et al. 1989: 212, 263
Paulin & Roberts 1992: 112
Gauldie 1993c: 1*
Paul et al. 1993: 103, fig.
Paul & Heath 1997b: 74, fig.
Jackson G et al. 1998: 56
Hine et al. 2000: 38, 48
Paul 2000: 117, fig.

3211 *Paranotothenia*
Paulin 1987a: 14, fig.

3212 *Paranotothenia* sp.
Paulin et al. 1996: 5, fig.
McClatchie et al. 1997: 667
Jacob et al. 1998: 2126, 2136

3213 BLACK COD
Graham D 1939a: 423, 428, 430, 436
Pankhurst & Pankhurst 1989: 33

3214 MAORI CHIEF
Thomson G 1878: 330
Thomson G 1892: 204
Graham D 1939a: 424, 428–429
Leach [et al. 1999A]: *

Family Chiasmodontidae Swallowers

Species recognised in 2015:
Chiasmodon microcephalus Norman, 1929 Southern swallower
Chiasmodon pluriradiatus Parr, 1933 Prickled swallower
Dysalotus oligoscolus Johnson & Cohen, 1974 Spinytail swallower
Kali colubrina Melo, 2008 Fragile cagemouth
Kali indica Lloyd, 1909 Longtooth cagemouth
Kali macrodon (Norman, 1929) Bigtooth cagemouth
Kali macrura (Parr, 1933) Grey swallower
Pseudoscopelus australis Prokofiev & Kukuev, 2006 Southern linebelly swallower
Pseudoscopelus paxtoni Melo, 2010 Paxton's linebelly swallower
Pseudoscopelus sagamianus Tanaka, 1908 Japanese linebelly swallower

3215 *Chiasmodon niger*
BLACK SWALLOWER
Paulin & Stewart 1985: 48
Hine et al. 1987: 43
Paulin et al. 1989: 213, 263, fig. 146.4a, pl., p. [194b]
Tracey et al. 1990: 34

3216 *Chiasmodon* sp.
Rosecchi et al. 1988: 300
Clark & King 1989: 53

3217 *Dysalotus oligoscolus*
Paulin et al. 1989: 213, 263, fig. 146.3a

3218 *Kali indica*
Paulin et al. 1989: 213, 263, fig. 146.3b

3219 *Kali parri*
Paulin et al. 1989: 263

3220 *Pseudoscopelus* sp.
Paulin & Stewart 1985: 48
Paulin et al. 1989: 213, 263, fig. 146.4b

Family Champsodontidae Gapers

Species recognised in 2015:
Champsodon sp. A. New Zealand gaper

No pre-2000 references found.

Family Pinguipedidae Sandperches

Species recognised in 2015:
Parapercis binivirgata (Waite, 1904) Redbanded grubfish
Parapercis colias (Forster & Schneider, 1801) Blue cod
Parapercis gilliesi (Hutton, 1879) Yellow cod

3221 *Enchelyopus colias*
NEW ZEALAND BLUE COD
Bloch & Schneider 1801: 54–55
Forster 1801: MS 2.36
Cuvier 1829: Vol. 3, 273
Whitley & Phillipps 1939: 235

3222 *Gadus colias*
BLUE COD
Forster G [1772–1775]: 181
Forster J.R. 1801: MS 2. 36
Cuvier 1829: Vol. 3, 273
Forster J.R. 1844: 122–124
Gill 1893: 96

3223 *Labrus macrocephalus*
BLUE COD
Parkinson : 2.t. 57
Solander : MS 21
Beaglehole 1962: 453, Vol. 1

3224 *Neopercis gilliesii*
GRUBFISH
Whitley 1956b: 409
Whitley 1968a: 69

3225 *Neopercis*
Whitley & Phillipps 1939: 235

3226 *Parapercichthys colias*
BLUE COD, NEW ZEALAND BLUE COD
Whitley & Phillipps 1939: 235
Whitley 1940: 255
Phillipps 1949c: 49–51, one fig.
Whitley 1955: 119
Graham D 1956: 41, 67, 87, 107, 147, 153, 216, 222, 230, 257–258, 267, 271, 288–293, 314, 317, 326, 339, 352, one fig.
Whitley 1956b: 409
Parrott 1957: 27, 125, 139–142, one fig.
Parrott 1960: 164
Whitley 1968a: 68
Russell 1969: 111
Dix 1970: 112
Kashkina 1986: 58

3227 *Parapercis binivirgata*
GRUBFISH, REDBANDED WEEVER
Moreland 1975: 288–289, fig. 7
Thompson 1981: 216
Ayling & Cox 1982: 269, fig.
Kelly 1983: 47, 124
Paulin & Stewart 1985: 50
Paul & Heath 1985: 55
Paul 1986: 115
Paulin et al. 1989: 218, 263, fig. 151.3
Doak 1991: 47
Francis M 1996a: 53
Paul & Heath 1997b: 76
Paul 2000: 115, fig.

3228 *Parapercis colias*
BLUE COD, BLUE WEEVER, COAL FISH, COLE FISH, N.Z. COD, ROCK COD
Richardson & Gray 1843: 207
Gill 1893: 94–95, 99, 118
Hutton 1904: 43
Thomson G 1906: 544–545, 550, pl. 56

Waite 1907: 29
Waite 1909a: 53, 56
Anderton 1910: 11–12, pl.
Stead 1911: 6
Waite 1911b: 244
Thomson G 1913: 229
Phillipps 1918: 270
Phillipps 1921a: 123, 125
Thomson & Anderton 1921: 24, 27, 92–94, 101, 104, 107, two figs
Phillipps & Hodgkinson 1922: 96
Thomson G 1923: 15
Thomson & Thomson 1923: 111
Young 1923: 50–53
Ayson 1924: 7
Frost 1924: 613
Young 1925b: 370
Phillipps 1926d: 485
Archey 1927: 200
Phillipps 1927a: 133–134, pl. 7
Phillipps 1927b: 43
Phillipps 1927c: 13
Sladden & Falla 1928: 290
Young 1929: 147–148, 165, pl. 17
Benham 1935: 22
Norman 1935: 3
Hefford 1936: 72, 74–75
Wilson 1937: 31
Graham D 1938: 413
Graham D 1939b: 367
Benham 1944: 19
Phillipps 1947: 47, 49
Phillipps 1948: 130
Cunningham 1951: 75
Laird 1951: 305, 307
Powell 1951: 69, fig. 325
Manter 1954: 494, 496–498, 512–514, 527–529, 542, 551–552, 559–560
Cassie 1955: 70–71, 79
Kaberry 1957: 90, 92
Moreland 1957: 34
Doogue & Moreland 1961: 213, 228–229, 264–265, 287, one fig.
Robinson 1961: 258, 263
Beaglehole 1962: 453, Vol. 1, 7, Vol. 2
Graham J 1963: 168
Moreland 1963: 40, one fig.
Rosenberg 1963: 6
Cantwell 1964: 255, fig. 6
Castle 1964a: 26
Street 1964: 14, 16, 18
Anon. 1965: 15, fig. 13
Dillon & Hargis 1965b: 263
Moreland 1965: 125–126, one fig.
Cantwell 1966: 191
Cunningham 1966: (1) 680–683, 687
Howell 1966b: 33
McLintock 1966: (3) 708
Powell 1966: (1) 372, one fig.
Beaglehole 1967: 807
Heath & Moreland 1967: 28, fig. 43
Natusch 1967: 222, fig. 69
Hewitt 1968c: 12
Schultz 1968: 4
Sorensen 1968: 141, 145, 148, 150
Tong & Elder 1968: 65–66
Iwai et al. 1970: 16
Sorenson 1970: 5, 15–16, 53, fig. 7
York 1970: 10
Japan DSTA 1971: 65, *
Russell 1971b: 87
Grace R 1972a: 92
Hewitt & Hine 1972: 91
Japan FSFRL 1972: 89, fig.
Solly & Harrison 1972: 458, 460
Watkinson & Smith 1972: 24, 29–30, 74, 75, fig.
Webb 1972b: 11, 16
Grace R 1973: 16
Stead 1973: 8–12, pl. 4
Waugh 1973: 267, 275
Grace A 1974: 23
Habib 1974: 1408, fig.
Leont'eva et al. 1974: 118
Vooren 1974: 13, 43
Grace R 1975: 99
JAMARC 1975: 15, *
McDowall & Whittaker 1975: 297
Ritchie et al. 1975: 2, *
Robertson 1975c: 13–14, fig. 9
Russell 1975: 303, 305, 306
Crawley & Wilson 1976: 12–13
Crossland 1976a: 511
Gordon & Ballantyne 1976: 34
Waugh 1976a: 6, 30
Ayling 1978: 66, 71, 79–92
Fenaughty & O'Sullivan 1978: 10, 146
Korea FRDA 1978: 67, *
Francis M 1979: 68
Leach 1979: 115–116, 121, fig. 5
Nicholson 1979: 136
Shuntov 1979: 71, *
Willan et al. 1979: 453
Kerstan & Sahrhage 1980: 145–146, fig. 149
Robertson 1980a: 44–45, 62, 63
Shuntov et al. 1980: 35–36, 39, 41, fig. 5
Grabda & Ślósarczyk 1981: 89
Grange et al. 1981: 227
Housley et al. 1981: 38
Robertson 1981: fig. 2
Thompson 1981: 7, 8, 11, 20, 216, 217–218 (figs), 289, 293–301, 312, 313, 316, fig. 11
Wheeler 1981: 794
Andrew & Choat 1982: 81
Ayling & Cox 1982: 15, 16, 87, 267–268, pl. 45
Crossland 1982a: 4, 6, 7, 9
Bradstock & Gordon 1983: 161
Kelly 1983: 124
Mace & Johnston 1983: 207–211
Paul et al. 1983: 14
Russell 1983: 132–133, 140, 141

JAMARC 1984: 7, 16, 21, 80–111, fig. 14
van den Broek et al. 1984: *
Bradstock 1985: pl.
Paulin & Stewart 1985: 50
Pilgrim 1985: 34, 37
Vlieg 1985b: 181–185
Andrews 1986: 13–14, 16, 22, 26, 30, 85
Dickson 1986: 30
Hardy 1986c: 29
Paul 1986: 114–115, figs
Roberts et al. 1986: 358
Choat & Ayling 1987: 259, 261, 274, 278
Hardy et al. 1987: 246
Hine et al. 1987: 43
Hurst & Bagley 1987: 6, 34, 43
Pankhurst & Conroy 1987a: 15–26, figs 1–7
Paulin 1987a: 14, fig.
Andrew 1988: 417
Fenaughty C et al. 1988: 10, 21, 26, 31, 36
Francis M 1988c: 48, pls. 117–119
Jones J 1988a: 400, 413
Jones G 1988: 447–449, 453, 455–456
Vlieg 1988: 15, 19, 24, 39, 48
Vlieg & Body 1988: 151–161
Fenaughty & Uozumi 1989: 5, 36–37
Kingsford et al. 1989: 184
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
van Heezik 1989: 155
Paulin et al. 1989: 218, 263, fig. 151.4, pl., p. [194b]
Amaoka et al. 1990: 295, fig.
Cole et al. 1990: 197–210, figs 2, 5–7
Hurst et al. 1990: 14–15, 17, 28, 37, 49–50, fig. 22
McDowall 1990: 286
OECD 1990: 26, 56, 231, 303
Murray 1990a: 739, 745
van Heezik 1990a: 204
van Heezik 1990b: 544, 545, 547, 548
van Heezik & Davis 1990: 357, 363
Pankhurst N et al. 1991: 129–137, figs 1–3
Roberts C 1991: 19
Paul 1992: 896
Paulin & Roberts 1992: 153–154, figs 84a, b, pl. 30A
Jones et al. 1993: 36
Leach & Boocock 1993: *
Paul et al. 1993: 89, fig.
Paulin & Roberts 1993: 198
Cole 1994: 93–99
Hooper 1994: 206
Hickford & Schiel 1995: 219, 221–223, 229, figs 3, 5, 7, 10
Moore et al. 1995: 19, 20, 22, 25, 31, figs 12–17
Willis 1995: 61, 68
Francis M 1996a: 45, 53
Francis M 1996b: 55, pls 120–122
Hickford & Schiel 1996: 671
Paulin et al. 1996: 5, fig.
Anderson A 1997: 4–8, 11, 13, 16, 18, 20, 22, figs 2,3
Blackwell 1997c: 1–52, figs
Hickford et al. 1997: 251, 252, 255, fig. 3
Leach 1997: * figs
Leach et al. 1997a: 481–496, figs
Leach [et al. 1997A]: 60–62
McClatchie et al. 1997: 667
Moore & Wakelin 1997: 19, 21–23, 25–28
Paul & Heath 1997a: 72, fig.
Blackwell 1998: 1–47, figs
Bradford et al. 1998: *
Cole & Keuskamp 1998: 218, 220, 221, fig. 8
Enderby & Enderby 1998: 15, pl.
Horwood et al. 1998: 22, *
Jacob et al. 1998: 2126, 2135, 2137, 2138
Paulin 1998: 11, fig.
Paulin & Roberts 1998: 171, 172
Ryan & Paulin 1998: 127, 128–129 (pls), 132
Sewell 1988: 10
Taylor & Willis 1998: 257, 258, figs 1, 2
Babcock et al. 1999: 130
Bradford 1999b: 13, 14, figs 2, 3
Carbines 1999: 992–998, figs 1–3
Moore 1999: 56, 57
Smith I 1999: 59, 60
Weisler et al. 1999: 43
Cole et al. 2000: 421–436
Hine et al. 2000: 38
Leach & Davidson 2000b: fig. 1
Leach et al. 2000: 119–138, figs 1–5
Paul 2000: 114–115, 207–208, figs
Willis et al. 2000: 249–260, figs 4, 6

3229 *Parapercis gilliesi*
YELLOW COD, YELLOW WEEVER
Schultz 1968: 4
McCosker 1971: 684
Thompson 1981: 216
Ayling & Cox 1982: 268, fig.
Paul et al. 1983: 14
van den Broek et al. 1984: *
Paulin & Stewart 1985: 50
Paul & Heath 1985: 55, pl. 20
Hardy 1986c: 29
Paul 1986: 115, fig.
Paulin 1987a: 14, fig.
Fenaughty & Uozumi 1989: 36, 37
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 218, 263
Amaoka et al. 1990: 296, fig.
Hurst et al. 1990: 49
Roberts C 1991: 19
Paul et al. 1993: 105, fig.
Paulin et al. 1996: 5, fig.
McClatchie et al. 1997: 667
Paul & Heath 1997b: 76, fig.
Jacob et al. 1998: 2126, 2135, 2137
Ryan & Paulin 1998: 128
Paul 2000: 115, fig.

3230 *Parapercis gilliesii*
Gill 1893: 118
Hutton 1896: 315
Hutton 1904c: 43
Waite 1907: 29
Waite 1911b: 224–225, pl. 53
Thomson G 1913: 229
Regan 1914c: 18
Thomson & Anderton 1921: 94
Phillipps 1927b: 43
Phillipps 1927c: 13
Norman 1937: 63
Moreland 1957: 34
Parrott 1957: 141–142
Graham J 1963: 168
Cantwell 1964: 257, fig. 6
Cantwell 1966: 191
Natusch 1967: 222
Habib 1974: 1408
Robertson 1975c: 14
Francis M 1979: 68

3231 *Parapercis*
Cantwell 1966: 191

3232 *Parapercis* sp.
JFA 1977: 127

3233 *Perapercis colias*
BLUE COD
Crawley & Wilson 1976: 12–13

3234 *Percis colias*
BLUE-COD, COAL FISH, COALY PERCIS, COLE FISH, ROCK-COD
Cuvier 1829: Vol. 3, 273–274
Richardson & Gray 1843: 207, 222
Richardson J 1843a: 16
Gunther 1860: Vol. 2, 242
Hector 1872: 113, pl. 6
Hutton 1872: 25
Hector 1875a: 239–240
Hutton 1875a: 133
Thomson G 1877: 485
Thomson G 1878: 326
Thomson G 1879: 382
Gunther 1880a: 26, 78
Hector 1884b: 53–54
Reischek 1884: 198
Reischek 1885: 193, 198
Hector 1886a: 26, 28
Sherrin 1886: 15, 16, 17, 301
Sandager 1888: 129
Hutton 1890: 279
Thomson G 1890: 367, 375
Thomson G 1892: 209–210
Gill 1893: 96
Ogilby 1893: 64
Murray 1895: 599
Hamilton A 1896: 13
Mair 1903: 319
Johnson 1920: 22–26
Johnson 1921: 473–475

3235 *Percis gilliesii*
Hutton 1879a: 53
Hutton 1890: 279
Hutton 1896: 315
Whitley & Phillipps 1939: 235
Russell 1996: 215, 219, 230

3236 *Percis nicthemera*
Cuvier 1829: Vol. 3, 274–276
Lesson 1830: 218–219
Richardson & Gray 1843: 207
Richardson J 1843a: 16–17
Gunther 1860: Vol. 2, 242

3237 *Percis nictymera*
Steindachner 1901: 497
Waite 1907: 35
Phillipps 1927c: 13
Whitley 1955: 114, 119

3238 *Percis*
Gunther 1880: 286

3239 BLUE[-]COD, BLACK COD, ROCK[-]COD
Thomson G 1877: 486, 488
Thomson G 1878: 324–325, 328–329
Thomson G 1879: 383
Sherrin 1886: 107–108
Thomson G 1892: 204
Thomson G 1898a: 577
Drummond & Hutton 1905: 71
Thomson G 1909: 16
Waite 1911c: 265
Beattie 1920: 60
Thomson G 1924: 18, 19
Young 1926a: 100
Young & Thomson 1927: 319
Thomson G 1928: 22, 24
Hefford 1929: 42
Thomson G 1930: 30
Thomson G 1931: 30–31
Thomson G 1932: 24
Young 1935: 31, 35
Hefford 1937: 134
Graham D 1939a: 423–429, 432–436
Benham 1941: 35
Allen & Cassie 1949: 56
Cunningham 1949: 92
Watson 1958: 371–372
Whitley & Allan 1958: 15
Moreland 1961: 61, 74
Sorensen 1965a: 24
Sorensen 1965b: 119
Sorensen 1965c: 128
Moore 1966: 17, 29
Paul 1966c: (1) 677
Skrzynski 1967: 92

Sorensen 1969a: 13, 16, 19–20, 27
Sorensen 1969b: 7, 11, 23, 36, 44, 60, 70–71
Doak 1974n: 1496
Doak 1975a: 1742
Boyce et al. 1986: 4, *
Clark I et al. 1988: 328
Pankhurst & Pankhurst 1989: 33
Cole 1999: 204
Bradford 1999a: *, fig. 18
Leach [et al. 1999A]: *
Leach & Davidson 2000b: 415, 418, 420
Willis & Babcock 2000: 755–763

3240 COALFISH, COD
Forster 1777: Vol. 1, 126
Rochon 1783:
Bale 1791:
Polack 1838: 322–323
Taylor 1855: 411
Hector 1871: 136
Hector 1872: 110, 116
Thomson G 1877: 488
Haast 1878: 250
Thomson G 1878: 328
Sherrin 1886: 3, 4, 51, 121–122, 149, 174
Henry 1896: 53
Thomson G 1898a: 579
Thomson G 1924: 18
Moreland 1959: 28–29
Moreland 1965: 125, 126

3241 'COLEFISH NOSTRATIBUS' (BLUE COD)
Beaglehole 1962: 453, Vol. 1 [Cited from Parkinson, S.]

3242 COLE FISH
Bale 1791:
Polack 1838: 323
Banks in Beaglehole 1962: 7, Vol. 2

3243 PAKIRIKIRI, ROCK-COD
Hector 1872: 101
Thomson G 1877: 486–487
Sherrin 1886: 7, 284, 291, 106–108
Thomson G 1892: 203–205
Thomson G 1898a: 577
Drummond & Hutton 1905: 1 fig.
Graham D 1939a: 423–425, 429, 432, 434
Graham D 1956: 291

Family Cheimarrichthyidae Torrentfish

Species recognised in 2015:
Cheimarrichthys fosteri Haast, 1874 Torrentfish

Freshwater. See McDowall (1964, 1990, 2011).

Family Creediidae Tommyfishes

Species recognised in 2015:
Limnichthys fasciatus Waite, 1904 Saddled tommyfish
Limnichthys polyactis Nelson, 1978 Tommyfish
Limnichthys rendahli Parrott, 1958 Barred tommyfish
Tewara cranwellae Griffin, 1933 Sand diver

3244 *Limnichthys fasciatus*
TOMMYFISH
Waite 1910b: 371, 379–380
Regan 1916a: 134–135, 143, figs 4–5, pl. 49
Waite 1916a: 82
Waite 1916b: 454
Rendahl 1925: 7
Phillipps 1927b: 49
Phillipps 1927c: 14
Whitley 1956b: 410
Moreland 1957: 34
Parrott 1958a: 116–117
Nelson 1978a: 351, 358–360, figs 1, 2
Paulin & Stewart 1985: 49
Hardy et al. 1987: 243
Paulin et al. 1989: 215, 263, fig. 148.2a
Paulin & Roberts 1992: 149
Paulin & Roberts 1998: 168

3245 *Limnichthys polyactis*
LONGFINNED SAND-DIVER
Nelson 1978a: 351, 360, figs 1–2
Nelson 1979a: 273, 276, figs 1–3
Nicholson 1979: 137–138
Ayling & Cox 1982: 271, pl. 41
Paulin & Stewart 1985: 49
Crossland 1982b: 37
Paul 1986: 116, fig.
Paulin et al. 1989: 215, 263, figs 148.3a, 148.4
Hardy 1990: 11
Paulin & Roberts 1992: 148–149, figs 81a, b, pl. 29B
Paulin & Roberts 1993: 198
Paul 2000: 116, fig.

3246 *Limnichthys rendahli*
SAND DIVER, TOMMYFISH
Parrott 1958a: 116–118
Whitley 1968a: 77

Nelson 1978a: 351, 356–358, 360, figs 1, 2
Francis M 1979: 68
Nelson 1979a: 273–276, figs 1–3
Roper 1981b: 516
Ayling & Cox 1982: 270–271
Crossland 1982b: 37, fig. 45
Paulin & Stewart 1985: 49
Hardy et al. 1987: 243, 246
Paulin et al. 1989: 215, 263, fig. 148.3b
Roberts C 1991: 18
Paulin & Roberts 1992: 149
Freeman & Tunnicliffe 1997: 9
Paulin & Roberts 1998: 171

3247 *Limnichthys* spp.
Tricklebank et al. 1992: 268

3248 *Tawera cranwelli*
Kingsford 1988: 470, fig. 4
Kingsford 1992: 45

3249 *Tewara cranwelli*
Griffin 1933a: 174–176, pl. 25

Powell 1941: 259
Whitley 1968a: 76

3250 *Tewara cranwellae*
SAND-DIVER
Whitley 1956b: 410
Nelson 1978a: 351, 353, 360–361, figs 1, 2
Francis M 1979: 68
Roper 1981b: 515–516, fig. 1
Ayling & Cox 1982: 270
Crossland 1982b: 37–38, fig. 47
Paulin & Stewart 1985: 49
Roper 1986: 705–717
Paulin et al. 1989: 215, 263
Paulin & Roberts 1992: 147–148, figs 80a, b, pl. 29A
Tricklebank et al. 1992: 268
Paulin & Roberts 1993: 198
Moore & Wakelin 1997: 20

Family Percophidae Opalfishes

Species recognised in 2015:
Bembrops morelandi Nelson, 1978 Flathead opalfish
Hemerocoetes artus Nelson, 1979 Narrow opalfish
Hemerocoetes macrophthalmus Regan, 1914 Bigeye opalfish
Hemerocoetes monopterygius (Schneider, 1801) Opalfish
Hemerocoetes morelandi Nelson, 1979 Moreland's opalfish
Hemerocoetes pauciradiatus Regan, 1914 Little opalfish
Pteropsaron sp. Kermadec opalfish

3251 *Acanthapritis*? sp.
Paulin & Stewart 1985: 49
Paulin et al. 1989: 217, 263

3252 *Bembrops morelandi*
FLATHEAD
Nelson 1978b: 237–241
Ayling & Cox 1982: 269
Paulin & Stewart 1985: 50
Paulin et al. 1989: 217, 263, fig. 150.2
Hardy 1990: 11

3253 *Branchiopsaron*? sp.
Paulin & Stewart 1985: 50
Paulin et al. 1989: 217, 263

3254 *Callionymus acanthorhynchos*
Forster G [1772–1775]: 175
Forster J.R. 1801: MS 2.30
Valenciennes 1837: Vol. 12, 311
Whitehead 1968: pl. 29

3255 *Callionymus acanthorhynchus*
Richardson & Gray 1843: 213–218
Forster J.R. 1844: 117–118
Gill 1893: 96

3256 *Callionymus monopterygius*
Bloch & Schneider 1801: 41
Valenciennes 1837: Vol. 12, 311

3257 *Emerocoetes waiteii*
Thomson G 1932: 23

3258 *Haemerocaetes acanthorhynchus*
Richardson & Gray 1843: 212–218

3259 *Hemerocaetes acanthorhynchus*
Richardson J 1843a: 23–24

3260 *Hemerocetes macropthalmus*
Paulin & Stewart 1985: 50

3261 *Hemerocoetes acanthorhynchus*
OPAL-FISH, SAND EEL, SANDFISH
Valenciennes 1837: Vol. 12, 311–315
Richardson J 1846: iii, 123–125, pl. 54
Gunther 1861: Vol. 3, 485
Hector 1872: 119
Hutton 1872: 37–38
Hutton 1875a: 133
Gunther 1880a: 26, 79
Gunther 1880b: 491, 222

Sherrin 1886: 85, 302
Gunther 1889: 18
Hutton 1890: 280
Gill 1893: 92, 94–96, 99, 119
Murray 1895: 599
Hamilton A 1896: 12
Hutton 1904c: 46
Waite 1907: 30
Waite 1911b: 235, 245–247, pl. 54
Thomson G 1913: 230
Regan 1914c: 18
Rendahl 1925: 6–7
Phillipps 1927b: 48
Phillipps 1927c: 14
Graham D 1938: 415
Phillipps 1940: 13
McCann 1953: 15
Ralph & Yaldwyn 1956: 82
Moreland 1957: 34
Doogue & Moreland 1961: 282, one fig.
Graham J 1963: 168
Moreland 1963: 48, one fig.
Heath & Moreland 1967: 46, fig. 81
Godfriaux 1970a: 262
Baker 1971: 294
Godfriaux 1974a: 118
Shuntov 1979: 71, *
Ayling & Cox 1982: 270
Mitchell 1984: 273

3262 *Hemerocoetes artus*
OPALFISH
Nelson 1979b: 588–598, fig. 1
Ayling & Cox 1982: 269
van den Broek et al. 1984: *
Clark 1985a: 343, 354, 357, 360
Paulin & Stewart 1985: 50
Paulin et al. 1989: 217, 263, fig. 150.4b
Hardy 1990: 12
Roberts C 1991: 5, 19
Moore & Wakelin 1997: 19
Weisler et al. 1999: 37–43

3263 *Hemerocoetes macrophthalmus*
Regan 1914b: 15
Regan 1914c: 18–19, pl. 12
Rendahl 1925: 7
Phillipps 1927b: 49
Phillipps 1927c: 14
Whitley 1956b: 410
Whitley 1968a: 77
Nelson 1979b: 588–598, fig. 1
Ayling & Cox 1982: 269
Crossland 1982b: 3
Paulin et al. 1989: 217, 263, fig. 150.4a
Roberts C 1991: 19

3264 *Hemerocoetes microps*
Waite 1911b: 157, 247–248, pl. 54
Waite 1912c: 322
Regan 1914c: 18
Freeman & Tunnicliffe 1997: 9

3265 *Hemerocoetes monopterygius*
OPAL FISH
Waite 1912c: 322
Thomson & Anderton 1921: 94
Phillipps 1947: 44
Graham D 1956: 81, 97, 291, 296, 316–317, 339, 345, one fig.
Whitley 1956b: 410
Whitley 1968a: 76
Colman 1972b: 225
Hewitt & Hine 1972: 86
Wei et al. 1976: 57
Francis M 1979: 68
Nelson 1979b: 588, 589–591, 592, fig. 1
Wheeler 1981: 794
Ayling & Cox 1982: 269, 270, fig.
Crossland 1982b: 37
Roberts & Van Berkel 1982: 136
Paul et al. 1983: 14
Paulin & Stewart 1985: 50
Andrews 1986: 26, 30
Paul 1986: 116, fig.
Roper 1986: 705–717
Francis M 1988c: 48, pl. 120
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 217, 263, fig. 150.5
van Heezik & Seddon 1989: 451–458, figs 1–4
van Heezik 1990a: 203–207, figs 1, 2
van Heezik 1990b: 544, 545, 547
van Heezik & Davis 1990: 357, figs 1, 2
Roberts C 1991: 2, 19
Paul 1992: 896
Paulin & Roberts 1992: 125–126, figs 125–126, pl. 26A
Tricklebank et al. 1992: 268
Paul et al. 1993: 67, fig.
Paulin & Roberts 1993: 198
Moore et al. 1995: 19, 20, 22, 23, 25, 29, 30, 31, figs 12–17
Francis M 1996a: 53
Francis M 1996b: 54–55, pl. 123
Moore & Wakelin 1997: 18–21, 23, 25, 26, 28
Paul & Heath 1997a: 71, fig.
Paulin & Roberts 1998: 164, 168
Moore 1999: 56
Hine et al. 2000: 35
Paul 2000: 116, fig.

3266 *Hemerocoetes morelandi*
Nelson 1979b: 589, 591–596, fig. 1
Ayling & Cox 1982: 269
Clark 1985a: 357, 360
Paulin & Stewart 1985: 50
Paulin et al. 1989: 217, 263, fig. 150.6
Hardy 1990: 12

3267 *Hemerocoetes pauciradiatus*
Regan 1914b: 15
Regan 1914c: 18, pl. 12
Phillipps 1927b: 49
Phillipps 1927c: 14
Norman 1935: 3
Whitley 1956b: 410
Whitley 1968a: 77
Nelson 1979b: 589, 593–594, 598, fig. 1
Ayling & Cox 1982: 269
Paulin & Stewart 1985: 50
Paulin et al. 1989: 217, 263
Roberts C 1991: 19
Moore & Wakelin 1997: 19
Weisler et al. 1999: 37–43

3268 *Hemerocoetes waitei*
BLUE BONNET
Regan 1914c: 18
Phillipps 1927b: 48
Phillipps 1927c: 14
Graham D 1938: 415
Graham D 1939a: 433
Phillipps 1948: 130
Graham D 1956: 317–318, one fig.
Ralph & Yaldwyn 1956: 82
Whitley 1956b: 410
Moreland 1957: 34
Whitley 1968a: 76
Shuntov 1970: 373
Hewitt & Hine 1972: 86
Shuntov 1979: 71, *
Hine et al. 2000: 35

3269 *Hemerocoetes*
OPALFISH
Boulenger 1932: 706
Natusch 1967: 226, fig. 70
Clark 1985a: 339, 348, 352
van Heezik 1990b: 545
Lalas & Brown 1998: 131, *

3270 *Hemerocoetes* sp.
OPALFISH
Fenaughty & Uozumi 1989: 36
Hanchet 1991: 315
McClatchie et al. 1997: 666
Jacob et al. 1998: 2126
Paulin 1998: 42, fig.
Ryan & Paulin 1998: 127 (pl), 131

3271 OPAL FISH
Graham D 1939a: 423–424, 426

Family Leptoscopidae Stargazers

Species recognised in 2015:
Crapatalus angusticeps (Hutton, 1873) Slender stargazer
Crapatalus novaezelandiae Günther, 1861 Sand stargazer
Leptoscopus macropygus (Richardson, 1846) Estuary stargazer

3272 *Crapatalus*
Gunther 1880b: 286

3273 *Crapatalus angusticeps*
SLENDER STARGAZER
Hutton 1875a: 133
Scott E 1971: 139
Robertson 1975c: 9
Ayling & Cox 1982: 272
Paulin et al. 1989: 216, 263, fig. 149.2a
Paul & Heath 1997a: 70, fig.
Paul 2000: 119, fig.

3274 *Crapatalus novae-zealandiae*
SAND STARGAZER
Hutton 1876: 212
Hutton 1890: 279
Gill 1893: 118
Hutton 1904c: 42

3275 *Crapatalus novae-zelandiae*
SANDFISH, SAND STARGAZER
Gill 1861: 116
Gunther 1861: 87–88, pl. 10
Phillipps 1927a: 131–132, pl. 6
Scott E 1971: 139
Hewitt & Hine 1972: 83
Ayling & Cox 1982: 273, fig.

3276 *Crapatulus angusticeps*
SLENDER STARGAZER
Whitley 1968a: 68
Paul & Heath 1985: 51
Paulin & Stewart 1985: 49
Paul 1986: 119

3277 *Crapatulus novae[-]zealandiae*
SAND-FISH, SAND STARGAZER
Thomson & Anderton 1921: 92
Graham D 1938: 413
Paulin & Stewart 1985: 49

3278 *Crapatulus novae[-]zelandiae*
SANDFISH, SAND STARGAZER
Waite 1907: 29
Waite 1911b: 239
Thomson G 1913: 229
Phillipps 1927: 42
Phillipps 1927c: 13
Graham D 1939b: 367
Graham D 1956: 285, one fig.
Whitley 1956b: 409

Parrott 1960: 140–144, fig. 52
Whitley 1968a: 68
Gunson 1983: 181
Eldon & Kelly 1985: 23–26, 49
Paul & Heath 1985: 51
Paul 1986: 119, fig.
Paulin et al. 1989: 216, 263, fig. 149.2b
Paul & Heath 1997a: 70
Weisler et al. 1999: 37–43
Hine et al. 2000: 20
Paul 2000: 119, fig.

3279 *Crapatulus novaezelandie*
SAND STARGAZER
Hardy C 1989: 30, 39

3280 *Crapatulus*
Graham D 1939a: 423

3281 *Crapatulus* sp.
Roberts C 1991: 11

3282 *Leptoscopus angusticeps*
Hutton 1873c: 401
Hutton 1874a: 106, pl. 19
Hector 1875a: 248
Gunther 1876: 390, 394
Hutton 1876: 212
Gunther 1877: 469
Arthur 1885: 165–166, pl. 14
Sherrin 1886: 301
Hutton 1890: 279
Webb 1973f: 307, 312–313
Russell 1996: 220, 230, 236

3283 *Leptoscopus canis*
Arthur 1885: 165–166
Hutton 1890: 279

3284 *Leptoscopus huttonii*
Haast 1873: 275–276, pl. 16
Hutton 1875a: 133
Gunther 1876: 394
Gunther 1877: 469
Sherrin 1886: 301
Hutton 1890: 279

3285 *Leptoscopus macropygus huttonii*
STARGAZER
Graham D 1956: 280–281, 284, one fig.
Whitley 1956b: 408
Whitley 1968a: 67
Scott E 1971: 139

3286 *Leptoscopus macropygius*
Hutton 1890: 279
Hutton 1904c: 42

3287 *Leptoscopus macropygus*
ESTUARINE STARGAZER, FLATHEAD GURNARD, MONK, MUD GRUBBER, MUD GURNARD, RIVER GURNARD, STARGAZER, STRIPED STARGAZER
Hutton 1873c: 400
Hutton 1874a: 106, pl. 19
Gunther 1876: 390, 394
Gunther 1877: 469
Gunther 1880b: 364, fig. 206
Sherrin 1886: 301
Gill 1893: 118
Waite 1907: 29
Thomson G 1913: 228
Phillipps 1921a: 123, 125
Thomson & Anderton 1921: 92
Phillipps 1927a: 131–132, pl. 6
Phillipps 1927b: 42
Phillipps 1927c: 13
McCulloch 1929: 334
Graham D 1938: 413
Powell 1951: 73, fig. 343
Laird 1952: 596, 598, 600
Parrott 1957: 143
Parrott 1960: 139–142, fig. 51
Natusch 1967: 222, fig. 69
Hewitt & Hine 1972: 88
McDowall 1976: 27
McDowall 1978b: 140–142, 2 figs
McDowall 1980c: 50, fig.
Ayling & Cox 1982: 273, fig.
Forster & Starling 1982: 137
Gunson 1983: 181
Paul et al. 1983: 14
Blair 1984: 21–22
Eldon & Kelly 1985: 22, 24–26, 49, 52, fig. 20
Jones & Hadfield 1985: 480
Paul & Heath 1985: 51, pl. 18
Paulin & Stewart 1985: 49
Paul 1986: 119, fig.
Last & Edgar 1987: 73–74
Montgomery & Coombs 1988: 91–102, figs
Paulin et al. 1989: 216, 263
McDowall 1990: 283–285, figs 15.1, 15.2
Leach & Boocock 1993: *
Paul et al. 1993: 65, fig.
Montgomery et al. 1995: 403
Anderson A 1997: 6, 11
Leach 1997: * figs
Paul & Heath 1997a: 70, fig.
Paulin & Roberts 1998: 168
Weisler et al. 1999: 43
Hine et al. 2000: 21
Paul 2000: 119, fig.

3288 *Leptoscopus robsonii*
Hector 1875a: 248
Hector 1875b: 492
Gunther 1876: 394
Gunther 1877: 469
Arthur 1885: 165
Sherrin 1886: 301
Hutton 1890: 279

3289 *Leptoscopus tricolor*
Haast 1873: 276

3290 *Leptoscopus*
MONKFISH
Richardson L 1959: 283

3291 STARGAZER
Young 1935: 30
Graham D 1939a: 423, 425, 428–429, 434
Paul 1966c: (1) 678
Uozumi et al. 1987: 11
Clark I et al. 1988: 328
Hatanaka et al. 1989A: 6, 17, 19, fig. 30

Family Uranoscopidae Armourhead stargazers

Species recognised in 2015:
Genyagnus monopterygius (Forster & Schneider, 1801) Spotted stargazer
Kathetostoma binigrasella Gomon & Roberts, 2011 Banded stargazer
Kathetostoma giganteum Haast, 1873 Giant stargazer
Pleuroscopus pseudodorsalis Barnard, 1927 Scaly Stargazer
Xenocephalus armatus Kaup, 1858 Brown stargazer

3292 *Anema macropterygium*
Gunther 1876: 390, 394

3293 *Anema monopterygium*
CATFISH
Gunther 1860: Vol. 2, 230
Haast 1873: 274
Hutton 1874a: 105
Gunther 1877: 469
Hutton 1890: 279
Gill 1893: 96
Hutton 1896: 315
Steindachner 1901: 496
Fowler 1928: 427
Whitley 1955: 114, 119

3294 *Anema*
CATFISH
Haast 1873: 274
Gunther 1880b: 286, 463

3295 *Geniagnus maculatus*
Waite 1907: 30
Waite 1911b: 242–243

3296 *Geniagnus monopopterygius*
SPOTTED STARGAZER
JAMARC 1972: 11, *

3297 *Geniagnus monopterygius*
CATFISH, FLATHEAD, MONK, MONKFISH, SPOTTED STARGAZER, STARGAZER, WHITEFISH
Waite 1912c: 321
Thomson & Anderton 1921: 94
Archey 1927: 200–201
Phillipps 1927b: 43
Phillipps 1927c: 13
McCann 1953: 1, 14–15, fig. 15
Parrott 1957: 143
Doogue & Moreland 1961: 262–263, one fig.
Graham J 1963: 168
Moreland 1963: 48, one fig.
Anon. 1965: 16–17
Howell 1966a: 23
Howell 1966b: 5, 31
McLintock 1966: (3) 709
Heath & Moreland 1967: 20, fig. 26
Natusch 1967: 224, fig. 69
Tong & Elder 1968: 65–66
Sorenson 1970: 37
Kilner & Akroyd 1978: 55–65, fig.
Paul et al. 1983: 14
Paulin & Stewart 1985: 49
McDowall 1990: 284
OECD 1990: 278
Paul & Heath 1997a: 69, fig.

3298 *Genyagnus maculatus*
CAT-FISH, HARD-HEAD
Gill 1893: 94–95, 99, 118
Hutton 1904c: 42
Thomson G 1906: 549

3299 *Genyagnus monopterygius*
CATFISH, SPOTTED STARGAZER
McCulloch 1929: 336
Graham D 1938: 413
Whitley 1955: 119
Graham D 1956: 282–284, 334, one fig.
Whitley 1956b: 409
Parrott 1960: 141–142
Whitley 1968a: 69
Grace R 1971: 130
Hewitt & Hine 1972: 85
Webb 1973f: 307, 313
Scott E 1974b: 185
Robertson 1975c: 9
Russell 1975: 306
Smith & Crossland 1978: 342
Francis M 1979: 68
Crossland 1981a: 35–36, figs 40–43
Thompson 1981: 20, 219–220 (figs), 216, 289, 299, 305, 307, 312, 316, 323
Wheeler 1981: 794
Ayling & Cox 1982: 271, pl. 35
Crossland 1982b: 39
Forster & Starling 1982: 135–140, figs 1–3

Paul 1986: 119, fig.
Hine et al. 1987: 43
Paulin 1987a: 21, fig.
Francis M 1988c: 47–48, pl. 115
Paulin et al. 1989: 214, 263, figs 147.4a, 147.5a
Pietsch 1989: 297
Amaoka et al. 1990: 298
Forster 1990: 116
Paulin & Roberts 1992: 143–144, figs 78a, b, pl. 28F
Harris T 1993: 71
Springer & Bauchot 1994: 83, 85
Francis M 1996a: 53
Francis M 1996b: 54, pl. 118
Paulin et al. 1996: 45, fig.
Hickford et al. 1997: 253, 255, fig. 3
Montgomery & Coombs 1988: 91–102, figs
Paulin 1998: 70, fig.
Paulin & Roberts 1998: 164, 168
Kishimoto 1999: 3525, fig.
Tricklebank et al. 1992: 269
Hine et al. 2000: 35
Paul 2000: 119, fig., 212

3300 *Genyagnus novaezelandiae*
ESTUARINE STARGAZER, SPOTTED STARGAZER
Gunson 1983: 181
Bradstock 1985: pl.
Jones & Hadfield 1985: 480
Andrews 1986: 11, 26, 30, 85, fig.
Brittain & Wells 1989: 303–306, figs 1–5
Kingsford 1992: 45

3301 *Genyagnus*
Gill 1861: 115

3302 *Gnathagnoides*
Kishimoto 1989: 303

3303 *Gnathagnoides innotabilis grandior*
CATFISH
Whitley & Phillipps 1939: 235
Whitley 1956b: 409
Whitley 1968a: 69
Scott E 1980: 125–126

3304 *Gnathagnus innotabilis*
BROWN STARGAZER
Waite 1911a: 51
Waite 1911b: 157, 243–244
Waite 1912c: 322
Phillipps 1927b: 43
Phillipps 1927c: 13
McCulloch 1929: 335
Francis M 1979: 68
Thompson 1981: 216
Ayling & Cox 1982: 272, fig.
Last et al. 1983: 422, fig.
Paulin & Stewart 1985: 49
Paul 1986: 119, fig.
Paulin 1987a: 21, fig.
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 214, 263, figs 147.4b, 147.5b
Pietsch 1989: 295
Amaoka et al. 1990: 298
Springer & Bauchot 1994: 83, 85–86
Paulin et al. 1996: 45, fig.
Paul 2000: 119, fig., 212

3305 *Gnathagnus innotabilis grandior*
Kishimoto 1989: 303–304, 309

3306 *Katheostoma giganteum*
CHINAMAN, FLATHEAD
Benham 1935: 22
Graham D 1938: 413
Graham D 1939b: 367

3307 *Kathesostoma fluviatilis*
Hutton 1904c: 43
Thomson G 1906: 550

3308 *Kathesostoma laevis*
Hutton 1904c: 43

3309 *Kathestoma giganteum*
MONKFISH
Kaberry 1957: 90
Vlieg 1984a: 99–104
van Heezik 1989: 152

3310 *Kathetostoma fluviatile*
Hutton 1896: 315
Phillipps 1927b: 43
Phillipps 1927c: 13
Whitley 1956b: 409
Whitley 1968a: 69

3311 *Kathetostoma fluviatilis*
Hutton 1872: 24
Sherrin 1886: 301
Hutton 1890: 279
Gill 1893: 118
Waite 1907: 30
Thomson & Anderton 1921: 94
Russell 1996: 230

3312 *Kathetostoma giganteum*
FLAT[-]HEAD, GIANT STARGAZER, MONKFISH, STARGAZER
Haast 1873: 274–275, pl. 16
Sherrin 1886: 301
Hutton 1890: 279
Hutton 1896: 315
Waite 1911a: 51
Waite 1911b: 241–243
Waite 1912c: 321
Thomson G 1913: 229, 233
Phillipps 1921a: 123
Thomson & Anderton 1921: 94, 96
Phillipps 1927b: 43
Phillipps 1927c: 13

Young 1929: 147
Benham 1936: 26
Manter 1954: 481–483, 558
Graham D 1956: 199, 209, 216, 283, 286–288, 339, one fig.
Whitley 1956b: 409
Moreland 1957: 34
Parrott 1957: 143–144, one fig.
Mees 1960: 55–56
Parrott 1960: 141–142
Graham J 1963: 168
Howell 1966b: 1, 7, 32–33, 36, 39
Natusch 1967: 224, fig. 69
Tong & Elder 1968: 65
Whitley 1968a: 69
Iwai et al. 1970: 16
Sorenson 1970: 5, 14, 15, 23, 36, 37, 38, 47, 48, 51, 55, fig. 32
Japan DSTA 1971: 64, *
Anon. 1972: 4
Hewitt & Hine 1972: 87
Japan FSFRL 1972: 89, fig.
JFA 1972: *
Watkinson & Smith 1972: 49
Scott E 1974b: 185
JAMARC 1975: 15, *
Robertson 1975c: 9
JAMARC 1976: 21, *
Wei et al. 1976: 57, fig.
Fenaughty & O'Sullivan 1978: 14, 36, 40, 146
JFA 1978: *
Korea FRDA 1978: 66, *
Taiwan FRI 1978: *
Francis M 1979: 68
JAMARC 1979: 18, *
Shuntov 1979: 71, *
Kerstan & Sahrhage 1980: 137–138, fig. 141
JAMARC 1981a: 21, *
Robertson 1981: fig. 2
Thompson 1981: 216
Ayling & Cox 1982: 271, pl. 35
Pickston et al. 1982: 19
Paul et al. 1983: 14
JAMARC 1984: 7, 16, 22, 80–111, fig. 15
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Clark 1985b: 373
Paulin & Stewart 1985: 49
Paul & Heath 1985: 51, pl. 18
Paul 1986: 118, figs
Gomon & Last 1987: 31–33
Hine et al. 1987: 44
Ho & Dojiri 1987: 615
Hurst & Bagley 1987: 6–7, 13–14, 35, 43–44
Paulin 1987a: 21, fig.
Fenaughty C et al. 1988: 6, 14, 22, 27, 32, 37
Francis M 1988c: 48, pl. 116
Gauldie 1988a: 395–396
Vlieg 1988: 16, 20, 27, 40, 48
Vlieg & Body 1988: 151–161
Clark & King 1989: 44, 53
Fenaughty & Uozumi 1989: 13, 17, 36–37, figs 20, 27
Hatanaka et al. 1989A: 10, 15, 52
Hatanaka et al. 1989B: 31
Massey 1989: 8
Paulin et al. 1989: 214, 263, fig. 147.3b
Pietsch 1989: 296
Amaoka et al. 1990: 297, fig.
Hurst et al. 1990: 49
OECD 1990: 176, 278
Tracey et al. 1990: 34
van Heezik 1990a: 204
Doak 1991: 171, fig.
Roberts C 1991: 3, 18
Paul 1992: 895
Gauldie 1993c: 1*
Leach & Boocock 1993: *
Paul et al. 1993: 65, fig.
Springer & Bauchot 1994: 83, 85
Francis M 1996b: 54, pl. 119
Paulin et al. 1996: 45, fig.
McClatchie et al. 1997: 666
Moore & Wakelin 1997: 20
Paul & Heath 1997b: 75, fig.
Jacob et al. 1998: 2126, 2135, 2138
Paulin 1998: 72, fig.
Paulin & Roberts 1998: 168
Weisler et al. 1999: 43
Wharton et al. 1999: 643–644, 647
Hine et al. 2000: 46
Paul 2000: 118, 216, figs
Tolimieri et al. 2000: 221

3313 *Kathetostoma laeve*
BROWN STARGAZER
Hutton 1872: 23–24
Sherrin 1886: 301
Hutton 1890: 279
Hutton 1896: 315
Waite 1907: 30
McCulloch 1929: 335
JFA 1977: 127
Amaoka et al. 1990: 298, fig.
Springer & Bauchot 1994: 83

3314 *Kathetostoma laevis*
BROWN STARGAZER
Gill 1893: 118
Hatanaka et al. 1989A: 52

3315 *Kathetostoma maculatus*
Hutton 1896: 315

3316 *Kathetostoma maculosa*
Hutton 1873c: 400
Hutton 1874a: 105
Sherrin 1886: 301

3317 *Kathetostoma monopterygium*
CATFISH, HARD HEAD
Hutton 1872: 23
Haast 1873: 274
Hutton 1873c: 400
Hutton 1874a: 104–106
Hutton 1875a: 133
Thomson G 1877: 486
Sherrin 1886: 301
Hutton 1890: 279

3318 *Kathetostoma*
Gunther 1880b: 286, 463
Graham D 1939a: 426
Graham D 1956: 74

3319 *Kathetostoma* sp.
DEEPWATER STARGAZER
Paulin & Stewart 1985: 49
Paulin et al. 1989: 214, 263, fig. 147.3a

3320 *Kathetostoma* sp.
STARGAZER
Clark M 1988: 419
Hurst et al. 1990: 14–15, 17, 28, 35–36, 40–41, 48, 50, figs 11, 20
Yano 1993b: 352

3321 *Kathetostoma* sp.
BANDED GIANT STARGAZER
Paulin 1987a: 21, fig.

3322 *Kathetostoma* sp.
MOTTLED STARGAZER
Hurst et al. 1990: 49

3323 *Kathetostoma* sp.
KERMADEC STARGAZER
Francis M 1993b: 142

3324 *Pleuroscopus pseudodorsalis*
SCALED STARGAZER, SCALY STARGAZER
Paul 1986: 119
Kishimoto et al. 1988: 150, 158, figs 1–5
Last et al. 1988: 303–314, figs 1–5
Paulin et al. 1989: 214, 263, fig. 147.2, pl., p. [194b]
Pietsch 1989: 294
Amaoka et al. 1990: 299, fig.
Springer & Bauchot 1994: 83–85
Paul 2000: 119

3325 *Pleuroscopus* sp.
SCALY STARGAZER
Last et al. 1983: 423–424, fig.
Paulin & Stewart 1985: 49
Clark M 1988: 419

3326 *Selenoscopus turbisquamatus*
Springer & Bauchot 1994: 84

3327 *Synnema monopterygium*
Haast 1873: 274

3328 *Synnema*
Hutton 1890: 279

3329 *Uranoscopina*
Gunther 1861: 86

3330 *Uranoscopum maculatum*
Fowler 1928: 427

3331 *Uranoscopus cirrhosus*
Cuvier & Valenciennes 1829: 314–318

3332 *Uranoscopus forsteri*
Gill 1893: 96

3333 *Uranoscopus fuscomaculatus*
Pietsch 1989: 295

3334 *Uranoscopus kouripua*
Lesson 1830: 217–218, pl. 18

3335 *Uranoscopus laevis*
Bloch & Schneider 1801: 47

3336 *Uranoscopus maculatus*
BEARDED STAR-GAZER, BEARDED URANOSCOPE, CAT-FISH
Forster J.R. 1801:
Richardson J 1842b: 207–210
Richardson & Gray 1843: 207
Richardson J 1843a: 17
Forster J.R. 1844: 118–120
Richardson J 1846: iv, 54–55, pl. 33
Hutton 1874a: 104–105
Gill 1893: 96
Forster G 1777: 2. 176–177
Whitehead 1968: pl. 28

3337 *Uranoscopus maculosus*
Richardson J 1842b: 208
Hutton 1874a: 104–105
Solander : MS 21

3338 *Uranoscopus monopterygius*
Bloch & Schneider 1801: 49–50
Richardson J 1842b: 207
Gill 1893: 96
Paulin & Roberts 1993: 197

3339 *Uranoscopus*
STARGAZER
Haast 1873: 274
Morton & Miller 1968: 550, fig. 204

3340 *Uranoscopus* sp.
JFA 1977: 127
Amaoka et al. 1990: 300, fig.

3341 *Xenocephalus armatus*
Springer & Bauchot 1994: 79–89, fig. 1

3342 CATFISH
Polack 1838: 323
Taylor 1855: 413
Taylor 1870: 626
Thomson G 1878: 330
Graham D 1939a: 425, 428
Powell 1966: (1) 372

3343 FLATHEAD
Graham D 1939a: 423–425, 430
Powell 1966: (1) 372

3344 GIANT STARGAZER
Anderson A 1997: 5
Leach [et al. 1999A]: *

3345 MONKFISH
Dickinson 1958: 14
Paul 1983: 49
Boyce et al. 1986: 4, 6, *
Pankhurst & Pankhurst 1989: 33

3346 MUDDY
Dickinson 1958: 14

Family Tripterygiidae Triplefins

Species recognised in 2015:
Apopterygion oculus Fricke & Roberts, 1994 Ocellate triplefin
Bellapiscis lesleyae Hardy, 1987 Mottled twister
Bellapiscis medius (Günther, 1861) Twister
Blennodon dorsale (Clarke, 1879) Giant triplefin
Cryptichthys jojettae Hardy, 1987 Cryptic triplefin
Enneapterygius kermadecensis Fricke, 1994 Kermadec triplefin
Forsterygion capito (Jenyns, 1841) Mottled triplefin
Forsterygion flavonigrum Fricke & Roberts, 1994 Yellowblack triplefin
Forsterygion gymnotum (Scott, 1977) Robust triplefin
Forsterygion lapillum Hardy, 1989 Common triplefin
Forsterygion malcolmi Hardy, 1987 Banded triplefin
Forsterygion maryannae Hardy, 1987 Oblique swimming triplefin
Forsterygion nigripenne (Valenciennes, 1836) Estuarine triplefin
Forsterygion varium (Forster, 1801) Variable triplefin
Gilloblennius abditus Hardy, 1986 Obscure triplefin
Gilloblennius tripennis (Forster, 1801) Thripenny
Karalepis stewarti Hardy, 1984 Scalyhead triplefin
Matanui bathytaton (Hardy, 1989) Deepwater triplefin
Matanui profundum (Fricke & Roberts, 1994) Yellowtail triplefin
Notoclinops caerulepunctus Hardy, 1989 Bluedot triplefin
Notoclinops segmentatus (McCulloch & Phillipps, 1923) Blue eyed triplefin
Notoclinops yaldwyni Hardy, 1987 Yaldwyn's triplefin
Notoclinus compressus (Hutton, 1872) Brown topknot
Notoclinus fenestratus (Forster, 1801) Topknot
Ruanoho decemdigitatus (Clarke, 1879) Longfin triplefin
Ruanoho whero Hardy, 1986 Spectacled triplefin
Ruanoho sp. Polkadot triplefin

3347 *Apopterygion*
Fricke & Roberts 1993: 14

3348 *Apopterygion oculus*
Fricke 1994: 118–122, fig. 13
Fricke 1997: 561

3349 *Auchenopterus aysoni*
Hector 1902a: 240–241, pl. 15
Hutton 1904c: 46
Waite 1907: 32
Waite 1913b: 2, 9, 12–13
Phillipps 1919: 30
Phillipps 1927b: 51
Phillipps 1927c: 14
Hardy 1990: 14
Russell 1996: 218
Roberts C & Paulin 1997: 224

3350 *Auchenopterus compressus*
Hutton 1875a: 133
Hutton 1877: 354

3351 *Auchenopterus fenestratus*
Hutton 1890: 281

3352 *Auchenopterus*
Whitley 1937a: 144

3353 *Bellapiscis lesleyae*
MOTTLED TWISTER
Hardy 1987c: 263–266, fig. 4

Hardy et al. 1987: 246
Paulin et al. 1989: 220, 263, fig. 152.4b
Hardy 1990: 12
Roberts C 1991: 19
Paulin & Roberts 1992: 90–91, figs 43a, b, pl. 15E, F
Fricke & Roberts 1993: 2
Paulin & Roberts 1993: 198
Fricke 1994: 126–131, figs 14, 15
Syms 1995: 31–43, figs
Francis M 1996a: 53
Fricke 1997: 562
Taylor & Willis 1998: 256

3354 *Bellapiscis medius*
TWISTER
Hardy 1987c: 260–263, fig. 3
Hardy et al. 1987: 248
Jones G 1988: 453
Paulin et al. 1989: 221, 263, fig. 152.4a
Roberts C 1991: 2, 19
Paulin & Roberts 1992: 17, 88–89, figs 42a, b, pl. 15D
Fricke & Roberts 1993: 2
Paul et al. 1993: 57, fig.
Paulin & Roberts 1993: 198
Fricke 1994: 132–137, figs 16, 17
Francis M 1996a: 53
Willis & Roberts 1996: 333–336, 339, 340, fig. 2
Fricke 1997: 562
Paul & Heath 1997a: 76, fig.
Paulin & Roberts 1998: 171, 172
Brix et al. 1999: 329–334

3355 *Blennius fenestratus*
Bloch & Schneider 1801: 173–174
Forster J.R. 1801: MS 2. 39
Valenciennes 1836: Vol. 11, 416
Gill 1893: 96
Forster G 1777: 2. 186

3356 *Blennius rubiginosus*
Solander : MS 21

3357 *Blennius tripennis*
Bloch & Schneider 1801: 174
Forster J.R. 1801: MS 2. 41
Forster J.R. 1844: 125–126
Hutton 1877: 354
Hutton 1890: 280
Gill 1893: 96
Whitley & Phillipps 1939: 235

3358 *Blennius varius*
Forster G [1772–1775]: 185
Bloch & Schneider 1801: 178
Forster J.R. 1801: MS 2, 43
Valenciennes 1836: Vol. 11, 414
Forster J.R. 1844: 127–128
Hutton 1877: 354
Gill 1893: 96
Parrott 1936: 31
Whitley & Phillipps 1939: 236

3359 *Blennius venustus*
Parkinson : 2.t. 5, Vol. 2, No. 5
Whitehead 1968: pl. 11

3360 *Blennodon dorsale*
GIANT TRIPLEFIN
Hardy 1987a: 157–164, figs 1–2, pls. 1–2
Paulin et al. 1989: 220, 263
Fricke & Roberts 1993: 2
Paulin & Roberts 1992: 76–77, figs 33a,b, pl. 12A
Paulin & Roberts 1993: 198
Fricke 1994: 140–144, figs 18, 19
Francis M 1996a: 53
Fricke 1997: 562
Paulin & Roberts 1998: 171
Hayward et al. 1999: 183

3361 *Blennodon dorsalis*
Thompson 1981: 221b
Hardy 1987a: 157–158

3362 *Cryptichthys jojettae*
BLACK-ARCHED TRIPLEFIN, CRYPTIC TRIPLEFIN
Hardy 1987c: 266–271, fig. 5
Hardy et al. 1987: 246
Paulin et al. 1989: 220, 263
Hardy 1990: 12
Paulin & Roberts 1992: 75–76, figs 32a, b, pl. 12C, D
Paulin & Roberts 1993: 198
Fricke 1994: 168–172, figs 26, 27
Willis 1995: 68
Francis M 1996a: 53
Fricke 1997: 562
Taylor & Willis 1998: 256

3363 *Enneapterygius kermadecensis*
Fricke 1994: 230–234, figs 42, 43
Francis M 1996a: 41, 53
Fricke 1997: 227–230, 568, fig. 43

3364 *Enneapterygius medius*
Rendahl 1925: 10–12

3365 *Enneapterygius mortenseni*
Rendahl 1925: 1, 11–12, figs 3–4
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3366 *Enneapterygius rufopilea*
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3367 *Enneapterygius tripennis*
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3368 *Enneapterygius (Tripterygion) tripennis*
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3369 *Enneapterygius varius*
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3370 *Forsterygion bathytaton*
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3371 *Forsterygion capito*
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3372 *Forsterygion? capito*
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3373 *Forsterygion flavonigrum*
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3374 *Forsterygion gymnotum*
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3375 *Forsterygion lapillum*
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3376 *Forsterygion malcolmi*
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3377 *Forsterygion ?malcolmi*
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3378 *Forsterygion nigripenne*
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3379 *Forsterygion nigripenne robustum*
Berger & Mayr 1992: 359–370, figs 1–5
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3380 *Forsterygion profundum*
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3381 *Forsterygion robustum*
Morris RW 1965: 141, 145–152
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3382 *Forsterygion varium*
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3383 *Forsterygion varius*
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3384 *Forsterygion* sp.
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3385 *Forsterygion*
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3386 *Forsterygion* sp.
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3387 *Forsterygion* sp.
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3388 *Forsterygion* sp.
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3389 *Forsterygion* sp.
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3390 *Gilloblennius abditus*
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3391 *Gilloblennius decemdigitatus*
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3392 *Gilloblennius decimdigitatus*
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3393 *Gilloblennius forsteri*
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3394 *Gilloblennius tripenne*
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3395 *Gillobennis tripennis*
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3396 *Gilloblennius tripennis*
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3397 *Gilloblennius*
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3398 *Gilloblennius* sp.
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3399 *Grahamina capito*
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3400 *Grahamina nigripenne*
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3401 *Grahamina signata*
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3402 *Helcogramma medium*
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3403 *Helcogramma*
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3404 *Karalepis stewarti*
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3405 *Norfolkia squamiceps*
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3406 *Notoclinops bucknilli*
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3407 *Notoclinops caerulepunctus*
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3408 *Notoclinops compressus*
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3409 *Notoclinops segmentatum*
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3410 *Notoclinops segmentatus*
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3411 *Notoclinops yaldwyni*
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3412 *Notoclinops*
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3413 *Notoclinops* sp.
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3414 *Notoclinus compressus*
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3415 *Notoclinus fenestratus*
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3416 *Notoclinus segmentatus*
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3417 *Notoclinus*
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3418 *Notoclinus* sp.
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3419 *Obliquichthys maryannae*
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3420 *Ophioclinus venusta*
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3421 *Ruanoho decemdigitatus*
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3422 *Ruanoho whero*
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3423 *Ruanoho* sp.
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3424 *Sticharium venustum*
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3425 *Tripterygia varium*
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3426 *Tripterigion nigripenne*
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3427 *Tripterigion robustum*
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3428 *Tripterigion segmentatum*
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3429 *Tripterigion tripenne*
Shuntov 1979: 69, *

3430 *Tripterigion*
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3431 *Tripterigium dorsalis*
Hardy 1987c: 262

3432 *Tripterigium varium*
Allen 1951: 66

3433 *Tripterygion bucknilli*
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Russell 1983: 133–134, 138, 139, 140
Hardy 1987b: 165

3434 *Tripterygion capito*
COCKABULLY, COMMON TRIPLEFIN
Jenyns 1842: 94–95, pl. 14
Richardson & Gray 1843: 212
Richardson J 1843a: 23
Grace R 1971: 133
Ruck 1973a: 1–10, fig. 1
Moreland 1974: 1535–1541
Gordon & Ballantyne 1976: 34
Nicholson 1979: 136
Willan et al. 1979: 452. 457
Ruck 1980: 313–314, 325
Grange et al. 1981: fig. 2
Ayling & Cox 1982: 280, pl. 40
Russell 1983: 134, 140–142
Bradstock 1985: 134
Davison 1985: 96–104
Pilgrim 1985: 29
Hardy G 1989a: 491, 498, 508–509
Roberts C & Paulin 1997: 212
Syms & Jones 1999: 923

3435 *Tripterygion decemdigitatum*
Gill 1893: 119
Hutton 1904c: 46
Waite 1913b: 1

3436 *Tripterygion dorsale*
Gill 1893: 119
Hutton 1904c: 46
Waite 1907: 32
Waite 1913b: 1, 7

3437 *Tripterygion dorsalis*
Graham J 1963: 169
Francis M 1979: 69
Paulin & Stewart 1985: 51

3438 *Tripterygion fenestratum*
Forster J.R. 1801: MS 2. 39–40
Cuvier & Valenciennes 1836: Vol. 11, 416–417
Jenyns 1842: 95
Richardson & Gray 1843: 212
Richardson J 1843a: 23
Gill 1893: 96, 124

3439 *Tripterygion forsteri*
Forster J.R. 1801: MS 2. 41
Jenyns 1842: 95
Richardson & Gray 1843: 212
Richardson J 1843a: 23
Gill 1893: 96
Hardy 1986b: 145, 146

3440 *Tripterygion jenningsi*
Hardy G 1989a: 498
Hardy 1990: 14
Paulin & Roberts 1992: 19
Paulin & Roberts 1993: 198

3441 *Tripterygion medium*
KOKOPU, KOKOPURU
Gill 1893: 119
Hutton 1904c: 46
Waite 1907: 33
Thomson G 1913: 230
Waite 1913b: 1, 3, 5–7, pl. 2
Thomson & Anderton 1921: 95
Parrott 1936: 34
Laird 1953: 79, 82, 85–6, 89–90, 108, 121, 130, 132, 135–137, 140
Hardy 1987c: 253

3442 *Tripterygion nigripenne*
COCK-A-BULLY, COCKABULLY, KOKOPU
Cuvier & Valenciennes 1836: Vol. 11, 413–414
Jenyns 1842: 95

Richardson J 1843a: 23
Hutton 1904c: 46
Waite 1907: 32
Waite 1913b: 1
Thomson & Anderton 1921: 24, 95
Parrott 1936: 31
Whitley & Phillipps 1939: 236
Webb 1972g: 570–601
Webb 1973a: 45–66
Webb 1973d: 223–234, figs 1, 2
Webb 1973e: 301–305
Webb 1973f: 310, 313
Kilner & Akroyd 1978: 56–66
McDowall 1980c: 52, fig.
Blair 1984: 27
Eldon & Kelly 1985: 23–26, 51–52

3443 *Tripterygion nigripinne*
Richardson & Gray 1843: 211

3444 *Tripterygion nigripinnis*
COCKABULLY, THREEFIN BLENNY, TWISTER
Moreland 1963: 50
Paulin & Roberts 1993: 198

3445 *Tripterygion robustum*
ESTUARINE TRIPLEFIN, ROBUST BLENNY
Gill 1893: 119
Hutton 1904c: 46
Waite 1913b: 1
Ruck 1973a: 1–10, figs 2, 3
Moreland 1974: 1534–1541, fig.
Ayling & Cox 1982: 278
Ruck 1980: 313–314, 317, 325
Bradstock 1985: 133
Jones & Hadfield 1985: 480
Paulin & Stewart 1985: 51
Hardy G 1989a: 498
Paulin & Roberts 1993: 198
Syms 1995: 31–43, figs

3446 *Tripterygion segmentatum*
BANDED BULLY
McCulloch & Phillipps 1923: 20–21, pl. 4
Phillipps 1927b: 50
Phillipps 1927c: 14
Graham D 1938: 416
Hardy 1987b: 165
Hardy 1990: 14

3447 *Tripterygion tripinne*
COCK-A-BULLI
Gill 1893: 94–95, 100, 119
Hutton 1904c: 46
Thomson G 1906: 550
Waite 1913b: 1
Hardy 1986b: 145

3448 *Tripterygion tripenne*
THREEPENNY
Waite 1907: 32
Thomson G 1913: 230
Waite 1913b: 3–5, pl. 1
Thomson & Anderton 1921: 94–95
Phillipps 1927b: 50
Phillipps 1927c: 14
Graham D 1938: 416
Laird 1953: 82–83, 85
Ralph & Yaldwyn 1956: 82
Moreland 1957: 34

3449 *Tripterygion varicum*
Manter 1954: 559

3450 *Tripterygion varium*
COCKABULLY, COMMON SALT WATER BULLY, MOTTLED BLENNY, VARIABLE TRIPLEFIN
Forster J.R. 1801: MS 2, 43
Valenciennes 1836: Vol. 11, 414–415
Jenyns 1842: 95
Richardson & Gray 1843: 211–212
Richardson J 1843a: 23
Gill 1893: 94–96, 100, 119
Hutton 1904c: 46
Waite 1907: 32
Waite 1911b: 248
Thomson G 1913: 230
Waite 1913b: 1, 3, 7–9, pl. 3
Waite 1916a: 50
Thomson & Anderton 1921: 95
McCulloch & Phillipps 1923: 21
Phillipps 1927a: 14
Phillipps 1927b: 50
Young 1929: 148, 165
Thomson G 1932: 23
Norman 1935: 3
Parrott 1936: 31–39, fig. 1
Graham D 1938: 416
Graham D 1939b: 368–369, pl. 43–44
Johnston & Mawson 1943: 239
Laird 1953: 79, 82, 85–86, 89–90, 93, 108, 111–113, 121, 130, 132, 136–137, 140
Graham D 1956: 70
Ralph & Yaldwyn 1956: 62, 81–82, fig. 59
Fell 1960: 20
McDowall 1964a: 179, fig. 2
Morton & Miller 1968: pl. 32
Grace R 1971: 130, 133
Grace R 1972a: 92
Grace R 1973: 17
Ruck 1973a: 1
Grace A 1974: 23
Grace R 1975: 98
Gordon & Ballantyne 1976: 34
Grace A 1976: 104
Grace & Grace 1978: 134
Nicholson 1979: 136
Shuntov 1979: 69, *
Willan et al. 1979: 452, 457
Housley 1980: 88

Jones G.P. 1980a: 205
Jones G.P. & Thompson 1980: 247–256, figs 2–8
Ruck 1980: 314
Grange et al. 1981: 227
Wheeler 1981: 795
Ayling & Cox 1982: 279, pl. 38
Gunson 1983: 180, fig.
Russell 1983: 124, 134
Bradstock 1985: 132–134, fig., pl.
Davison 1985: 96–103, figs 1–3
Andrews 1986: 27, 30, 85
Dickson 1986: 30
Hardy 1986b: 146
Connell & Jones 1991: 273
Horwood et al. 1998: 23, *

3451 ***"Tripterygion" capito***
Paulin et al. 1989: 264
Fricke & Roberts 1993: 2, 3, 11

3452 ***"Tripterygion" jenningsi***
Johnston & Mawson 1943: 239
Paulin et al. 1989: 264
Fricke & Roberts 1993: 2, 3, 11

3453 ***"Tripterygion" nigripinnis***
Paulin et al. 1989: 264
Fricke & Roberts 1993: 2

3454 ***"Tripterygion" robustum***
Paulin et al. 1989: 264
Fricke & Roberts 1993: 2, 3

3455 ***Tripterygion***
THREE-FIN BLENNY, TRIPLE-FIN BLENNIES, COCKABULLY, BLENNY
Benham 1936: 26
Packard 1959: 120
Doogue & Moreland 1961: 284, one fig.
Moreland 1963: 50, one fig.
Hewitt 1964d: 123
Howell 1966b: 1, 5–6, 24–27, 30–31, 38, fig. 8
McDowall 1966: 94
Howell 1967: 229
Jillett 1968a: 6–7
McDowall 1968c: 43
Kingsford & Choat 1985: 622, 624
Roper 1986: 705–717
Jones J 1988a: 400, 413
Penlington 1988: 10, 12
van Heezik 1989: 152
Kingsford 1993: 402

3456 ***Tripterygion* sp.**
YELLOW[-]BLACK TRIPLEFIN, YELLOW/BLACK BLENNY
Grace R 1975: 98
Paulin & Stewart 1985: 51
Roberts et al. 1986: 358–361
Paulin et al. 1989: 220, 264

3457 ***Tripterygion* sp.**
YALDWYN'S TRIPLEFIN, YALDWYN'S BLENNY
Grace R 1975: 98
Ayling & Cox 1982: 280, pl. 37
Paulin & Stewart 1985: 51
Marsh 1986: 148, 153
Roberts et al. 1986: 358
Francis M et al. 1987: 13

3458 ***Tripterygion* sp.**
MOTTLED TRIPLEFIN
Ayling & Cox 1982: 280, pl. 37
Paulin & Stewart 1985: 51
Roberts et al. 1986: 358–361

3459 ***Tripterygion* sp.**
BLUE DOT BLENNY, BLUE-DOT TRIPLEFIN
Grace R 1975: 98
Ayling & Cox 1982: 282, fig.
Paulin & Stewart 1985: 51
Roberts et al. 1986: 358

3460 ***Tripterygion* sp.**
OBLIQUE-SWIMMING TRIPLEFIN
Grace R 1975: 98
Grange et al. 1981: 227
Ayling & Cox 1982: 281, pl. 40
Davison & Van Berkel 1985: 150
Paulin & Stewart 1985: 51
Roberts et al. 1986: 358

3461 ***Tripterygion* sp.**
DEEPWATER TRIPLEFIN
Ayling & Cox 1982: 278
Paulin & Stewart 1985: 51

3462 ***Tripterygion* sp.**
Hine et al. 2000: 28
Harris T 1993: 71

3463 ***Tripterygium compressum***
Hutton 1890: 281
Russell 1996: 220, 231

3464 ***Tripterygium decemdigitatus***
Hutton 1890: 280

3465 ***Tripterygium dorsale***
Hutton 1896: 316

3466 ***Tripterygium dorsalis***
Hutton 1890: 280

3467 ***Tripterygium fenestratum***
Gunther 1861: Vol. 3, 278

3468 ***Tripterygium forsteri***
Gunther 1861: Vol. 3, 278
Hutton 1890: 280

3469 *Tripterygium jenningsi*
Hutton 1879b: 339
Hardy G 1989a: 504
Russell 1996: 215, 218, 219, 231

3470 *Tripterygium medium*
Gunther 1861: Vol. 3, 278
Hutton 1875: 133
Hutton 1890: 280
Steindachner 1901: 499
Laird 1951: 301, 303, 307
Whitley 1955: 115, 119
Scott E 1977: 147
Hardy 1987a: 157

3471 *Tripterygium nigripenne*
Hutton 1875a: 133
Hutton 1879b: 339
Hutton 1890: 280
Hardy G 1989a: 491–493, 498, 509

3472 *Tripterygium nigripinne*
Gunther 1861: Vol. 3, 277

3473 *Tripterygium robustum*
Hutton 1890: 280
Hutton 1896: 316
Miller & Batt 1973: 54, fig. 46

3474 *Tripterygium segmentatum*
Thomson G 1931: 29

3475 *Tripterygium varium*
COCK A BULLY
Gunther 1861: Vol. 3, 277
Hutton 1890: 280
Regan 1916a: 134, 145, 150, pl. 9
Graham 1937: 7–21, pl. 1, 3, 4–6
Phillipps 1948: 130
Laird 1951: 301, 303, 307

3476 *Trypterigium decemdigitatus*
Clarke 1879a: 292, pl. 15

3477 *Trypterigium dorsalis*
Clarke 1879a: 291, pl. 15

3478 *Trypterigium robustum*
Clarke 1879a: 292–293, pl. 15

3479 *Tripterygium*
Hutton 1874b: 86
Gunther 1880b: 286, 495
Macleay 1882a: 26

3480 *Trypterygion capito*
BLENNY
Knox 1969c: 549

3481 *Trypterygion dorsalis*
BLENNY
Knox 1969c: 549

3482 *Trypterygion nigripenne*
BLENNY
Knox 1969c: 549

3483 *Trypterygion varium*
COCKABULLY
Batham 1956: 457

3484 *Trypterygion* sp.
COCKABULLY
van Heezik 1990a: 204
van Heezik 1990b: 545, 547

3485 *Trypterygium compressum*
BLENNY
Hutton 1872: 32
Hutton 1873: 263, pl. 15
Hutton 1876: 214
Arthur 1885: 168–169, pl. 14
Sherrin 1886: 302

3486 *Trypterygium decemdigitatum*
Sherrin 1886: 302

3487 *Trypterygium decemdigitatus*
Hardy 1986b: 145–147

3488 *Trypterygium dorsalis*
Sherrin 1886: 302
Hardy 1987a: 157

3489 *Trypterygium fenestratum*
Hutton 1872: 32
Hutton 1877: 354
Sherrin 1886: 302
Hardy 1986b: 145
Hardy G 1989a: 498

3490 *Trypterygium forsteri*
Hutton 1872: 31
Hutton 1877: 354
Sherrin 1886: 302
Hardy 1986b: 145
Hardy G 1989a: 498

3491 *Trypterygium jenningsi*
Sherrin 1886: 302

3492 *Trypterygium medium*
Hutton 1872: 32
Sherrin 1886: 302

3493 *Trypterygium nigripenne*
Hutton 1872: 31
Hutton 1873b: 263
Hutton 1877: 354
Sherrin 1886: 302

Hector 1902a: 240
Hardy 1986b: 145

3494 *Trypterygium robustum*
Sherrin 1886: 302
Hardy G 1989a: 491

3495 *Trypterygium varium*
Hutton 1872: 33
Hector 1875a: 239
Sherrin 1886: 302
Sandager 1888: 129
Hardy 1986b: 145
Hardy G 1989a: 498

3496 *Vauclusella rufopilea*
Francis M et al. 1987: 5
Paulin et al. 1989: 219, 264
Paulin & Roberts 1993: 199

3497 *Vaucusella rufopilem*
Paulin & Stewart 1985: 51

3498 *Zeablennius laticlavius*
TOPKNOT
Whitley 1956b: 411
Whitley 1968a: 81
Russell 1975: 306

3499 BLACK-ARCHED TRIPLEFIN
Hardy 1986c: 31, Fig. 2

3500 BLENNY
Archey 1927: 200
Benham 1941: 34
Moreland 1965: 126
Morton 1966: (3) 209
Paul 1966c: (1) 678

3501 BLUE-DOT TRIPLEFIN
Hardy et al. 1987: 248
Francis M 1988c: 51, pl. 138
Doak 1991: 177, fig.

3502 BULLY
Graham D 1939a: 423
Moreland 1965: 123–124

3503 COCKABULLY
Graham D 1939a: 423–426, 430, 432
Parrott 1957: 141
Bradstock 1985: 41, 132

3504 ESTUARINE TRIPLEFIN
Francis M 1988c: 51, pl. 123

3505 MOTTLED TRIPLEFIN
Hardy et al. 1987: 246

3506 OBLIQUE-SWIMMING TRIPLEFIN
Hardy 1986c: 31
Hardy et al. 1987: 246

3507 THREEPENNY
Graham D 1939a: 423–424, 426, 430
Graham D 1956: 137

3508 THREE-FIN BLENNY
Paul 1986: 135
Paul 2000: 135

3509 TRIPLEFIN
Paul 1986: 135
Moore et al. 1995: 23, figs 12–17
Paul 2000: 135

3510 YELLOW-BLACK TRIPLEFIN
Hardy 1986c: 31
Hardy et al. 1987: 246
Syms 1995: 31–43, figs

Family Clinidae Weedfishes

Species recognised in 2015:
Cologrammus flavescens (Hutton, 1872) Bluntnose clinid
Cristiceps aurantiacus Castelnau, 1879 Crested weedfish
Ericentrus rubrus (Hutton, 1872) Orange clinid

3511 *Christiceps australis*
Richardson & Gray 1843: 211

3512 *Clinus flavescens*
Hutton 1873b: 264, pl. 15
Sherrin 1886: 302
Hutton 1890: 280
Gill 1893: 124
Waite 1913b: 15

3513 *Clinus littoreus*
Forster J.R. 1801: MS 2. 42
Cuvier & Valenciennes 1836: Vol. 11, 389–390
Jenyns 1842: 92
Richardson & Gray 1843: 211
Richardson J 1843a: 22
Gill 1893: 96
Hardy 1984c: 359

3514 *Clinus rubrum*
Hutton 1873b: pl. 9
Sherrin 1886: 302

3515 *Clinus rubrus*
Hutton 1873b: 264, pl. 9
Hutton 1890: 280
Gill 1893: 123

3516 *Clinus*
Gunther 1880b: 286, 495

3517 *Cologrammus flavescens*
BLENNY
Gill 1893: 119
Hutton 1904c: 46
Waite 1907: 31
Waite 1913b: 15–16
Phillipps 1927b: 50
Phillipps 1927c: 14
Whitley 1956b: 411
Whitley 1968a: 79
Francis M 1979: 69
Paulin & Stewart 1985: 51
Paulin et al. 1989: 221, 264, fig. 153.2a
Roberts C 1991: 19
Francis M 1996a: 54
Hickford & Schiel 1999: 296

3518 *Cristiceps aurantiacus*
CRESTED WEEDFISH
Griffin 1926: 543–544, pl. 98
Phillipps 1927b: 50
Benham 1941: 34
Whitley 1956b: 411
Milward 1967: 3–4, fig. 2
Whitley 1968a: 79
Moreland 1974: 1538–1541
Nicholson 1979: 136
Willan et al. 1979: 452, 454
Housley et al. 1981: 39
Thompson 1981: 9, 21, 258, 261–262 (figs), 294, 295, 312, 323, 330
Ayling & Cox 1982: 283, pl. 41
Gunson 1983: 174–176, fig.
Paulin & Stewart 1985: 51
Paul & Heath 1985: 39, pl. 12
Paul 1986: 135
Paulin et al. 1989: 221, 264, fig. 153.1
Kingsford 1992: 44–46, 48, 49, 51
Paulin & Roberts 1992: 97–98, figs 48a, b, pl. 20A, B
Paul et al. 1993: 61, fig.
Paulin & Roberts 1993: 199
Willis 1995: 68
Francis M 1996a: 54
Paul & Heath 1997a: 78, fig.
Roberts C & Paulin 1997: 224
Taylor & Willis 1998: 256
Paul 2000: 135

3519 *Cristiceps auranticus*
Kingsford & Choat 1985: 624, 628
Kingsford & Choat 1986: 168

3520 *Cristiceps australis*
CRESTED WEEDFISH, WEEDFISH
Cuvier & Valenciennes 1836: Vol. 11, 402–405, pl. 336
Richardson & Gray 1843: 211
Richardson J 1843a: 22
Hutton 1873b: 264
Sherrin 1886: 302
Hutton 1890: 280
Gill 1893: 119
Hutton 1904c: 46
Waite 1907: 32
Waite 1913b: 11–12
Phillipps 1927b: 50
Phillipps 1927c: 14
McCulloch 1929: 350
Benham 1941: 34
Whitley 1956b: 411
Scott E 1966: 112
Whitley 1968a: 79
Last et al. 1983: 433, fig.

3521 *Cristiceps*
Gunther 1880b: 286, 495

3522 *Crysticeps australis*
Hector 1902a: 240

3523 *Ericentrus ruber*
BLENNY, ORANGE CLINID
Whitley 1956b: 411
Parrott 1960: 161–162, fig. 60
Morton & Miller 1968: 198
Whitley 1968a: 3, 79
Hewitt & Hine 1972: 84
George & Springer 1980: 7
Thompson 1981: 9, 21, 258, 259–260 (figs)
Ayling & Cox 1982: 15, 284, pl. 41

3524 *Ericentrus rubra*
COMMON WEEDFISH
Moreland 1974: 1538–1541

3525 *Ericentrus rubrus*
BANDED WEEDFISH, ORANGE CLINID
Gill 1893: 119, 123
Hutton 1904c: 46
Waite 1907: 31
Waite 1913b: 13–15, pl. 5
Phillipps 1919: 30
Oliver 1923: 522
Phillipps 1927b: 50
Phillipps 1927c: 14
Young 1929: 148
Moreland & Dell 1950: 39–40, one fig.
Laird 1953: 79, 82–83, 85–87, 89–90, 93–94, 117, 121, 130, 136–137, 140
Fell 1960: 20
Knox 1969c: 549
Francis M 1979: 69
Paulin & Stewart 1985: 52

Hardy et al. 1987: 246
Francis M 1988c: 51, pl. 126
Paulin et al. 1989: 221, 264, fig. 153.2b
Roberts C 1991: 4, 5, 19, fig. 2D
Paulin & Roberts 1992: 98–99, figs 49a, b, pl. 20C, D
Francis M 1996a: 42, 54
Francis M 1996b: 59, pl. 129
Paul & Heath 1997a: 78, fig.
Paulin & Roberts 1993: 199
Russell 1996: 218
Willis & Roberts 1996: 333, 334, 337
Roberts C & Paulin 1997: 224
Taylor & Willis 1998: 256
Hine et al. 2000: 20

3526 *Ericentrus*
BLENNY
Natusch 1967: fig. 72

3527 *Phillippsichthys aysoni*
CRESTED WEEDFISH
Whitley 1937a: 144
Whitley 1956b: 411

3528 *Sticharium flavescens*
Hutton 1872: 33–34
Hutton 1873b: 264
Hutton 1890: 280
Gill 1893: 124
Waite 1913b: 15
George & Springer 1980: 7
Russell 1996: 231–232

3529 *Sticharium rubrum*
Hutton 1872: 33
Hutton 1873b: 264
Hutton 1890: 280
Gill 1893: 123
Waite 1913b: 2
George & Springer 1980: 7
Hardy 1990: 14
Russell 1996: 215, 218, 232

3530 *Sticharium*
Hutton 1872: x

Family Blenniidae Blennies

Species recognised in 2015:
Cirripectes alboapicalis (Ogilby, 1899) Whitedot blenny
Cirripectes castaneus (Valenciennes, 1836) Chestnut blenny
Entomacrodus caudofasciatus (Regan, 1909) Bartailed rockskipper
Entomacrodus cymatobiotus Schultz & Chapman, 1960 Pale rockskipper
Entomacrodus niuafoouensis (Fowler, 1932) Tattooed rockskipper
Omobranchus anolius (Valenciennes, 1836) Oyster blenny
Parablennius laticlavius (Griffin, 1926) Crested blenny
Plagiotremus tapeinosoma (Bleeker, 1857) Mimic blenny

3531 *Alticus* sp.
Waite 1910b: 380

3532 *Apsidontus maroubrae*
Grace R 1973: 17

3533 *Aspidontus maroubrae*
Thompson 1981: 225
Ayling & Cox 1982: 277

3534 *Aspidontus taeniatus*
SABRETOOTH BLENNY
Doak 1974m: 1397, fig. 3

3535 *Blennius laticlavius*
CRESTED BLENNY, FRILLED BLENNY, POOL BLENNY
Griffin 1926: 542–543, pl. 96
Phillipps 1927b: 51
Powell 1941: 258
Moreton & Chapman 1968: 32
Morton & Miller 1968: 199, fig. 66
Russell 1971a: 25
Russell 1971b: 88
Grace R 1972a: 92
Grace R 1973: 17
Doak 1974r: 1544
Moreland 1974: 1539–1541, fig.
Grace R 1975: 98
Grace A 1976: 104
Nicholson 1979: 136
Willan et al. 1979: 452
Thompson 1981: 9, 20, 221, 223–224 (figs), 312
Housley 1980: 88
Housley et al. 1981: 38
Ayling & Cox 1982: 277

3536 *Blennius litoreus*
Forster J.R. 1801: MS 2. 42

3537 *Blennius littoreus*
Forster G [1772–1775]: 184
Valenciennes 1836: Vol. 11, 389
Forster J.R. 1844: 127
Gill 1893: 96
Whitehead 1968: pl. 30
Hardy 1984c: 357, 359

3538 *Blennius maoricus*
BLENNY, MAORI BLENNY
Whitley 1937c: 20
Kner 1865a: 195, pl. 8
Kner 1865b: 503
Whitley 1956b: 411
Whitley 1968a: 79
Roberts C & Paulin 1997: 213

3539 *Blennius tripennis*
Hardy 1986b: 145, 147

3540 *Blennius varius*
Hardy 1986b: 145
Hardy G 1989a: 491–492, 498

3541 *Blennius*
Hutton 1890: 281

3542 *Cirripectes alboapicalis*
Francis M et al. 1987: 5
Williams 1988: 20–24, fig. 8, pl. 1(A-C)
Paulin et al. 1989: 222, 264, fig. 154.2
Paulin & Roberts 1993: 199
Francis M 1996a: 54

3543 *Cirripectus alboapicalis*
Paulin & Stewart 1985: 52

3544 *Cirripectes castaneus*
Francis M 1993b: 142
Francis M 1996a: 54

3545 *Entomacrodus caudofasciatus*
Francis M et al. 1987: 8, 10
Paulin et al. 1989: 222, 264, fig. 154.5a
Francis M 1996a: 54

3546 *Entomacrodus cymatobiotus*
Paulin et al. 1989: 222, 264, fig. 154.6a
Francis M et al. 1987: 8
Francis M 1993b: 143
Paulin & Roberts 1993: 199
Francis M 1996a: 54

3547 *Entomacrodus niuafoouensis*
Francis M et al. 1987: 10
Paulin et al. 1989: 222, 264, fig. 154.6b
Paulin & Roberts 1993: 199
Francis M 1996a: 54

3548 *Entomacrodus striatus*
Paulin & Stewart 1985: 52
Francis M et al. 1987: 10

3549 *Parablennius laticlavius*
CRESTED BLENNY
Ayling & Cox 1982: 277, pl. 36
Gunson 1983: 180, fig.
Kelly 1983: 124
Russell 1983: 124, 133, 139
Paulin & Stewart 1985: 52
Paul & Heath 1985: 37, pl. 11
Bath & Hutchins 1986: 198, 200, 202, 212, figs 33, 37, 38
Kingsford & Choat 1986: 164–165, 169
Roberts et al. 1986: 358–361
Paul 1986: 135
Hardy et al. 1987: 246
Francis M et al. 1987: 4, 9
Francis M 1988c: 51–52, pl. 139
Jones G 1988: 453
Kingsford 1988: 468, 470, 472, fig. 4
Kingsford & Choat 1989: 288
Paulin et al. 1989: 222, 264
Doak 1991: 173, fig.
Kingsford 1992: 45, 46, 52
Paulin & Roberts 1992: 18, 36–37, fig 6a, b, pl. 5A
Tricklebank et al. 1992: 268
Paul et al. 1993: 55, fig.
Paulin & Roberts 1993: 199
Syms 1995: 31–43, figs
Willis 1995: 68
Francis M 1996a: 54
Francis M 1996b: 59, pl. 142
Paul & Heath 1997a: 79
Roberts C & Paulin 1997: 213
Enderby & Enderby 1998: 23
Horwood et al. 1998: 22, *
Taylor & Willis 1998: 257
Syms & Jones 1999: 923, 925, 927, 929–936, figs 1, 2, 5, 9–13
Paul 2000: 135

3550 *Petroscirtes rhynorhynchus*
Waite 1910b: 380
Francis M et al. 1987: 10

3551 *Plagiotremis rhynorhynchos*
Paulin & Stewart 1985: 52

3552 *Plagiotremis tapeinosoma*
MIMIC BLENNY
Willan et al. 1979: 453
Thompson 1981: 20, 221, 225–226 (figs), 299, 312, 322–323
Paulin & Stewart 1985: 52
Paulin & Roberts 1993: 199

3553 *Plagiotremus ?rhynorhynchos*
Francis M et al. 1987: 10

3554 *Plagiotremus tapeinosoma*
MIMIC BLENNY, SABRE-TOOTH BLENNY
Moreland 1974: 1539–1541
Grace R 1975: 98
Allen et al. 1976: 426
Russell & Ayling 1976: 282
Russell et al. 1976: 407, 420
Smith-Vaniz 1976: 138–144, 174–176, figs 67, 82d

Housley 1980: 89
Ayling & Cox 1982: 272, pl. 36
Gunson 1983: 180, fig.
Kelly 1983: 48, 124
Marsh 1986: 149, 153
Paul 1986: 135
Francis M et al. 1987: 4, 10
Hardy et al. 1987: 246
Francis M 1988c: 52, pl. 140
Paulin et al. 1989: 222, 264, fig. 154.3
Doak 1991: 173, fig.
Cole et al. 1992: 210
Paulin & Roberts 1992: 36
Francis M & Evans 1993: 132
Francis M 1996a: 41, 54
Francis M 1996b: 59–60, pl. 143
Paul & Heath 1997a: 79, fig.
Paul 2000: 135

3555 *Plagiotremus* sp.
Schiel et al. 1986: 530

3556 *Salarias* sp.
Waite 1910b: 380

3557 *Tarablennius laticlavius*
CRESTED BLENNY
Marsh 1986: 151, 153

3558 BLENNY
Ayling 1978: 67
Schiel 1984: 25

Family Gobiesocidae Clingfishes

Species recognised in 2015:
Aspasmogaster sp. Kermadec clingfish
Dellichthys morelandi Briggs, 1955 Urchin clingfish
Diplocrepis puniceus (Richardson, 1846) Orange clingfish
Gastrocyathus gracilis Briggs, 1955 Slender clingfish
Gastrocymba quadriradiata (Rendahl, 1926) Southern clingfish
Gastroscyphus hectoris (Günther, 1876) Hectors' clingfish
Haplocylix littoreus (Forster, 1801) Giant clingfish
Kopua nuimata Hardy, 1984 Bigeye clingfish
Modicus minimus Hardy, 1983 Pink clingfish
Modicus tangaroa Hardy, 1983 Eyespot clingfish
Trachelochismus melobesia Phillipps, 1927 Striped clingfish
Trachelochismus pinnulatus (Forster, 1801) Lumpfish
Trachelochismus sp.

3559 *Aspasmogaster hectorias*
Phillipps 1927b: 55

3560 *Aspasmogaster hectoris*
Waite 1907: 31
Phillipps 1927c: 14
Phillipps 1942a: 48, pl. 15

3561 *Aspasmogaster simus*
Waite 1907: 31
Phillipps 1927b: 55
Phillipps 1927c: 14

3562 *Crepidogaster hectori*
Sherrin 1886: 303

3563 *Crepidogaster hectoris*
Gunther 1876: 390, 396
Gunther 1877: 471
Hutton 1890: 281
Gill 1893: 120
Hutton 1896: 316
Hutton 1904c: 47

3564 *Crepidogaster simus*
Hutton 1896: 316
Hutton 1904c: 47
Regan 1914c: 21
Rendahl 1925: 8–9
Young 1929: 144
Phillipps 1942a: 48
Springer 1982: 44
Russell 1996: 215, 219, 224–225
Freeman & Tunnicliffe 1997: 7

3565 *Crepidogaster*
Gunther 1880b: 286

3566 *Cyclopterus littoreus*
Bloch & Schneider 1801: 199–200
Forster J.R. 1801: MS 2.27
Forster J.R. 1844: 114–115
Hutton 1877: 354

3567 *Cyclopterus pinnulatus*
Forster G [1772–1775]: 248
Forster J.R. 1844: 301–303

3568 *Dellichthys morelandi*
CLINGFISH, SUCKERFISH, URCHIN CLINGFISH
Briggs 1955: 14–15, 158, fig. 82
Whitley 1956b: 412

Moreton & Chapman 1968: 32
Morton & Miller 1968: 200, pl. 32
Whitley 1968a: 86
Dix 1969: 332–326
Böhlke & Robins 1970: 5
Russell 1971b: 88
Grace R 1972b: 187
Moreland 1974: 1539–1541
Gordon & Ballantyne 1976: 34
Francis M 1979: 66
Thompson 1981: 9, 18, 71–72 (figs), 316, 322
Ayling & Cox 1982: 133
Gunson 1983: 174
Kelly 1983: 122
Russell 1983: 123, 142
Bradstock 1985: 135
Paulin & Stewart 1985: 28
Roberts et al. 1986: 358
Roper 1986: 705–717
Hardy et al. 1987: 244
Jones G 1988: 453
Kingsford & Choat 1989: 288, 292
Paulin et al. 1989: 142, 257, fig. 70.6b
Hardy 1990: 9
Roberts C 1991: 17
Paulin & Roberts 1992: 51–52, figs 16a, b, pl. 7C
Paulin & Roberts 1993: 197
Francis M 1996a: 54
Paulin & Roberts 1998: 163, 170
Ryan & Paulin 1998: 131
Taylor & Willis 1998: 256
Willis 1995: 66

3569 *Diplocrepis puniceus*
CLING[-]FISH, ORANGE CLINGFISH, SUCKER, SUCKER FISH
Colenso 1844: 50
Gunther 1861: Vol. 3, 506–507
Hutton 1872: 40
Hutton 1875a: 133
Hutton 1876: 214
Gunther 1880b: 513, fig. 233
Ogilby 1886: 271
Sherrin 1886: 303
Hutton 1890: 281
Gill 1893: 120
Hutton 1904c: 47
Thomson G 1906: 551
Waite 1906: 205
Waite 1907: 31
Thomson & Anderton 1921: 95
Oliver 1923: 510, 513, pl. 42
Rendahl 1925: 8
Archey 1927: 200
Phillipps 1927b: 55
Phillipps 1927c: 14
Griffin 1928: 384–385, pl. 63
Young 1929: 144
Thomson G 1932: 23
Benham 1936: 26
Graham 1937: 30–40, pls. 9–13
Graham D 1938: 417
Graham D 1939b: 370–371, pl. 46–47
Phillipps 1948: 130
Whitley 1950b: 126
Powell 1951: 65, fig. 308
Laird 1953: 79, 82–83, 85–86, 101, 103, 105–107, 117, 121, 130, 132, 136–137, 139
Briggs 1955: 42–43
Whitley 1955: 119
Graham D 1956: 30, 32, 363, 365–372, 3 figs
Whitley 1956b: 413
Fell 1960: 20
Parrott 1960: 166–169, fig. 62
Doogue & Moreland 1961: 292–293, one fig.
Graham J 1963: 169
Moreland 1963: 56, one fig.
Heath & Moreland 1967: 20, fig. 27
Moreton & Chapman 1968: 32, fig. 8
Morton & Miller 1968: 200, fig. 114
Whitley 1968a: 87
Knox 1969c: 547, 549
Ruck 1971: 1
Hewitt & Hine 1972: 83
Ruck 1973b: 1–12, fig. 1, 2
Moreland 1974: 1539–1541
Francis M 1979: 66
Nicholson 1979: 137
Shuntov 1979: 69, *
Ruck 1980: 320, 323
Thompson 1981: 9, 17, 61–63 (figs), 65, 67, 338
Ayling & Cox 1982: 133, 134, pl. 8
Gunson 1983: 174, fig.
Bradstock 1985: 135, fig.
Davison 1985: 96–103, figs 1–3
Paulin & Stewart 1985: 28
Hine et al. 1987: 33
Andrews 1986: 155
Roper 1986: 705–717
Paulin et al. 1989: 142, 257, fig. 70.6a
Roberts C 1991: 2, 17
Paulin & Roberts 1992: 47–48, figs 13a, b, pl. 6E
Paul et al. 1993: 59, fig.
Paulin & Roberts 1993: 197
Francis M 1996a: 54
Willis & Roberts 1996: 333, 335
Paul & Heath 1997a: 21, fig.
Horwood et al. 1998: 22, *
Paulin & Roberts 1998: 170, 172
Taylor & Willis 1998: 256
Hayward et al. 1999: 183
Hickford & Schiel 1999: 296
Hine et al. 2000: 20

3570 *Diplocrepis tumidus*
CLING-FISH
Griffin 1928: 384–386, pl. 64
Powell 1941: 258
Powell 1951: 65

3571 *Diplocrepis*
Hewitt 1964d: 123
Natusch 1967: 233, fig. 74
Hutchins 1991: 468

3572 *Diprocrepis puniceus*
Steindachner 1901: 501
Whitley 1955: 115, 119

3573 *Gastrocyathus gracilis*
CLINGFISH, SLENDER CLINGFISH
Briggs 1955: 47, 158, fig. 87
Whitley 1956b: 413
Whitley 1968a: 87
Böhlke & Robins 1970: 6
Thompson 1981: 18, 60, 73–74, figs
Kingsford & Choat 1985: 625
Paulin & Stewart 1985: 28
Kingsford & Choat 1989: 288, 292
Paulin et al. 1989: 141, 257, fig. 70.5a
Hardy 1990: 9
Paulin & Roberts 1992: 48–49, figs 14a, b, pl. 7A
Paulin & Roberts 1993: 197
Francis M 1996a: 54
Willis & Roberts 1996: 333
Taylor & Willis 1998: 256

3574 *Gastrocyathus hectori*
HECTOR'S CLINGFISH
Moreland 1974: 1539–1541
Thompson 1981: 60

3575 *Gastrocymba quadriradiata*
CLINGFISH
Briggs 1955: 12
Whitley 1956b: 412
Whitley 1968a: 86
Springer & Fraser 1976: 2, 7
Robertson 1980a: 12
Paulin & Stewart 1985: 28
Hardy 1986c: 25, 33
Kingsford et al. 1989: 181
Paulin et al. 1989: 141, 257
Paulin & Roberts 1992: 19
Paulin & Roberts 1993: 198
Francis M 1996a: 42, 45, 54

3576 *Gastroscyphus gracilis*
SLENDER CLINGFISH
Moreland 1974: 1539–1541

3577 *Gastroscyphus hectorias*
Moreland 1957: 34
Graham J 1963: 169

3578 *Gastroscyphus hectoris*
CLINGFISH, HECTOR'S CLINGFISH
Briggs 1955: 46
Whitley 1956b: 413
Whitley 1968a: 87
Francis M 1979: 66
Paulin & Stewart 1985: 28
Paulin et al. 1989: 141, 257, fig. 70.5b
Roberts C 1991: 17
Paulin & Roberts 1992: 44–45, figs 11a, b, pl. 6D
Paulin & Roberts 1993: 197
Francis M 1996a: 54
Willis & Roberts 1996: 333–336, 340, fig. 2
Paulin & Roberts 1998: 170
Hayward et al. 1999: 183

3579 *Gobiesox littoreus*
Richardson & Gray 1843: 225
Richardson J 1843a: 28
Gill 1893: 96

3580 *Haplocylix littoreus*
CLINGFISH, GIANT CLINGFISH, GREATER CLINGFISH
Briggs 1955: 21–22
Whitley 1956b: 413
Whitley 1968a: 87
Böhlke & Robins 1970: 6
Moreland 1974: 1539–1541
Francis M 1979: 66
Wheeler 1981: 798
Paulin & Stewart 1985: 28
Andrews 1986: 26, 30
Paulin et al. 1989: 141, 257, fig 70.2a
Paulin & Roberts 1992: 42–43, figs 10a, b, pl. 9A, B, C
Paulin & Roberts 1993: 197
Willis 1995: 66
Francis M 1996a: 54
Willis & Roberts 1996: 333
Paulin & Roberts 1998: 170
Taylor & Willis 1998: 256

3581 *Happlocylix littoreus*
GREATER CLINGFISH
Thompson 1981: 60

3582 *Lepadogaster puniceus*
Richardson J 1846: iii, 71–72, pl. 43
Phillipps 1947: 47

3583 *Kopua nuimata*
Hardy 1984a: 244–247, figs 1–5
Paulin & Stewart 1985: 28
Paulin et al. 1989: 141, 257, fig. 70.3a
Hardy 1990: 9
Hutchins 1991: 463, 467–468, fig. 1
Roberts C & Paulin 1997: 215

3584 *Lepadogaster pinnulatus*
Bloch & Schneider 1801: 2–3
Forster J.R. 1801: MS 4.15
Richardson & Gray 1843: 225
Richardson J 1843a: 27–28
Gill 1893: 96

3585 *Modicus minimus*
Hardy 1983c: 863–868, figs 1–5
Paulin & Stewart 1985: 29
Paulin et al. 1989: 142, 257, fig. 70.6c
Hardy 1990: 9
Roberts C & Paulin 1997: 216

3586 *Modicus tangaroa*
Hardy 1983c: 863–868, fig. 4
Paulin & Stewart 1985: 29
Paulin et al. 1989: 142, 257
Hardy 1990: 9
Roberts C & Paulin 1997: 215

3587 *Modicus*
Hutchins 1991: 467

3588 *Oliverichtus melobesia*
CLINGFISH
Whitley & Phillipps 1939: 236, pl. 22
Laird 1953: 79, 82–3, 85–6, 89–90, 93–94, l06–108, 117, 121, 130, 136–137, 140

3589 *Trachelochismus guttulates*
Hutton 1890: 281

3590 *Trachelochismus guttulatus*
Hutton 1872: 41
Sherrin 1886: 303
Gill 1893: 120
Russell 1996: 215, 219, 224

3591 *Trachelochismus linnulatus*
LUMPFISH
Parrott 1960: 167–9, fig. 63

3592 *Trachelochismus litoreus*
Gill 1893: 94–95, 101

3593 *Trachelochismus littoreus*
CLINGFISH
Hutton 1904c: 47
Waite 1907: 31
Phillipps 1927b: 55
Phillipps 1927c: 14
Graham D 1938: 418
Phillipps 1948: 130

3594 *Trachelochismus melobesia*
BARRED CLINGFISH, CLINGFISH, LUMPFISH, STRIPED CLINGFISH, STRIPED LUMPFISH
Phillipps 1927a: 130–131, pl. 5
Whitley & Phillipps 1939: 236
Briggs 1955: 20, fig. 19
Whitley 1956b: 413
Graham J 1963: 169
Moreton & Chapman 1968: 32
Morton & Miller 1968: 200, pl. 32
Whitley 1956b: 413
Whitley 1968a: 87
Knox 1969c: 547, 549
Böhlke & Robins 1970: 5–6
Grace R 1971: 130
Ruck 1971: 1–9, fig. 1–4
Hewitt & Hine 1972: 98
Ruck 1973b: 1
Moreland 1974: 1539–1541
Francis M 1979: 66
Nicholson 1979: 137
Ruck 1980: 320
Housley et al. 1981: 38
Thompson 1981: 9, 18, 61, 69–71 (figs)
Ayling & Cox 1982: 133
Gunson 1983: 174
Russell 1983: 123
Hardy 1983c: 863
Paulin & Stewart 1985: 29
Roper 1986: 705–717
Hardy et al. 1987: 244
Jones G 1988: 453
Kingsford & Choat 1989: 288, 292
Paulin et al. 1989: 142, 257, fig. 70.7b
Paulin & Roberts 1992: 49–50, figs 15a, b, pl. 7B
Paulin & Roberts 1993: 197
Francis M 1996a: 54
Paulin & Roberts 1998: 163, 170, 172
Hickford & Schiel 1999: 296, fig. 3
Hine et al. 2000: 27

3595 *Trachelochismus melobesius*
Hardy 1990: 9

3596 *Trachelochismus pinnatulus*
Rendahl 1925: 8

3597 *Trachelochismus pinnulatis*
Young 1929: 144

3598 *Trachelochismus pinnulatus*
LUMP[-]FISH
Gunther 1861: Vol. 3, 509–510
Hutton 1872: 40–41
Hutton 1873b: 265
Hutton 1875a: 133
Hutton 1876: 214
Sherrin 1886: 303
Hutton 1890: 281
Gill 1893: 94, 101, 120
Hutton 1904: 47
Waite 1907: 31
Thomson G 1913: 230
Thomson & Anderton 1921: 95
Oliver 1923: 510
Phillipps 1927: 55
Phillipps 1927c: 14
Fowler 1928: 447
Powell 1937a: 380, 384
Graham D 1938: 418
Whitley 1950b: one fig.
Whitley 1951: 404–405, fig. 11
Graham D 1956: 370–372, one fig.
Whitley 1956b: 412

Briggs 1955: 19–20, fig. 18
Graham J 1963: 169
Moreton & Chapman 1968: 32
Morton & Miller 1968: 200, 578, fig. 35
Whitley 1968a: 87
Knox 1969c: 547, 549
Ruck 1971: 1
Grace R 1973: 17
Ruck 1973b: 1–12, fig. 3, 4
Webb 1973f: 307, 310
Moreland 1974: 1539–1541
McDowall 1976: 27
Springer & Fraser 1976: 2–11, figs 2–6
Francis M 1979: 66
Shuntov 1979: 69, *
Ruck 1980: 320
Thompson 1981: 9, 18, 61, 65–67 (figs), 69
Wheeler 1981: 797–798
Springer 1982: 44
Russell 1983: 123
Hardy 1983c: 863
Eldon & Kelly 1985: 23
Paulin & Stewart 1985: 29
Andrews 1986: 30
Hardy 1986c: 25
Hardy et al. 1987: 244
Paulin et al. 1989: 142, 257, fig. 70.7a
Roberts C 1991: 17
Paulin & Roberts 1992: 45–46, figs 12a, b, pl. 6F
Paulin & Roberts 1993: 197
Willis 1995: 66
Francis M 1996a: 54
Russell 1996: 225
Willis & Roberts 1996: 333–336, fig. 2
Paulin & Roberts 1998: 163, 170, 172
Hayward et al. 1999: 183
Hickford & Schiel 1999: 296

3599 *Trachelochismus*
LUMP FISH
Hutton 1872: xi
Hutton 1873a: 241
Hutton 1874b: 86
Gunther 1880b: 513
Sandager 1888: 130
Howell 1966b: 5, 24–25, 27, 31–32, 38
Natusch 1967: 233
Hutchins 1991: 467

3600 *Trachelochismus* sp.
Roberts et al. 1986: 358
Hayward et al. 1999: 183

3601 CLINGFISH
Boulenger 1932: 708
Moreland 1965: 126
Paul 1966c: (1) 678
Paul 1986: 135

3602 GOBIESCOCID
Kingsford & Choat 1989: 288, 291

3603 LUMP FISH
Graham D 1939a: 433

Family Callionymidae Dragonets

Species recognised in 2015:
Callionymus cf. *scaber* McCulloch, 1926 Yellow dragonet
Foetorepus cf. *calauropomus* (Richardson, 1844) Australian dragonet
Foetorepus cf. *phasis* (Günther, 1880) Orange dragonet

3604 *Callionymus phasis*
McCann 1972: 632–634, figs 16, 17
Ayling & Cox 1982: 284–285, fig.

3605 *Calliurichthys scaber*
Paulin & Stewart 1985: 52
Paulin et al. 1989: 223, 264, fig. 155.2a

3606 *Foetorepus calauropomus*
Paulin & Stewart 1985: 52
Paulin et al. 1989: 223, 264

3607 *Foetorepus phasis*
Last et al. 1983: 480–481
Paulin & Stewart 1985: 52
Paulin et al. 1989: 223, 264, pl., p. [194b]

3608 *Foetorepus phasus*
DRAGONET
Paul 1986: 116, fig.
Paul 2000: 116, fig.

3609 *Foetorepus* sp.
Paulin & Stewart 1985: 52
Paulin et al. 1989: 264

3610 *Synchiropus phasis*
Fricke 1981: 27–32, figs 3–5

3611 *Yerutius phasis*
DRAGONET
Whitley 1968a: 3, 71
JFA 1972: *
JAMARC 1975: 15, *
Ayling & Cox 1982: 284

Family Draconettidae Deepsea dragonets

Species recognised in 2015:
Centrodraco nakaboi Fricke, 1992 Nakobo's deepwater dragonet

No pre-2000 references found.

Family Eleotridae Sleepers, bullies

Mostly freshwater, some estuarine or marine. See McDowall (1964, 1990, 2011).
Species recognised in 2015:
Gobiomorphus alpinus Stokell, 1962 Tarndale bully
Gobiomorphus basalis (Gray, 1842) Crans' bully
Gobiomorphus breviceps (Stokell, 1939) Upland bully
Gobiomorphus cotidianus McDowall, 1975 Common bully
Gobiomorphus gobioides (Valenciennes, 1837) Giant bully
Gobiomorphus hubbsi (Stokell, 1959) Bluegill bully
Gobiomorphus huttoni (Ogilby, 1894) Redfin bully
Grahamichthys radiatus (Valenciennes, 1837) Grahams' gudgeon
Thalasseleotris iota Hoese & Roberts, 2005 Pygmy sleeper

3612 *Eleotris basalis*
Richardson & Gray 1843: 212

3613 *Eleotris gobioides*
Richardson & Gray 1843: 212

3614 *Eleotris radiata*
Richardson & Gray 1843: 212
Roberts C & Paulin 1997: 212

3615 *Gobiomorphus gobioides*
BULLY, GIANT BULLY
Gill 1893: 119
Archey 1927: 197
Norman 1935: 3
Benham 1936: 26
Hewitt & Hine 1972: 85
Paulin & Stewart 1985: 52
Roberts C 1991: 19

3616 *Grahamichthys radiata*
GRAHAM'S GUDGEON
Ayling & Cox 1982: 286, fig.
Davison & Van Berkel 1985: 150
Kingsford 1985: 436
Paul & Heath 1985: 39, pl. 12
Paul 1986: 135
Kingsford 1988: 468
Kingsford & Choat 1989: 288, 293–294
Paulin et al. 1989: 224, 264, fig. 156.2
Hanchet 1991: 315
Roberts C 1991: 19
Paulin & Roberts 1992: 142–143, figs 77a, b, pl. 28E
Paul et al. 1993: 61, fig.
Paulin & Roberts 1993: 198
Moore et al. 1995: figs 12–14
Francis M 1996a: 54
Moore & Wakelin 1997: 19, 25
Paul & Heath 1997a: 80, fig.
Roberts C & Paulin 1997: 212
Paulin & Roberts 1998: 163, 171
Hickford & Schiel 1999: 296
Paul 2000: 135

3617 *Grahamichthys radiatus*
GRAHAM'S GUDGEON, MARINE BULLY
Graham D 1956: 320, one fig.
Whitley 1956b: 411
McDowall 1962: 5–7
McDowall 1965: 51–55, fig. 1–3
McDowall 1968c: 10
Whitley 1968a: 79
Baker 1971: 294
McDowall 1971: 731
Smith & Crossland 1978: 342
Crossland 1981a: 38, figs 44–45
Crossland 1982b: 39
McDowall 1984: 26, 29
Jones & Hadfield 1985: 480
Paulin & Stewart 1985: 53
Roper 1986: 705–717
Roberts C 1991: 10
Tricklebank et al. 1992: 269

3618 *Grahamichthys*
Whitley 1956a: 34, fig. 1

3619 *Gramhamichthys radiata*
MARINE BULLY
Knox 1969c: 549

3620 *Thalasseleotris* sp.
Ryan & Paulin 1998: 131

3621 BULLIES
Paul 1986: 135

Family Gobiidae Gobies

Species recognised in 2015:
Acentrogobius pflaumii (Bleeker, 1853) Confused goby
Arenigobius bifrenatus (Kner, 1865) Bridled goby
Eviota kermadecensis Hoese & Stewart, 2012 Feathery goby
Eviota exquisitus Whitley, 1950 Exquisite goby
Favonigobius lentiginosus (Richardson, 1844) Estuarine goby
Gobiopsis atrata (Griffin, 1933) Black goby
Gobiopterus semivestitus (Munro, 1949) Glass goby
Priolepis psygmophilia Winterbottom & Burridge, 1993 Kermadec goby

3622 *Acentrogobius lentiginosus*
GOBY
Whitley 1956b: 410
Whitley 1968a: 77
Ayling & Cox 1982: 285
Paulin & Stewart 1985: 53
Paulin et al. 1989: 225, 264
Taylor & Willis 1998: 258, fig. 2
Willis et al. 1999: 189

3623 *Arenigobius bifrenatus*
Willis et al. 1999: 189–192, fig. 1

3624 *Callogobius atratus*
GOBY
Griffin 1933a: 176–177, pl. 25
Powell 1941: 258
Laird 1953: 79, 82–83, 85, 103, 105, 136
Whitley 1956b: 410
Whitley 1968a: 77
Knox 1969c: 549
Hewitt & Hine 1972: 79
Moreland 1974: 1540–1541

3625 *Callygobius atratus*
BLACK GOBY
Ayling & Cox 1982: 285, pl. 41

3626 *Eviota* sp.
Francis M et al. 1987: 8
Paulin et al. 1989: 225, 264, fig. 157.2b
Francis M 1993b: 144
Francis M 1996a: 41, 54
Willis et al. 1999: 189

3627 *Favanigobius lateralis*
Paulin & Stewart 1985: 53

3628 *Favonigobius lateralis*
Norman 1935: 3
Allen et al. 1976: 430
Ayling & Cox 1982: 285
Paulin et al. 1989: 225, 264
Taylor & Willis 1998: 258, fig. 2
Willis et al. 1999: 189

3629 *Favonigobius obliquus*
GOBY
Whitley 1956b: 410
Whitley 1968a: 77

3630 *Gobiopsis atrata*
BLACK GOBY
Lachner & McKinney 1979: 3–5, figs 1–2
Paulin & Stewart 1985: 53
Paul & Heath 1985: 39, pl. 12
Hardy et al. 1987: 248
Paulin et al. 1989: 225, 264, fig. 157.3
Paulin & Roberts 1992: 17, 52–53, figs 17a, b, pl. 7D
Paul et al. 1993: 61, fig.
Paulin & Roberts 1993: 198
Francis M 1996a: 54
Willis & Roberts 1996: 333
Hickford & Schiel 1999: 296
Willis et al. 1999: 189
Hine et al. 2000: 21

3631 *Gobius amiciensis*
Gunther 1861: Vol. 3, 35
Hutton 1872: 29
Hutton 1873b: 263
Sherrin 1886: 302

3632 *Gobius lateralis*
Griffin 1927: 148–149, pl. 16

3633 *Gobius lentiginosus*
Richardson J 1846: 3, iii
Gunther 1861: Vol. 3, 20
Hutton 1872: 29
Gunther 1880b: 486, fig. 220
Sherrin 1886: 302
Hutton 1890: 280
Gill 1893: 119
Hutton 1904c: 46
Waite 1907: 27
Phillipps 1927b: 49
Phillipps 1927c: 14

3634 *Priolepis psygmophilia*
Francis M 1996a: 41, 54
Willis et al. 1999: 189

3635 *Priolepis* sp.
Francis M 1993b: 142

3636 GOBY
Thomson G 1872: 221
Paul 1986: 135

Family Microdesmidae Dart gobies

Species recognised in 2015:
Parioglossus marginalis Rennis & Hoese, 1985 Dart goby

No pre-2000 references found.

Family Ephippidae Spadefishes

Species recognised in 2015:
Platax teira (Forsskål, 1775) Blunthead platax

3637 *Platax teira*
TEIRA BATFISH
Francis M et al. 1999: 571, 573, 575, 582, fig. 5

Family Luvaridae Luvar

Species recognised in 2015:
Luvarus imperialis Rafinesque, 1810 Luvar

3638 *Luvaris imperialis*
Paulin & Stewart 1985: 55
Paulin et al. 1989: 232, 265, fig. 164.1, pl., p. [194b]

3639 *Luvarus imperialis*
LOUVAR, LUVAR, LUVARU, SILVER KING
Waite 1913c: 17, 20–21, pl. 6
Griffin 1922: 318
Phillipps 1927b: 46
Phillipps 1927c: 14
Whitley 1940b: 325–326
Phillipps 1941b: 244–245
Whitley 1956b: 410
Whitley 1968a: 73
Ayling & Cox 1982: 296, fig.
Paulin et al. 1982: 11, 15–16, fig. 3
Nishikawa 1987: 220, fig. 4

Family Zanclidae Moorish idol

Species recognised in 2015:
Zanclus cornutus (Linnaeus, 1758) Moorish idol

3640 *Zanclus canescens*
MOORISH IDOL
Paulin et al. 1989: 226, 264, fig. 159.1

3641 *Zanclus cornutus*
Francis M et al. 1987: 5, 8
Cole et al. 1992: 210
Francis M 1996a: 54

Family Acanthuridae Surgeonfishes

Species recognised in 2015:
Acanthurus dussumieri Valenciennes, 1835 Eyestripe surgeonfish
Acanthurus nigrofuscus (Forsskål, 1775) Brown surgeonfish
Acanthurus triostegus (Linnaeus, 1758) Convict surgeonfish
Naso unicornis (Forsskål, 1775) Bluespine unicornfish
Prionurus maculatus Ogilby, 1887 Spotted sawtail

3642 *Acanthurus dussumieri*
Francis M 1993b: 146
Francis M & Evans 1993: 132, 134
Francis M 1996a: 54
Francis M 1996b: 60, pl. 144
Francis M et al. 1999: 579, 581

3643 *Acanthurus triostegus*
Valenciennes 1835: Vol. 10, 197
Richardson & Gray 1843: 211
Richardson J 1843a: 22
Gunther 1861: Vol. 3, 327
Hutton 1872: 15
Hutton 1873a: 241
Hutton 1874b: 86
Sherrin 1886: 300
Hutton 1890: 278
Waite 1894: 217–218
Randall 1956: 173
Francis M 1991: 218
Francis M 1996a: 54

3644 *Harpurus fasciatus*
Forster J.R. 1801: MS 3, 22

3645 *Hepatus triostegus*
Fowler & Bean 1929: 249–253

3646 *Prionurus maculata*
SPOTTED SURGEONFISH
Ayling & Cox 1982: 286, fig.

3647 *Prionurus maculatus*
SURGEONFISH
Willan et al. 1979: 452–453, 457
Paulin & Stewart 1985: 53
Francis M et al. 1987: 5, 9
Paulin et al. 1989: 226, 264, fig. 158.1
Francis M 1996a: 41, 54
Francis M 1996b: 60, pl. 145
Francis M et al. 1999: 579, 581

3648 *Teuthis triostegus*
Gill 1893: 109, 115
McCulloch 1929: 272

Family Scombrolabracidae Black mackerel

Species recognised in 2015:
Scombrolabrax heterolepis Roule, 1921 Black mackerel

3649 *Scombrolabrax heterolepis*
BLACK ESCOLAR
Amaoka et al. 1990: 309, figs

Family Sphyraenidae Barracudas

Species recognised in 2015:
Sphyraena qenie Klunzinger, 1870 Blackfin barracuda
Sphyraena sp. Kermadec barracuda

3650 *Australuzza novaehollandiae*
Ayling & Cox 1982: 251, fig

3651 *Sphyraena acutipinnis*
Francis M 1993b: 142
Francis M 1996a: 41, 44, 54
Francis M et al. 1999: 579

3652 *Sphyraena* cf. *acutipinnis*
Francis M et al. 1999: 579

3653 *Sphyraena novaehollandiae*
SNOOK
Ayling & Cox 1982: 251, fig.
Last et al. 1983: 405, fig.
Paulin & Stewart 1985: 46
Paulin et al. 1989: 206, 262, fig. 139.1

3654 *Sphyraena obtusata*
PIKE, PIKE BARRACOUDA, SEA PIKE
Kirk 1880: 310, 1 fig.
Sherrin 1886: 303
Hutton 1890: 281
Gill 1893: 114
Hutton 1904c: 46
Waite 1907: 16
Phillipps 1927b: 30
Phillipps 1927c: 12
Fowler 1928: 130
McCulloch 1929: 121
Parrott 1960: 126
Ayling & Cox 1982: 250, pl. 26
Paulin & Stewart 1985: 46
Paul 1986: 113, fig.

3655 *Sphyraena grandisquamis*
PIKE, SEA PIKE
Whitley 1956b: 405
Parrott 1960: 125–127, fig. 45
Whitley 1968a: 50

3656 *Sphyraena waitei*
Paulin & Stewart 1985: 46

3657 *Sphyraena*
Hutton 1904c: 4
Natusch 1967: 217, fig. 67
Francis M et al. 1999: 581

3658 *Sphyraena* sp.
PIKE BARRACUDA
Paul 2000: 113, fig.

Family Gempylidae Snake mackerels, gemfishes

Species recognised in 2015:
Epinnula magistralis Poey, 1854 Domine
Gempylus serpens Cuvier, 1829 Snake mackerel
Lepidocybium flavobrunneum (Smith, 1843) Escolar
Nealotus tripes Johnson, 1865 False barracouta

Nesiarchus nasutus Johnson, 1862 Black barracouta
Paradiplospinus gracilis (Brauer, 1906) False frostfish
Rexea antefurcata Parin, 1989 Longfin gemfish
Rexea solandri (Cuvier, 1832) Gemfish
Ruvettus pretiosus Cocco, 1833 Oilfish
Thyrsites atun (Euphrasen, 1791) Barracouta
Thyrsitoides marleyi Fowler, 1929 Black snoek

3659 *Diplospinus multistriatus*
Parin et al. 1973: 151, *
JFA 1978: *

3660 *Eothyrsites holosquamatus* [Fossil]
Chapman 1934: 119–120, pl. 13 fig. 2, pl. 14 figs 3–5
Fordyce 1991: 1218

3661 *Gamylus serpens*
SCABBARD FISH
Webb 1972f: 87

3662 *Gempylus serpens*
SCABBARD FISH, SNAKE[-]MACKEREL
Waite 1913c: 17, 20
Phillipps 1927b: 48
Parin & Becker 1972: 151–157, figs 14, 15
Paulin & Stewart 1985: 53
Paul 1986: 122
Paulin et al. 1989: 228, 264, fig. 160.6a
Paulin et al. 1996: 4, fig.
Paul 2000: 122

3663 *Gempylus solandri*
Richardson & Gray 1843: 210
Richardson J 1843b: 24
Matsubara & Iwai 1952: 205
Parin 1989: 86, 90–95, fig. 2

3664 *Gempylus solandris*
Richardson J 1843a: 20

3665 *Jordanidia solandri*
BARRACOUDA, BARRACONGA, HAKE, KING BARRACOUTA, KINGFISH, N.Z. HAKE, SILVER KINGFISH, SILVER KING, SOUTHERN KINGFISH
Phillipps 1921a: 118, 124
Phillipps & Hodgkinson 1922: 94
Ayson 1924: 7
Phillipps 1926a: 527
Archey 1927: 199
Phillipps 1927b: 48
Phillipps 1927c: 13
Hefford 1936: 72, 74
Graham D 1938: 415
Phillipps 1941: 160
Phillipps 1947: 41, 50
Phillipps 1948: 130
Phillipps 1949c: 52–53, one fig.
Shorland 1950: 34, 38
Cunningham 1951: 75
Manter 1954: 558
Graham D 1956: 80
Kaberry 1957: 90
Moreland 1959: 29
Meglitsch 1960: 282, 284–285, 294, 296, 351–352
Doogue & Moreland 1961: 280–281, one fig.
Graham J 1963: 168
Moreland 1963: 48, one fig.
Anon. 1965: 16, fig. 24
McLintock 1966: (3) 708
Moreland 1966 (2) 229, one fig.
Paul 1966c: (1) 898
Tunbridge 1966a: 4–5, 8, 10–12, figs 2, 7
Gaskin & Cawthorn 1967: 156, 159–160, 162, 165, 173
Heath & Moreland 1967: 46, fig. 79
Hewitt 1968c: 1–2, 7
Tong & Elder 1968: 65–66
Sorenson 1970: 11, 54
JAMARC 1972: 10, *
Vooren & Tong 1973: 14
Vooren 1974: 18, 24, 43
Korea FRDA 1978: 65, *
McDowall 1979a: 208

3666 *Jordanidia*
SOUTHERN KINGFISH
Whitley 1929: 120
Natusch 1967: 226, fig. 70

3667 *Leionora atun*
BARRACOUTA
Knox 1969a: 517

3668 *Leionura atun*
BARRACOUTA
Stonehouse 1969: 520–521
Abe & Arai 1968: 142
Inoue, Arai & Abe 1968: 137, fig.
Gauldie 1988a: 395–396

3669 *Leionura (Thyrsites) atun*
BARRACOUTA
Jones J 1988a: 406, 408, 413

3670 *Leionura atun dentatus*
BARRACOUTA
Graham D 1956: 86, 103, 106–107, 109, 220, 230–231, 251, 257, 302, 310–317, 339, 352, 389, one fig.
Whitley 1956b: 410
Whitley 1968a: 75
Anderson A 1981a: 206, 214

3671 *Lepidocybium flavobrunneum*
ESCOLAR
Paulin & Habib 1980: 405–407, fig. 1
Nishikawa 1982: 11, figs
Paulin & Stewart 1985: 53
Paul 1986: 122, fig.
Clark M 1988: 419
Paulin et al. 1989: 227, 264, fig. 160.2
Nakamura & Parin 1993: 29–30, figs 56, 57
Paul 2000: 122, fig.

3672 *Machaerope latispinis*
Waite 1910b: 371, 375

3673 *Nealotus tripes*
Paulin et al. 1996: 4, fig.

3674 *Neolatus tripes*
Paulin & Stewart 1985: 53
Paulin et al. 1989: 228, 264, fig. 160.6b

3675 *Nesiarchus nasutus*
BLACK BARRACOUTA
Nakamura et al. 1981: 337–344, figs
Nakamura et al. 1983: 408, 413, fig. 4
Konovalenko & Parin 1985: 513–515, fig. 1
Paulin & Stewart 1985: 53
Clark & King 1989: 53
Paulin et al. 1989: 228, 264
Nakamura & Parin 1993: 35–36, figs 64, 65
Paulin et al. 1996: 4, fig.

3676 *Paradiplospinus* sp.
FALSE FROSTFISH
Paulin et al. 1989: 228, 264
Roberts C 1991: 19

3677 *Promethichthys prometheus*
KINGFISH
Gill 1893: 115
Hutton 1904c: 43
Thomson G 1906: 550
Waite 1907: 24
Waite 1909a: 58–59
Waite 1909b: 140
Waite 1911a: 50
Waite 1911b: 237

3678 *Promethichthys*
Waite 1911: 49

3679 *Rexea antefurcata*
Paulin et al. 1996: 41, fig.

3680 *Rexea furcifera*
HAKE, SOUTHERN KINGFISH,
Waite 1911a: 49
Waite 1911b: 157, 236–238, pl. 52
Waite 1912c: 320
Thomson G 1913: 229–230, 233
Phillipps 1918: 269
Thomson & Anderton 1921: 27, 71, 74, 78
Parin 1989: 86
Freeman & Tunnicliffe 1997: 9

3681 *Rexea prometheoides*
SOUTHERN KINGFISH
JAMARC 1976: 21, *
JAMARC 1979: 18, *
Paulin et al. 1989: 228, 264

3682 *Rexea solandri*
GEMFISH, HAKE, KING BARRACOUTA, SILVER KINGFISH, SOUTHERN KINGFISH
McCulloch 1929: 29
Whitley 1929: 121
Roughley 1951: 128
Graham D 1956: 220, 230, 258, 314–317, one fig.
Whitley 1956b: 410
Parrott 1957: 27, 43, 152, 154–155, 158, one fig.
Cowper 1958: 149
Dillon & Hargis 1965b: 225, 273
Whitley 1968a: 75
Sorenson 1970: 7, 11, 31, 32, 54, fig. 25
Shuntov 1971: 339, 340
Cunningham 1972: 4
Hewitt & Hine 1972: 95
Parin & Becker 1972: 128–130, figs
Castle 1975b: 1838–1840
Habib 1976a: 10
JFA 1977: 127
Fenaughty & O'Sullivan 1978: 14, 46, 47, 146
Mori et al. 1978: 363–367
Avdeev 1979: 116–126
Francis M 1979: 69
Francis R & Fisher 1979: 28
Kerstan & Sahrhage 1980: 14, 103–106, fig. 101
Shuntov et al. 1980: 35–36
Fenaughty & Bagley 1981: 9–10, 14, 32, 71–76, 108, 134, fig. 56
Flain 1981: 23
Thompson 1981: 272, 303
van den Broek et al. 1981: 138
Boldyrev et al. 1981: 91
Ayling & Cox 1982: 287, pl. 42
Pickston et al. 1982: 19
Last et al. 1983: 455, fig.
Paul et al. 1983: 14
JAMARC 1984: 8, 16, 25, 80–111, fig. 22
van den Broek et al. 1984: *
Vlieg 1984b: 427–434
Paulin & Stewart 1985: 53
Pilgrim 1985: 34
Andrews 1986: 13–14, 16, 58
Paul 1986: 121–122, figs
Hine et al. 1987: 45
Hurst & Bagley 1987: 43
Paulin 1987a: 19, fig.
Uozumi et al. 1987: 9, 11, 18–19, 48, figs 19, 46
Clark M 1988: 419

Fenaughty C et al. 1988: 14
Vlieg 1988: 16, 19, 27, 40, 48
Vlieg & Body 1988: 151–161
Clark & King 1989: 5, 31, 44, 53, 56, fig. 7
Fenaughty & Uozumi 1989: 36–37
Horn 1989: 11
Horn & Massey 1989: 7
Hatanaka et al. 1989A: 6, 10, 15, 17, 19, 52, fig. 31
Hatanaka et al. 1989B: 7, 31
Paulin et al. 1989: 228, 264
Amaoka et al. 1990: 304, fig.
Hurst et al. 1990: 5, 7, 14–15, 17, 28, 35–36, 40–41, 48–50, figs 14, 21
Jones J 1990b: 21
OECD 1990: 111, 125, 149
Roberts C 1991: 19
Paul 1992: 896
Robertson 1992: 81
Sin et al. 1992: 469, 470, 472, 474, 475
Leach & Boocock 1993: *
Nakamura & Parin 1993: 4, 20, 49–50, figs 88, 89
Paul et al. 1993: 113, fig.
Yano 1993b: 352
Paulin et al. 1996: 41, fig.
Anderson A 1997: 5, 8, 11, 12
Hickford et al. 1997: 253
Jerry 1997: 185
Leach 1997: * figs
Leach [et al. 1997A]: 60, 61, 63
McClatchie et al. 1997: 667
Paul & Heath 1997b: 77, fig.
Freeman 1998: 41
Horwood et al. 1998: 22, *
Jacob et al. 1998: 2126, 2135, 2137, 2138
Paulin 1998: 25, fig.
Paulin & Roberts 1998: 168
Renwick et al. 1998: 1655–1667, figs 1–7
Horn & Hurst 1999: 103–115, figs 1–9
Nakamura & Parin 1999: 3707, fig.
Weisler et al. 1999: 43
Gilbert et al. 2000: 455
Hine et al. 2000: 50
Paul 2000: 121–122, 214, figs

3683 *Rexea solandxi*
JAMARC 1975: 14, *

3684 *Rexea*
GEMFISH
Jones J 1990b: 9

3685 *Rexes solandri*
SOUTHERN KINGFISH
Japan, DSTA 1971: 64, *

3686 *Ruvettus pretiosus*
OILFISH
Doogue & Moreland 1961: 281, one fig.
Paulin & Habib 1980: 407
Ayling & Cox 1982: 288, fig.
Paulin & Stewart 1985: 53
Paul 1986: 122, fig.
Paulin 1987a: 19, fig.
Clark & King 1989: 53
Paulin et al. 1989: 227, 264, fig. 160.5
Anderson A 1997: 12
Paul 2000: 122, fig.

3687 *Ruvettus prometheus*
OIL FISH
McCann 1953: 1, 15–17, figs 16–18

3688 *Ruvettus tydemani*
Korotaeva 1971: 69–84

3689 *Ruvettus whakari*
OIL FISH
Griffin 1927: 146–148, pl. 15
Powell 1941: 259
Whitley 1951: 400
McCann 1953: 16
Whitley 1956b: 410
Whitley 1968a: 76

3690 *Ruvettus*
Summers et al. 1991: 5

3691 *Scomber atun*
Gill 1893: 97

3692 *Scomber dentatus*
Bloch & Schneider 1801: 24–25
Forster J.R. 1801: MS 2. 58
Cuvier & Valenciennes 1831: Vol. 8, 203

3693 *Scomber dentex*
Forster G [1772–1775]: 216
Richardson J 1843b: 23
Forster J.R. 1844: 141–142

3694 *Scomber macrophthalmus*
Richardson J 1843b: 24
Parkinson : 2.t. 91 = Vol. 2, No. 91
Solander : MS 21
Whitehead 1968: pl. 21
Parin 1989: 86

3695 *Semnisoma serpens*
SCABBARD FISH
Phillipps 1927c: 14

3696 *Thyrisites atun*
BARRACOUTA
Kilner & Akroyd 1978: 58–59
Eldon & Kelly 1985: 23

3697 *Thyristes atun*
BARRACOUTA
Francis RI 1985: 382, 384
Wharton et al. 1999: 643–648

3698 *Thyrsiites atun*
BARRACOUTA
Ayson 1924: 7

3699 *Thyrsites atum*
BARRACOUTA
Kagei et al. 1977: 1–13

3700 *Thyrsites atun*
BARRACOOTA, BARRACOUDA, BARRACOUTA, COUTA, SEAPIKE, SNOEK
Cuvier 1831: Vol. 8, 196–204, pl. 219
Richardson J 1842d: 120
Richardson & Gray 1843: 209–210
Richardson J 1843a: 20
Hector 1872: 109–110, pl. 3
Hutton 1872: 13–14
Mair 1873: 153
Hutton 1875a: 133
Thomson G 1877: 485
Thomson G 1878: 326
Thomson G 1879: 382
Gunther 1880b: 436–437
Hector 1884b: 54
Hector 1886a: 27–28
Sherrin 1886: 11–12, 300
Sandager 1888: 128
Hutton 1890: 278
Thomson G 1892: 208
Gill 1893: 94–95, 97, 115
Hutton 1904c: 43
Thomson G 1906: 550
Waite 1907: 24
Waite 1909a: 58
Waite 1911b: 159, 235, 246
Thomson G 1913: 229–230, 233
Regan 1914c: 16
Regan 1916a: 134, 144, 150, 152, pl. 8
McCulloch 1921: 139–141, pl. 24
Phillipps 1921a: 118, 124
Thomson & Anderton 1921: 70, 74, 78–79, 94
Phillipps & Hodgkinson 1922: 94
Phillipps 1926a: 528
Archey 1927: 199
Barnard 1927: 788–789, pl. 29
Phillipps 1927b: 47
Phillipps 1927c: 13
McCulloch 1929: 268–269
Young 1929: 147
Whitley 1931b: 153
Benham 1934: 30–31
Chapman 1934: 119
Norman 1935: 3
Norman 1937: 96–97, 144, fig. 48
Graham D 1938: 415
Graham D 1939b: 367–368
Johnston & Mawson 1943: 237, 240, 242
Phillipps 1947: 45
Phillipps 1948: 128, 130
Blackburn 1949: 1, 9, 11, 20–22, 27
Phillipps 1949c: 40, 52, one fig.
Blackburn 1950b: 110
Shorland 1950: 35, 38
Powell 1951: 71, fig. 336
Roughley 1951: 124
Manter 1954: 535, 540, 559
Hefford 1956: 72, 74
Kaberry 1957: 90
Parrott 1957: 27 116, 125, 151–155, one fig. pl. 8
Moreland 1959: 29
Robinson 1959a: 146, 150
Robinson 1959b: 381, 385
Blackburn 1960b: 15
Meglitsch 1960: 282, 284–285, 296, 333, 351
Parrott 1960: 164
Doogue & Moreland 1961: 253, 279–281, one fig.
Robinson 1961: 236–237, 263
Beaglehole 1962: 453, Vol. 1
Graham J 1963: 168
Hewitt 1963: 61, 82
Moreland 1963: 46, 48, one fig.
Street 1964: 4–9, 12, 14–19
Anon 1965: 15, fig. 9
Dillon & Hargis 1965b: 278
Nalbant 1965: 69, fig. 1
Baker 1966: 819–820
McLintock 1966: (3) 707
Powell 1966 (1) 160, one fig.
Tunbridge 1966a: 2, 4–5, 9–11, figs 2, 5
Wodzicki & Moreland 1966: 98
Beaglehole 1967: 808
Heath & Moreland 1967: 46, fig. 77
Natusch 1967: 226, fig. 70
Hewitt 1968: 1–2, 7
Hewitt 1968c: 2, 7
Tong & Elder 1968: 65–66
Mehl 1969: 389–394
Russell 1969: 110
Iwai et al. 1970: 9, pl. 1
Mehl 1970: 241–247
Shuntov 1970: 373–379
Shuntov & Demidenko 1970: 98
Sorenson 1970: 7, 11, 18, 41, 45, 52, fig. 3
York 1970: 10, 12
Grace R 1971: 135
Japan DSTA 1971: 64, *
Korotaeva 1971: 69–84
Mehl 1971: 300–317
Russell 1971a: 24
Russell 1971b: 88
Shuntov 1971: 339, 344
Baker 1972: 13
Cunningham 1972: 3
Hewitt & Hine 1972: 98
Japan, FSFRL 1972: 86, fig.
JFA 1972: *
Lapshina 1972: 39
Parin & Becker 1972: 143–147, figs 11–12
Slack 1972: 5–8
Watkinson & Smith 1972: 9, 32–33, 73, 85, 89

Webb 1972b: 3, 4, 7, 11, 14, 16
Webb 1972d: 15
Vooren & Tong 1973: 13–14
Waugh 1973: 254
Webb 1973f: 308
Eggleston & Waugh 1974: 27–34
Leont'eva et al. 1974: 116–121
Vooren 1974: 11, 18, 24, 32–33, 43
York & Fenaughty 1974: 444
Beurois 1975: 55
Castle 1975b: 1838–1840
JAMARC 1975: 14, *
Robertson 1975c: 14
Crawley & Wilson 1976: 12–13
Gordon & Ballantyne 1976: 30, 32
Habib 1976a: 10
Hinds 1976: 152
JAMARC 1976: 21, *
Slack 1976: 27, 28
Wei et al. 1976: 1–101, fig.
Waugh 1976a: 6, 18, 19
Avdeev 1978: 281
JFA 1978: *
Korea FRDA 1978: 64, *
Mori et al. 1978: 366
Fenaughty & O'Sullivan 1978: 14, 16, 19, 36, 40, 46, 146
Ford & Gauldie 1979: 273–276
Francis M 1979: 69
Francis R & Fisher 1979: 5, 6, 27, fig.
Leach 1979: 115, 121, fig. 4
Leach & Anderson 1979b: 6
Patchell 1979: 42
Robertson & Eggleston 1979: 30–34
Robertson & Francis 1979: 82
Robertson & Mito 1979: 417, 418, 420, fig. 2
Shuntov 1979: 71, *
Struik & Bray 1979: 31, 32
Francis R 1980: 98
Gauldie & Johnston 1980: 171, 177, 179
Kerstan & Sahrhage 1980: 7, 14, 97–103, fig. 94
Rohde et al. 1980: 2
Shuntov et al. 1980: 35–36, 39, 41–42, fig. 5
Anderson A 1981b: 145–158, figs 1–3
Boldyrev et al. 1981: 91
Crossland 1981a: 38
Fenaughty & Bagley 1981: 9–10, 16, 28–43, 71–77, 108, 111, 121, 134, 159, 160, 167, 168, fig. 56
Francis RI 1981: 25
Grabda & Ślósarczyk 1981: 93
JAMARC 1981a: 21, *
Sullivan 1981: 5, 11, 14, fig. 6
Thompson 1981: 21, 272, 275–276 (figs), 288, 295, 298, 301, 311–312
van den Broek et al. 1981: 138
Wheeler 1981: 797
Ayling & Cox 1982: 13, 287, pl. 42
Boustead 1982: 10
Crossland 1982b: 39, fig. 48
Edgar et al. 1092: 128, pl. 114
Patchell 1982: 8
Pickston et al. 1982: 19
Hauraki Gulf Maritime Park Board 1983: 50, 170
Hurst 1983: 27–29, figs 1–4
James 1983: 52
Kelly 1983: 56, 82, 124
Paul et al. 1983: 7–8, 14
Russell 1983: 135
Gauldie 1984a: 95, 99
Gauldie 1984b: 17
Hurst 1984a: 178, 183
Hurst 1984b: 188, 190, 192
JAMARC 1984: 8, 16, 25, 80–111, fig. 21
van den Broek et al. 1984: *
Vlieg 1984a: 99–104
Wierzbicka & Gajda 1984: 149–155
Jones & Hadfield 1985: 479–480, fig. 3
Paulin & Stewart 1985: 53
Pilgrim 1985: 29, 31, 34, 37
Wingham 1985: 233
Andrews 1986: 13–14, 16, 26–29
Gauldie et al. 1986: 93, fig. 4
Paul 1986: 120–121, figs
Hardy et al. 1987: 246
Hine et al. 1987: 44
Hurst & Bagley 1987: 5–8, 10–15, 20–22, 34–36, 39, 41, 43–44, figs 5, 13, 20–22
Patchell et al. 1987: 304, 309, 312
Paulin 1987a: 18, fig.
Uozumi et al. 1987: 7, 9, 11, 15–17, 45–46, figs 11–13, 38–41
Fenaughty C et al. 1988: 10, 21, 26, 31, 36, 41
Gauldie 1988d: 169–173
Hurst 1988: 4–43, figs 1–24
Sewell 1988: 10
Vlieg 1988: 15, 19, 23, 39, 48
Vlieg & Body 1988: 151–161
Walker 1988: 45–46
Fenaughty & Uozumi 1989: 5, 13, 17, 25–26, 36–37, figs 16, 27, 35
Hatanaka et al. 1989A: 5–7, 9–10, 13, 15, 17–19, 36, 52, figs 23–25, 56
Hatanaka et al. 1989B: 5, 7, 31
Hurst & Bagley 1989: 105–111, figs 1–3
Murdoch & Chapman 1989: 62
Paulin et al. 1989: 227, 264
Amaoka et al. 1990: 305–307, figs
Hatanaka 1990: 143
Hurst et al. 1990: 5, 7, 14–15, 17, 28–29, 35, 40–43, 48–50, figs 5, 15, 25
Murray 1990a: 745
van Heezik 1990a: 204
van Heezik & Davis 1990: 363
Roberts C 1991: 19
Carey 1992: 41, 45
Paul 1992: 896
Robertson 1992: 81
Sin et al. 1992: 469
Tricklebank et al. 1992: 269
Harris T 1993: 71

Leach & Boocock 1993: *
Nakamura & Parin 1993: 3, 54–55, figs 94, 95
Paul et al. 1993: 113, fig.
Hine & Jones 1994: 54
Hooper 1994: 222
Hickford & Schiel 1995: 221, figs 5, 7
Willis 1995: 68
Hickford & Schiel 1996: 671
Leach [et al. 1996A]: 1–25, figs 1–8
McClatchie [et al. 1996A]: 782, 786, figs 3, 4, 6
McClatchie [et al. 1996B]: 848, 849, 852, 854, 858, 860, 861, fig. 1, 3, 6–9, 11
Paulin et al. 1996: 4, fig.
Anderson A 1997: 2, 4–8, 11–14, 16, 18–20, 22, figs 2, 3
Hickford et al. 1997: 252, 255, 258, fig. 3
Leach 1997: * figs
Leach [et al. 1997A]: 60–63, 66, 67, 69, figs 2, 4
McClatchie et al. 1997: 653, 667
Moore & Wakelin 1997: 20
Paul & Heath 1997a: 81
Freeman 1998: 41
Horwood et al. 1998: 22, *
Jacob et al. 1998: 2119, 2125, 2126, 2131, 2134, 2135, 2137, 2138
O'Driscoll 1998: 19–24, figs 1–5
O'Driscoll & McClatchie 1998: 1295–1325, figs 1–11
Paulin 1998: 9, fig.
Paulin & Roberts 1998: 168
Fea et al. 1999: 147–160
Imber 1999: 207
Leach [et al. 1999B]: 11–30
Smith I 1999: 59, 60
Weisler et al. 1999: 43
Hine et al. 2000: 50, 83
James & Stahl 2000: 439, 442–444, 448
Paul 2000: 120–121, 213–214, figs
Petchey & Higham 2000: 135–150

3701 *Thyrsites atun altivelis*
Richardson & Gray 1843: 209

3702 *Thyrsites prometheoides*
Sandager 1888: 128, 132
Waite 1911a: 49

3703 *Thyrsites prometheus*
Hector 1884a: 322
Sherrin 1886: 300
Hutton 1890: 278
Regan 1916a: 144

3704 *Thyrsites*
Richardson J 1843b: 23
Jones J 1990b: 9, 21

3705 *Thysites atun*
Kawahara 1980: *

3706 GEMFISH
Boyce et al. 1986: 4, *
Clark I et al. 1988: 328

3707 HAKE
Polack 1838: 322
Hector 1872: 101
Hector 1884b: 54
Hector 1886a: 27
Sherrin 1886: 7
Thomson G 1901: 574
Waite 1911c: 265
Thomson G 1918: 136
Poata 1929: 14–17
Graham D 1939a: 423, 425, 430, 433
Cunningham 1949: 92
Graham D 1956: 28, 41
Dickinson 1958: 10–15
Banks in Beaglehole 1962: 7, Vol. 2
Moreland 1966: (2) 229
Paul 1966c: (1) 677

3708 BARRACOOTA, BARRACOUDA, BARRACOUTA
Hector 1872: 101, 112, 119
Robson 1876: 219
Thomson G 1877: 486, 488, 489
Thomson G 1878: 325, 327–328
Thomson G 1879: 383, 385–386
Arthur 1883a: 207
Hector 1884b: 322
Sherrin 1886: 7, 48, 94, 284, 294, 107–108
Thomson G 1892: 203–204
Henry 1896: 53–54
Thomson G 1898a: 577
Drummond & Hutton 1905: 71, 74
Hamilton A 1908: 41, fig. 36
Anderton 1910: 11
Waite 1911c: 265
Thomson G 1918: 137
McCulloch 1919: 175
Beattie 1920: 60
Thomson G 1924: 18
Young 1926a: 100–101
Young & Thomson 1927: 319
Thomson G 1928: 23
Best 1929: 37, 44–49
Thomson G 1932: 24
Benham 1934: 30
Benham 1935: 22
Fisher 1935: 293
Young 1935: 31
Graham D 1939a: 423–426, 428–429, 432–434
Benham 1940: 35
Cunningham M et al. 1949: 216
Dickinson 1958: 6, 10–15
Moreland 1961: 62
Wellman 1962: 56–57, 62, 64–65, 68, 71–72
Moreland 1966: (2) 229
Paul 1966c: (1) 677–678, 898

Sorensen 1969a: 3, 18, 20, 26
Sorensen 1969b: 27, 35–36, 41, 60
Leach 1981: 20
Struik 1983: 215–216, 218
Boyce et al. 1986: 4, 79, *
Bradford 1999a: *, fig. 21
Leach [et al. 1999A]: *
Leach & Davidson 2000b: 414, 415, 418, 420

3709 MANGA
Taylor 1855: 411

3710 SOUTHERN KING-FISH
Young & Thomson 1927: 319
Graham D 1939a: 428
Boyce et al. 1986: 4, *

Family Trichiuridae Scabbardfishes

Species recognised in 2015:
Aphanopus mikhailini Parin, 1983 Southern scabbardfish
Benthodesmus elongatus (Clarke, 1879) Bigeye scabbardfish
Benthodesmus tenuis (Günther, 1877) Scabbard fish
Benthodesmus tuckeri Parin & Becker, 1970 Tucker's scabbardfish
Lepidopus caudatus (Euphrasen, 1788) Frostfish

3711 *Benthodesmus elongatus*
BIGEYE SCABBARDFISH, SCABBARD FISH, SLENDER FROSTFISH
Gill 1893: 115
Waite 1912c: 320
Barnard 1927: 792
Tucker 1956: 88
Whitley 1956b: 410
Parin & Becker 1970: 352–353, 362
Ayling & Cox 1982: 288
Paulin & Stewart 1985: 54
Paul 1986: 123
Clark M 1988: 419
Clark & King 1989: 53, 56
Paulin et al. 1989: 229, 265, fig. 161.3a
Nakamura & Parin 1993: 74–75, figs 136, 137

3712 *Benthodesmus elongatus pacificus*
Parin & Becker 1972: 187–188, fig. 22

3713 *Benthodesmus tenuis*
SCABBARD FISH
Paulin et al. 1989: 229, 265, fig. 161.3b

3714 *Benthodesmus*
Whitley 1968a: 3

3715 *Benthodesmus* sp.
SLENDER FROSTFISH
Tracey et al. 1990: 34

3716 *Lepidopus caudatus*
FROST[-]FISH
Hector 1872: 109, pl. 3
Hutton 1872: 13
Hutton 1875a: 133
Robson 1876: 218–219
Thomson G 1877: 485
Thomson G 1878: 326
Thomson G 1879: 382
Gunther 1880b: 435–436, one fig.
Johnston 1883: 81
Lendenfeld 1883: 559–560
Arthur 1884: 157–158
Hector 1884b: 54
Lendenfeld 1884: 108–109
Robson 1885: 289–290
Hector 1886a: 27–28
Sherrin 1886: 29–33, 300
Gunther 1887a: 37–38, fig. 2
Parker 1888: 21
Hutton 1890: 278
Thomson G 1892: 207
Gill 1893: 115
Goode & Bean 1895: 203, fig. 213
Steindachner 1901: 500
Hutton 1904c: 43
Thomson G 1906: 550
Waite 1907: 24
Waite 1911b: 238–239
Malcolm 1912: 267–269
Regan 1914c: 16
Leiper & Atkinson 1915: 20
Regan 1916a: 134, 144–145, pl. 8
Phillipps 1921a: 118, 124
Thomson & Anderton 1921: 27, 79
Phillipps & Hodgkinson 1922: 94
Ayson 1924: 7
Archey 1927: 199
Barnard 1927: 791, pl. 30
Phillipps 1927b: 47
Phillipps 1927c: 14
McCulloch 1929: 267
Young 1929: 147
Phillipps 1932: 232
Hefford 1936: 72
Graham D 1938: 414
Phillipps 1947: 47
Powell 1951: 71–72, fig. 337
Manter 1954: 558
Whitley 1955: 115, 119
Tucker 1956: 93–95
Moreland 1959: 30
Robinson 1959a: 146, 147
Robinson 1959b: 381

Meglitsch 1960: 329–330
Doogue & Moreland 1961: 277, one fig.
Robinson 1961: 260, 263
Graham J 1963: 168
Hewitt 1963: 61, 108
Moreland 1963: 46, one fig.
Anon 1965: 15, fig. 20
McLintock 1966: (3) 708
Powell 1966: (1)757, one fig.
Heath & Moreland 1967: 46, fig. 78
Tong & Elder 1968: 65–66
Hewitt 1969a: 164
Iwai et al. 1970: 11
Sorenson 1970: 7, 25–26, 54, fig. 17
Japan DSTA 1971: 64, *
Hewitt & Hine 1972: 88
JAMARC 1972: 11, *
JFA 1972: *
Parin & Becker 1972: 114
Watkinson & Smith 1972: 49
Webb 1972b: 6, 11, 16
Webb 1972f: 87
Vooren & Tong 1973: 14
Webb 1974: 35
Castle 1975b: 1838–1840
JAMARC 1975: 14, *
Robertson 1975c: 15, fig. 9
JAMARC 1976: 21, *
Scott E 1976: 177–178
Wei et al. 1976: 1–101, fig.
Mikhaylin 1977: 201
Fenaughty & O'Sullivan 1978: 146
JFA 1978: *
Korea FRDA 1978: 66, *
Robertson 1978c: 280
Francis M 1979: 69
Francis R & Fisher 1979: 27, fig.
JAMARC 1979: 18, *
Leach 1979: 124
McDowall 1979a: 208
Kawahara 1980: *
Kerstan & Sahrhage 1980: 14, 106–109, fig. 105
Robertson 1980b: 129–136, fig. 1
Grabda & Ślósarczyk 1981: 91
Robertson 1981: fig. 2
Ayling & Cox 1982: 15, 288, 289, fig.
Crossland 1982b: 39
Gunson 1983: 185–186, fig.
Parin & Mikhalin 1982: 27, 29
Paul et al. 1983: 15
van den Broek et al. 1984: *
Vlieg 1984b: 427–434
Jones J 1985: 236
Paulin & Stewart 1985: 54
Pilgrim 1985: 29, 32, 37
Paul 1986: 123, figs
Hine et al. 1987: 45
Hurst & Bagley 1987: 13, 43–44
Rosenblatt & Wilson 1987: 343–345, fig. 1
Paulin 1987a: 19, fig.
Vlieg 1988: 15, 19, 26, 40, 48
Vlieg & Body 1988: 151–161
Clark & King 1989: 5, 31, 53
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 228, 265, figs 161.1, 161.2
Amaoka et al. 1990: 308, figs
Hurst et al. 1990: 17, 49
Jones J 1990b: 21
Tracey et al. 1990: 34
Roberts C 1991: 3, 19
Jones J 1993: 23
Nakamura & Parin 1993: 4, 94–95, figs 178, 179
Paul et al. 1993: 113, fig.
Hooper 1994: 222
Hickford et al. 1997: 252
Leach 1997: * figs
McClatchie et al. 1997: 666
Paul & Heath 1997b: 78, fig.
Jacob et al. 1998: 2126, 2138
Paulin 1998: 24, fig.
Paulin & Roberts 1998: 169
Hine et al. 2000: 47
Paul 2000: 123, figs, 214

3717 *Lepidopus elongatus*
Clarke 1879a: 254–245, pl. 14
Sherrin 1886: 300
Gunther 1887a: 38
Gunther 1889: 7
Hutton 1890: 278
Hutton 1904c: 43
Waite 1907: 24
McCulloch 1929: 267

3718 *Lepidopus (Benthodesmus) elongatus*
Phillipps 1927b: 47
Phillipps 1927c: 14

3719 *Lepidopus lex*
FROST FISH
Phillipps 1932: 232
Phillipps 1949c: 51, one fig.
Whitley 1955: 119
Graham D 1956: 26, 306–309, one fig.
Tucker 1956: 95
Whitley 1956b: 410
Parrott 1960: 151–152, fig. 55
Whitley 1968a: 74
Korotaeva 1971: 69–84
Shuntov 1971: 339
Slankis & Korotaeva 1974: 124
Scott E 1976: 177–178
JFA 1977: 127
Mikhaylin 1977: 201
Shuntov 1979: 71, *

3720 *Lepidopus*
FROST FISH
Gunther 1880b: 281, 286

Goode & Bean 1895: 418
Waite 1913c: 18
Natusch 1967: 226, fig. 70

3721 *Scarcina elongata*
SLENDER FROSTFISH
Whitley 1968a: 74

3722 *Scarcina*
Whitley 1968a: 3

3723 *Trichiurus lepturus*
Gunther 1887a: 39

3724 FROST-FISH
Hector 1871: 136

Hector 1872: 101, 117
Thomson G 1877: 486
Haast 1878: 250
Thomson G 1878: 327–328
Thomson G 1879: 383, 385–386
Sherrin 1886: 7
Thomson G 1892: 203–204
Hector 1898b: 549
Drummond & Hutton 1905: 71, 73–74, fig. 4
Waite 1911c: 265
Best 1929: 48, 62
Poata 1929: 32
Boyce et al. 1986: 4, *

3725 PARA
Taylor 1870: 625

Family Scombridae Tunas

Species recognised in 2015:
Acanthocybium solandri (Cuvier, 1832) Wahoo
Allothunnus fallai Serventy, 1948 Slender tuna
Auxis rochei (Risso, 1810) Bullet tuna
Auxis thazard (Lacépède, 1800) Frigate tuna
Gasterochisma melampus Richardson, 1845 Butterfly tuna
Katsuwonus pelamis (Linnaeus, 1758) Skipjack tuna
Sarda australis (Macleay, 1881) Australian bonito
Scomber australasicus Cuvier, 1832 Blue mackerel
Thunnus alalunga (Bonnaterre, 1788) Albacore
Thunnus albacares (Bonnaterre, 1788) Yellowfin tuna
Thunnus maccoyii (Castelnau, 1872) Southern bluefin tuna
Thunnus obesus (Lowe, 1839) Bigeye tuna
Thunnus orientalis (Temmink & Schlegel, 1844) Pacific northern bluefin

3726 *Acanthocybium solandri*
WAHOO
Francis M et al. 1999: 571, 573, 578, 582, fig. 11

3727 *Allothunnus fallai*
FALLA'S TUNA, SLENDER TUNA, SLENDER TUNNY, TUNNY
Serventy 1948: 132–135, pl. 28–29
Whitley 1956b: 409
Parrott 1958: 26, 30–31, one fig.
Moreland 1959: 30
Jones & Silas 1964: 44
Talbot 1964: 190, 192
Whitley 1964: 224, 227
Smith 1965: 23
Tominaga 1966: 41, 44–48
Whitley 1968a: 72
Warashina & Hisada 1972: 51–75, figs
Scott E 1974a: 276
Collette & Chao 1975: 515–516, figs 2, 69
Roberts P 1975a: 2172–2176
Roberts P 1975b: 105–108, fig.
Roberts & James 1977: 163
Francis M 1979: 69
McDowall 1979a: 208
Cressey & Cressey 1980: 37
Thompson 1981: 272
Ayling & Cox 1982: 293–294, fig.
Collette & Nauen 1983: 26–27, figs
Last et al. 1983: 457–458, fig.
van den Broek et al. 1984: *
Vlieg 1984c: 435–438, figs 1–2
Paulin & Stewart 1985: 54
Pilgrim 1985: 31
Vlieg & Vlieg 1985: 187
Paul 1986: 129, fig.
Paulin 1987a: 35, fig.
Vlieg 1988: 18, 21, 35, 44, 49
Vlieg & Body 1988: 151–161
Paulin et al. 1989: 230, 265, fig. 162.6a
Roberts C 1989b: 399–403, figs 1, 2
Amaoka et al. 1990: 310, figs
Jones J 1990a: *
Murray 1990: 52
OECD 1990: 261
Roberts C 1991: 19
Yatsu 1995a: 1
Yatsu 1995b: 377, figs 1, 2
Jacob et al. 1998: 2126, 2127, 2135
O'Driscoll & McClatchie 1998: 1295–1325, figs 1–11
Paulin & Roberts 1998: 169

Hine et al. 2000: 53
Paul 2000: 129, fig., 221

3728 *Allothunnus falli*
SLENDER TUNA
Jones J 1990a: 215–218

3229 *Allothunnus*
Serventy 1948: 132, 135
Whitley 1964: 222, 227
Moreland 1965: 126

3730 *Auxis thazard*
FRIGATE MACKEREL, FRIGATE TUNA
Graham D 1938: 414
Graham D 1956: 304–306, one fig.
Whitley 1956b: 409
Parrott 1958: 26, 34–35, one fig.
Whitley 1964: 227, fig. 4
Paul 1966c: (3) 460
Roberts P et al. 1977: 163–167, figs 1, 2
Thompson 1981: 272
Ayling & Cox 1982: 293, fig.
Collette & Nauen 1983: 30–31, figs
Paulin & Stewart 1985: 54
Paul 1986: 128
Paulin et al. 1989: 230, 265, fig. 162.7
Paul 2000: 128

3731 *Cybium guttatum*
SPANISH MACKEREL, SPOTTED SPANISH MACKEREL
Hutton 1896: 315
Hutton 1904c: 45
Whitley 1936a: 39
Whitley 1956b: 410
Whitley 1964: 251
Whitley 1968a: 73
Roberts C 1989b: 400

3732 *Euthynnus pelamis*
BONITO, SKIPJACK
Phillipps 1927c: 13
McCulloch 1929: 262
Hefford 1936: 72
Slack 1969a: 2, 3

3733 *Casterochisma melampus*
Graham J 1963: 168

3734 *Gasterochisma melamphus*
BUTTERFLY TUNA
Wilkins & Sale 1982: 151–152, 189, 201–202

3735 *Gasterochisma melampus*
BLUESKIN, BUTTERFLY FISH, BUTTERFLY KINGFISH, BUTTERFLY MACKEREL, BUTTERFLY TUNA, SCALED TUNNY, SCALY TUNA, SPORTING TUNNY, TUNNY
Richardson J 1845: 346
Richardson J 1846: iii, 60, pl. 37
Gunther 1860: Vol. 2, 387
Hutton 1872: 20
Hutton 1874a: 104, pl. 18
Hutton 1875a: 133
Sherrin 1886: 301
Gill 1893: 115
Hutton 1904c: 45
Waite 1907: 24
Thomson G 1913: 230
Waite 1913a: 220–223, pl. 8
Waite 1913c: 19–20
Thomson & Anderton 1921: 79
Archey 1927: 199
Barnard 1927: 804
Phillipps 1927b: 45
Phillipps 1927c: 14
McCulloch 1929: 265
Whitley 1929b: 60–61
Norman 1937: 97
Graham D 1938: 414
Graham D 1956: 301–303, one fig.
Whitley 1956b: 410
Parrott 1957: 156–157, one fig.
Olsen 1958: 158
Parrott 1958: 25–26
Jones & Silas 1964: 10
Whitley 1964: 249, fig. 5
Tominega 1966: 41–44, 47–48, figs 1, 2
Whitley 1968a: 73
Brunton 1972: 375–378, figs 1, 2
Warashina & Hisada 1972: 51–75, figs
Roberts P 1975a: 2172–2176, fig.
Francis M 1979: 69
Thompson 1981: 272
Ayling & Cox 1982: 295, fig.
Roberts & Van Berkel 1982: 136
Collette & Nauen 1983: 37–38, figs
Paulin & Stewart 1985: 54
Andrews 1986: 155–156, fig.
Paul 1986: 128
Paulin et al. 1989: 229, 265, fig. 162.2
Amaoka et al. 1990: 311, figs
Jones J 1990a: 215–218, 222
Paulin & Roberts 1998: 169
Paul 2000: 128, 221

3736 *Gasterochisma*
BUTTERFLY FISH
Gunther 1860: Vol. 2, 387
Moreland 1965: 126
Natusch 1967: 224

3737 *Gastrochisma melampus*
Gunther 1880b: 455–456, fig. 204
Hutton 1890: 279

3738 *Germo alalunga*
LONG FINNED ALBACORE
McKenzie 1961 (3)b: 1–3, 6, 39, figs 1, 3, 10, 13, 15, 18, 20, 23

3739 *Germo germo*
LONG-FINNED ALBACORE
Griffin 1927: 140–141, pl. 12
Phillipps 1927b: 46
Hefford 1936: 72
Powell 1951: 70, fig. 330

3740 *Germo germon*
ALBACORE, LONG-FINNED ALBACORE
Waite 1913c: 17, 19
Drew 1918: 253
Thomson JA 1918a: 6–7, fig. 3
Phillipps 1921a: 118, 124
Phillipps & Hodgkinson 1922: 93
Phillipps 1927c: 14
Parrott 1958: 27–28, 41–43, one fig.

3741 *Germo germon steadi*
ALBACORE, LONGFINNED TUNA
Whitley 1956b: 409
Whitley 1964: 231, fig. 4
Whitley 1968a: 72

3742 *Gymnosarda pelamis*
BONITO
Waite 1907: 24
Phillipps 1921a: 118, 124
Phillipps & Hodgkinson 1922: 93

3743 *Katsuwonus pelamis*
BONITO, SKIPJACK, SKIPJACK TUNA, SKIPPER, STRIPED BONITO, STRIPED TUNA, STRIPED TUNNY, WATERMELON
Phillipps 1927b: 45
Powell 1951: 70, fig. 331
Doogue & Moreland 1961: 268, 272, 275, one fig.
McKenzie 1961(3)b: 1–3, 7, 39, figs, 1, 10, 12, 15, 17, 20, 22
Moreland 1961: 62, 84, one fig.
McKenzie 1964: 6, 8–10, figs 2–3
Whitley 1964: 232–233, fig. 3
Anon. 1965: 17, fig. 50
Beaglehole 1955: 166
Baker 1966: 820–821
Paul 1966c: (3) 460
Powell 1966: (1) 268, one fig.
Heath & Moreland 1967: 52, fig. 94
York 1969: 1–80
Sorenson 1970: 7, 12, 49–50, fig. 46a
Roberts 1971b: 11–14
Cunningham 1972: 3, 12
Hewitt & Hine 1972: 87
Roberts et al. 1972: 3–30, fig. 4
Watkinson & Smith 1972: 33–36, 76–77
Webb 1972d: 35–36
Webb 1972f: 1–105
Waugh 1973: 258, 276
Roberts 1974a: 461–469, figs 2–5
Roberts 1974b: 460
Webb 1974: 1, 42
York 1974: 470–480
York & Fenaughty 1974: 444, 447
Grace R 1975: 98
Roberts P 1975a: 2172–2176, fig.
Roberts P 1975b: 105
Roberts P 1975c: 3
Eggleston 1976a: 8–11
Fujino 1976: 1229–1235
Hinds 1976: 151
McDowall 1976: 27
Waugh 1976a: 19
Roberts et al. 1977: 165
York 1977: 2, 6, 20, 27, 30, 32, 42–49, 54, 61, fig 1
Clement 1978: 35–37, 42, fig. 1
Francis R 1978: 10–16
Habib & Cade 1978: 27, 31–33, fig. 6
Richardson B 1978: 63–64, fig. 1
Richardson & Lewis 1978: 145
Francis M 1979: 69
James & Habib 1979: 425
Robertson & Francis 1979: 82
Habib 1980a: 1–42, figs 2, 11, 13–15
Habib 1980b: 7–39
Habib et al. 1980c: 1–43, figs 2, 14, 16–19
Rohde et al. 1980: 2
Habib et al. 1981a: 1–52
Habib et al. 1981b: 3, 20
Ichikawa 1981: 3, 23–29
Sund et al. 1981: * figs
Thompson 1981: 272
Ayling & Cox 1982: 290, pl. 43
Bailey & Habib 1982: 3, 5
Crossland 1982a: 3–18
Habib et al. 1982: 3–5
Habib, Voss et al. 1982: 5, 7
Iwasa et al. 1982: 1–150
Paulin et al. 1982: 11
Wilkinson & Sale 1982: 64…90, 140…201
Argue & Kearney 1983: 1–68
Kleiber et al. 1983: 1–38
Kelly 1983: 82, 124
Richardson B 1983: 231–251
Vlieg et al. 1983: 243–250
Francis RI 1985: 376, 377
Paulin & Stewart 1985: 54
Pilgrim 1985: 29
Vlieg & Vlieg 1985: 187
Munro 1986: 1, 7
Paul 1986: 128, figs
Wells et al. 1986: 565–571
Hine et al. 1987: 46
Richardson & Habib 1987: 109–116, figs 1–4
Fenaughty C et al. 1988: 14, 22, 27, 32, 37
Jones J 1988a: 399, 400, 413
Vlieg 1988: 18, 21, 35, 44, 49
Vlieg & Body 1988: 151–161
Vlieg & Murray 1988: 493, 494
Paulin et al. 1989: 230, 265, fig. 162.8
Jones J 1990a: 215–218
Lester 1990: 856, 859
Smith 1990: 828

Murray 1990a: 737, 738, 745
Smith 1990: 828
West 1991: 1–26, figs
Robertson 1992: 81
Saul & Holdsworth 1992: 18
Gauldie 1993b: 162–170, figs
Paul et al. 1993: 131, fig.
Hine & Jones J 1994: 54
Wild & Hampton 1994: 1–51, *, figs
Paulin et al. 1996: 56, fig.
Anderson A 1997: 12, 13
Leach 1997: * figs
Paul & Heath 1997b: 81, fig.
Paulin 1998: 65, fig.
Faliex 1999: 606–607, fig. 1
Hine et al. 2000: 54
Paul 2000: 128, 220, figs

3744 *Katsuwonus pelamys*
SKIPJACK
Parrott 1958b: 37

3745 *Katsuwonus vagans*
STRIPED TUNA
Whitley 1956b: 409
Parrott 1958b: 26, 28, 36–37, one fig.
Whitley 1968a: 71

3746 *Katsuwonus*
BONITO, SKIPJACK
Natusch 1967: 224, fig. 70
Jones J 1990b: 14

3747 *Kishinoella tonggol*
NORTHERN BLUEFIN TUNA, NORTHERN-TUNA, NORTHERN TUNNY
McKenzie 1961 (3)b: 1–2, 4, 6, figs 1, 3–4
Moreland 1961: 85–86, one fig.
Anon. 1965: 17
Paul 1966c: (3) 460

3748 *Lepidothynnus huttonii*
SCALED TUNNY
Gunther 1889: 15–16, pl. 6
Hutton 1890: 279
Gill 1893: 115
Parker 1898b: 575
Hutton 1904c: 45
Waite 1907: 24
Thomson G 1913: 230
Waite 1913a: 220
Thomson & Anderton 1921: 79
Wilson 1937: 31
Whitley 1964: 250
Brunton 1972: 376

3749 *Lepidothynnus*
Waite 1913c: 20

3750 *Neothunnus itosibi*
YELLOWFIN TUNA, YELLOW FINNED ALBACORE
Whitley 1937c: 14
Powell 1937b: 80–81, pl. 17
Powell 1951: 69–70, fig. 328
Parrott 1958b: 38, 40

3751 *Neothunnus macropterus*
ALLISON'S TUNA, YELLOWFIN ALBACORE, YELLOWFIN TUNA, YELLOW FINNED TUNA, YELLOWFIN TUNNY
Whitley 1956b: 409
Parrott 1958b: 26, 28, 38–40, one fig.
Doogue & Moreland 1961: 270–271, one fig.
McKenzie 1961(3)b: 1–3, 6, 39, figs 1, 3, 10, 14–15, 19–20, 24
Moreland 1961: 82–84, one fig.
Whitley 1964: 234, fig. 3
McLintock 1966: (3) 709
Paul 1966c: (3) 460, one fig.
Whitley 1968a: 72
Russell 1971b: 87
Baker 1972: 13
Grace R 1973: 17
Waugh 1973: 276

3752 *Neothunnus*
Phillipps 1932: 231
Natusch 1967: 224

3753 *Neothynnus itosibi*
PACIFIC YELLOW-FINNED ALBACORE
Phillipps 1932: 231

3754 *Parathynnus obesus*
BIG-EYE TUNA
Webb 1972f: *

3755 *Pelamis chilensis*
James & Habib 1979: 425

3756 *Pneumatophorus australasicies*
ENGLISH MACKEREL, SOUTHERN MACKEREL
Phillipps 1927b: 45
Phillipps 1927c: 14

3757 *Pneumatophorus australasicus*
MACKEREL, SLIMY MACKEREL, SOUTHERN MACKEREL
Powell 1951: 70, fig. 332
Whitley 1956b: 410
Whitley 1964: 248
Whitley 1968a: 72

3758 *Pneumatophorus colias*
SOUTHERN MACKEREL
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3759 *Pneumatophorus japonicus*
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Paul 1966c: (1) 677, (3) 460
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3760 *Pneumatophorus*
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3761 *Pelamys chilensis*
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3762 *Sarda australis*
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Collette & Chao 1975: 599
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Thompson 1981: 272
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Collette & Nauen 1983: 50–51, figs
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3763 *Sarda chilensis*
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3764 *Sarda chiliensis*
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3765 *Scomber australasicus*
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Fenaughty C et al. 1988: 11
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3766 *Scomber australiasicus*
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3767 *Scomber japonica*
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3768 *Scomber japonicus*
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3769 *Scomber loo*
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3770 *Scomber novaezelandiae*
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3771 *Scomber pneumatophorus*
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3772 *Scomber scombrus*
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3773 *Scomber (Scombrus) solandris*
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3774 *Scomber splendens*
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3775 *Scomber*
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3776 *Scomber* sp.
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3777 *Scomberomorous guttates*
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3778 *Scomberomorus guttatus*
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3779 *Thinnus maccoyii*
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3780 *Thinnus phillippsi*
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3781 *Thunnus alalunga*
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3782 *Thunnus alalunga germo*
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3783 *Thunnus alatunga*
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3784 *Thunnus abesus*
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3785 *Thunnus albacares*
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Paul & Heath 1997b: 79, fig.
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3786 *Thunnus (Neothunnus) albacares*
YELLOWFIN TUNA
McKenzie 1964: 6, 8–9, figs 2–4

3787 *Thunnus albacores*
ALLISON'S TUNA, YELLOWFIN ALBACORE, YELLOWFIN TUNA
Moreland 1963: 18, 42, one fig.

3788 *Thunnus germo*
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McKenzie 1964: 6, 8, fig. 3

3789 *Thunnus maccoyi*
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Roberts P 1975c: 3, 9, 10
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Paulin 1987a: 35, fig.
Fenaughty C et al. 1988: 6, 15, 20
Jones J 1990a: 215–218, 222

3790 *Thunnus maccoyii*
SOUTHERN BLUEFIN, SOUTHERN BLUEFIN TUNA
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James & Habib 1979: 425
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Paulin & Stewart 1985: 54
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Murray et al. 1993: 183–188, figs 1–3
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Paulin et al. 1996: 57, fig.
Paul & Heath 1997b: 80, fig.
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Hine et al. 2000: 56
Paul 2000: 127, 220–221, figs

3791 *Thunnus obesus*
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Paulin & Stewart 1985: 54
Munro 1986: 1, 7
Paul 1986: 129, fig.
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Imber 1994: *
Paulin et al. 1996: 50, 56, fig.
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Paul 2000: 129, fig., 221

3792 *Thunnus phillippsi*
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3793 *Thunnus phillipsi*
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3794 *Thunnus thunnus*
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3795 *Thunnus thynnus*
BLUEFIN TUNA, NORTHERN BLUEFIN
Iwai et al. 1965: 40–43, figs 16, 17
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Shingu et al. 1974: 109–140, figs 1–4
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Bayliff 1994: *, figs
Smith et al. 1994: 113–117, figs 1, 2
Paulin et al. 1996: 57, fig.

3796 *Thunnus thynnus maccoyii*
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Jones & Silas 1964: 32
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3797 *Thunnus thynnus orientalis*
Collette & Smith 1981: 167, fig. 2

3798 *Thunnus tonggol*
NORTHERN BLUEFIN TUNA
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3799 *Thunnus tonggoll*
NORTHERN BLUEFIN TUNA
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3800 *Thynnus pacificus*
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3801 *Thunnus*
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Natusch 1967: 224, fig. 70

3802 *Thunnus*
ALBACORE TUNA
Jones J 1990b: 9

3803 *Thunnus*
SOUTHERN BLUEFIN TUNA
Jones J 1990b: 9

3804 *Thunnus* sp.
Anderson A 1997: 12
Roberts C 1991: 19
Waugh et al. 1999b: 216

3805 *Thynnus pelamys*
Hutton 1904c: 44

3806 *Thynnus*
Benham 1930: 428

3807 ALBACORE
Thomson G. 1919b: 17
Thomson & Anderton 1921: 17
Koto 1966: 43–53
Koto & Hisada 1967: 37–47
Roberts 1971a: 1–9
JAMARC 1982c: *
Boyce et al. 1986: 23, *
Northridge 1991: 55
Bradford 1999a: *, fig. 22

3808 BLUEFIN TUNA
Gaskin & Cawthorn 1967: 170

3809 BLUE MACKEREL
Boyce et al. 1986: 4, *
Bradford 1999a: *, fig. 19

3810 MACKAREL
Yate 1835: 71

3811 MACKEREL
Polack 1838: 322
Beaglehole 1955: 237

3812 MACAREL
Banks in Beaglehole 1962: 6, Vol. 2

3813 MACKEREL, TAWATAWA
Rochon 1783
Taylor 1855: 413
Taylor 1870: 623
Hector 1872: 100–101, 110
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Colenso 1892: 462, 467
Hector 1898d: 551
Hector 1902b: 564
Hamilton A 1908: 55
Waite 1911c: 265
Archey 1927: 203
Best 1929: 46
Wright 1955: 28
Graham D 1956: 41, 66, 72, 76, 79, 107, 165, 238, 389
Parrott 1958b: 49–50, 97, 99–100
Whitley 1964: 222–223
Sorensen 1965a: 24
Sorensen 1965c: 127–128
Paul 1966c: (1) 37–38

3814 SKIP-JACK
Dale 1791

3815 SKIPJACK
Roberts 1971a: 1–9
Boyce et al. 1986: 5, *
Bradford 1999a: *, fig. 22

3816 SLENDER TUNA
Northridge 1991: 55

3817 SOUTHERN BLUEFIN TUNA
Roberts 1971a: 1–9
Shingu & Hisada 1971: *
Hayashi 1974: *
Warashina & Hisada 1974: *
Takeuchi & Taneishi 1976: 639
Shingu 1978b: *
Hisada et al. 1979: 458
Bradford et al. 1982: 1515
Boyce et al. 1986: 23, *
Bartle 1990: 146–149
Bradford 1994: 396–401, figs 1–3

3818 TUNNY, TUNA
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Sherrin 1886: 39
Gascoyne 1895: 672
Parker 1898b: 575
Thomson G. 1919b: 17
Thomson & Anderton 1921: 17
Cunningham 1951: 75
Moreland 1959: 29
Moreland 1961: 59–60, 62, 68, 80–81
Moreland 1965: 126
Sorensen 1965a: 25
Cunningham 1966: (1) 679, 687
Paul 1966c: (1) 677
Boyce et al. 1986: 4, *

3819 YELLOWFIN
Roberts 1971a: 1–9

Family Istiophoridae Billfishes

Species recognised in 2015:
Istiompax indica (Cuvier, 1832) Black marlin
Istiophorus platypterus (Shaw, 1792) Sailfish
Kajikia audax (Philippi, 1887) Striped marlin
Makaira nigricans Lacépède 1802 Blue marlin
Tetrapturus angustirostris Tanaka, 1915 Shortbill spearfish

3820 *Histiophorus herschelli*
SWORDFISH
Sherrin 1886: 300
Thomson G 1890: 356, 369, 375
Hutton 1904c: 43
Thomson & Anderton 1921: 79, 88

3821 *Histiophorus herschelii*
SWORD-FISH
Hutton 1872: 14
Gill 1893: 115
Hutton 1890: 278
Hine et al. 2000: 57

3822 *Histiophonus herschelli*
Hutton 1876: 216–217

3823 *Histiophorus indicus*
SWORDFISH
Richardson 1673a: 21

3824 *Histiophorus*
Richardson & Gray 1843: 210
Hector 1869: 447
Knox 1870: 13–14, 398
Cheeseman 1876: 220

3825 *Istiompax australis*
BLACK MARLIN
Whitley 1931b: 148
Whitley 1956b: 410
Parrott 1958b: 54–61, 64, one fig., frontispiece pl.

3826 *Istiompax howardi*
HOWARD'S MARLIN
Whitley 1956b: 410
Parrott 1958b: 63–64, one fig.

3827 *Istiompax indica*
BLACK MARLIN
Paulin & Habib 1982: 36

3828 *Istiompax indicus*
BLACK MARLIN
Morrow 1959: 321–322
Doogue & Moreland 1961: 273–275, one fig.
Moreland 1961: 67–68, one fig.
Moreland 1963: 18, 44, one fig.
Morrow 1964: 436–437
Whitley 1964: 246, fig. 6
Anon. 1965: 16, fig. 30
Baker 1966: 818, 821
McLintock 1966: (3) 708
Powell 1966: (2) 503, one fig.
Heath & Moreland 1967: 54, fig. 99
Whitley 1968a: 74
Russell 1971b: 88
Cunningham 1972: 12
Watkinson & Smith 1972: 77, 79
Grace R 1973: 17
Baker A 1975b: 2687–2692

3829 *Istiompax mazara*
HOWARD'S MARLIN
Whitley 1968a: 74

3830 *Istiophorus gladius*
SWORDFISH, MARLIN
Phillipps 1926b: 536–537, pl. 92
Phillipps 1927c: 14

3831 *Istiophorus ludibundus*
SAILFISH
Whitley 1964: 245

3832 *Istiophorus orientalis*
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Moreland 1961: 70–71, one fig.
Heath & Moreland 1967: 54, fig. 100

3833 *Istiophorus platypterus*
SAILFISH
Watkinson & Smith 1972: 77
Baker A 1975b: 2687–2692
Ayling & Cox 1982: 299, pl. 44
Wilkins & Sale 1982: 193
Nakamura 1983: 277–286, figs 15–18
Nakamura 1985: 25, fig.
Paulin & Stewart 1985: 55
Paul 1986: 134, fig.
Paulin et al. 1989: 232, 265, fig. 165.2a
Francis M et al. 1999: 571, 573, 577–578, 582
Paul 2000: 134, fig., 221

3834 *Makaira ampla*
BLUE MARLIN
Rivas 1956: 70
Moreland 1960b: 247–249, fig. 1

3835 *Makaira audax*
STRIPED MARLIN
Doogue & Moreland 1961: 273–275, one fig.
Moreland 1961: 65–67, one fig.
Moreland 1963: 18, 44, one fig.
Anon 1965: 16, fig. 31
McLintock 1966: (3) 708
Powell (2): 503, one fig., pl. 87A
Heath & Moreland 1967: 54, fig. 98
York 1969: 11
Russell 1971b: 88
Watkinson & Smith 1972: 77
Grace R 1973: 17

3836 *Makaira herscheli*
Jordan & Evermann 1926: 53, 70

3837 *Makaira indica*
BLACK MARLIN
Mather 1976: 250
Crossland 1982a: 12
Wilkins & Sale 1982: 10…215, figs
Ayling & Cox 1982: 298–299, pl. 44
Gunson 1983: 188, fig.
Kelly 1983: 76–82, 124
Nakamura 1983: 334–341. figs 46–48
Nakamura 1985: 28, fig.
Paulin & Stewart 1985: 55
Paul 1986: 131, fig.
Wells et al. 1986: 565–571
Paulin et al. 1989: 233, 265, fig. 165.5b
Murray 1990a: 745
Saul & Holdsworth 1992: 17
Paul et al. 1993: 133, fig.
Paul & Heath 1997b: 86, fig.
Hine et al. 2000: 55
Paul 2000: 131, fig., 221

3838 *Makaira marlina*
BLACK MARLIN, N.Z. SWORDFISH
Shorland 1948b: 118
Shorland 1949b: 61
Lamonte 1955: 335
Moreland 1960b: 247
Hewitt 1964c: 85–86

3839 *Makaira mazara*
BLACK MARLIN, HOWARD'S MARLIN, INDO-PACIFIC BLUE MARLIN, SWORDFISH
Griffin 1927: 141–146, pl. 13

Phillipps 1927b: 47
McCulloch 1929: 266
Hefford 1936: 72
Phillipps 1940: 71–75, fig. 44
Shorland 1950: 35
Lamonte 1955: 338
Morrow 1959: 322–323
Whitley 1964: 247, fig. 6
Hewitt & Hine 1972: 89
Nakamura 1983: 322–329, figs 38–42
Nakamura 1985: 31, fig.
Paulin et al. 1989: 233, 265, fig. 165.5a
Paul & Heath 1997b: 86

3840 ***Makaira (Tetrapturus) mazara***
BLACK MARLIN
Lindauer 1935: 798

3841 ***Makaira mitsukurii***
SPEAR-FISH, STRIPED MARLIN, STRIPED MARLIN SWORDFISH, SWORDFISH
Jordan & Evermann 1926: 65
Griffin 1927: 141–146, pl. 14
Phillipps 1927b: 46
Whitley 1931b: 147–148
Hefford 1936: 72
Gregory & Conrad 1939: 443–444, 448–450, 452–469 fig. 1, pl. 6
Phillipps 1940: 71–73, fig. 43
Morrow & Mauro 1950: 108–116
Shorland 1950: 35, 38–39
Powell 1951: 71, fig. 335
Morrow 1952a: 53–58
Morrow 1952b: 143–145
Lamonte 1955: 324, 329, 334–335, 351, pl. 8
Morrow 1959: 72–87
Wisner 1957: 60
Moreland 1960b: 247, fig. 1
Hewitt 1964c: 85–86
Jones & Silas 1964: 76
Hewitt & Hine 1972: 89
Webb 1972f: 82

3842 ***Makaira mitsukurii zelandica***
Whitley 1929a: 101

3843 ***Makaira (Tetrapturus) mitsukurii***
STRIPED MARLIN
Lindauer 1935: 797

3844 ***Makaira nigricans***
BLUE MARLIN, BLACK MARLIN, PACIFIC BLUE MARLIN
Gregory & Conrad 1939: 443
Doogue & Moreland 1961: 273–275, one fig.
Moreland 1961: 68–70, one fig.
Morrow 1964: 438
Anon. 1965: 16, fig. 29
Baker 1966: 818, 821
Russell 1971b: 88
Cunningham 1972: 12
Watkinson & Smith 1972: 77, 79
Grace R 1973: 17
Baker A 1975b: 2687–2692
Mather 1976: 250
Paulin 1978: 491
Ayling & Cox 1982: 298, fig.
Wilkins & Sale 1982: 29…215
Kelly 1983: 76–82, 124
Davie & Daxboeck 1984: 1886–1888
Paul 1986: 133, fig.
Wells et al. 1986: 565–571
Saul & Holdsworth 1992: 17
Paul & Heath 1997b: 86
Paul 2000: 133, fig., 221

3845 ***Makaira nigicans marlina***
BLACK MARLIN, PACIFIC BLACK MARLIN
Gregory & Conrad 1939: 443–456, fig. 1
Powell 1951: 719 fig. 334

3846 ***Makaira zelandica***
ARCHEY'S MARLIN, N.Z. MARLIN
Jordan & Evermann 1926: 51, 65–66, pl. 19
Phillipps 1927b: 47
Powell 1941: 239, 259
Lamonte 1955: 335
Whitley 1964: 245, fig. 6

3847 ***Makaira***
Phillipps 1947: 49
Gaskin & Cawthorn 1967: 167
Natusch 1967: 226, fig. 70

3848 ***Marlina audax zelandica***
STRIPED MARLIN
Whitley 1964: 245–246, fig. 6

3849 ***Marlina mitsukurii***
Lamonte 1955: 335

3850 ***Marlina zelandica***
STRIPED MARLIN, STRIPED MARLIN SWORDFISH
Whitley 1931b: 147–148
Whitley 1937c: 14, 16
Whitley 1940a: 119
Lamonte 1955: 336
Whitley 1956b: 410
Parrott 1958: 53, 56–57, 59–62, one fig. pl. 1
Whitley 1968a: 74

3851 ***Marlina***
STRIPED MARLIN SWORDFISH
Whitley 1929: 101

3852 ***Tetrapturus angustirostris***
PACIFIC SHORTBILL SPEARFISH, SHORTBILL SPEARFISH, SHORTNOSE SPEARFISH, SLENDER SPEARFISH
Moreland 1975: 289–291, fig. 8
Baker A 1975b: 2687–2692

Nakamura 1978: 331
Wilkins & Sale 1982: 33–34, 189, 194, 212
Ayling & Cox 1982: 298, fig.
Nakamura 1983: 294–299, figs 23–25
Nakamura 1985: 39, fig.
Paulin & Stewart 1985: 55
Paul 1986: 134, fig.
Paulin et al. 1989: 233, 265, fig. 165.4a
Saul & Holdsworth 1992: 17
Paul 2000: 134, fig., 221

3853 *Tetrapturus audax*
STRIPED MARLIN
Honma & Kamimura 1958: 12–21
Kamimura & Honma 1958: 1–11
Morrow 1964: 429–433
Baker 1966: 818, 820
Baker 1972: 13
Cunningham 1972: 12
Watkinson & Smith 1972: 77, 79
Waugh 1973: 258
Baker A 1975b: 2687–2692
Ueyanagi & Wares 1975: 132–159
Mather 1976: 250
Habib et al. 1980c: 26
van den Broek et al. 1981: 138, 144, fig. 2
Ayling & Cox 1982: 297, pl. 44
Crossland 1982a: 12
Wilkins & Sale 1982: 9…210, figs
Hauraki Gulf Maritime Park Board 1983: 170
Kelly 1983: 76–82, 124
Nakamura 1983: 314–321, figs 35–7
Nakamura 1985: 41, fig.
Paulin & Stewart 1985: 55
Wells & Davie 1985: 643–646, figs 1–2
Paul 1986: 132, fig.
Wells et al. 1986: 565–571
Fenaughty C et al. 1988: 5, 14, 20
Paulin et al. 1989: 233, 265, fig. 165.4b
Davie & Hall 1990: 287–294, figs 1–4
Murray 1990a: 745
Squire & Suzuki 1990: 67–80
Paul 1992: 897
Saul & Holdsworth 1992: 5, 14, 15, 23, figs 12, 13
Paul et al. 1993: 133, fig.
Paul & Heath 1997b: 85, fig.
Hine et al. 2000: 55
Paul 2000: 132, figs, 221

3854 *Tetrapturus brevirostris*
Goode 1882: 419

3855 *Tetrapturus indicus*
Goode 1882: 433
Waite 1907: 25

3856 BLACK MARLIN
Anon. n.d. 1947?b: 23, 28
Sorenson 1965c: 128
Cunningham 1966: (1) 679

3857 BLUE MARLIN
Cunningham 1966: (1) 679

3858 MARLIN
Roughley 1951: 274
Wisner 1957: 61, 65
Moreland 1959: 29
Doogue & Moreland 1961: 286
Moreland 1961: 59–70
Phillipps 1964: 74
Moreland 1965: 126
Cunningham 1966: (1) 679
Paul 1966c: (1) 677, (3) 460
Powell 1966: (1) 247
Heath & Moreland 1967: 52
Doak 1975a: 1742
Boyce et al. 1986: 4, *

3859 STRIPED MARLIN
Anon. n.d. (1947?)b: 23, 28
Sorensen 1965c: 128, 1 plate
Cunningham 1966: (1) 679

Family Xiphiidae Swordfishes

Species recognised in 2015:
Xiphias gladius Linnaeus, 1758 Swordfish

3860 *Xiphias estara*
BROAD-BILLED SPEARFISH, BROAD-BILLED SWORDFISH, SPEAR FISH, SWORDFISH
Phillipps 1932: 231
Phillipps 1940: 75–76, fig. 45
Phillipps 1947: 46
Graham D 1956: 75
Whitley 1956b: 410
Parrott 1958b: 46
Whitley 1968a: 74
Scott E 1971: 139

3861 *Xiphias gladius*
BROAD-BEAK SWORD FISH, BROADBILL, BROADBILL[-]SWORDFISH, SPEAR FISH, SWORD FISH, TRUE SWORDFISH
Knox 1870: 14, pl. 1
Hutton 1876: 211
Goode 1882: 428–429, 431
Hutton 1890: 278
Thomson G 1890: 367, 375
Gill 1893: 115
Hector 1898d: 551
Hutton 1904c: 43
Waite 1907: 25

Jordan & Evermann 1926: 71
Phillipps 1926b: 535–536, pl. 91
Barnard 1927: 805–806, fig. 27
Phillipps 1927b: 46
Phillipps 1927c: 14
McCulloch 1929: 266
Phillipps 1932: 231
Hefford 1936: 72
Gregory & Conrad 1939: 452
Phillipps 1940: 75
Shorland 1950: 39
Powell 1951: 70–71, fig. 333
Lamonte 1955: 325
Parrott 1958b: 28, 44–52, 100–101, two figs
Doogue & Moreland 1961: 273, 276
Moreland 1961: 61, 71–72, one fig.
Moreland 1963: 44, one fig.
Anon. 1965: 17
McLintock 1966: (3) 707
Powell 1966: (1) 247, one fig. (2) 503
Heath & Moreland 1967: 54, fig. 97
Natusch 1967: 226, fig. 70
Scott E 1971: 139
Hewitt & Hine 1972: 99
Watkinson & Smith 1972: 77
Webb 1972a: 206–207
Webb 1972f: 82
Baker A 1975b: 2687–2692
Mather 1976: 250
Ayling & Cox 1982: 295, pl. 44
Wilkins & Sale 1982: 8–212, figs
Gunson 1983: 188, fig
Kelly 1983: 124
Nakamura 1983: 263–276, figs 4–14
Nakamura 1985: 49, fig.
Paulin & Stewart 1985: 54
Paul 1986: 130, fig.
Clark & King 1989: 53
Paulin et al. 1989: 231, 265, fig. 163.1
Saul & Holdsworth 1992: 6, 15, 17, figs 14, 15
Paul et al. 1993: 133, fig.
Paul & Heath 1997b: 84, fig.
Hine et al. 2000: 57
Paul 2000: 130, fig., 221

3862 *Xiphias gladius estara*
BROADBILL SWORDFISH
Whitley 1964: 244–245, fig. 6

3863 *Xiphias*
SWORDFISH
Hector 1869: 44

3864 *Xiphius gladius*
SWORD-FISH
Sherrin 1886: 96–97, 300

3865 *Ziphias gladius*
SWORDFISH
Cheeseman 1876: 219–220

3866 *Ziphius gladius*
SWORD-FISH
Hector 1875a: 246

3867 BROADBILL SWORDFISH
Anon. n.d. (1947?)b: 28
Paul 1966c: (3) 460

3868 SWORDFISH [Includes marlins]
Polack 1838: 323
Polack 1840: 202
Thomson G 1877: 488
Hamilton 1884: 128
Shorland 1937: 224
Anon n.d. 1947?b: 22–23
Kaberry 1957: 88
Sorensen 1965a: 25
Sorensen 1965c: 128

Family Centrolophidae Warehou

Species recognised in 2015:
Centrolophus niger (Gmelin, 1789) Rudderfish
Hyperoglyphe antarctica (Carmichael, 1819) Bluenose
Pseudoicichthys australis (Haedrich, 1966) Ragfish
Schedophilus huttoni (Waite, 1910) Slender ragfish
Schedophilus maculatus Günther, 1860 Pelagic butterfish
Seriolella brama (Günther, 1860) Blue warehou
Seriolella caerulea Guichenot, 1848 White warehou
Seriolella labyrinthica (McAllister & Randall, 1975) Ocean blue-eye
Seriolella punctata (Forster, 1801) Silver warehou
Tubbia stewarti Last, Daley & Duhamel, 2013 Bigeye ruffe
Tubbia tasmanica Whitley, 1943 Ruffe

3869 *Centrolophus britannicus*
BLACK FISH
Hutton 1904b: 149–150
Hutton 1904c: 341
Waite 1907: 16
Waite 1910a: 388–389
Phillipps 1927b: 31
Phillipps 1927c: 12

3870 *Centrolophus huttoni*
RUDDERFISH
Waite 1910a: 387–389
Waite 1912c: 318
Regan 1914c: 19
Phillipps 1927b: 32
Phillipps 1927c: 12
Whitley 1956b: 405
Smith 1966a: 1–3, pl. 1
Haedrich 1967: 62
Whitley 1968a: 51
Freeman & Tunnicliffe 1997: 9

3871 *Centrolophus maoricus*
BLACKFISH, RUDDERFISH
Ogilby 1893: 64–65
Hutton 1904b: 149–150
Hutton 1904c: 44
Waite 1907: 16
Waite 1910a: 388–389
Regan 1914c: 19
Regan 1916a: 134, 144, pl. 10
Thomson G 1926: 19
Phillipps 1927b: 31
Phillipps 1927c: 12
McCulloch 1929: 122
Whitley 1956b: 405
Mees 1962: 26
Haedrich 1967: 65
Whitley 1968a: 51

3872 *Centrolophus nigar*
RUDDER FISH
Iwai et al. 1970: 12
JFA 1972: *
JAMARC 1975: 14, *

3873 *Centrolophus niger*
RUDDERFISH
Waite 1910a: 388–389
Regan 1914c: 19
Mees 1962: 26
Haedrich 1967: 65
Japan FSFRL 1972: 87, fig.
JAMARC 1976: 21, *
JFA 1978: *
Francis M 1979: 69
McDowall 1979a: 211
Ayling & Cox 1982: 300, 302, fig.
McDowall 1982: 103, 120–123, figs 9, 10
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Paulin & Stewart 1985: 55
Paul & Heath 1985: 67, pl. 26
Pilgrim 1985: 33
Paul 1986: 139, fig.
Hine et al. 1987: 47
Hurst & Bagley 1987: 43
Clar88: 419
Vlieg & Body 1988: 151–161
Borodulina 1989: 157–158
Clark & King 1989: 53
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 234, 265
Amaoka et al. 1990: 312, figs
Hurst et al. 1990: 49
Tracey et al. 1990: 34
Roberts C 1991: 19
Paul et al. 1993: 123, fig.
Paul & Heath 1997b: 90, fig.
Jacob et al. 1998: 2126
Hine et al. 2000: 54
Paul 2000: fig.

3874 *Centrolophus*
Haedrich 1966: fig. 7

3875 *Cristaculeus dyscritus*
RUDDERFISH
Thomson G 1926: 19
Whitley 1956b: 405
Whitley 1968a: 51

3876 *Crystaculeus dyscritus*
Whitley & Phillipps 1939: 232

3877 *Eurumetopos johnstonii*
BREAM, N.Z. BREAM
Waite 1912c: 318
Waite 1912b: 200–202, pl. 12
Phillipps 1921a: 120
Thomson & Anderton 1921: 72–73, one fig.
Ayson 1924: 7
Whitley & Phillipps 1939: 232

3878 *Gasterosteus punctatus*
Forster J.R. 1801: MS 2. 59
Forster J.R. 1844: 140–141
Hutton 1877: 353–354
Gill 1893: 97

3879 *Gasterosteus*
Hutton 1896: 314

3880 *Hyperoglyphe antarctica*
ANTARCTIC BUTTERFISH. BARREL FISH, BLUE-EYE, BLUENOSE, BONITA, BREAM, GRIFFIN'S SILVERFISH, STONE-EYE
Haedrich 1967: 58
Whitley 1968a: 51
Stehmann & Lenz 1973: 185
JAMARC 1976: 21, *
Fenaughty & O'Sullivan 1978: 146
JFA 1978: *
Francis M 1979: 69
JAMARC 1979: 18, *
McDowall 1979a: 211
Shuntov 1979: 72, *
der Brock et al. 1981: 138, fig. 2
Ayling & Cox 1982: 301, fig. 16

McDowall 1982: 103, 106–111, fig. 1
Roberts & Van Berkel 1982: 136
Johnston 1983: 4, 5, 7, 33
Robertson et al. 1984: 24
Paulin & Stewart 1985: 55
Paul & Heath 1985: 69, pl. 27
Pilgrim 1985: 29
Vlieg 1985c: 245–249
Paul 1986: 138–139, figs
Hine et al. 1987: 47
Hurst & Bagley 1987: 6, 13, 22, 43–44, fig. 19
Paulin 1987a: 10, fig.
Roberts C 1987a: 158, 160
Clark M 1988: 419, 420
Fenaughty C et al. 1988: 10, 20–21, 26, 31, 36
Horn 1988: 369–378, figs 1–8
Vlieg 1988: 15, 19, 25, 39, 48
Vlieg & Body 1988: 151–161
Walker 1988: 45–46
Clark & King 1989: 8–9, 12, 23–25, 31, 44–45. figs 6–7, 34–37, 53–56
Fenaughty & Uozumi 1989: 5, 36–37
Horn 1989: 5–15, figs 1–5
Horn & Massey 1989: 5–32, figs
Hatanaka et al. 1989A: 10, 51
Hatanaka et al. 1989B: 7, 31
Paulin et al. 1989: 234, 265
Amaoka et al. 1990: 313, figs
Hurst et al. 1990: 15, 37, 49
OECD 1990: 302
Murray 1990a: 741, 745
Annala 1991: 72–73
Annala et al. 1991: 326
Roberts C 1991: 19
Paul 1992: 897
Sin et al. 1992: 469, 470, 472, 475
Paul et al. 1993: 125, fig.
Gauldie & Xhie 1995: 203–214, figs
Paulin et al. 1996: 6, fig.
Anderson A 1997: 11
McClatchie et al. 1997: 666
Paul & Heath 1997b: 89, fig.
Jacob et al. 1998: 2126
Paulin 1998: 15, fig.
Brothers et al. 1999: 23
McDowall 1999: 3769, fig.
Weisler et al. 1999: 43
Duffy et al. 2000: 353–358, figs 1, 2
Hine et al. 2000: 46
Paul 2000: 138–139, 217, figs
Visser 2000: 242–243

3881 ***Hyperoglyphe johnstonii***
McCulloch 1914: 78, pl. 18
McCulloch 1929: 125

3882 ***Hyperoglyphe moselii***
BLACK BUTTERFISH
Amaoka et al. 1990: 314, figs

3883 ***Hyperoglyphe porosa***
BONITO. BREAM
Phillipps 1927c: 12
McCulloch 1929: 125
Graham D 1938: 409
Graham D 1939b: 365
Whitley & Phillipps 1939: 232
Graham D 1956: 41, 222–223, 228, 230, 258, one fig.
Whitley 1956b: 405
Kaberry 1957: 91
Graham J 1963: 166, 168
Hewitt 1963: 61, 104
Sorenson 1970: 12
Hewitt & Hine 1972: 87
Wei et al. 1976: 57
Winstanley 1978: 77–79
Webb 1979: 18
Pilgrim 1985: 36

3884 ***Hyperoglyphs antarcta***
JAMARC 1975: 15, *

3885 ***Icichthys australis***
RAGFISH
Haedrich 1966: 201–204, fig. 1, 206–207, 209, 212
Krefft 1969: 9, fig. 3
JFA 1978: *
McDowall 1979a: 211
Ayling & Cox 1982: 303, fig.
McDowall 1982: 103, 130–133, figs 15, 16
Paulin & Stewart 1985: 55
Fenaughty & Uozumi 1989: 36–37
Paulin et al. 1989: 234, 265
McClatchie et al. 1997: 666
Jacob et al. 1998: 2126

3886 ***Icichthys***
LIMP RAGFISH
Haedrich 1967: 64, 123
Whitley 1968a: 52

3887 ***Lirus porosus***
Hutton 1904: 41, 44

3888 ***Neptomenus***
Gunther 1877: 469

3889 ***Neptomenus bilineatus***
Hutton 1873b: 271, pl. 8
Haedrich 1967: 72
Russell 1996: 232

3890 ***Neptomenus brama***
TREVALLY, WAREHOU
Gunther 1860: 390, Vol. 2
Hutton 1873b: 261
Mair 1873: 153
Hutton 1875a: 133
Thomson G 1879: 382
Hector 1884b: 54

Hector 1886a: 27–28
Sherrin 1886: 66
Hutton 1890: 278
Haedrich 1967: 40, 72

3891 ***Neptomenus trevale***
Haedrich 1967: 72

3892 ***Neptonemus brama***
SEA BREAM, WAREHOU
Hector 1872: 112, pl. 5
Hutton 1872: 21
Hutton 1873b: 262
Sherrin 1886: 104–105, 301
Thomson G 1892: 209

3893 ***Neptonemus bilineatus***
Sherrin 1886: 301

3894 ***Neptonemus***
Macleay 1881b: 541

3895 ***Perca antarctica***
Haedrich 1967: 58

3896 ***Perca nigra***
Haedrich 1967: 65

3897 ***Pseudoicichthys australis***
White & North 1990: 113

3898 ***Schedophilus huttoni***
N.Z. RUFFE
Haedrich 1967: 62
Trunov 1969: 443, 445
McAllister & Randall 1975: 4
Ahlstrom et al. 1976: 319
Scott E 1978: 339, 346–347
McDowall 1979a: 211
McDowall 1979b: 733
Ayling & Cox 1982: 300
McDowall 1982: 103, 124–125, fig. 11
Paulin & Stewart 1985: 55
Borodulina 1989: 159
Paulin et al. 1989: 234, 265
Amaoka et al. 1990: 315, figs

3899 ***Schedophilus maculatus***
PELAGIC BUTTERFISH
Waite 1910b: 375
McDowall 1979a: 211–212
McDowall 1980b: 145–151, figs 1–2
McDowall 1981: 492–494, figs 1–2
Ayling & Cox 1982: 303, fig.
McDowall 1982: 103, 124–125, 129–130, figs 12–14
Paulin & Stewart 1985: 55
Paulin et al. 1989: 234, 265
Roberts C 1991: 19
McDowall 1999: 3770, fig.

3900 ***Schedophilus ovalis***
McDowall 1979a: 212
Ayling & Cox 1982: 300

3901 ***Schedophilus porosus***
Waite 1907: 16
Phillipps 1927c: 12

3902 ***Schedophilus* sp.**
van den Broek et al. 1984: *
Paulin & Stewart 1985: 55
Clark & King 1989: 53
Paulin et al. 1989: 265

3903 ***Scomber punctatus***
Bloch & Schneider 1801: 37
Hutton 1877: 353
Haedrich 1967: 72

3904 ***Seriolella ampla***
WAREHOU
Whitley 1956b: 405

3905 ***Seriolella amplus***
BLUE JAW, BONITO, GRIFFIN'S SILVERFISH
Griffin 1928: 376–378, pl. 58
Powell 1941: 259
Parrott 1957: 60–64, one fig.
Doogue & Moreland 1961: 223, one fig.
McLintock 1966: (3) 709
Haedrich 1967: 58
Watkinson & Smith 1972: 23
Stehmann & Lenz 1973: 185
Wei et al. 1976: 57

3906 ***Seriolella bilineata***
Hutton 1890: 278
Gill 1893: 114
Hutton 1896: 314
Hutton 1904c: 44
Waite 1907: 16
Thomson & Anderton 1921: 73

3907 ***Seriolella brama***
BLUE WAREHOU, BREAM, COMMON WAREHOU, SEA BREAM, TREVALLY, WAREHOU, WHARIO
Hutton 1890: 278
Gill 1893: 114
Hutton 1904c: 44
Thomson G 1906: 550
Waite 1907: 16
Stead 1911: 9
Waite 1911b: 229–230, pl. 50
Thomson G 1913: 230
Phillipps 1918: 270
Phillipps 1921a: 120, 125
Thomson & Anderton 1921: 73, 104
Phillipps & Hodgkinson 1922: 95
Thomson & Thomson 1923: 111

Ayson 1924: 7, fig.
Buck 1926: 623–625
Phillipps 1927b: 31
Phillipps 1927c: 12
Griffin 1928: 376
McCulloch 1929: 124
Benham 1934: 31
Benham 1935: 22
Norman 1935: 3
Hefford 1936: 72
Wilson 1937: 31
Benham 1938: 56–57
Graham D 1938: 409
Fowler 1940: 768
Phillipps 1947: 50
Phillipps 1948: 129
Phillipps 1949c: 34–35, one fig.
Manter 1954: 543–545, 547, 559
Graham D 1956: 58, 107, 218–220, 234–236, 240, 246, 257–258, 314, 339, 376, one fig.
Whitley 1956b: 405
Parrott 1957: 58–60, 62–65, 77, one fig.
Manter & Walling 1958: 45–47
Doogue & Moreland 1961: 222–223, one fig.
Graham J 1963: 168
Moreland 1963: 26, one fig.
Anon. 1965: 17, fig. 53
McLintock 1966: (3) 709
Paul 1966c: (3) 552, one fig.
Haedrich 1967: 40, 72, fig. 19
Heath & Moreland 1967: 44, fig. 74
Abe & Arai 1968: 143
Dillon & Hargis 1968: 353, 355
Hewitt 1968c: 1, 8
Tong & Elder 1968: 65–66
Whitley 1968a: 51
Shuntov 1970: 373–379
Sorenson 1970: 6, 46, 50–51, 56
Coakley 1971: 5, 24
Hewitt & Hine 1972: 97
Japan FSFRL 1972: 87, fig.
Watkinson & Smith 1972: 49
Webb 1972b: 6, 7, 9, 13, 14, 16
Gavrilov 1973: 631–640
Stehmann & Lenz 1973: 190
Leont'eva et al. 1974: 118
Vooren 1974: 18, 24, 32, 43
Robertson 1975c: 14, fig. 9
Gavrilov 1976b: 52–57
Wei et al. 1976: 1–101, fig.
York 1977: 43
Fenaughty & Bagley 1978: 14, 26, 40, 41, 46, 47, 146
Francis M 1979: 69
Gavrilov 1979: 1–33
Gavrilov & Markina 1979: 128–135
Leach 1979: 118, 121, fig. 9
McDowall 1979a: 212
Patchell 1979: 42
Shuntov 1979: *
Shuntov 1979: 8
Struik & Bray 1979: 31, 32
Vasil'kov 1979: 639–647
Kawahara 1980: *
Kerstan & Sahrhage 1980: 152–153, fig. 156
McDowall 1980a: 68
McDowall 1980b: 147
Robertson 1980a: 46–47, 62, 63
Rohde et al. 1980: 1, 4, 5
Shuntov et al. 1980: 35–36, 40–41, fig. 5
Fenaughty & Bagley 1981: 16, 18, 26–43, 71, 108–109, 124
Grimes & Robertson 1981: 265
JAMARC 1981a: 21, *
Ayling & Cox 1982: 300, pl. 42
Edgar et al. 1982: 128, pl. 113
McDowall 1982: 103, 110–114, 116, 119, figs 3, 4
Pickston et al. 1982: 19, 20, 21
Roberts & Van Berkel 1982: 136
Last et al. 1983: 469–470, fig.
Paul et al. 1983: 15
JAMARC 1984: 7, 16, 24, 80–111, fig. 19
van den Broek et al. 1984: *
Vlieg 1984a: 99–104
Jones & Hadfield 1985: 480, figs 3–4
Paulin & Stewart 1985: 55
Pilgrim 1985: 33, 37
Andrews 1986: 13–14
Kashkina 1986: 60
Paul 1986: 136, figs
Probert 1986: 411
Hine et al. 1987: 46
Hurst & Bagley 1987: 7, 34
Paulin 1987a: 10, fig.
Uozumi et al. 1987: 11, 19, 48, figs 21, 46
Fenaughty C et al. 1988: 15
Gauldie 1988a: 395–396
Horn 1988: 376
Jones J 1988a: 406, 407, 413
Tsarev 1971: 165–167
Francis M 1988c: 52, pl. 141
Vlieg 1988: 15, 19, 26, 40, 48
Vlieg & Body 1988: 151–161
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989A: 6, 10, 15, 17–19, 36, 52, figs 28, 57
van Heezik 1989: 152
Paulin et al. 1989: 235, 265, fig. 166.6a
Amaoka et al. 1990: 316, figs
Hatanaka 1990: 143
Hurst et al. 1990: 7, 14–15, 17, 37, 40, 49–50, fig. 22
OECD 1990: 302
van Heezik 1990a: 204
Roberts C 1991: 19
Paul 1992: 897
Leach & Boocock 1993: *
Paul et al. 1993: 95, fig.
Hickford & Schiel 1995: 221, 223, 227, figs 5, 7, 10
Moore et al. 1995: 23, 31, figs 12–17

Francis M 1996a: 45, 54
Francis M 1996b: 60–61, pl. 146
Hickford & Schiel 1996: 671
Paulin et al. 1996: 49, fig.
Anderson A 1997: 4, 5, 11, 12
Hickford et al. 1997: 251, 253, 255, 256, 258, fig. 3
Leach 1997: * figs
Leach [et al. 1997A]: 60, 62, fig. 4
McClatchie et al. 1997: 667
Moore & Wakelin 1997: 20
Paul & Heath 1997a: 82, fig.
Horwood et al. 1998: 23, *
Jacob et al. 1998: 2126, 2135
Paulin 1998: 14, fig.
Paulin & Roberts 1998: 169
Weisler et al. 1999: 43
Hine et al. 2000: 39
Leach & Davidson 2000b: fig. 1
Paul 2000: 136, 208, figs

3908 *Seriolella brams*
Kaberry 1957: 90

3909 *Seriolella caeruea*
WHITE WAREHOU
Vlieg & Body 1988: 151–161

3910 *Seriolella caerulea*
WHITE WAREHOU
Fenaughty & O'Sullivan 1978: 47, 146
JFA 1978: *
McDowall 1979a: 212
Kerstan & Sahrhage 1980: 148–52, fig. 154
McDowall 1980a: 65–74, figs 1–2
Grimes & Robertson 1981: 265
JAMARC 1981a: 21, *
Last & Harris 1981: 194
Robertson 1981: fig. 2
van den Broek et al. 1981: 138
Ayling & Cox 1982: 18, 301, fig.
McDowall 1982: 103, 110–111, 114–119, figs 5–6
Roberts & Van Berkel 1982: 136
Last et al. 1983: 470–471, fig.
JAMARC 1984: 7, 16, 23, 80–111, fig. 18
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Vlieg 1984a: 99–104
Paul & Heath 1985: 69, pl. 27
Paul 1986: 138, fig.
Hurst & Bagley 1987: 7–11, 13, 22, 35, 43–44, fig. 19
Paulin 1987a: 11, fig.
Fenaughty C et al. 1988: 15
Horn 1988: 376
Vlieg 1988: 18, 22, 37, 44, 49
Clark & King 1989: 53
Fenaughty & Uozumi 1989: 26, 36–37, fig. 38
Hatanaka et al. 1989A: 6, 9, 15, 17–19, 36, 52, figs 27, 57
Hatanaka et al. 1989B: 7, 12, 24, 31, figs 12, 30–31
Paulin et al. 1989: 235, 265
Amaoka et al. 1990: 317, figs
Hurst et al. 1990: 37, 49
OECD 1990: 302
Roberts C 1991: 5, 19
Paul 1992: 897–898
Paul et al. 1993: 125, fig.
Paulin et al. 1996: 6, 46, 49, fig.
McClatchie et al. 1997: 667
Paul & Heath 1997b: 88, fig.
Jacob et al. 1998: 2126, 2135
Hine et al. 2000: 66
Paul 2000: 138, fig., 223–224

3911 *Seriolella labyrinthica*
McDowall 1982: 103, 110, 117–120, fig. 7
Paulin & Stewart 1985: 55
Paul 1986: 138
Paulin et al. 1989: 235, 265
Paul 2000: 138

3912 *Seriolella maculata*
SILVER FISH, SILVER WAREHOU
Graham D 1956: 217–218, one fig.
Whitley 1956b: 405
Abe & Arai 1968: 143
Inoue et al. 1968: 137, fig.
Whitley 1968a: 51
Shuntov & Demidenko 1970: 98
Shuntov 1971: 337, 341
Gavrilov 1974: 1–7
Gavrilov 1975: 187–195
Gavrilov 1976a: 56–68
Gavrilov 1976b: 52–57
Avdeev 1978: 281
Gavrilov 1978b: *
Avdeev 1979: 116–126
Gavrilov & Markina 1979: 128–135
Shuntov 1979: *
Shuntov 1979: 4, 7
Vasil'kov 1979: 639–647
Shuntov et al. 1980: 40–41
Kashkina 1986: 60–61
Jones J 1988a: 406, 408, 413

3913 *Seriolella maculatta*
SILVER-FISH
Hewitt & Hine 1972: 97

3914 *Seriola porosa*
Sherrin 1886: 301

3915 *Seriolella porosa*
SILVER WAREHOU
Hutton 1875a: 133
Hutton 1876: 211–212
Hutton 1890: 278
Gill 1893: 114
Hutton 1904c: 44
Thomson G 1906: 550
Waite 1907: 16
Thomson & Anderton 1921: 73

Phillipps 1927b: 31
Phillipps 1927c: 12
Norman 1937: 115–116, 145, fig. 62
Graham D 1938: 409
Graham D 1956: 221, one fig.
Whitley 1956b: 405
Dillon & Hargis 1968: 353, 355
Whitley 1968a: 51
Hewitt & Hine 1972: 97
Rohde et al. 1980: 5

3916 *Seriolella punctata*
BREAM, SEA BREAM, SILVERFISH, SILVER WAREHOU, SPOTTED WAREHOU, WAREHOU
Gill 1893: 94–95, 97
Hutton 1896: 314
Waite 1911b: 231, pl. 51
Waite 1912c: 318
Phillipps 1921a: 120
Phillipps 1927b: 31
Phillipps 1927c: 12
Griffin 1928: 376
McCulloch 1929: 124
Hefford 1936: 72
Graham D 1938: 408
Parrott 1957: 58–60, one fig.
Anon. 1965: 17
Haedrich 1967: 72, fig. 18
Abe & Arai 1968: 143
Sorenson 1970: 51, 56
Japan FSFRL 1972: 87, fig.
Webb 1972b: 6, 11, 16
Gavrilov 1973: 631–664
Stehmann & Lenz 1973: 179, 196
Robertson 1975c: 13
Wei et al. 1976: 1–101, fig.
Fenaughty & O'Sullivan 1978: 14, 16, 46, 47, 146
Hayashi et al. 1978: 917–923
JFA 1978: *
Taiwan FRI 1978: *
Francis M 1979: 69
Francis R & Fisher 1979: 5, 29, fig.
Gavrilov 1979: 1–33
JAMARC 1979: 18, *
McDowall 1979a: 212
Kawahara 1980: *
Kerstan & Sahrhage 1980: 57–63, fig. 52
McDowall 1980a: 68
McDowall 1980b: 147
Fenaughty & Bagley 1981: 71–77, 108, 131, fig. 56
Francis RI 1981: 5, 11
Grabda & Ślósarczyk 1981: 87, 89, 95
Grimes & Robertson 1981: 261–265, figs 1, 2
JAMARC 1981a: 21, *
van den Broek et al. 1981: 138, fig. 2
Wheeler 1981: 797
Ayling & Cox 1982: 18, 300, pl. 42
McDowall 1982: 103, 110–112, 116, 118, 119, fig. 2
Patchell 1982: 11
Pickston et al. 1982: 19–21
Roberts & Van Berkel 1982: 136
Last et al. 1983: 471–472, fig.
Paul et al. 1983: 15
JAMARC 1984: 7, 16, 23, 80–111, fig. 17
van den Broek et al. 1984: *
Vlieg 1984a: 99–104
Paulin & Stewart 1985: 56
Paul & Heath 1985: 69, pl. 27
Andrews 1986: 26
Bremner & Hallett 1986: 1011–1018
Paul 1986: 137, figs
Hine et al. 1987: 47
Hurst & Bagley 1987: 7, 10–15, 21–22, 34–35, 39, 41, 43–44, figs 6, 14, 20
Patchell et al. 1987: 304, 309, 312
Paulin 1987a: 11, fig.
Uozumi et al. 1987: 11, 18–19, fig. 20
Fenaughty C et al. 1988: 15, 22, 27, 32, 37
Horn 1988: 376–377
Vlieg 1988: 17, 20, 35, 43, 49
Vlieg & Body 1988: 151–161
Clark & King 1989: 5, 44
Fenaughty & Uozumi 1989: 5, 13, 17, 26, 36–37, figs 21, 35, 38
Massey 1989: 8
Murdoch & Chapman 1989: 62
Hatanaka et al. 1989A: 6, 9–10, 15, 18–19, 36, 52, figs 26, 57
Hatanaka et al. 1989B: 7, 12, 21–23, 26–27, 31, figs 11, 26–29
Paulin et al. 1989: 235, 265, fig. 166.6b
Amaoka et al. 1990: 318, figs
Hurst et al. 1990: 5, 7, 14–15, 17, 28, 35–37, 40–42, 48–50, figs 9, 17
Jones J 1990b: 21
OECD 1990: 302
Tracey 1990: 34
Annala et al. 1991: 326
Roberts C 1991: 3, 19
Paul 1992: 897
Jones J 1993: 23
Paul et al. 1993: 125, fig.
Horn & Sutton 1996: 301–312, figs 1–5
Paulin et al. 1996: 46, fig.
Russell 1996: 232
McClatchie et al. 1997: 667
Moore & Wakelin 1997: 20, 21
Paul & Heath 1997b: 87, fig.
Jacob et al. 1998: 2126, 2131, 2135
Paulin & Roberts 1998: 169
Hine et al. 2000: 66
Leach & Davidson 2000b: fig. 1
Paul 2000: 137, 223, figs

3917 *Seriolella punctatus*
SILVER WAREHOU
Moreland 1957: 34
Clark & King 1989: 53

3918 *Seriolella tinro*
GREY SERIOLELLA, WHITE WAREHOU
Gavrilov 1973: 631–640, fig. 1
Gavrilov 1978a: *
Tkachev 1978: 133–135
Gavrilov & Markina 1979: 128–135
Shuntov 1979: *
Shuntov et al. 1979: 5
Shuntov et al. 1980: 40–41
Gavrilov 1979: 1–33
McDowall 1980a: 65
Kashkina 1986: 60–61

3919 *Seriolella*
Gunther 1876: 390, 394–395
Gunther 1877: 469–470
Gunther 1880b: 286
Regan 1914c: 19
Natusch 1967: 217, fig. 67

3920 *Seriolella* sp.
WAREHOU
Massey 1989: 8–9

3921 *Seriolla brama*
WAREHOU
Iwai et al. 1970: 12
Japan, DSTA 1971: 64, *
JFA 1972: *
JAMARC 1972: 11, *
JAMARC 1975: *
JAMARC 1976: 21, *
Korea, FRDA 1978: 65, *
JAMARC 1979: 18, *

3922 *Seriollela punctata*
SILVER WAREHOU, SPOTTED WAREHOU
Iwai et al. 1970: 12
JFA 1972: *
JAMARC 1972: 10, *
JAMARC 1975: *
JAMARC 1976: 21, *
Korea, FRDA 1978: 65, *

3923 *Seriollela tinro*
WHITE WAREHOU
JAMARC 1976: 21, *
JAMARC 1979: 18, *

3924 *Tubbia tasmanica*
CENTROLOPHID, MAUVE RUFFE, TASMANIAN RUDDERFISH, TASMANIAN RUFFE
McDowall 1979a: 211
McDowall 1979b: 733–738, figs 1–4
Ayling & Cox 1982: 300
McDowall 1982: 103, 131–135, figs 17–20
Last et al. 1983: 472–473, fig.
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Paulin & Stewart 1985: 56
Pavlov & Andrianov 1986: 160
Clark & King 1989: 53
Paulin et al. 1989: 234, 265, fig. 166.4a
Amaoka et al. 1990: 319, figs
Tracey et al. 1990: 34

3925 *Tubbia* sp.
Hine et al. 1987: 47

3926 BONITA
Hector 1885: 411

3927 BLUENOSE
Boyce et al. 1986: 4, *
Clark I et al. 1988: 328

3928 BLUENOSE WAREHOU
Anderson A 1997: 8

3929 BLUE WAREHOU
Boyce et al. 1986: 4, *

3930 RUDDERFISH
Moreland 1959: 28–29

3931 SILVER-FISH
Powell 1870: 85–86
Thomson G 1878: 330
Sherrin 1886: 108
Natusch 1967: 217, fig. 67

3932 SILVER WAREHOU
Graham D 1939a: 428
Struik 1983: 217
Boyce et al. 1986: 4, *

3933 WAREHOU
Taylor 1855: 413
Taylor 1870: 624
Hector 1872: 101
Sherrin 1886: 7, 99, 284
Thomson G 1892: 203
Drummond & Hutton 1905: 71
Johnson 1920: 22–26
Johnson 1921: 475
Archey 1927: 199
Best 1929: 41, 43
Poata 1929: 12, 14
Benham 1933: 22
Graham D 1939a: 423–425, 427–428, 430, 432, 434, 436
Benham 1940: 35
Cunningham 1949: 92
Dickinson 1958: 10–15
Moreland 1961: 61
Sorensen 1965a: 24
Natusch 1967: 217, fig. 67
Paul 1983: 48
Clark I et al. 1988: 328
Pankhurst & Pankhurst 1989: 33

3934 WHITE WAREHOU
Boyce et al. 1986: 4, *

Family Nomeidae Eyebrow fishes

Species recognised in 2015:
Cubiceps baxteri McCulloch, 1923 Black cubehead
Cubiceps caeruleus Regan, 1914 Blue cubehead
Cubiceps capensis (Smith, 1845) Cape cubehead
Psenes pellucidus Lütken, 1880 Scissortail

3935 *Cubiceps baxteri*
CUBEHEAD
Moreland 1956: 10–11
Whitley 1956b: 405
Whitley 1968a: 50
Paulin & Stewart 1985: 56
Paulin et al. 1989: 236, 265

3936 *Cubiceps caeruleus*
CUBEHEAD
Regan 1914b: 15–16
Regan 1914c: 19–20
Regan 1916a: 134, 144
Whitley 1956b: 405
Haedrich 1967: 40, 81
Whitley 1968a: 50
Allen 1976: 436
Astakhov 1978: 143, *
Butler 1979: 231–233, fig. 6
Ayling & Cox 1982: 305, fig.
Paulin & Stewart 1985: 56
Hurst & Bagley 1987: 43
Paulin 1987a: 11, fig.
Clark & King 1989: 53, 56
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 236, 265
Amaoka et al. 1990: 320, figs
Roberts C 1991: 19
Robertson 1992: 79

3937 *Cubiceps caerulus*
Phillipps 1927: 12
Phillipps 1927b: 31

3938 *Cubiceps capensis*
Astakhov 1978: 143, *

3939 *Cubiceps gracilis*
Hutton 1896: 315
Hutton 1904c: 44
Waite 1907: 16
Waite 1910b: 375
Phillipps 1927b: 31
Phillipps 1927c: 12
Smith 1966b: 65–69, fig. 1, pl. 13

3940 *Cubiceps* sp.
Imber 1973: 651
McClatchie et al. 1997: 665

3941 *Nomeus gronovii*
MAN-OF-WAR FISH
Ayling & Cox 1982: 304, fig.
Paulin & Stewart 1985: 56
Paulin et al. 1989: 236, 265

3942 *Psenes pellucidus*
SCISSORTAIL
Ayling & Cox 1982: 305, fig.
Paulin & Stewart 1985: 56
Paulin et al. 1989: 236, 265, figs 167.2b, 167.3b

3943 *Psenes* sp.
Roberts C 1991: 19

Family Ariommatidae Ariommids

Species recognised in 2015:
Ariomma luridum Jordan & Snyder, 1904 Ariommid

3944 *Ariomma lurida*
ARIOMMID
Paulin et al. 1989: 236, 265, fig. 168.1

Family Tetragonuridae Squaretails

Species recognised in 2015:
Tetragonurus cuvieri Risso, 1810 Squaretail

3945 *Tetragonurus curvieri*
Parrott 1948: 139

3946 *Tetragonurus cuvieri*
SQUARETAIL
Archey 1920: 223, 1 fig.
Phillipps 1927b: 32
Phillipps 1927c: 12
Parrott 1948: 137–141, pl. 30
Phillipps 1949a: 219, fig.
Fitch 1951: 56–59
Grey 1955: 4–14, 24–34, figs 10, 11, 14

Parrott 1960: 128–130, fig. 46
Natusch 1967: 217, fig. 67
JFA 1978: *
Francis M 1979: 69
Ayling & Cox 1982: 306, fig.
Paulin & Stewart 1985: 56
Paulin et al. 1989: 237, 265, fig. 169.1, pl., p. [194b]
Amaoka et al. 1990: 321, figs

3947 *Tetragonurus cuvieri wilkinsoni*
SQUARETAIL
Whitley 1956b: 405
Parrott 1960: 130

3948 *Tetragonurus wilkinsoni*
SQUARETAIL
Whitley 1968a: 52

3949 *Tetragonurus*
Waite 1912b: 199
Parrott 1948: 139

3950 *Tetragonurus* sp.
SQUARETAIL
Clark & King 1989: 53
McClatchie et al. 1997: 667

3951 *Tetrogonus cuvieri*
Parrott 1948: 137

Family Caproidae Boarfishes

Note: Not in Roberts et al. (2015). Identity of the early references is uncertain. Amaoka et al. specimens were taken outside the EEZ.

3952 *Antigonia mulleri*
Klunzinger 1880: 380, pl. 5
Waite 1911b: 194

3953 *Antigonia* sp.
Amaoka et al. 1990: 226, fig.

Order PLEURONECTIFORMES Flatfishes

Family Bothidae Lefteye flounders

Species recognised in 2015:
Arnoglossus scapha (Forster, 1801) Witch
Asterorhombus filifer Hensley & Randall, 2003 Angler flounder
Bothus mancus (Broussonet, 1782)
Chascanopsetta lugubris Alcock, 1894 Slingjaw flounder
Engyprosopon raoulensis Amaoka & Mihara, 1995 Kermadec flounder
Lophonectes gallus Günther, 1880 New Zealand crested flounder
Lophonectes sp. A Kermadec Islands crested flounder

3954 *Arnglossus scapha*
Taiwan FRI 1978: *

3955 *Arnoglossus boops*
Norman 1934: 175, 196, fig. 144
Colman 1976b: 693–697
Robertson 1980a: 48

3956 *Arnoglossus mongonuiensis*
Regan 1914b: 16
Regan 1914c: 21, pl. 10
Norman 1926: 250
Norman 1934: 203

3957 *Arnoglossus scapha*
CADGER'S FISH, MEGRIM, WITCH
Norman 1934: 175, 195–196, fig. 143
Graham J 1963: 168
Howell 1966b: 33
Tong & Elder 1968: 65–66
Manikiam 1969: 124, fig. 3
Iwai et al. 1970: 20
Japan, DSTA 1971: 65, *
Hewitt & Hine 1972: 78–79
Japan 1972: 92, fig.
JFA 1972: *
Webb 1972b: 11, 17
Colman & James 1974: 964–970, fig.
JAMARC 1975: 15, *
Robertson 1975c: 12
Colman 1976b: 693–697
Wei et al. 1976: 57, fig.
Colman 1978: 11
JFA 1978: *
Francis M 1979: 69
Robertson 1980a: 47–50, 62
Wheeler 1981: 798
Ayling & Cox 1982: 307, pl. 45
Gunson 1983: 181–182, fig.
Paul et al. 1983: 15
van den Broek et al. 1984: *
Paulin & Stewart 1985: 56
Paul & Heath 1985: 33, pl. 9
Andrews 1986: 26, 30

Paul 1986: 145, fig.
Livingston 1987a: 281–293, figs 1–5
Livingston 1987b: 776, 782–783, 791–794, figs 1–5
Paulin 1987a: 27, fig.
Fenaughty C et al. 1988: 22, 27, 32, 37
Lalas & Brown 1998: 131, *
Clark & King 1989: 53, 56
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989B: 31
Hatanaka et al. 1989A: 52
Paulin et al. 1989: 238, 265, fig. 170.4a
Amaoka et al. 1990: 325, fig.
Hurst et al. 1990: 49
Jones J 1990b: 8
OECD 1990: 311
Roberts C 1991: 3, 19
Paul et al. 1993: 43, fig.
Willis 1995: 68
Paulin et al. 1996: 11, 12, 13, 14, 15, 16, 17, 18, fig.
Hickford et al. 1997: 253, 255, fig. 3
McClatchie et al. 1997: 665
Paul & Heath 1997b: 91, fig.
Roberts C & Paulin 1997: 223
Jacob et al. 1998: 2126, 2137
Paulin & Roberts 1998: 164, 169
Ryan & Paulin 1998: 135 (pl)
Weisler et al. 1999: 37–43
Hine et al. 2000: 45
Paul 2000: 145, fig.

3958 *Arnoglossus*
Gill 1893: 124
Kyle 1901: 989
Norman 1934: 173–175, 202

3959 *Bothus constellatus*
Paulin & Stewart 1985: 56
Paulin et al. 1989: 238, 265, fig. 170.4b

3960 *Caulopsetta boops*
MEGRIM
Gill 1893: 121
Hutton 1904c: 48
Waite 1907: 26
Waite 1911b: 199, 202
Phillipps 1927b: 27
Phillipps 1927c: 12
Whitley 1956b: 404
Whitley 1968a: 47
Colman 1976b: 694

3961 *Caulopsetta hectoris*
MEGRIM
Hutton 1904c: 48
Waite 1907: 26
Waite 1911b: 199, 202
Phillipps 1927b: 27
Phillipps 1927c: 12
Whitley 1956b: 404
Whitley 1968a: 48
Colman 1976b: 694

3962 *Caulopsetta scapha*
BRILL, MEGRIM, WITCH
Gill 1893: 94–95, 101
Hutton 1904c: 48
Thomson G 1906: 543, 551
Anderton 1907: 479, pl. 19
Waite 1907: 26
Waite 1911b: 196–197, 199–202, pl. 34
Anderton 1912: 16
Thomson G 1913: 232–233
Phillipps 1921a: 121, 125
Thomson & Anderton 1921: 70, 80–82, 96
Phillipps & Hodgkinson 1922: 95
Phillipps 1927b: 27
Phillipps 1927c: 12
Young 1929: 142
Graham D 1938: 407
Phillipps 1949c: 27–28, one fig.
Laird 1951: 299, 301, 306
Powell 1951: 67
Manter 1954: 503–505, 548–549, 558
Moreland 1957: 34
Meglitsch 1960: 287, 305–306, 308, 311, 316–317, 320, 333, 335–336, 339, 344, 346, 348, 352–354
Parrott 1960: 103
Gorman 1963: 29
Powell 1966: (1)718, (3) 292–293
Meglitsch 1970: 112
Colman 1976b: 693–694
Shuntov 1979: 71, *

3963 *Caulopsetta scaphus*
BRILL, MEGRIM
Gill 1893: 121, 124
Ayson 1924: 8
Graham D 1956: 107, 186–188, 238, one fig.
Whitley 1956b: 404
Parrott 1960: 104, 123–124, fig. 44
Whitley 1968a: 47
Waugh 1973: 267

3964 *Caulopsetta*
MEGRIM
Natusch 1967: 217, fig. 66

3965 *Engyprosopon raoulensis*
KERMADEC FLOUNDER
Amaoka & Mihara 1995: 51–57, figs 1–5
Roberts C & Paulin 1997: 216

3966 *Lophonectes gallus*
CRESTED FLOUNDER
Norman 1934: 202–203, fig. 150
Norman 1935: 3
Manikiam 1969: 122, figs 1, 2
Colman & James 1974: 964–970, fig.
Colman 1978: 11
Shuntov 1979: 70, *
Crossland 1981a: 40–41, figs 52–55
Ayling & Cox 1982: 308, fig.
Crossland 1982b: 42

Paul et al. 1983: 15
Kingsford 1985: 436
Paulin & Stewart 1985: 56
Paul & Heath 1985: 33, pl. 9
Paul 1986: 145
Roper 1986: 705–717
Kingsford 1988: 466
Paulin et al. 1989: 238, 265, fig. 170.3
Kingsford 1992: 45, 46, 50
Tricklebank et al. 1992: 268
Paul et al. 1993: 43, fig.
Willis 1995: 68
Paul & Heath 1997b: 91, fig.
Hensley & Amaoka 1999: 3836, fig.
Paul 2000: 145

3967 *Lophonectes mongonuiensis*
CRESTED FLOUNDER
Phillipps 1927b: 30
Phillipps 1927c: 12
Whitley 1956b: 404
Whitley 1968a: 47

3968 *Paralichthys boops*
Goode & Bean 1895: 436

3969 *Paralichthys hectoris*
Goode & Bean 1895: 436

3970 *Paralichthys*
Gill 1893: 124

3971 *Pleuronectes scapha*
Forster G [1772–1775]: 193
Forster J.R. 1801: MS 2. 46
Forster J.R. 1844: 130–131
Colman 1976b: 693

3972 *Pleuroncetes scapha*
Bloch & Schneider 1801: 163

3973 *Pleuronectes scaphus*
Gill 1893: 124

3974 *Pseudorhombus boops*
Hector 1875a: 249–250, pl.
Hector 1875b: 492
Hector 1875c: 81–82
Gunther 1880a: 26–27, 80
Sherrin 1886: 29, 304
Gunther 1887a: 163–164, figs 4, 5
Hutton 1890: 283
Gill 1893: 124
Hamilton A 1896: 13
Regan 1914c: 21
Colman 1976b: 693
Roberts C & Paulin 1997: 223

3975 *Pseudorhumbus hectori*
Hamilton A 1896: 13

3976 *Pseudorhombus hectoris*
Gunther 1887a: 163–164
Colman 1976b: 693

3977 *Pseudorhombus scaphus*
BRILL
Hector 1872: 117, pl. 9
Hutton 1872: 51
Hector 1875a: 239, 250
Hector 1875: 82
Hutton 1875a: 134
Hector 1884b: 55
Hector 1886a: 28
Sherrin 1886: 25–26, 304
Hutton 1890: 283
Gill 1893: 124
Waite 1911b: 197–198
Colman 1976b: 693

3978 *Pseudorhombus*
Hutton 1873a: 241
Hutton 1874b: 86
Gunther 1880b: 287

3979 *Rhombus scapha*
Richardson J 1843a: 27
Gill 1893: 96

3980 MEGRIM, WITCH
Thomson G 1923: 14
Archey 1927: 201, pl. 2
Graham D 1939a: 423–424, 430, 433–435
Dickinson 1958: 15

Family Scophthalmidae Turbots

3981 *Scophthalmus maximus*
Cranfield et al. 1998: 28

Family Achiropsettidae Finless flounders

Species recognised in 2015:
Achiropsetta tricholepis Norman, 1930 Prickly flounder
Mancopsetta maculata (Günther, 1880) Marbled flounder
Neoachiropsetta milfordi (Penrith, 1965) Finless flounder

3982 *Achiropsetta tricholepis*
ARMLESS FLOUNDER
Amaoka et al. 1990: 322, fig.
Paulin et al. 1989: 238, 265, fig. 170.5a
Heemstra 1990: 408–409, fig. 1
McClatchie et al. 1997: 665

3983 *Apterygopectus milfordi*
ARMLESS FLOUNDER, FINLESS FLOUNDER
Amaoka et al. 1990: 323, fig.

3984 *Macopsetta milfordi*
FINLESS FLOUNDER
Kerstan & Sahrhage 1980: 156

3985 *Mancopsetta maculata*
ARMLESS FLOUNDER
Amaoka et al. 1990: 324, fig.

3986 *Mancopsetta milfordi*
FINLESS FLOUNDER
JAMARC 1981a: 21, *
Ayling & Cox 1982: 306–307, fig.
Robertson et al. 1984: 24
van den Broek et al. 1984: *
Paulin & Stewart 1985: 56
Paul & Heath 1985: 33
Paul 1986: 145
Hatanaka et al. 1989A: 52
Heemstra 1990: 409, 412–413, fig. 4
Paul 2000: 145

3987 *Mancopsetta* sp.
Clark 1985a: 354

3988 *Neoachiropsetta milfordi*
FINLESS FLOUNDER
Golovan' & Pakhorukov 1983: 18
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 238, 265, fig. 170.5b
Roberts C 1991: 5, 19
McClatchie et al. 1997: 666
Jacob et al. 1998: 2126, 2137

Family Rhombosoleidae Southern righteye flounders

Species recognised in 2015:
Azygopus flemingi Nielsen, 1961 Spotted flounder
Colistium guntheri (Hutton, 1873) New Zealand brill
Colistium nudipinnis (Waite, 1911) New Zealand turbot
Pelotretis flavilatus Waite, 1911 Lemon sole
Peltorhamphus latus James, 1972 Speckled sole
Peltorhamphus novaezeelandiae Günther, 1862 New Zealand sole
Peltorhamphus tenuis James, 1972 Slender sole
Peltorhamphus sp. A Grey sole
Rhombosolea leporina Günther, 1862 Yellowbelly flounder
Rhombosolea plebeia (Richardson, 1843) Sand flounder
Rhombosolea retiaria Hutton, 1874 Black flounder
Rhombosolea tapirina Günther, 1862 Greenback flounder

3989 *Ammotretis guentheri*
BRILL
Hutton 1904c: 48
Waite 1907: 26
Waite 1911b: 196–197, 199, 209, 211–212, pl. 40
Thomson G 1913: 232
Phillipps 1921a: 122, 125
Thomson & Anderton 1921: 80–82, 101, 107, two figs
Phillipps & Hodgkinson 1922: 95
Young 1929: 142
Parrott 1960: 103

3990 *Ammotretis guntheri*
BRILL, TURBOT
Hutton 1873b: 267–268, pl. 10
Hector 1884b: 55
Hector 1886a: 28
Sherrin 1886: 26–29, 304
Hutton 1890: 283
Ayson 1924: 8
Thomson G 1924: 19
Thomson G 1928: 23
Russell 1996: 219, 232
Roberts C & Paulin 1997: 224

3991 *Ammotretis nudipinnis*
N.Z. TURBOT
Waite 1911a: 50
Waite 1911b: 157, 197–199, 209–210, pl. 39
Anderton 1912: 16
Waite 1912c: 320
Thomson G 1913: 232
Phillipps 1921a: 122, 125
Thomson & Anderton 1921: 80–82, 101
Phillipps & Hodgkinson 1922: 95
Ayson 1924: 8

3992 *Ammotretis rostratus*
LEMON SOLE, LONG SNOUTED FLOUNDER, N.Z. TURBOT, TURBOT
Hutton 1875a: 134
Hutton 1876: 215

Sherrin 1886: 28, 304
Hutton 1890: 283
Gill 1893: 121
Waite 1898: 46
Hutton 1904c: 48
Thomson G 1906: 543–544, 551, pls. 55–56
Waite 1907: 26
Waite 1911a: 50
Waite 1911b: 197–199, 209–210, 213
Thomson & Anderton 1921: 27, 80–82
Colman 1975: 575, 576

3993 ***Ammotretis***
Gunther 1880b: 287, 557

3994 ***Apsetta thompsoni***
Kyle 1901: 986–992, figs 1–3
Hutton 1904c: 48
Waite 1907: 27
Waite 1911b: 199
Phillipps 1927c: 12
Norman 1934: 432, 29

3995 ***Azygopus pinifasciatus***
Shuntov 1979: 72, *

3996 ***Azygopus pinnifasciatus flemingi***
STRIPE-FINNED FLOUNDER
Moreland 1957: 34
Nielsen 1961: 223–225, fig. 3
Whitley 1968a: 47

3997 ***Azygopus pinnifasciatus***
SPOTTED FLOUNDER
Manikiam 1969: 124, fig. 4
JFA 1972: *
Colman & James 1974: 964–970
JAMARC 1975: 15, *
JFA 1978: *
Ayling & Cox 1982: 313, pl. 47
Last et al. 1983: 490–491, fig.
Mitchell 1984: 273
Paulin & Stewart 1985: 56
Paul 1986: 145
Paulin 1987a: 27, fig.
Clark & King 1989: 55
Hatanaka et al. 1989A: 52
Paulin et al. 1989: 239, 265, fig. 171.3
Amaoka et al. 1990: 327, fig.
Hurst et al. 1990: 49
Roberts C 1991: 19
Paulin et al. 1996: 11, 12, 13, 14, 16, 17, 18, fig.
McClatchie et al. 1997: 665
Jacob et al. 1998: 2127, 2135
Paul 2000: 145

3998 ***Azygopus pinnifasciatus flemingi***
Roberts C & Paulin 1997: 214

3999 ***Bowenia novae-zealandiae***
Haast 1873: 277–278, pl. 16
Sherrin 1886: 304
Hutton 1890: 283
Norman 1926: 278
Freeman & Tunnicliffe 1997: 9

4000 ***Bowenia novae-zeelandiae***
Norman 1934: 432

4001 ***Brachypleura novae-zealandiae***
Hutton 1872: 50
Sherrin 1886: 29, 304
Hutton 1890: 283
Gill 1893: 121
Hutton 1904c: 48
Waite 1907: 26
Fowler 1928: 93

4002 ***Brachypleura novae zeelandiae***
MEGRIM
Gunther 1862: Vol. 4. 419
Waite 1911b: 199
Phillipps 1927c: 12
Fowler 1931a: 10
Norman 1934: 400–401, fig. 289, fig. 25
Chabanaud 1954: 1294
Whitley 1956b: 404
Whitley 1968a: 48
Springer 1982: 34

4003 ***Brachypleura novae-zelandiae***
Waite 1912c: 320
Phillipps 1927b: 27

4004 ***Brachypleura***
Gunther 1880b: 287
Kyle 1901: 991
Waite 1911b: 200

4005 ***Colistium guntheri***
BRILL
Norman 1926: 274–275
Archey 1927: 202, pl. 2
Phillipps 1927b: 28
Phillipps 1927c: 12
Norman 1934: 426–427, fig. 312
Hefford 1936: 72, 75
Graham D 1938: 407
Phillipps 1949c: 28, one fig.
Graham D 1956: 38, 167, 190–191, one fig.
Whitley 1956b: 404
Kaberry 1957: 90
Parrott 1960: 104, 119–121, fig. 42
Anon. 1965: 15, fig. 11
Whitley 1968a: 48
Manikiam 1969: 126, fig. 7
Sorenson 1970: 4, 13–14, 50, 52

Watkinson & Smith 1972: 49
Colman 1973b: 1
Colman & James 1974: 964–970, fig.
Colman 1975: 578
Robertson 1975c: 9
Francis M 1979: 69
Robertson 1980a: 49
Anderson A 1981a: 206, 214
Roper & Jillett 1981: 1–13
Ayling & Cox 1982: 311, fig.
Paul et al. 1983: 15
Paulin & Stewart 1985: 56
Paul & Heath 1985: 35, pl. 10
Paul 1986: 144, fig.
Paulin 1987a: 24, fig.
Fenaughty C et al. 1988: 10
Paulin et al. 1989: 240, 265, fig. 171.6b
OECD 1990: 36
Roberts C 1991: 19
Paul 1992: 898
Paul et al. 1993: 47, fig.
Paulin et al. 1996: 12, fig.
Russell 1996: 232, 233
Anderson A 1997: 4, 11
Hickford et al. 1997: 252, 255, fig. 3
Paul & Heath 1997a: 88, fig.
Roberts C & Paulin 1997: 224
Paulin 1998: 16, fig.
Diggles et al. 2000: 1–12, figs 1–8
Paul 2000: 144, figs

4006 *Colistium nudipinnis*
TURBOT
Norman 1926: 273–274
Archey 1927: 202
Phillipps 1927b: 27
Phillipps 1927c: 12
Norman 1934: 425–426, fig. 311
Hefford 1936: 72, 75
Graham D 1938: 407
Powell 1951: 67
Graham D 1956: 45, 188–189, one fig.
Whitley 1956b: 404
Parrott 1960: 104, 120–122, fig. 43
Anon. 1965: 17, fig. 52
Powell 1966: (1) 718, (3) 292
Whitley 1968a: 48
Manikiam 1969: 126, fig. 6
Sorenson 1970: 4, 13–14, 50, 52
Colman 1973b: 1
Colman & James 1974: 964–970, fig.
Robertson 1975c: 9
Colman 1976: 575–579, fig. 1
Roper & Jillett 1981: 1–13
Ayling & Cox 1982: 311, fig.
Paul et al. 1983: 15
Paulin & Stewart 1985: 57
Paul & Heath 1985: 35, pl. 10
Paul 1986: 145, figs
Hine et al. 1987: 48
Paulin 1987a: 24, fig.
Paulin et al. 1989: 240, 265, fig. 171.6a
OECD 1990: 298
Paul 1992: 898
Paul et al. 1993: 47, fig.
Paulin et al. 1996: 17, fig.
Paul & Heath 1997a: 87, fig.
Paulin 1998: 76, fig.
Diggles 2000: 645–652
Diggles et al. 2000: 1–12, figs 1–8
Paul 2000: 145, figs.

4007 *Colistium*
Natusch 1967: fig. 66

4008 *Pelatretis flavilatus*
COMMON SOLE
JAMARC 1975: 15, *

4009 *Pelotretis flavilatis*
LEMON SOLE
Tong & Elder 1968: 65–66

4010 *Pelotretis flavilatus*
LEMON SOLE, N.Z. LEMON SOLE
Waite 1911a: 50
Waite 1911b: 157, 197–199, 212–213, pl. 41
Waite 1912c: 320
Thomson G 1913: 233
Phillipps 1921a: 122, 125
Thomson & Anderton 1921: 27, 80–84, 96, 101, one fig.
Ayson 1924: 8
Thomson G 1924: 19
Norman 1926: 265–266
Archey 1927: 202
Phillipps 1927c: 12
Thomson G 1928: 23
Young 1929: 143
Thomson G 1930: 30
Norman 1934: 418–419, fig. 305
Norman 1935: 3
Rapson 1940: 5, 9–44, 46–56, figs 1, 5–13, 15–16
Kaberry 1957: 90, 92
Graham D 1956: 85, 97, 107, 210–213, 230, 287, 325, one fig.
Whitley 1956b: 405
McKenzie 1960: 45
Meglitsch 1960: 320, 348
Parrott 1960: 104–105, 115–118, figs 35, 41
Doogue & Moreland 1961: 219, one fig.
Allen 1963: 141
Graham J 1963: 168
Gorman 1963: 29
Street 1964: 16, 18
Dillon & Hargis 1965b: 265, 267
Cunningham 1966: (1) 683, 687
Tunbridge 1966b: 1, 3–4, 9, 11–13
Whitley 1968a: 49
Manikiam 1969: 124–126, fig. 5

Iwai et al. 1970: 21
James G.D. 1970: 229–240
Shuntov 1970: 377
Sorenson 1970: 4, 45–46, 56, fig. 42b
Japan DSTA 1971: 65, *
Shuntov 1971: 342
Hewitt & Hine 1972: 92
Japan FSFRL 1972: 92
Watkinson & Smith 1972: 25–26
Colman 1973a: 23
Colman 1973b: 1
Waugh 1973: 267, 271
Webb 1973d: 232
Colman & James 1974: 964–990, 1 fig.
Vooren 1974: 43
Colman 1975: 578
Ritchie et al. 1975: 2
Robertson 1975c: 9, fig. 5
Waugh 1976a: 7
Wei et al. 1976: 1–101, fig.
JFA 1978: *
Francis M 1979: 69
Shuntov 1979: 71, *
Robertson 1980a: 11, 52–63
Roper & Jillett 1981: 1–13
Ayling & Cox 1982: 312, pl. 46
Boustead 1982: 10
Crossland 1982a: 15
Crossland 1982b: 43
Paul et al. 1983: 15
Eldon & Kelly 1985: 46
Paulin & Stewart 1985: 57
Paul & Heath 1985: 33, pl. 9
Vlieg 1985b: 181–185
Paul 1986: 140, figs
Roper 1986: 705–717
Hine et al. 1987: 48
Hurst & Bagley 1987: 43
Livingston 1987a: 281–293, figs 1–5
Livingston 1987b: 776, 781–782, 790–794, figs 1–5, 11–12
Paulin 1987a: 23, fig.
Lalas & Brown 1998: 131, *
Vlieg 1988: 16, 20, 30, 41, 49
Vlieg & Body 1988: 151–161
Fenaughty & Uozumi 1989: 36–37
Hatanaka et al. 1989A: 52
Hatanaka et al. 1989B: 31
Paulin et al. 1989: 239, 265, fig. 171.4
Amaoka et al. 1990: 328, fig.
Hurst et al. 1990: 49
OECD 1990: 160
Murray 1990a: 745
Roberts C 1991: 19
Paul 1992: 898
Paul et al. 1993: 43, fig.
Willis 1995: 68
Paulin et al. 1996: 15, fig.
Hickford et al. 1997: 252, 255, fig. 3
McClatchie et al. 1997: 667
Moore & Wakelin 1997: 20
Paul & Heath 1997a: 90, fig.
Jacob et al. 1998: 2127, 2138
Paulin 1998: 36, fig.
Paulin & Roberts 1998: 164, 169
Weisler et al. 1999: 37–43
Hine et al. 2000: 23
Paul 2000: 140, figs

4011 *Pelotretis*
LEMON SOLE
Gorman 1963: 29
Natusch 1967: fig. 66
Anderson A 1997: 11

4012 *Pelotretus flavilatus*
LEMON SOLE
Phillipps 1927b: 29
Hefford 1936: 72, 75
Graham D 1938: 408
Phillipps 1948: 129
Powell 1951: 67
Manter 1954: 599
Cassie 1955: 8
Anon. 1965: 17, fig. 45
Powell 1966: (3) 292
Ritchie et al. 1975: *
Andrews 1986: 13–14

4013 *Pelotretus*
Sorensen 1968: 148, 150

4014 *Pelotritus flavilatus*
Manter 1954: 524–526

4015 *Peltoramphus novaeseelandiae*
COMMON SOLE, ENGLISH SOLE, N.Z. SOLE
Heath & Moreland 1967: 32, fig. 50
Korea, FRDA 1978: 66, *

4016 *Peltoramphus novae-zealandiae*
Rendahl 1925: 4

4017 *Peltorhamphus flavilatus*
LEMON SOLE
Ralph & Yaldwyn 1956: 82

4018 *Peltorhamphus latus*
DWARF COMMON SOLE, SPOTTED SOLE, SPECKLED SOLE
James 1972: 345–355, fig. 6
Colman & James 1974: 964–970
Ryan 1974: 133
Smith & Crossland 1978: 342
Shuntov 1979: 69, *
Robertson 1980a: 5, 52
Roper & Jillett 1981: 1–13, figs 1–4, 6
Ayling & Cox 1982: 308, 312
Crossland 1982b: 42–43
Paul et al. 1983: 15
Bradstock 1985: 125, pl.

Jones & Hadfield 1985: 480
Paulin & Stewart 1985: 57
Paul 1986: 141
Roper 1986: 705–717
Livingston 1987a: 281
Paulin et al. 1989: 240, 265
Hardy 1990: 14
Kingsford 1992: 44–46
Paul & Heath 1997a: 89
Paulin & Roberts 1998: 169
Paul 2000: 141, fig.

4019 *Peltorhamphus novae[-]zealandiae*
COMMON SOLE, ENGLISH SOLE, NEW ZEALAND SOLE, SOLE
Hutton 1872: 52, pl. 9
Hutton 1874b: 86
Hutton 1875a: 134
Thomson G 1877: 485
Thomson G 1878: 326
Thomson G 1879: 382
Hector 1884b: 55
Hector 1886a: 28
Sherrin 1886: 22–25, 304
Hutton 1890: 283
Thomson G 1892: 213
Gill 1893: 121
Hutton 1904c: 48
Thomson G 1906: 543–544, 551
Waite 1906: 200
Anderton 1907: 479, 481–483, pl. 19
Waite 1907: 27
Thomson G. 1920: 20–21
Thomson & Anderton 1921: 80–82
Ayson 1924: 8
Thomson G 1924: 19
Thomson G. 1928: 23–24
Young 1929: 143
Thomson G. 1930: 30
Parrott 1960: 104, 115–117, fig. 40
Street 1964: 16, 19
Anon. 1965: 17
Cunningham 1966: (1) 683, 687
Sorenson 1970: 4, 45–46, 56, fig. 42
Ritchie et al. 1975: 2, *
McDowall 1976: 27
Kilner & Akroyd 1978: 39–65, fig.
Vlieg & Body 1988: 151–161

4020 *Peltorhamphus novae-zelandiae*
Hutton 1873a: 241
Bayliss 1944: 466
Petrochenko 1971: 317
Shuntov 1979: 70, *
Willan et al. 1979: 451

4021 *Peltorhamphus novaeseelandiae*
Doogue & Moreland 1961: 218, one fig.
Moreland 1963: 22, one fig.
Beaglehole 1967: 807

4022 *Peltorhamphus novaezeelandiae*
COMMON SOLE, ENGLISH SOLE, N.Z. SOLE, PARROT-BEAK SOLE
Gunther 1862: Vol. 4, 461
Waite 1911b: 195, 197, 199, 213–215, pl. 42
Waite 1912c: 321
Thomson G 1913: 233
Thomson G 1919b: 16–17
Phillipps 1921a: 122, 125
Thomson & Anderton 1921: 17, 27, 70, 74, 88, 96, 101, 107, one fig.
Phillipps & Hodgkinson 1922: 96
Norman 1926: 276
Phillipps 1927b: 29
Phillipps 1927c: 12
Norman 1934: 427–428, fig. 313
Norman 1935: 3
Phillipps 1947: 48
Phillipps 1949c: 25, 31–32, one fig.
Cassie 1955: 80
Graham D 1956: 97, 107, 206–212, 287, 296, 325, 339, 357, one fig.
Ralph & Yaldwyn 1956: 82
Whitley 1956b: 405
Meglitsch 1960: 328, 352–354
Dillon & Hargis 1965b: 267–268
Wear 1965: 7
Whitley 1968a: 49
Manikiam 1969: 126, fig. 8
James G.D. 1970: 229–240
Baker 1971: 294
Cunningham & Waugh 1971: 157
Japan DSTA 1971: 65, *
Robertson & Raj 1971: 413
Hewitt & Hine 1972: 92
James G.D. 1972: 345–355, fig. 5
Watkinson & Smith 1972: 25–26, 72, 74, 85
Webb 1972g: 570–601, figs 12, 17
Colman 1973a: 24
Colman 1973b: 1
Waugh 1973: 266, 267, 271
Webb 1973a: 45–66
Webb 1973d: 223–234, figs 1, 2
Webb 1973e: 301–305
Colman & James 1974: 964–970, fig.
Ryan 1974: 133, 135
Vooren 1974: 43
Robertson 1975c: 5, 8, fig. 5
Francis M 1979: 69
Nicholson 1979: 136
Robertson 1980a: 50–52, 63
Roper 1981a: 753–758, figs 1–3
Roper & Jillett 1981: 1–13
Ayling & Cox 1982: 312, fig.
Crossland 1982a: 15
Paul et al. 1983: 15
Eldon & Kelly 1985: 18, 23–26, 48
Jones & Hadfield 1985: 480, figs 3, 4
Paulin & Stewart 1985: 57
Vlieg 1985b: 181–185

Andrews 1986: 13–14
Paul 1986: 141, figs
Probert 1986: 412
Hine et al. 1987: 48
Livingston 1987a: 281–293, figs 1–5
Livingston 1987b: 776, 779–781, 790–794, figs 1–5, 10
Paulin 1987a: 23, fig.
Fenaughty C et al. 1988: 11, 21, 26, 31, 36
Vlieg 1988: 16, 20, 30, 42, 49
Hardy C 1989: 30
Massey 1989: 8
Paulin et al. 1989: 240, 265
OECD 1990: 61, 87, 267
Murray 1990a: 745
van Heezik 1990a: 204
Dawson 1991: 288
Roberts C 1991: 19
Francis M 1996b: 61, pl. 148
Hickford et al. 1997: 252
Moore & Wakelin 1997: 20
Paul & Heath 1997a: 89, fig.
Paulin 1998: 19, fig.
Paulin & Roberts 1998: 164, 169
Hine et al. 2000: 23
Paul 2000: 141, figs.

4023 *Peltorhamphus novaezealandidae*
COMMON SOLE
Iwai et al. 1970: 21

4024 *Peltorhamphus novaezeelandidae*
COMMON SOLE, ENGLISH SOLE,
Japan, FSRL 1972: 92, fig.
JAMARC 1975: 15, *

4025 *Peltorhamphus novae[-]zelandiae*
COMMON SOLE, ENGLISH SOLE, SOLE
Waite 1916b: 454
Hefford 1936: 72, 75
Graham D 1938: 408
Graham D 1939b: 365
Powell 1951: 67, fig. 316
Graham J 1963: 168
Powell 1966: (1) 718, (3) 292–293, one fig.
Tong & Elder 1968: 65–66
Meglitsch 1970: 112
Tracey & van den Broek 1987: 128–130, 134
Paul 1992: 898
Harris T 1993: 70
Paul et al. 1993: 45, fig.
Paulin et al. 1996: 13, fig.
Weisler et al. 1999: 43

4026 *Peltorhamphus tenuis*
SLENDER SOLE
James 1972: 345–355, fig. 7
Colman & James 1974: 964–970
Ryan 1974: 133
Robertson 1975c: 5, 8
Shuntov 1979: 69, *
Robertson 1980a: 50, 52
Roper & Jillett 1981: 1–13
Ayling & Cox 1982: 308, 312
Paul et al. 1983: 15
Paulin & Stewart 1985: 57
Paul 1986: 141
Livingston 1987a: 281
Paulin et al. 1989: 240, 265
van Heezik 1989: 152
Hardy 1990: 14
Paul & Heath 1997a: 89
Paul 2000: 141, fig.

4027 *Peltorhamphus*
SOLE
Hector 1872: 117–118, pl. 9
Gunther 1880b: 287, 557
Waite 1911b: 200
Natusch 1967: fig. 66
Sorensen 1968: 148, 150
Crossland 1981a: 46–48, figs 61–63
Anderson A 1997: 11
Lalas & Brown 1998: 131, *
Hickford & Schiel 1999: 296

4028 *Peltorhymphus latus*
SOLE
van Heezik 1990b: 545, 547

4029 *Peltorhampus novae-zealandiae*
Kaberry 1957: 90, 92

4030 *Peltorhampus novae-zeelandiae*
COMMON SOLE, ENGLISH SOLE
Rapson 1940: 18
Phillipps 1948: 129
McLintock 1966: (3) 709
Leach & Boocock 1993: *

4031 *Peltorhampus*
Macleay 1882a: 134

4032 *Platessa (Rhombus?) scapha*
Richardson & Gray 1843: 222

4033 *Platessa*
SOLE
Taylor 1870: 624

4034 *Pleuronectes plebeius*
Richardson & Gray 1843: 222–223

4035 *Pleuronectes plebius*
Beaglehole 1962: 8, Vol. 2

4036 *Pleuronectes*
Gunther 1880b: 557

4037 *Poecilopsetta* sp.
Amaoka et al. 1990: 326, fig.

4038 *Psetta (Rhombus) maxima*
TURBOT
Thomson G 1922a: 255–257

4039 *Rhambosolea plebeia*
FLOUNDER
Crawley & Wilson 1976: 12

4040 *Rhombosoea leporina*
YELLOW-BELLY FLOUNDER
Vlieg & Body 1988: 151–161

4041 *Rhombosolea flesoides*
YELLOW BELLY, YELLOW BELLY FLOUNDER
Hutton 1875a: 134
Hutton 1876: 215
Hutton 1890: 283
Gill 1893: 121
Hutton 1904c: 48
Waite 1907: 27
Waite 1911b: 197, 206
Thomson & Anderton 1921: 80–82
Norman 1926: 286
Norman 1934: 435

4042 *Rhombosola leporina*
YELLOW FLOUNDER
Phillipps 1927b: 28

4043 *Rhombosolea leporina*
YELLOWBELLY, YELLOW FLOUNDER
Hutton 1873b: 268, pl. 10
Hutton 1875a: 134
Hutton 1876: 215
Sherrin 1886: 29, 304
Hutton 1890: 283
Thomson G 1892: 213
Waite 1911b: 197
Thomson & Anderton 1921: 80–82
Norman 1926: 278, 283–284
Archey 1927: 201
Hefford 1929: 36, 39–40, 44, 57–59
McCulloch 1929: 282
Norman 1934: 429, 432–433, fig. 316
Norman 1935: 3
Hefford 1936: 72, 74–75
Graham D 1938: 407
Fowler 1940: 758
Phillipps 1948: 129
Phillipps 1949c: 30, one fig.
Powell 1951: 66
Cassie 1955: 79
Ralph & Yaldwyn 1956: 82
Williams 1960: 10
Doogue & Moreland 1961: 217, one fig.
Allen 1963: 141
Graham J 1963: 168
Moreland 1963: 24, one fig.
Rosenberg 1963: 6
Anon. 1965: 15
Cunningham 1966: (1) 687
McLintock 1966: (3) 708
Paul 1966b: 37
Powell 1966: (1) 717
Heath & Moreland 1967: 32, fig. 51
Tong & Elder 1968: 65–66
Manikiam 1969: 129, fig. 111
Sorenson 1970: 4, 24–25, fig. 16
Japan DSTA 1971: 65, *
Robertson & Raj 1971: 413
Colman 1972a: 208
Colman 1972c: 240–245, figs 4, 5
Hewitt & Hine 1972: 95
Watkinson & Smith 1972: 13, 28–29
Webb 1972g: 570–601, figs 11, 17
Colman 1973a: 21–43, figs 5, 8
Colman 1973b: 1–5, fig.
Webb 1973a: 45–66
Webb 1973d: 223–234, figs 1, 2
Webb 1973e: 301–305, fig. 1
Webb 1973f: 312
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Ryan 1974: 132, 135
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Ritchie et al. 1975: 2, *
Robertson 1975c: 8
McDowall 1976: 27
Waugh 1976a: 17
Paul 1977: 47
Colman 1978: 11
Hewitt 1978: 173
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Korea FRDA 1978: 66, *
McDowall 1978b: 172–173, fig.
Shuntov 1979: 69, *
McDowall 1980c: 63, fig.
Robertson 1980a: 12, 50
Smith P et al. 1980: 401–404
Ayling & Cox 1982: 308, fig.
Boustead 1982: 12
Crossland 1982a: 9–11, fig. 8
Crossland 1982b: 42–43
Smith & Fujio 1982: 10
Paul et al. 1983: 15
Blair 1984: 24–25
Smith & Francis 1984: 93–94
Eldon & Kelly 1985: 18, 22, 24–26, 42, 46, 52, fig. 19
Jones & Hadfield 1985: 480, figs 3–4
Paulin & Stewart 1985: 57
Pilgrim 1985: 31
Vlieg 1985b: 181–185
Eldon & Smith 1986: 77–79, fig. 1
Paul 1986: 142, figs
Hine et al. 1987: 48
Livingston 1987a: 281–293, figs 1–5
Livingston 1987b: 776, 778–779, 790–794, figs 1–5, 9
Paulin 1987a: 26, fig.

Tracey & van den Broek 1987: 128–130, 134
Gilbert 1988: 31–32, 35
Vlieg 1988: 18, 22, 38, 45, 49
Hardy C 1989: 30, 39–41, 48–49, 94–95, 103–104
Paulin et al. 1989: 240, 265, fig. 171.9a, pl., p. [194b]
McDowall 1990: 325–327, fig. 19.3
OECD 1990: 313
Murray 1990a: 745
Paul 1992: 898–899
Harris T 1993: 70, 72
Paul et al. 1993: 45, fig.
Paulin et al. 1996: 18, fig.
Leach 1997: * figs
Paul & Heath 1997a: 84, fig.
Paulin & Roberts 1998: 164, 169
Glova & Sagar 2000: 507, 514, 516, 519, fig. 6
Hine et al. 2000: 25
Paul 2000: 142, figs.

4044 *Rhombosolea liporina*
YELLOWBELLY FLOUNDER
Ayson 1924: 8

4045 *Rhombosolea millari*
YELLOW BELLY, YELLOW BELLY FLOUNDER, YELLOW FLOUNDER
Waite 1911b: 157, 197, 199, 202, 205–206, pl. 37
Waite 1912c: 321
Thomson G 1913: 232
Phillipps 1921a: 122, 125
Thomson & Anderton 1921: 80–82, 87
Phillipps & Hodgkinson 1922: 96
Archey 1924: 342
Phillipps 1927c: 12
Phillipps 1947: 48
Graham D 1956: 201–203, one fig.
Whitley 1956b: 405
Kaberry 1957: 90, 92
Parrott 1960: 103, 106–109, fig. 36
Tunbridge 1966b: 1, 3–9, 13–14, figs 1–3
Whitley 1968a: 48

4046 *Rhombosolea monopus*
FLOUNDER, PATIKI
Gunther 1862: Vol. 4, 459
Hector 1872: 117, pl. 9
Hutton 1872: 51–52
Hutton 1873b: 268
Hutton 1874a: 107
Hutton 1875a: 134
Thomson G 1877: 485
Thomson G 1878: 326
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Hector 1884b: 53–55
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Sherrin 1886: 21–22, 304
Hutton 1890: 283
Thomson G 1892: 213
Ogilby 1893: 64
Kyle 1900: 986
Anderton 1910: 11–12
Waite 1911b: 206, 208
Johnson 1921: 473–476
Norman 1926: 283
Norman 1934: 432

4047 *Rhombosolea pelbeia*
DIAMOND. PLAICE, SQUARE DAB
Ritchie et al. 1975: *

4048 *Rhombosolea plebeia*
COMMON FLOUNDER, DAB, DAB FLOUNDER, DIAMOND, DIAMOND FLOUNDER, FLAT, FLOUNDER, PLAICE, SAND FLOUNDER, SQUARE, SQUARE FLOUNDER, THREE CORNER FLOUNDER, TINPLATE
Gill 1893: 121
Hutton 1904c: 68
Waite 1907: 26
Waite 1911b: 196–199, 202–204, 208, pl. 35
Thomson G 1913: 232
Thomson G 1919b: 18
Phillipps 1921a: 122, 125
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Phillipps & Hodgkinson 1922: 96
Thomson G 1922a: 257
Phillipps 1925b: 369
Norman 1926: 278, 282–283
Archey 1927: 201, pl. 2
Phillipps 1927b: 28
Phillipps 1927c: 12
Thomson G 1928: 23
Hefford 1929: 36, 39, 44
McCulloch 1929: 282
Thomson G 1930: 30
Norman 1934: 42, 29, 429, 431–432, fig. 25, 315
Hefford 1936: 72, 74–75
Graham D 1938: 407
Rapson 1940: 38–39
Phillipps 1947: 48
Phillipps 1948: 129
Phillipps 1949c: 25, 29, one fig.
Laird 1951: 299, 301, 306
Powell 1951: 66, fig. 315
Cassie 1955: 79
Graham D 1956: 30, 66, 80, 87, 167–168, 191–201, 203, 205, 296, 314, 339, two figs
Ralph & Yaldwyn 1956: 82
Whitley 1956b: 405
Kaberry 1957: 92
McKenzie 1960: 45
Parrott 1960: 103, 106, 108–110, fig. 37
Doogue & Moreland 1961: 216, one fig.
Allen 1963: 141
Graham J 1963: 168
Moreland 1963: 24, one fig.
Street 1964: 16, 18
Anon. 1965: 15
Cunningham 1966: (1) 687
McLintock 1966: (3) 708
Paul 1966b: 37

Tunbridge 1966b: 1–3, 5–9, 11–14, figs 1–3
Heath & Moreland 1967: 32, fig. 49
Whitley 1968a: 48
Tong & Elder 1968: 65–66
Knox 1969b: 533
Manikiam 1969: 128, fig. 10
James 1970: 229–240
Sorenson 1970: 4, 18, 24–25, 47–48
Cunningham & Waugh 1971: 157
Robertson & Raj 1971: 404–414, figs 1–5
Colman 1972a: 208–213, figs 1, 2
Colman 1972c: 240–245, figs 2, 3
Hewitt & Hine 1972: 95
Solly & Harrison 1972: 458, 460
Watkinson & Smith 1972: 28–29
Webb 1972g: 570–601, figs 9–10, 17–18
Solly & Harrison 1972: 458, 460
Colman 1973a: 21–43, figs 3, 4, 7
Colman 1973b: 1–5, fig.
Waugh 1973: 267, 271
Webb 1973a: 45–66
Webb 1973d: 223–234, figs 1–2
Webb 1973e: 301–305, fig.
Webb 1973f: 312
Colman 1974a: 79–93
Colman 1974b: 351–370, figs 1–5
Colman & James 1974: 964–970, 3 figs
Hughes et al. 1974: 14, 15, 27
Ryan 1974: 132, 135
Vooren 1974: 43
Allen 1975: 1–9
Ritchie et al. 1975: 2
Robertson 1975c: 8–9
Colman 1976a: 485–497
Crawley & Wilson 1976: 12
Grace A 1976: 103
Habib 1976a: 10
McDowall 1976: 27
Waugh 1976a: 17
Ottaway 1977: 219
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Francis M 1979: 69
Shuntov 1979: 70, *
Robertson 1980a: 11, 50
Smith et al. 1980: 401–404
Anderson A 1981a: 206, 214, 216
Roper & Jillett 1981: 1–13, figs 2,3,5,6
Ayling & Cox 1982: 309, pl. 46
Crossland 1982a: 3, 6, 9–11
Crossland 1982b: 42, 43
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Gunson 1983: 181–182, fig.
Paul et al. 1983: 8
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Bradstock 1985: 125–126, figs, pl.
Eldon & Kelly 1985: 18, 22, 24–26, 46, 52
Jones & Hadfield 1985: 477, 480, 484, figs 3, 4
Paulin & Stewart 1985: 57
Pilgrim 1985: 31
Vlieg 1985b: 181–185
Andrews 1986: 11, 16, 58, 114
Eldon & Smith 1986: 77–79, fig. 1
Paul 1986: 143, figs
Roper 1986: 705–717, fig. 5
Hine et al. 1987: 48
Livingston 1987a: 281–293, figs 1–5
Livingston 1987b: 776–778, 790–794, figs 1–8
Paulin 1987a: 25, fig.
Smith 1987: 489–492
Tracey & van den Broek 1987: 128–130, 134
Fenaughty C et al. 1988: 22, 27, 32, 37
Francis RI 1988b: 53–56
Gauldie 1988a: 395–396
Massey 1988: 75–84, fig. 3
Vlieg 1988: 17, 21, 34, 43, 49
Hardy C 1989: 30, 39–42, 48–49, 94–95, 103–104
Paulin et al. 1989: 240, 266, fig. 171.8
OECD 1990: 74
Smith 1990: 829
Murray 1990a: 745
Roberts C 1991: 19
Paul 1992: 899
Harris T 1993: 70
Paul et al. 1993: 45, fig.
Francis M 1996b: 61–62, pl. 149
Paulin et al. 1996: 16, fig.
Hickford et al. 1997: 253, 255, fig. 3
Paul & Heath 1997a: 83, fig.
Paulin & Roberts 1998: 164, 169
Hickford & Schiel 1999: 296
Glova & Sagar 2000: 507, 514, 516, 519, fig. 6
Hine et al. 2000: 25
Paul 2000: 143, figs

4049 *Rhombosolea plebia*
COMMON FLOUNDER, SAND FLOUNDER,
Thomson G 1906: 540–543, 551
Young 1929: 142
Stokell 1936: 83
Beaglehole 1962: 8, vol. 2

4050 *Rhombosolea plebius*
SAND FLOUNDER
Anderton 1907: 480–481, pl. 18

4051 *Rhombosolea pleibeia*
SAND FLOUNDER
Vlieg & Body 1988: 151–161

4052 *Rhombosolea plibeia*
SAND FLOUNDER
Ayson 1924: 8

4053 *Rhombosolea retiaria*
BLACK FLOUNDER, ESTUARY FLOUNDER, FLOUNDER, FRESHWATER FLOUNDER, MUD FLOUNDER, RIVER FLOUNDER
Hutton 1874a: 107
Hutton 1875a: 134
Hutton 1890: 283
Gill 1893: 121
Hutton 1904c: 48
Waite 1907: 27
Waite 1911b: 195, 197, 199, 202, 207–208, pl. 38
Thomson G 1913: 232
Phillipps 1921a: 122, 125
Thomson & Anderton 1921: 80–82, 87–88
Ayson 1924: 8
Phillipps 1925b: 368–369, one fig.
Norman 1926: 281–282
Phillipps 1926d: 485
Archey 1927: 201–202
Phillipps 1927b: 29
Phillipps 1927c: 12
Young 1929: 142
Norman 1934: 429–430, fig. 314
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Hefford 1936: 72
Stokell 1936: 83
Cunningham 1937: 898–899
Graham D 1938: 408
Phillipps 1947: 48
Phillipps 1949c: 30–31, one fig.
Ralph & Yaldwyn 1956: 82
Parrott 1960: 103, 107–108, 111–112, fig. 38
Bassett 1961: 34
Doogue & Moreland 1961: 215–216, one fig.
Graham J 1963: 168
Moreland 1963: 22, one fig.
Woods 1963: 17, 47, 49, one fig.
McDowall 1964a: 180
McDowall 1964c: 7, 11
Anon. 1965: 15
Cunningham 1966: (1) 687
McDowall 1966: 101, fig. 4
McLintock 1966: (3) 708
Paul 1966b: 37
Heath & Moreland 1967: 32, fig. 52
McDowall 1968b: 14, 60
Ralph & Hoverd 1968: figs 8, 12
Manikiam 1969: 128, fig. 9
Hewitt & Hine 1972: 95
Colman 1973a: 21
Colman 1973b: 1
Hughes et al. 1974: 14, 15, 27
Ryan 1974: 132, 135
Ritchie et al. 1975: *
Hewitt 1978: 173
Hine 1978: 182
Korea FRDA 1978: 66, *
Francis M 1979: 69
Shuntov 1979: 69, *
McDowall 1980c: 62, fig.
Ayling & Cox 1982: 310, fig.
Smith & Fujio 1982: 10
Blair 1984: 25
McDowall 1984: 25, 44, fig.
Eldon & Kelly 1985: 18, 22, 24–26, 42, 52, fig. 18
Paulin & Stewart 1985: 57
Pilgrim 1985: 31
Eldon & Smith 1986: 79, fig. 2
Paul 1986: 144, fig.
Paulin 1987a: 25, fig.
Richardson J & McDowall 1987: 8, 28
Fenaughty C et al. 1988: 10, 41
Penlington 1988: 10
Hardy C 1989: 28, 30, 39–42, 48–49, 94–95, 103–104
Paulin et al. 1989: 240, 266, fig. 171.7
McDowall 1990: 322–325, figs 19.1, 19.2, pl. 79
Roberts C 1991: 19
Paul 1992: 899
McDowall 1993: 333
Paul et al. 1993: 49, fig.
McDowall 1995: 518, 521, 523
Paulin et al. 1996: 11, fig.
Russell 1996: 232–233
McClatchie et al. 1997: 667
Paul & Heath 1997a: 86, fig.
Roberts C & Paulin 1997: 224
Paulin & Roberts 1998: 169
Glova & Sagar 2000: 507, 514, 516, 519, fig. 6
Hine et al. 2000: 26
Paul 2000: 144, figs.

4054 *Rhombosolea (Adamasoma) retiaria*
BLACK FLOUNDER, RIVER FLOUNDER
Whitley & Phillips 1939: 231
Whitley 1956b: 405
Whitley 1968a: 49

4055 *Rhombosolea (Adamasoma) retiaria adamas*
DIAMOND PLAICE
Whitley & Phillips 1939: 232
Whitley 1956b: 405
Whitley 1968a: 49

4056 *Rhombosolea (Adamsoma) retiaria adams*
N.Z. BLACK FLOUNDER, RIVER FLOUNDER
Graham D 1956: 204–206, one fig.

4057 *Rhombosolea tapirina*
FLAT FISH, GREEN-BACK FLOUNDER, GREEN FLOUNDER
Hutton 1873b: 268–269, pl. 12
Hutton 1873d: 401
Hutton 1874a: 106–107, pl. 19
Hutton 1875a: 134
Gunther 1876: 390, 399
Hutton 1876: 215
Gunther 1877: 471
Sherrin 1886: 29, 304
Hutton 1890: 283
Gill 1893: 121
Hutton 1904c: 48

Thomson G 1906: 540–543, 551
Anderton 1907: 480–481
Waite 1907: 27
Chilton 1909: 590
Waite 1911b: 197–199, 202, 204–205, pl. 36
Thomson G 1913: 232
Waite 1916a: 49
Phillipps 1921a: 122
Thomson & Anderton 1921: 80–82, 86–87
Phillipps & Hodgkinson 1922: 96
Ayson 1924: 8
Rendahl 1925: 5
Norman 1926: 284–286
Archey 1927: 201
Phillipps 1927b: 29
Phillipps 1927c: 12
Thomson G 1928: 23
McCulloch 1929: 282
Norman 1934: 29, fig. 18, 421, 429, 434–435, fig. 317
Hefford 1936: 72
Stokell 1936: 83
Graham D 1938: 408
Johnston & Mawson 1943: 237, 238, 242
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Roughley 1951: 29
Graham D 1956: 203–205, 216, one fig.
Ralph & Yaldwyn 1956: 82
Whitley 1956b: 405
Parrott 1958a: 118
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Anon. 1965: 15, fig. 19
Cunningham 1966: (1) 687
Powell 1966: (1) 717
Whitley 1968a: 49
Manikiam 1969: 129, fig. 12
Robertson & Raj 1971: 413
Colman 1972a: 208
Hewitt & Hine 1972: 95
Colman 1973a: 21
Colman 1973b: 1
Colman & James 1974: 964–970, fig.
Ritchie et al. 1975: *
Shuntov 1979: 70, *
Grabda & Ślósarczyk 1981: 93
Ayling & Cox 1982: 309, pl. 46
Edgar et al. 1982: 132, pl. 118
Last et al. 1983: 491, fig.
van den Broek et al. 1984: *
Bradstock 1985: 125, pl.
Eldon & Kelly 1985: 22, 24–26, 48
Paulin & Stewart 1985: 57
Paul & Heath 1985: 35, pl. 10
Paul 1986: 143, fig.
Paulin 1987a: 26, fig.
Hardy C 1989: 30
Hatanaka et al. 1989A: 52
Paulin et al. 1989: 241, 266, fig. 171.9b
Amaoka et al. 1990: 329, fig.
OECD 1990: 116
Paul 1992: 898
Gauldie 1993c: 1*
Paul et al. 1993: 47, fig.
Paulin et al. 1996: 14, fig.
McClatchie et al. 1997: 667
Paul & Heath 1997a: 85, fig.
Barnett & Pankhurst 1998: 313–329, figs 1–8
Jacob et al. 1998: 2127
Hine et al. 2000: 26
Pankhurst & Poortenaar 2000: 141–159
Paul 2000: 143, fig.
Poortenaar & Pankhurst 2000: 175–185

4058 *Rhombosolea*
FLATFISH, FLOUNDER
Gunther 1880b: 287, 557
Macleay 1882a: 128–129
Orton & Limbaugh 1953: 114
McDowall 1964: 59
Wear 1965: 7
Beaglehole 1967: 807
Kensler 1967: 73
Natusch 1967: fig. 66
Ryan 1974: 131
Crossland 1981a: 41–43, figs 56–58
Kingsford & Choat 1986: 166
Jones J 1988a: 401, 413
Penlington 1988: 7
Winchester 1988: 621–624
Massey 1989: 8–9
Dawson 1991: 284, 288
Kingsford 1992: 44–46, 50
Tricklebank et al. 1992: 268–270, 273, fig. 5
Leach & Boocock 1993: *
Anderson A 1997: 4–6, 11
Lalas & Brown 1998: 131, *
Weisler et al. 1999: 43

4059 *Rhombus plebeia*
Roberts C & Paulin 1997: 212

4060 *Rhombus plebeius*
Roberts C & Paulin 1997: 212

4061 *Rhombus maximum*
TURBOT
Phillipps 1921b: 246
Thomson & Anderton 1921: 5, 27, 31–33, 40–46, 95, two figs

4062 *Rhombus plebeius*
FLATFISH, SOLE
Richardson & Gray 1843: 222–225
Richardson J 1843a: 27
Taylor 1855: 412
Gill 1893: 92
Solander : MS 21

4063 *Rhombus plebeus*
FLATFISH
Taylor 1870: 624–625

4064 BLACK FLOUNDER
Waite 1911c: 265
Graham D 1939a: 434
Tunbridge 1966b: 9
Morton & Miller 1968: 550, fig. 204

4065 BRILL
Thomson G 1901: 574
Thomson G. 1909: 16
Anderton 1910: 11–12
Anderton 1911: 12
Thomson G. 1919b: 16
Young 1926a: 100
Thomson G. 1930: 30
Benham 1935: 21
Benham 1936: 27
Graham D 1939a: 425, 427, 429, 434
Dickinson 1968: 15
Sorensen 1965b: 119
Boyce et al. 1986: 4, *

4066 DAB
Young 1935: 30–34
Dickinson 1958: 15
Beaglehole 1962: 453, Vol. 1
Andrews 1986: 13–14

4067 ENGLISH SOLE
Dickinson 1958: 15

4068 FLATFISH
Bale 1791
Hodgskin 1841: 33–34
Thomson G 1877: 489
Sherrin 1886: 19–21, 26, 29
Thomson G 1898a: 578–579
Thomson G 1901: 574
Hector 1902b: 564
Drummond & Hutton 1905: 71, 73
Waite 1911c: 264
Anderton 1912: 16
Anderton 1913: 13
Thomson G. 1911b: 16
Phillipps 1925a: 315–316
Thomson G 1926: 18
Thomson G 1928: 24
Thomson G 1929: 22
Thomson G 1930: 30
Thomson G 1931: 31
Benham 1935: 22
Benham 1936: 26
Graham D 1939a: 423, 426, 435
Phillipps 1947: 48, 51
Graham D 1956: 86, one fig.
Dickinson 1958: 1–2, 14–15, fig. 1
Banks in Beaglehole 1962: 8, Vol. 2
Beaglehole 1962: 453, Vol. 1
Gorman 1962: 3, fig. 1
Cunningham 1966: (1) 680–681, 683
Hicks 1985: 125–127
Bradford 1999a: *, fig. 20

4069 FLOUNDER, PLAICE
Polack 1838: 322
Polack 1840: 202
Hector 1872: 101, 117
Thomson G 1877: 487–489
Thomson G 1878: 324–325, 327, 330
Thomson G 1879: 381, 384–386
Sherrin 1886: 7, 20–21, 284, 106, 108
Thomson G 1892: 204
Thomson G 1898a: 577–578
Thomson G 1901: 574
Hector 1902b: 564
Mair 1903: 319
Drummond & Hutton 1905: 73, 1 fig.
Hamilton A 1908: 3, 64
Thomson G. 1909: 16
Anderton 1913: 14
Thomson G. 1920: 20
Thomson G. 1922b: 16
Thomson G 1923: 13–14
Thomson G. 1924: 19
Young 1926a: 100–101
Thomson G. 1931: 31
Benham 1934: 30
Young 1935:
Benham 1936: 27
Graham 1937: 24
Hefford 1937: 134
Shorland 1937: 224
Benham 1938: 57
Graham D 1939a: 423–424
Rapson 1940: 35
Phillipps 1947: 47
McCann 1953: 15
Cassie 1955: 70–71
Graham D 1956: 38, 45–46, 230, 287, 325, 357
Dickinson 1958: 8
Longhurst 1958: 488
Moreland 1959: 28
Doogue & Moreland 1961: 180, 262–263
Hurley 1961: 268
McMillan 1961: 143
Moreland 1961: 79
Banks in Beaglehole 1962: 8, Vol. 2
Fisher 1965: 112
Moreland 1965: 125–126
Sorensen 1965b: 119–120
Sorensen 1965c: 127
Cunningham 1966: (1) 682–683
Paul 1966c: (1) 676, 678
Heath & Moreland 1967: 20
Sorensen 1969b: 11, 35–36
Paul 1983: 48
Struik 1983: 216
Cipriano 1985: 155
Annala et al. 1991: 326–327
Leach [et al. 1999A]: *

4070 FORSTER'S BRILL
Thomson G 1892: 204

4071 GREENBACK, GREEN-BACK FLOUNDER
Thomson G 1930: 30
Graham D 1939a: 423–425, 427, 429, 433–434
Dickinson 1958: 15

4072 LEMON SOLE
Drummond & Hutton 1905: 73
Thomson G. 1909: 16
Anderton 1910: 12
Young 1926a: 100
Thomson G 1929: 22
Graham D 1939a: 424–425, 427, 429, 433–435
Dickinson 1958: 8, 15
Boyce et al. 1986: 4, *

4073 PITIKI / FLAT-FISH
Richardson & Gray 1843: 225

4074 PLAICE
Sherrin 1886: 25, 27

4075 SAND FLOUNDER
Thomson G 1929: 22
Graham D 1939a: 423–425, 427–429, 432, 434–435
Morton & Miller 1968: 550, fig. 204
Leachman et al. 1978: 2
Boyce et al. 1986: 4, *
Pankhurst & Pankhurst 1989: 33

4076 SOLE
Yate 1835: 71
Hodgskin 1841: 33
Richardson & Gray 1843: 225
Thomson G 1877: 487, 489
Thomson G 1878: 325, 330
Thomson G 1879: 384
Sherrin 1886: 284, 106
Thomson G 1892: 204
Thomson G 1898a: 577
Thomson G 1901: 574
Hector 1902b: 564
Thomson G. 1909: 16
Anderton 1910: 11–12
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Anderton 1912: 16
Anderton 1913: 14
Thomson G 1919a: 279
Beattie 1920: 60
Thomson G. 1920: 20
Thomson G 1922b: 16
Thomson G. 1923: 13
Young 1926a: 100
Thomson G. 1929: 22
Benham 1936: 27
Graham 1937: 24
Graham D 1939a: 424–427, 430, 432, 434–435
Cassie 1955: 70–71
Graham D 1956: 38, 45–46, 167
Parrott 1957: 158
Banks in Beaglehole 1962: 8, Vol. 2
Beaglehole 1962: 453, Vol. 1
Sorensen 1965b: 119
Cunningham 1966: (1) 682
Paul 1983: 48
Struik 1983: 216
Boyce et al. 1986: 4, *
Anderson A 1997: 5, 7
Leach [et al. 1999A]: *

4077 TURBOT
Hector 1872: 117
Sherrin 1886: 50
Thomson G 1898a: 579
Thomson G 1919a: 279
Benham 1935: 21
Graham D 1939a: 428, 430, 433
Sorensen 1965b: 119
Boyce et al. 1986: 4, *

4078 YELLOWBELLY, YELLOW FLOUNDER
Graham D 1939a: 434
Boyce et al. 1986: 4, *
Pankhurst & Pankhurst 1989: 33

Family Soleidae True soles

Species recognised in 2015:
Aseraggodes bahamondei Randall & Melendez, C., 1987 Bahamonde sole

4079 *Aseraggodes bahamondei*
SOLE, SOUTH PACIFIC SOLE
Paulin et al. 1989: 241, 266, fig. 172.1
Francis M 1996a: 54
Francis M et al. 1999: 571, 573, 578, 582, fig. 12

4080 *Aseraggodes haackeanus*
Paulin 1984b: 67, fig. 6
Paulin & Stewart 1985: 57

Family Cynoglossidae Tonguefishes

Species recognised in 2015:
Symphurus sp. A Sulfur-dwelling tonguefish
Symphurus sp. B Seamount tonguefish
Symphurus sp. C Bigeye tonguefish

No pre-2000 references found.

Order TETRAODONTIFORMES Puffers

Family Triacanthodidae Spikefishes

Species recognised in 2015:
Macrorhamphosodes uradoi (Kamohara, 1933) Spikefish

4081 *Macrorhamphosodes uradoi*
SPIKEFISH
Matsuura 1987: 105–106, fig. 1
Stewart & Clark M 1988: 577, 581–582, fig. 4
Clark & King 1989: 53
Paulin et al. 1989: 242, 266, fig. 173.1
Amaoka et al. 1990: 320, fig.

Family Balistidae Triggerfishes

Species recognised in 2015:
Rhinecanthus rectangulus (Bloch & Schneider, 1801) Wedgetail triggerfish

4082 *Rhinecanthus rectangulus*
Francis M 1991: 219
Francis M 1996a: 55

Family Monacanthidae Leatherjackets

Species recognised in 2015:
Aluterus monoceros (Linnaeus, 1758) Smooth leatherjacket
Aluterus scriptus (Osbeck, 1765) Scrawled leatherjacket
Meuschenia scaber (Forster, 1801) Leatherjacket
Nelusetta ayraudi (Quoy & Gaimard, 1824) Ocean leatherjacket
Thamnaconus analis (Waite, 1904) Darkvent leatherjacket
Thamnaconus hypargyreus (Cope, 1871) Yellowspotted leatherjacket

4083 *Aleutera monoceros*
ROUGH LEATHERJACKET
Paulin & Stewart 1985: 57

4084 *Aleuterus monocerus*
TRIGGER FISH
Powell 1938: 154
Whitley 1956b: 413
Whitley 1968a: 90

4085 *Aleuterus* cf *monoceros*
Powell 1938: 154–155, pl. 37

4086 *Aleuterus*
TRIGGERFISH
Moreland 1959: 29

4087 *Allomonacanthus convexirostris*
FILE FISH, LEATHER JACKET, SMOOTH LEATHER JACKET, SPOTTED LEATHER JACKET, TRIGGER FISH
Graham D 1956: 372–374, one fig.
Whitley 1956b: 413
Parrott 1960: 173–176, fig. 65
Whitley 1968a: 89
Russell 1969: 111

4088 *Alutera monoceros*
Ayling & Cox 1982: 313

4089 *Aluterus monoceros*
ROUGH LEATHERJACKET
Paulin et al. 1989: 243, 266, fig. 174.4
Willis 1995: 68
Francis M et al. 1999: 578

4090 *Aluterus scriptus*
SCRIBBLED LEATHERJACKET
Francis M et al. 1999: 571, 573, 578, 582

4091 *Balistes*
TRIGGER FISH
Rochon 1783
Taylor 1870: 626

4092 *Balister scaber*
Hutton 1872: 71

4093 *Balistes scaber*
Forster G [1772–1775]: 247
Bloch & Schneider 1801: 477–478
Forster J.R. 1801: MS 2, 72
Forster J.R. 1844: 152–153
Gunther 1870: Vol. 8, 249
Hutton 1877: 354
Whitley 1955: 111

4094 *Balistes scabosus*
Richardson J 1846: 65

4095 *Balistes scabrosus*
Solander nd: 21

4096 *Balistes unicornu*
Solander nd: 9, 21

4097 *Brachaluteres taylori*
Paulin et al. 1989: 243, 266, fig. 174.2
Francis M 1991: 216

4098 *Cantharines convexirostris*
SMOOTH LEATHER JACKET
Young 1929: 149

4099 *Cantherines acaber*
CREAMFISH
Kaberry 1957: 90

4100 *Cantherines analis*
Waite 1910b: 371, 378–379

4101 *Cantherines convexirostris*
LEATHERJACKET, TRIGGER FISH
Phillipps 1921a: 123
Phillipps & Hodgkinson 1922: 96
Ayson 1924: 8
Archey 1927: 202–203
Phillipps 1927b: 56
Phillipps 1927c: 14
Hefford 1936: 72
Phillipps 1947: 44
Powell 1951: 72–73, fig. 342

4102 *Cantherines convixirostris*
LEATHER-JACKET
Buck 1926: 646

4103 *Cantherines scaber*
CREAM FISH, LEATHERJACKET, TRIGGER-FISH, FILE-FISH
Phillipps & Hodgkinson 1922: 96
Phillipps 1927b: 56
Phillipps 1927c: 14
Hefford 1936: 72
Graham D 1938: 418
Phillipps 1948: 130
Manter 1954: 498, 558
McKenzie 1960: 45
Beaglehole 1967: 808
Hewitt & Hine 1972: 79
Watkinson & Smith 1972: 49
Wheeler 1981: 798

4104 *Cantherinus scaber*
TRIGGER FISH
Benham 1936: 26

4105 *Monacanthus convexirostris*
LEATHER-JACKET
Gunther 1870: Vol. 8, 248
Hector 1872: 120, pl. 12
Hutton 1872: 71
Hutton 1873b: 271
Hector 1875a: 239
Hutton 1875a: 134
Hutton 1877: 354
Gunther 1880d: 27, 82
Hector 1884b: 55
Hector 1886a: 28
Sherrin 1886: 58–59, 306
Sandager 1888: 131
Hutton 1890: 285
Thomson G 1892: 214
Murray 1895: 599
Hamilton A 1896: 13
Waite 1909a: 47

4106 *Monacanthus rudis*
Steindachner 1901: 517
Waite 1907: 35
Phillipps 1927c: 14
Whitley 1955: 118–119

4107 *Monacanthus scaber*
LEATHER-JACKET
Richardson & Gray 1843: 226
Richardson 1343a: 29
Hutton 1890: 285
Gill 1893: 94–96, 101, 122
Hutton 1904c: 52
Thomson G 1906: 545–546, 552
Waite 1907: 34
Regan 1916a: 134, 147, pl. 10
Rendahl 1925: 13

4108 *Monacanthus serrasquamosus*
Hollard 1854: 345

4109 *Monacanthus*
LEATHER-JACKET
Taylor 1870: 625
Gunther 1880b: 287
Thomson G 1892: 203

4110 *Navodon ayraudi*
Moreland 1975: 291–292, fig. 9

4111 *Navodon australis*
AUSTRALIAN TRIGGERFISH
Whitley 1955: 119
Whitley 1956b: 413
Whitley 1968a: 90
JFA 1977: 127
Boldyrev et al. 1981: 91

4112 *Navodon convexirostris*
LEATHERJACKET
Grace R 1971: 133, 135
Russell 1971a: 25
Russell 1971b: 89
Grace R 1972a: 92
Grace R 1973: 17

Grace A 1974: 23
Grace R 1975: 98
Russell 1975: 305, 308
Grace A 1976: 105
Russell 1977: 31, 34
Leach 1979: 119, 121
Shuntov 1979: 70, *
Leach & Boocock 1993: *
Weisler et al. 1999: 43

4113 *Novodon convexirostris*
FILE FISH, LEATHERJACKET, ROUGH LEATHER JACKET, TRIGGERFISH
Doogue & Moreland 1961: 293–294, one fig.
Graham J 1963: 169
Moreland 1963: 56, one fig.
Wear 1965: 7
Baker 1966: 819–820
McLintock 1966: (3) 708
Powell 1966: (2) 294, one fig.
Morton & Miller 1968: 361, fig. 132
Tong & Elder 1968: 65–66
Japan DSTA 1971: 66, *
Robertson 1975c: 12
Vooren 1975: 121, 134
Crossland 1981a: 49–50, figs 64–68
Crossland 1982b: 18, 43–44, 49

4114 *Navodon scaber*
FILE FISH, LEATHERJACKET, TRIGGER FISH
Heath & Moreland 1967: 24, fig. 32
Sorenson 1970: 5, 18, 23, 35, 48, 55, fig. 26
Doak 1971b: 74–76
Webb 1972b: 6, 7, 11, 16
Doak 1975b: 1743–1744, 4 figs
Gordon & Ballantyne 1976: 30, 32, 34, figs 12, 10
Wei et al. 1976: 57
Francis M 1979: 69
Ayling & Cox 1982: 313
Paul et al. 1983: 8, 15
Vlieg 1984b: 427–434
Fenaughty C et al. 1988: 12

4115 *Nelusetta ayraudi*
CHINAMAN LEATHERJACKET, OCEAN LEATHERJACKET
Ayling & Cox 1982: 313, 315, fig.
Paulin & Stewart 1985: 57
Clark M 1988: 419
Paulin et al. 1989: 243, 266, fig. 174.3

4116 *Novodon scaber*
CREAM FISH, LEATHERJACKET
Anon. 1965: 16, fig. 25
Sorenson 1970: 5, 18, 23, 33, 48, 55, fig. 26

4117 *Paraluteres* sp.
Paulin & Stewart 1985: 57

4118 *Parika scaber*
COSMOPOLITAN LEATHERJACKET, CREAMFISH, FILE FISH, ROUGH LEATHER JACKET, SCABER LEATHERJACKET, SMOOTH LEATHERJACKET, TRIGGER FISH
Graham D 1956: 339, 374–378, one fig.
Parrott 1960: 173–176, fig. 66
Ayling 1978: 1, 9, 66, 70–71, 79–92, 95
Grace & Grace 1978: 134
Nicholson 1979: 137
Willan et al. 1979: 452, 456
Ayling 1981: 830–847
Housley et al. 1981: 39
Thompson 1981: 8, 11, 21, 279–282 (figs), 291, 293, 295, 300, 303, 307, 313, 316, 318, 320, 325, 326, 331
Andrew & Choat 1982: 81
Ayling & Cox 1982: 13, 16, 87, 313–314, pl. 47
Edgar et al. 1982: 148, pl. 133
Bradstock & Gordon 1983: 161
Gunson 1983: 184–185, fig.
Hauraki Gulf Maritime Park Board 1983: 49–50, 170
Kelly 1983: 56, 124
Last et al. 1983: 506, fig.
Russell 1983: 124–143
Thompson & Jones 1983: 97
Davison 1984c: 45
Schiel 1984: 50, 66, 89
Vlieg 1984b: 427–434
Bradstock 1985: pl.
Kingsford & Choat 1985: 622, 624–625, 627–628
Paulin & Stewart 1985: 57
Andrews 1986: 13, 16, 29, 85, 88, 91
Gauldie et al. 1986: 93, fig. 3
Kingsford & Choat 1986: 164–169
Paul 1986: 146, figs
Roberts et al. 1986: 358, 360
Roper 1986: 705–717
Choat & Ayling 1987: 259, 261, 267, 268, 270, 274, 277, 278
Davison 1987a: 131–135, figs 1–8
Davison 1987b: 703–708, figs 1–10
Hardy et al. 1987: 246
Hine et al. 1987: 49
Kingsford & Milicich 1987: 65–79, figs 1–8
Tracey & van den Broek 1987: 128–130, 134
Clark M 1988: 419
Francis M 1988c: 52–53, pls. 143, 144
Gauldie 1988a: 395–396
Jones G 1988: 447–448, 450, 453, 455–457
Kingsford 1988: 465–466, 468, 471–474
Massey 1988: 75–84, fig. 3
Vlieg 1988: 16, 20, 29, 41, 48
Vlieg & Body 1988: 151–161
Kingsford 1989: 15
Kingsford & Choat 1989: 288, 291–292
Kingsford et al. 1989: 184
Murofushi et al. 1989: 35–38, figs 1–3
Paulin et al. 1989: 243, 266, fig. 174.1

Amaoka et al. 1990: 331, fig.
Cole et al. 1990: 201, 203–204, 208, figs 2, 5–7
Jones & Andrew 1990: 507
OECD 1990: 69, 159
Doak 1991: 94, figs
Roberts C 1991: 19
Kingsford 1992: 44–46, 48, 50–53, fig. 8
Milicich & Choat 1992: 1203–1214, figs 1–5
Paul 1992: 900
Paulin & Roberts 1992: 115–116, figs 59a, b, pl. 23B-D
Tricklebank et al. 1992: 268
Francis M 1993b: 142
Paul et al. 1993: 87, fig.
Paulin & Roberts 1993: 198
Hickford & Schiel 1995: 221, figs 3, 5, 7
Willis 1995: 60, 61, 62, 68
Barnett & Pankhurst 1996: 448
Francis M 1996a: 39, 55
Francis M 1996b: 62, pls 150, 151
Hickford & Schiel 1996: 671
Anderson A 1997: 4–6, 11, 12, 16, 20, 21, figs 2, 3
Hickford et al. 1997: 252, 255, fig. 3
Leach 1997: * figs
Moore & Wakelin 1997: 20
Paul & Heath 1997a: 91, fig.
Cole & Keuskamp 1998: 218, 221
Enderby & Enderby 1998: 17, pl,
Horwood et al. 1998: 23, *
Kingsford 1998: 136
Paulin 1998: 35, fig.
Paulin & Roberts 1998: 163, 164, 171, 172
Ryan & Paulin 1998: 134 (pl), 135 (pl)
Sewell 1988: 10
Taylor & Willis 1998: 257
Dudley et al. 2000: 783–787, figs 2, 3
Hine et al. 2000: 38
Paul 2000: 146, 212, figs
Tolimieri et al. 2000: 221, 223

4119 *Parika scabra*
LEATHER JACKET, TRIGGER FISH
Whitley 1955: 111
Whitley 1956b: 413
Whitley 1968a: 89

4120 *Pseudomonacanthus analis*
JFA 1977: 127

4121 *Pseudomonacanthus convexirostris*
SMOOTH LEATHER JACKET
Waite 1911b: 255, 257–258, pl. 57
Waite 1912c: 322

4122 *Pseudomonacanthus scaber*
LEATHERJACKET, ROUGH LEATHER JACKET
Waite 1911b: 255–257, pl. 56
Waite 1912c: 322
Thomson & Anderton 1921: 96, 104
Thomson & Thomson 1923: 111
Benham 1935: 21
Benham 1938: 56–57

4123 *Pseudomonacathus*
LEATHERJACKET
Thomson G 1913: 230, 233
Thomson & Anderton 1921: 69, 78

4124 *Thamnaconus analis*
SPOTTED LEATHERJACKET, TRIGGERFISH
Paulin & Stewart 1985: 57
Marsh 1986: 149–150, 153
Schiel et al. 1986: 529, 530
Francis M et al. 1987: 5
Paulin et al. 1989: 243, 266, fig. 174.5
Cole et al. 1992: 210
Paulin & Roberts 1992: 115
Francis M & Evans 1993: 132, 134
Francis M 1996a: 55

4125 KOKIRI
Gold-Smith 1885: 419

4126 LEATHER[-]JACKET
Polack 1838: 323
Graham D 1939a: 423–424
Parrott 1957: 158
Dickinson 1958: 15
Wellman 1962: 64
Natusch 1967: 233, fig. 74
Doak 1974s: 1590
Doak 1975a: 1742
Boyce et al. 1986: 4, *
Creese et al. 1988: 57–58, fig. 17
Leach [et al. 1999A]: *

4127 TRIGGER FISH
Graham D 1939a: 424, 436
Ballantine 1989: 6

Family Ostraciidae Boxfishes

Species recognised in 2015:
Kentrocapros eco (Phillipps, 1932) Highcrest boxfish
Lactoria diaphana (Bloch & Schneider, 1801) Cowfish
Lactoria fornanisi (Bianconi, 1846)
Ostracion cubicus Linnaeus, 1758 Boxfish
Polyplacapros tyleri Fujii & Uyeno, 1979 Slender boxfish

4128 *Aracana aurita*
Hutton 1873b: 271

4129 *Kentrocapros eco*
BOXFISH
Amaoka et al. 1990: 332, fig.

4130 *Lactophrys trigonus*
Waite 1912b: 198

4131 *Lactoria diaphana*
COWFISH
Paulin & Stewart 1985: 58
Paulin et al. 1989: 266, 266, fig. 125.2c
Francis M 1996a: 55

4132 *Ostracion cubicus*
BOXFISH
Paulin & Stewart 1985: 58
Marsh 1986: 149, 153
Schiel et al. 1986: 530, 531
Francis M et al. 1987: 5
Paulin et al. 1989: 244, 266, fig. 175.2a
Cole et al. 1992: 210
Francis M 1996a: 55
Francis M et al. 1999: 579, 581

4133 *Ostracion eco*
BOX FISH
Phillipps 1932: 233
Whitley 1956b: 413
Parrott 1960: 179–180, fig. 68
Whitley 1968a: 90
Ayling & Cox 1982: 315–316

4134 *Ostracion fornasini*
TRUNK FISH
Hutton 1872: 71–72
Hutton 1873a: 241
Hutton 1874b: 86
Sherrin 1886: 306
Ogilby 1889: 54
Hutton 1890: 285
Gill 1893: 109, 122
Waite 1907: 34
Waite 1912c: 322
Thomson & Anderton 1921: 96
Archey 1927: 202–203
Phillipps 1927b: 56
Phillipps 1927c: 14
Phillipps 1932: 233–234

4135 *Ostracion hexagonus*
Phillipps 1927a: 134–135, pl. 8
Phillipps 1932: 233
Hardy 1990: 14

4136 *Ostracion lindsayi*
Phillipps 1932: 233, fig. 4
Hardy 1990: 14

4137 *Ostracion*
Gunther 1880b: 287
Natusch 1967: 233, fig. 74

4138 *Ostracion* sp.
BOXFISH
Clark M 1988: 419

4139 *Paracanthostracion lindsayi*
BOXFISH, TRUNK FISH
Whitley 1956b: 413
Parrott 1960: 179–180, fig. 69
Whitley 1968a: 90

4140 *Paracanthostracion*
Natusch 1967: 233

4141 *Polyplacapros tyleri*
Paulin & Stewart 1985: 58
Paulin et al. 1989: 244, 266, fig. 175.2b
Amaoka et al. 1990: 333, fig.

Family Tetraodontidae Puffers

Species recognised in 2015:
Arothron firmamentum (Temminck & Schlegel, 1850) Starry toado
Arothron stellatus (Bloch & Schneider, 1801) Astronomer's toado
Canthigaster callisterna (Ogilby, 1889) Clown toado
Contusus richei (Fréminville, 1813) Globefish
Lagocephalus cheesemanii (Clarke, 1897) Cheeseman's puffer
Lagocephalus lagocephalus (Linnaeus, 1758) Jughead puffer
Pelagocephalus marki Heemstra & Smith, 1981 Pelagic puffer
Sphoeroides pachygaster (Müller & Troschel, 1848) Balloonfish
Torquigener altipinnis (Ogilby, 1891) Highfin puffer

4142 *Amblyrhynchotes richei*
Habib 1977b: 489

4143 *Amblyrhynchotus richei*
Gill 1893: 122
Hutton 1904c: 52

4144 *Arothron firmamentum*
STARRY TOADFISH, STARRY TOADO
Hardy 1980: 115–125, figs 1–2, 4
Randall 1981: 206
Ayling & Cox 1982: 318, fig.
Last et al. 1983: 514, fig.
Paulin & Stewart 1985: 58
Paul & Heath 1985: 77, pl. 31
Paul 1986: 147, fig.
Paulin et al. 1989: 245, 266
Paul et al. 1993: 141, fig.
Paul 2000: 147, fig.

4145 *Arothron stellatus*
Hardy 1981b: 311, 314
Paulin & Stewart 1985: 58
Paulin et al. 1989: 245, 266

4146 *Arothron* sp.
BOX FISH
Marsh 1986: 151, 153

4147 *Boesmanichthys firmamentum*
Abe 1952b: 305

4148 *Boesemanichthys gillbanksii*
GLOBE FISH
Whitley 1956b: 413
Whitley 1968a: 91

4149 *Boesemanichthys*
PUFFER
Abe 1952a: 44

4150 *Canthigaster callisterna*
CLOWN TOADO, SHARPNOSED PUFFERFISH
Allen & Randall 1977: 479, 494–495, 505, figs 5(B), 11
Paul 1986: 147, fig.
Roberts et al. 1986: 358, 361
Francis M et al. 1987: 4, 10
Francis M 1988c: 53, pl. 145
Paulin et al. 1989: 245, 266, fig. 176.2
Doak 1991: 98, figs
Cole et al. 1992: 210
Francis M 1996a: 55
Francis M 1996b: 62–63, pl. 152

4151 *Canthigaster callisternus*
CLOWN FISH, CLOWN TOADO, PUFFERFISH, SHARP-NOSED PUFFERFISH
Whitley 1956b: 414
Whitley 1968a: 91
Whitley 1968b: 40
Stephenson 1970: 199–200
Doak 1971a: 74
Doak 1971b: 106
Russell 1971b: 89
Grace R 1973: 17
Grace R 1975: 98
Ayling & Cox 1982: 316, pl. 47
Kelly 1983: 124
Schiel 1984: 50, 68, 89
Paulin & Stewart 1985: 58
Marsh 1986: 148–149, 153
Paul 1986: 147, fig.
Paul 2000: 147, fig.

4152 *Canthigaster caudofasciatus*
Waite 1910b: 379
Francis M et al. 1987: 10

4153 *Canthigaster* sp.
JFA 1977: 127

4154 *Contusus richei*
BALLOON FISH, GLOBE FISH, MOUSE FISH, PRICKLY TOAD FISH, PUFFERFISH
Graham D 1956: 28, 378–381, one fig.
Whitley 1956b: 413
Whitley 1968a: 91
Hewitt & Hine 1972: 82
Habib 1977b: 489
Hardy 1981a: 11–23, fig. 2
Ayling & Cox 1982: 316–317, pl. 48
Last et al. 1983: 515–516, fig.
Eldon & Kelly 1985: 23–26, 49, fig. 21
Paulin & Stewart 1985: 58
Paul 1986: 147, fig.
Hardy C 1989: 31, 39
Paulin et al. 1989: 245, 266
Paul 1992: 900
Paul et al. 1993: 87, fig.
Paul & Heath 1997a: 92
Paulin & Roberts 1998: 163, 169
Paul 2000: 147, fig.

4155 *Crayracion gillbanksii*
Hutton 1904c: 52

4156 *Gastrophysus cheesemanni*
Hutton 1904c: 52

4157 *Lagocephalus cheesemanii*
Paulin & Stewart 1985: 58
Paulin et al. 1989: 245, 266, fig. 176.5

4158 *Lagocephalus lagocephalus*
Ayling & Cox 1982: 316
Paulin & Stewart 1985: 58
Paulin et al. 1989: 245, 266, fig. 176.5

4159 *Liosaccus aerobaticus*
Whitley 1968a: 3, 91
JFA 1977: 128

4160 *Liosaccus cutaneus*
Stephenson 1971: 240
Ayling & Cox 1982: 317

4161 *Pelagocephalus marki*
Hardy 1982b: 377–380, figs 1–2
Paulin & Stewart 1985: 58
Paulin et al. 1989: 245, 266

4162 *Sphaerodes richei*
GLOBE-FISH, STINK-FISH
Graham D 1938: 418

4163 *Sphaeroides cheesemanii*
GLOBE FISH
Whitley 1956b: 413
Whitley 1968a: 91

4164 *Sphaeroides hamiltoni*
GLOBE FISH, TOAD, TOADFISH
Whitley 1956b: 413
Whitley 1968a: 90

4165 *Sphaeroides nitidus*
GLOBE FISH
Whitley 1956b: 413
Whitley 1968a: 91

4166 *Sphaeroides oblongus*
Waite 1910b: 379

4167 *Spheroides cheesemanii*
Waite 1907: 34

4168 *Spheroides gillbanksii*
Waite 1907: 34

4169 *Spheroides hamiltoni*
McCulloch 1929: 430–431

4170 *Spheroides nitidus*
Griffin 1921: 356–357, pl. 55
Powell 1941: 259

4171 *Spheroides pachygaster*
Hardy 1981b: 315

4172 *Spheroides richei*
COMMON TOAD, GLOBE FISH, LITTLE GLOBEFISH, PUFFER, SAND TOAD, TOAD
Waite 1907: 34
Waite 1912c: 322
Thomson G 1913: 234
Thomson & Anderton 1921: 96
McCulloch 1929: 431
Doogue & Moreland 1961: 296, one fig.
Graham J 1963: 169
Moreland 1963: 56, one fig.
Heath & Moreland 1967: 24, fig. 34
Webb 1972g: 570–601, figs 17, 18
Webb 1973a: 45–66
Webb 1973d: 223–234, figs 1, 2
Webb 1973e: 301–305
McDowall 1976: 27
Habib 1977b: 489
Francis M 1979: 69
Shuntov 1979: 70, *
Hine et al. 2000: 27

4173 *Spheroides*
GLOBE FISH
Archey 1927: 202

4174 *Spheroides* sp.
PUFFER FISH
Wodzicki & Moreland 1966: 98
Wingham 1985: 233
Robertson 1992: 80

4175 *Sphoeroides*
Natusch 1967: 233, fig. 74

4176 *Sphoeroides cheesemanii*
Phillipps 1927b: 56
Phillipps 1927c: 14

4177 *Sphoeroides gillbanksii*
GILLBANK'S GLOBE FISH
Phillipps 1927b: 56
Phillipps 1927c: 14

4178 *Sphoeroides hamiltoni*
GREEN PUFFERFISH
Ayling & Cox 1982: 317, pl. 48

4179 *Sphoeroides nitidus*
Phillipps 1927b: 57
Phillipps 1927c: 14

4180 *Sphoeroides pachygaster*
DEEPWATER PUFFERFISH
Ayling & Cox 1982: 317, fig.
Paulin & Stewart 1985: 58
Clark M 1988: 419
Paulin et al. 1989: 245, 266
Amaoka et al. 1990: 334, fig.

4181 *Sphoeroides richei*
GLOBE FISH
Phillipps 1927b: 56
Phillipps 1927c: 14
Ayling & Cox 1982: 316

4182 *Tetradon richei*
GLOBE FISH
Sherrin 1886: 306

4183 *Tetraodon firmamentum*
Scott E 1955: 64
Hardy 1980: 115–125

4184 *Tetraodon hamiltoni*
Richardson & Gray 1843: 226
Richardson J 1843a: 28–29
Taylor 1870: 625
Hardy 1983b: 84

4185 *Tetraodon*
Parrott 1948: 160

4186 *Tetrodon cheesemanii*
Clarke 1897a: 244, 47–50, pl. 15
Hector 1897: 604

4187 *Tetrodon gillbanksii*
Clarke 1897a: 244–247, pl. 14
Hector 1897: 604
Parrott 1948: 159
Abe 1952b: 305
Hardy 1980: 115–125, fig. 1
Hardy 1990: 14

4188 *Tetrodon hamiltoni*
Richardson J 1846: viii, 63, pl. 39

4189 *Tetrodon richei*
GLOBE FISH
Gunther 1870: Vol. 8, 285
Hutton 1872: 72
Hutton 1875a: 134
Hutton 1890: 285
Clarke 1897a: 244
Habib 1977b: 489

4190 *Tetrodon*
Hector 1897: 604
Parrott 1948: 159

4191 *Torquigener altipinnis*
Hardy 1983b: 31, fig. 3
Paulin & Stewart 1985: 58
Schiel et al. 1986: 530
Hardy G 1989c: 122
Paulin et al. 1989: 245, 266

4192 *Torquigenor hamiltoni*
Allen et al. 1976: 441

4193 *Uranostoma richiei*
PUFFERFISH
Wilkinson 1973: 141–146
Habib 1976c: 133–137, fig. 1
Habib 1977a: 3–7
Habib 1977b: 489–500, figs 2–3
Habib 1977c: 755–766, figs 1–5
Habib 1979: 71–78, figs 1–5

4194 GLOBE-FISH
Hector 1897: 604
Moreland 1959: 29

Family Diodontidae Porcupinefishes

Species recognised in 2015:
Allomycterus pilatus Whitley, 1931 Southern burrfish
Chilomycterus reticulatus (Linnaeus, 1758) Spotfin burrfish
Diodon hystrix Linnaeus, 1758 Spotfin porcupinefish

4195 *Allomycterus faculiterus*
PORCUPINEFISH
Japan, DSTA 1971: 66, *

4196 *Allomycterus jaculiferus*
HEDGEHOG, PORCUPINE-FISH
Colenso 1844: 52
McCulloch 1921: 141–142, pl. 33
Phillipps 1927b: 57
Phillipps 1927c: 14
McCulloch 1929: 434
Phillipps 1932: 234
Graham D 1938: 418
Powell 1951: 72, fig. 341
Manter 1954: 558
Doogue & Moreland 1961: 295–296, one fig.
Graham J 1963: 169
Wear 1965: 7
Baker 1966: 820
McLintock 1966: (3) 709
Powell 1966: (2) 833, one fig.
Heath & Moreland 1967: 24, fig. 33
Natusch 1967: 234, figs 60, 74
Tong & Elder 1968: 65–66
Hewitt 1969a: 159
Shuntov 1970: 373
Hewitt & Hine 1972: 77
Webb 1972b: 6, 7, 11, 16
Grace R 1975: 98
Robertson 1975c: 9
Korea FRDA 1978: 67, *
Smith & Crossland 1978: 342
Shuntov 1979: 70, *
Ayling & Cox 1982: 318–319, fig.
Boldyrev et al. 1981: 89
Crossland 1982b: 44
Gunson 1983: 182–183, figs
Kelly 1983: 124
Paul et al. 1983: 15
Jones J 1985: 264
Paulin & Stewart 1985: 58
Pilgrim 1985: 36
Andrews 1986: 88
Paul 1986: 147, fig.
Roberts et al. 1986: 358
Hardy et al. 1987: 246
Hine et al. 1987: 49
Clark M 1988: 419
Francis M 1988c: 53, pl. 146
Sewell 1988: 10
Paulin et al. 1989: 246, 266, fig. 177.2
Amaoka et al. 1990: 335

Paul et al. 1993: 87, fig.
Francis M 1996a: 55
Francis M 1996b: 63, pl. 153
Anderson A 1997: 4, 6, 11
Leach 1997: * figs
Leach et al. 1997b: 103, 105, 112
Paul & Heath 1997a: 93, fig.
Paulin & Roberts 1998: 163
Hine et al. 2000: 34
Paul 2000: 147, fig.

4197 *Allomycterus pilatur*
JFA 1977: 128

4198 *Allomycterus pilatus*
PORCUPINE FISH
Amaoka et al. 1990: 335, fig.

4199 *Allomycterus whitleyi*
PORCUPINE FISH
Phillipps 1932: 234, fig. 5
Graham D 1956: 381–383, one fig.
Whitley 1956b: 414
Parrott 1960: 177–178, fig. 67
Whitley 1968a: 92
Russell 1971b: 89
Grace A 1974: 23
Grace A 1976: 105
Wei et al. 1976: 57, fig.
Francis M 1979: 69
Nicholson 1979: 137
Willan et al. 1979: 452
Housley et al. 1981: 39
Thompson 1981: 21, 278, 283–284 (figs), 303–304, 325
Pilgrim 1985: 30, 32
Hardy 1990: 14

4200 *Chilomycterus jaculiferus*
PORCUPINE-FISH
Gunther 1870: 313
Hutton 1872: 73
Hutton 1873b: 271
Sherrin 1886: 306
Thomson G 1890: 372, 375
Ho 1975: 316, 318

4201 *Chilomycterus*
Hutton 1890: 285

4202 *Dicotylichthys jaculiferus*
PORCUPINE FISH
Hutton 1873b: 271
Hutton 1890: 285
Gill 1893: 122
Clarke 1897a: 244
Hutton 1904c: 52
Waite 1907: 34
Thomson G 1913: 234
Kirk 1916: 384–385, 1 fig.
Thomson & Anderton 1921: 96
Phillipps 1947: 44

4203 *Dicotylichthys*
PORCUPINE FISH
Archey 1927: 202

4204 *Diodon hystrix*
Waite 1910b: 379
Thompson 1981: 278
Paulin & Stewart 1985: 58
Paulin et al. 1989: 246, 266, fig. 177.1
Francis M 1996a: 55

4205 *Diodon*
PORCUPINE FISH
Polack 1840: 202
Taylor 1855: 411
Hector 1897: 604
Regan 1916a: 134, 147
Doak 1975a: 1742

4206 *Diadona globulas*
Taylor 1870: 625

4207 *Tragulichthys jaculiferus*
Paulin & Roberts 1998: 169

Family Molidae Sunfishes

Species recognised in 2015:
Masturus lanceolatus (Liénard, 1840) Sharptail sunfish
Mola ramsayi (Giglioli, 1883) Sunfish
Ranzania laevis (Pennant, 1776) Oblong sunfish

4208 *Diodon mola*
SUNFISH
Polack 1838: 323

4209 *Masturus lanceolatus*
POINTED-TAIL OCEAN SUNFISH, SHARPTAILED SUNFISH
Paulin et al. 1982: 11, 13–15, 17, fig. 2
Paulin & Stewart 1985: 59
Kan 1986: 552–553
Paul 1986: 148
Paulin et al. 1989: 247, 266, fig. 178.3
Paul & Heath 1997b: 92, fig.
Paul 2000: 148

4210 *Mola lanceolata*
SHARPTAIL SUNFISH
Thompson 1981: 278

4211 *Mola mola*
OCEAN SUN FISH, SUN-FISH
Gill 1893: 122
Hutton 1904c: 53
Thomson G 1906: 552
Waite 1907: 34
Waite 1913a: 223, pl. 9
Phillipps 1919: 30
Thomson & Anderton 1921: 96
Phillipps 1926c: 169–179, figs 1–3
Archey 1927: 202
Phillipps 1927b: 57
Phillipps 1927c: 14
McCulloch 1929: 436
Hefford 1936: 72
Graham D 1938: 418
Phillipps 1947: 48
Morrow & Mauro 1950: 108–115
Powell 1951: 73, fig. 345
Manter 1954: 533, 559
Whitley 1956b: 414
Moreland 1957: 34
Moreland 1959: 30
Robinson 1959a: 150, 152–153
Manter 1960: 197
Parrott 1960: 181–183, fig. 70
McCann 1961: 7–19, two figs
Hewitt 1964a: 153
McLintock 1966 (3) 709
Powell 1966 (3) 327–328, one fig.
Gaskin & Cawthorn 1967: 167
Natusch 1967: 234–235, fig. 75
Hewitt 1968b: 49, 56–57
Whitley 1968a: 92
Hewitt 1971: 323, 327
Russell 1971b: 89
Hewitt & Hine 1972: 89–90
Webb 1972f: 88
Ryan 1974: 135
McCann Y.M.C. 1975: 1771–1772, 2 figs
Robertson 1975c: 4
Russell 1975: 306
Grace A 1976: 105
Francis M 1979: 69
McDowall 1979a: 208
Thompson 1981: 21, 278, 285–287 (figs), 302, 307, 311, 326, 340
Ayling & Cox 1982: 319, fig., pl. 48
Paulin & Habib 1982: 36
Paulin et al. 1982: 11, 15
Gunson 1983: 187, 188, fig.
Kelly 1983: 56, 124
Eldon & Kelly 1985: 23
Paul & Heath 1985: 79, pl. 32
Paulin & Stewart 1985: 59
Pilgrim 1985: 29–30, 37
Marsh 1986: 151, 153
Paul 1986: 148, fig.
Hardy C 1989: 31
Paulin et al. 1989: 247, 266, fig. 178.1
Gauldie 1990d: 193–199, figs
Doak 1991: 68, fig.
Roberts C 1991: 19
Paul et al. 1993: 137, fig.
Paul & Heath 1997b: 92, fig.
Paulin & Roberts 1998: 169
Hine et al. 2000: 55
Paul 2000: 148, fig.

4212 *Mola ramsayi*
SUNFISH
Whitley 1931a: 126–127
Whitley 1933b: 210, fig.
Fraser-Brunner 1951: 110–113, figs 13, 14
Graham D 1956: 26–27, 30, 383–386, one fig.
Whitley 1956b: 414
Graham J 1963: 169
Moreland 1963: 58, one fig.
Whitley 1968a: 92
Gauldie 1990d: 193–199, figs

4213 *Mola*
SUNFISH
McCann 1964: 122–123, fig. 1

4214 *Orthagoriscus mola*
SUNFISH
Hutton 1875a: 134
Hamilton 1886: 135–136
Hanson 1888: 447
Hector 1887b: 447
Hutton 1890: 285
Thomson G 1890: 363, 375
Williams 1893: 110–111, pl. 8
Drew 1897: 286–287
Parker 1897a: 627
Phillipps 1926c: 170

4215 *Orthagoriscus truncatus*
SUNFISH
Hutton 1872: 73–74
Hutton 1873b: 271
Sherrin 1886: 306
Hutton 1890: 285

4216 *Ranzania laevis*
OBLONG SUNFISH, SLENDER SUNFISH
Phillipps 1941b: 245–246, pl. 41
Fraser-Brunner 1951: 95–98, figs 4, 5
Powell 1951: 73, fig. 344
Thompson 1981: 278
Ayling & Cox 1982: 320, fig.
Paulin & Stewart 1985: 59
Paul 1986: 148
Paulin et al. 1989: 247, 266, fig. 178.2
Paul & Heath 1997b: 92, fig.
Paul 2000: 148

4217 *Ranzania makua*
Powell 1937b: 32, pl. 18

4218 ***Ranzania truncata***
LESSER SUNFISH
McCann 1975: 1771–1772

4219 ***Ranzania***
McCann 1961: 16

4220 ***Triurus laevis***
OBLONG SUNFISH
Whitley 1968a: 92

4221 ***Triurus truncatus***
OBLONG SUNFISH
Parrott 196o: 184–185, fig. 71
Natusch 1967: 234–235, fig. 75

4222 ***Triurus truncatus bougainvilleanus***
OBLONG SUNFISH
Whitley 1956b: 414

4223 SUNFISH
Paul 1966c: (1) 677
Doak 1975a: 1742

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4. APPENDIX 1: University theses

Note. This list is largely restricted to D.Sc., Ph.D., M.Sc., and M.A. theses. A few B.Sc. (Hons) theses are included, generally when they have been cited in a subsequent publication. Few have been directly viewed; the titles have been obtained from a number of lists and databases and may vary from the original. It was clear from overlapping sources that some were incomplete, so omissions are probable.

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Wong, F.M.H. (1993). Natural and artificially induced sex inversion in the juvenile snapper, *Pagrus auratus* (Pisces: Sparidae). M.Sc. Thesis, University of Auckland.

Wong, P.C.S. (1978). The histology, histochemistry and ultrastructure of the epidermis of *Myliobatis tenuicaudatus*. M.Sc. Thesis, University of Auckland.

Woods, C.M.C. (2007). Aquaculture of the big-bellied seahorse *Hippocampus abdominalis* Lesson 1827 (Teleostei: Syngnathidae). Ph.D. Thesis, Victoria University of Wellington.

Wylie, A.P. (1946). Some aspects of the anatomy of *Callorhynchus*. M.Sc. Thesis, University of Otago.

Yandle, T.J. (2001). Market-based natural resource management: an institutional analysis of individual tradable quota in New Zealand's commercial fisheries. Ph.D. Thesis, Indiana University.

5. APPENDIX 2: Parliamentary papers

Notes:

1. This list mainly contains titles of reports contained within the Appendices to the Journal of House of Representatives (AJHRs), which were becoming available online (as 'A to Js') as this bibliography was being completed. The complete AJHRs have not been searched, and the list will be incomplete.

2. This list does not include Annual Reports on Fisheries (in Annual Reports of the Marine Department, subsequently in the Ministry of Agriculture and Fisheries), or Annual Reports from other government departments or agencies which may have mentioned fisheries matters. It includes those reports and papers from the late 1800s relating to the development of colonial industries which have been subsequently cited. Others, not subsequently cited (and therefore not found), will be missing; i.e., original sources and records – if such exist – were not searched.

3. The pagination of these titles may vary, as several were issued in different forms: consolidated Appendices, individual Annual Reports, and sectional or individual reports reprinted separately from the annual AJHR compilation.

4. They have been listed chronologically, rather than by author, compiler, or Commission chairman.

Anon. (1840). [Evidence of Mr C. Enderby on state of British fisheries in the South Seas, and the desirability of a fishery establishment in New Zealand] in Report from the Select Committee on New Zealand; together with the Minutes of Evidence ... Great Britain, *House of Common Papers, 1840, 582, Vol. 7*, p. 580.

Anon. (1844). [Evidence of Mr G.B. Earp on fisheries] in Report from the Select Committee on New Zealand; together with the Minutes of Evidence ... Great Britain, *House of Common Papers, 1844, 556, Vol. 8*, pp. 131–133.

Hector, J. (Comp.) (1869). Further papers relative to the fisheries of the colony. With reports from Commissioners for Canterbury and Otago. *Appendix to the Journal of the House of Representatives of N.Z. D.–15*. 10 p.

Hector, J. (1870). Report of the Fisheries Commission (Wellington and Kaikouras). *Appendix to the Journal of the House of Representatives of N.Z. D.–9*. 6 p.

Pearson, W.H. (1872). [Stewart Island fisheries] *In*: Correspondence with the Agent-General, London. *Appendix to the Journal of the House of Representatives of N.Z. D.–1*. pp. 25–26.

Anon. (1885). Papers relating to the development of Colonial industries: Fisheries, Correspondence. No. 1: J Mackenzie to the Hon. Sir Julius Vogel, 29 March 1885 [notes on fish resources]. 2 p. No. 2: Messrs. Thomson brothers to the Hon. Sir J. Vogel, 4 April 1885 [fish canning]. 1 p. No. 3: Jas. Rutland, Report on land selected as fishing station in County of Sounds, 20 April 1885. 2 p. No. 4: List of fishes [in Fisheries Conservation Act 1884]. <1 p. No. 5: Dr Hector to the Hon Sir Julius Vogel, On the food fishes of New Zealand, 30 May 1885. 5 p. *Appendix to the Journal of the House of Representatives of N.Z. H.–15*.

Anon. (1890). Fish exported for bonus under "The Fisheries Encouragement Act, 1885," (Return of) from commencement of the act to the 31st August 1890. *Appendix to the Journal of the House of Representatives of N.Z. H.–45A*. 1 p.

Anon. (1891). Proposed limit of size of flounders to be taken (Correspondence relative to). *Appendix to the Journal of the House of Representatives of N.Z. H.–10*. 18 p.

Anon. (1893). Minimum size at which flounders should be taken (Report on question as to). *Appendix to the Journal of the House of Representatives of N.Z. H.–6*. 10 p.

Anon. (1895). The Sea-Fisheries Act, 1894 (Inspectors appointed and fishing craft registered under). *Appendix to the Journal of the House of Representatives of N.Z.* H.–13. 1 p.

Henry, R. (1897). [Notes on marine fishes in Dusky Sound.] In Annual Report of the Lands and Survey Department, Appendix 14: Sanctuaries for Wild Animals. *Appendix to the Journal of the House of Representatives of N.Z. C.–1*. 127–129.

Hector, J. (1897). Protection of mullet (Report by Sir James Hector, K.C.M.G., and evidence taken by him). *Appendix to the Journal of the House of Representatives of N.Z.* H.–17. 24 p.

Thomson, G.M. (1897). New Zealand fisheries, and the desirability of introducing a new species of sea fish. *Appendix to the Journal of the House of Representatives of N.Z.* H.–l7: 21–24.

Ayson, L.F. (1899). New Zealand fisheries and acclimatisation (Report on). Part 1. Marine fisheries. *Appendix to the Journal of the House of Representatives of N.Z.* H.–27: 1–12.

Anon. (1900). "Fisheries Encouragement Act, 1885" (Bonuses paid under) until 31st March, 1900. *Appendix to the Journal of the House of Representatives of N.Z. H.–15B*. 1 p.

Ayson, L.F. (1900). Report on experimental trawling [by the 'Doto', 1900]. *Appendix to the Journal of the House of Representatives of N.Z. H.–15A*. 26 p.

Ayson, L.F. (1901): Report on experimental trawling [by the "Doto", l901]. *Appendix to the Journal of the House of Representatives of N.Z. H.–15A*. 18 p.

Anon. (1901). Bonus paid on canned and cured fish exported (Amount of) under the "Fisheries Encouragement Act, 1885," from the passing of this Act until the 31st March, 1901. *Appendix to the Journal of the House of Representatives of N.Z. H.–37*. 1 p.

Ayson, L.F. (1903). Trawling at Port Chalmers (Report of Inspector of Fisheries on), together with evidence. *Appendix to the Journal of the House of Representatives of N.Z. H.–15B*. 8 p.

Anon. (1907). Experimental trawling (Interim report on). *Appendix to the Journal of the House of Representatives of N.Z. H.–15B*. 33 p.

Ayson, L.F. (1908). Experimental trawling (Report on) [by the "Nora Niven" 1907]. *Appendix to the Journal of the House of Representatives of N.Z. H.–15B*. 36 p.

Ayson, L.F. (1912). Blue Cod Commission (Report of the), held at Bluff on Friday, 27th September, 1912; together with minutes of evidence. *Appendix to the Journal of the House of Representatives of N.Z. H.–15B*. 12 p.

Ayson, L.F. (1913). Fisheries of New Zealand (Reports on), with recommendations for organisation and administration. *Appendix to the Journal of the House of Representatives of N.Z. H.–15B*. 25 p.

Prince, E.E. (1914). Fisheries of New Zealand (Preliminary report on the) by Professor Prince, Commissioner of Fisheries for Canada. *Appendix to the Journal of the House of Representatives of N.Z. H.–15C*. 34 p.

Anon. (1919). Fisheries Commission (Report of Commissioners). *Appendix to the Journal of the House of Representatives of N.Z. H.–28*. 6 p.

Hefford, A.E. (1929). Report on the fisheries of the Hauraki Gulf, with special reference to the snapper fishery and to the effects of "power" fishing (trawling and Danish-seining). Fisheries, Appendix 1. pp. 30–71. *In*: Marine Department Annual Report for 1928–29. *Appendix to the Journal of the House of Representatives of N.Z. H.–15*.

Young, M.W. (1935). Fishery investigations in Pelorus Sound, 1934. – Final Report. Appendix 4, *In*: Marine Department Annual Report on Fisheries for the year ended 31 March 1935: 29–35. *Appendix to the Journal of the House of Representatives of N.Z. H.–15*.

Anon. (1938). Sea Fisheries Investigation Committee (Report of the). *Appendix to the Journal of the House of Representatives of N.Z. H.–44A*. 128 p. [Sometimes cited under Thorn, J.)

Anon. (1956). Caucus Fisheries Committee 1956 (Report of). *Appendix to the Journal of the House of Representatives of N.Z. H.–15A*. 12 p.

Scott, W.J. (1962). Fishing Industry Committee 1962 (Report of the). *Appendix to the Journal of the House of Representatives of N.Z. I.–19*. 87 p.

Anon. (1968). Agreement on fisheries between New Zealand and Japan, with related documents. *Appendix to the Journal of the House of Representatives of N.Z. A.–18*. 12 p.

Dick, A.D. (Chairman) (1972). Fishing Industry Committee 1970–72 (Report of the). 4. (a) Roadside sales of fish. (b) Industry representation on the Fishing Industry Board. (c) Other subjects. *Appendix to the Journal of the House of Representatives of N.Z. I.–14*. 97 p.

6. APPENDIX 3: Articles from the series 'Museum Marine File' in *Seafood New Zealand*

This series of articles by staff of the Fishes Team at the Museum of New Zealand Te Papa Tongarewa was published in the seafood industry's magazine *Seafood New Zealand* between 1993 and 2007. Most include new or significant scientific information. Many of the titles are whimsical, cryptic, or generalised, so the families and genera involved are listed in square brackets to help locate appropriate articles when searching by family or generic name. A few of the articles are of general topics, such as fish collecting. Some additional articles covered other marine organisms (marine mammals, reptiles, crustaceans, invertebrates, and algae) and so are not included here. Listing is by author and date (year/month).

Didier, D. (1995). Ghost sharks and chimaeras of New Zealand. Fishes that only a mother could love. *Seafood New Zealand (Sep. 1995) 3(8)*: 78–79. [Chimaeridae: *Chimaera*, *Hydrolagus*]

McMillan, P.; Stewart, A. (1996). New Zealand oreos – warts and all. *Seafood New Zealand (Oct. 1996) 4(9):* 93–96. [Oreosomatidae: *Allocyttus*, *Neocyttus*, *Oreosoma*, *Pseudocyttus*]

Paulin, C. (1995). Identification of New Zealand mackerels – the case of holy jack mackerel it's Murphy's Law. *Seafood New Zealand (Apr. 1995) 3(3):* 87–92. [Carangidae: *Decapterus*, *Trachurus*. Scombridae: *Scomber*]

Paulin, C. (1995). The Patagonian toothfish – in New Zealand's EEZ? *Seafood New Zealand (May 1995) 3(4):* 101–102. [Nototheniidae: *Notothenia*, *Dissostichus*. Myctophidae: *Electrona*]

Paulin, C. (1995). A new bythitid fish discovered in Fiordland. *Seafood New Zealand (Aug. 1995) 3(7):* 89–92. [Bythitidae: *Bidenichthys*, *Fiordichthys*]

Paulin, C. (1995). Medical fallacy threatens seahorses. *Seafood New Zealand (Oct. 1995) 3(9):* 94–95. [Sygnathidae: *Hippocampus*, *Solegnathus*]

Paulin, C. (1996). Rotten basking sharks and prehistoric monsters. *Seafood New Zealand (Mar. 1996) 4(2):* 94–96. [Cetorhinidae: *Cetorhinus*, *Rhincodon*]

Paulin, C. (1996). The spotty – a queer reef streaker. *Seafood New Zealand (Jun. 1996) 4(5):* 90–91. [Labridae: *Notolabrus*]

Paulin, C. (1996). Electric rays: a shock to the system or simply stunning. *Seafood New Zealand (Jul. 1996) 4(6):* 82–84. [Torpedinidae: *Torpedo*]

Paulin, C. (1997). Pufferfish: deadly clowns. *Seafood New Zealand (Jul. 1997) 5(6):* 91–92. [Tetraodontidae: *Arothron*, *Canthigaster*, *Contusus*, *Lagocephalus*, *Sphaeroides*]

Paulin, C. (1997). Lanternfishes: flashers of the deep. *Seafood New Zealand (Dec. 1997) 5(11):* 77–79. [Myctophidae: *Lampadena*, *Lampanyctodes*, *Myctophum*]

Paulin, C. (1998). The (New Zealand) Port Jackson shark. *Seafood New Zealand (Sep. 1998) 6(8):* 87–88. [Heterodontidae: *Heterodontus*]

Paulin, C. (1998). Tarakihi paperfish puzzles. *Seafood New Zealand (Oct. 1998) 6(9):* 85–86. [Cheilodactylidae; Latridae: *Nemadactylus*]

Paulin, C. (1999). Cook Strait fishes: all washed up? *Seafood New Zealand (May 1999) 7(4):* 74–76. [*Cryptopsaras*, *Tragulichthys*, *Atypichthys*, *Luvarus*, *Merluccius Regalecus*, *Trachypterus*, *Ze*us, *Latris*, *Genypterus*, *Hippocampus*, *Sphyraena*, *Tetrapturus*, *Ruvettus*]

Paulin, C. (1999). Bonnetmouths: rubyfish & redbait. *Seafood New Zealand (Sep. 1999) 7(8):* 74–76. [Emmelichthyidae: *Emmelichthys*, *Plagiogeneion*]

Paulin, C. (2000). A brace of boar fishes. *Seafood New Zealand (Mar. 2000) 8(2)*: 66–68. [Pentacerotidae: *Pentaceros*, *Pseudopentaceros*]

Paulin, C. (2000). Alfonsino and golden snapper: splendid confusion. *Seafood New Zealand (Oct. 2000) 8(9)*: 66–68. [Berycidae: *Beryx, Centroberyx*]

Paulin, C.; Stewart, A. (1996). Flying fishes – the original "exocoets". *Seafood New Zealand (Dec. 1996) 4(11):* 82–83. [Exocoetidae: *Cheilopogon*, *Exocoetus*]

Paulin, C.; Stewart, A. (1999). Butterfly tuna; a distinctive and enigmatic rarity. *Seafood New Zealand (Aug. 1999) 7(7):* 74–76. [Scombridae: *Gasterochisma*]

Paulin, C.; Stewart, A. (2001). Kingfish. *Seafood New Zealand (Feb. 2001) 9(1)*: 70–72. [Carangidae: *Seriola*]

Paulin, C.D. (1993). Two species of kahawai. *Seafood New Zealand (Sep. 1993) 1(2):* 93. [Arripidae: *Arripis*]

Paulin, C.D. (2003). Charismatic megafauna. *Seafood New Zealand (Jun. 2003) 11(5)*: 61–63. [Moridae: *Lepidion*]

Paulin, C.D. (2003). Seaperch – how many species? *Seafood New Zealand (Aug. 2003) 11(7)*: 61–63. [Sebastidae: *Helicolenus*]

Paulin, C.D. (2004). New Zealand scorpionfishes (genus *Scorpaena*). *Seafood New Zealand (Jun. 2004) 12(5)*: 61–63. [Scorpaenidae: *Scorpaena*]

Paulin, C.D. (2005). A rich myxing [sic] of mullet. *Seafood New Zealand (Dec. 2005) 13(11)*: 61–63. [Mugilidae: *Aldrichetta*, *Mugil*]

Roberts, C. (1994). New deep water triplefins discovered – world depth record broken. *Seafood New Zealand (Jul. 1994) 2(6):* 101–102. [Tripterygiidae: *Apopterygion*, *Forsterygion*]

Roberts, C. (1995). Giant sawbelly – a rare fish with an identity problem. *Seafood New Zealand (Feb. 1995) 3(1):* 106–107. [Trachichthyidae: *Hoplostethus*, *Optivus*, *Paratrachichthys*]

Roberts, C. (1996). Coastal fishes of Kapiti and Mana Islands: 1996 museum survey. *Seafood New Zealand (May 1996) 4(4):* 88–92. [Species list]

Roberts, C. (1996). NZ EEZ fishes project. Over 1,200 species to be described. *Seafood New Zealand (Aug. 1996) 4(7):* 82–84. [Background to the 2015 book *The Fishes of New Zealand*.]

Roberts, C. (1998). Two odd cod. (Weever need for rare sandperch.) *Seafood New Zealand (Feb. 1998) 6(1):* 95–96. [Pinguipedidae: *Parapercis*]

Roberts, C. (1998). Secretive sandfishes sought. *Seafood New Zealand (Apr. 1998) 6(3):* 83–84. [Gonorynchidae: *Gonorynchus*]

Roberts, C. (1998). Whalers wanted. [Whaler sharks] *Seafood New Zealand (Dec. 1998) 6(11):* 81–82. [Carcharhinidae: *Carcharhinus*]

Roberts, C. (1999). Sabiki caught fishes aid identification research. [Deepwater lining with light tackle] *Seafood New Zealand (Feb. 1999) 7(1):* 85–88. [Southern splendid perch, trumpeter, hapuku, Chilean mackerel, seaperch, scarlet wrasse, banded wrasse, red cod, rubyfish, tarakihi, king tarakihi. No scientific names.]

Roberts, C. (1999). Black roughy. *Seafood New Zealand (Jul. 1999) 7(7):* 74–76. [Diretmidae: *Diretmoides*, *Diretmus*]

Roberts, C. (1999). Two tinselfishes. *Seafood New Zealand (Dec. 1999) 7(11):* 78–80. [Grammicolepididae: *Grammicolepis*, *Xenolepidichthys*]

Roberts, C. (2000). Small dealfishes. *Seafood New Zealand (May 2000) 8(4)*: 69–72. [Trachipteridae: *Trachipterus*]

Roberts, C. (2000). Giant sawbelly: two N.Z. species. *Seafood New Zealand (Jun. 2000) 8(5)*: 86–88. [Trachichthyidae: *Hoplostethus*]

Roberts, C. (2000). Juvenile bass discovered out west. *Seafood New Zealand (Nov. 2000) 8(10)*: 82–84. [Polyprionidae: *Polyprion*]

Roberts, C.; Paulin, C. (1994). Orange roughy – the first fish. *Seafood New Zealand (Apr. 1994) 2(3):* 41–42. [Trachichthyidae: *Hoplostethus*]

Roberts, C.; Stewart, A. (1998). Magnificent moonfishes. *Seafood New Zealand (Jul. 1998) 6(6):* 91–92. [Lampridae: *Lampris*]

Roberts, C.; Stewart, A. (2001). Industry fish specimens 2000. *Seafood New Zealand (Mar. 2001) 9(2)*: 65–68. [*Metavelifer*, *Hyperoglyphe*, *Histrio*, *Typhlonarke*, *Chaunax*, *Cubiceps*, *Antennarius*, *Barbourisia*, *Grammicolepis*]

Roberts, C.D. (1993). New fishes from the Kermadec Ridge. *Seafood New Zealand (Nov. 1993) 1(4):* 102–103. [Lutjanidae; Tarakihi]

Roberts, C.D. (1996). Hapuku and bass: the mystery of the missing juveniles. *Seafood New Zealand (Feb. 1996) 4(1):* 17–21. [Polyprionidae: *Polyprion*]

Roberts, C.D.; Paulin, C.D.; Smith, P.J (2002). Molecular techniques identify "problem" marine fishes. *Seafood New Zealand (Jul. 2002) 10(6)*: 61–64. [Latrididae. Ophidiidae: *Genypterus*]

Roberts, C.D.; Smith, P.J. (2004). Molecular research shows striped trumpeter closest relative of new silver trumpeter. *Seafood New Zealand (May 2004) 12(4)*: 61–63. [Latridae: *Latridopsis*, *Latris*, *Mendosoma*]

Roberts, C.D.; Smith, P.J. (2005). Pink maomao. How many species? *Seafood New Zealand (Jul. 2005) 13(6)*: 62–63. [Serranidae: *Caprodon*]

Roberts, C.D.; Stewart, A.L (2002). Two new foxfishes described. *Seafood New Zealand (Feb. 2002) 10(1)*: 81–84. [Labridae: *Bodianus*]

Smith, P.J.; Roberts, C.D. (2000). Blue and copper moki: one or two species? *Seafood New Zealand (Jul. 2000) 8(6)*: 78–80. [Latrididae: *Latridopsis*]

Smith, P.J.; Roberts, C.D. (2004). Silver roughy: how many species? *Seafood New Zealand (Jul. 2004) 12(6)*: 63. [Trachichthyidae: *Hoplostethus*]

Stewart, A. (1994). Ancient goblins captured. *Seafood New Zealand (May 1994) 2(4):* 91–92. [Mitsukurinidae: *Mitsukurina*]

Stewart, A. (1994). Imperial visitor stranded – the rare louvar. *Seafood New Zealand (Jun. 1994) 2(5):* 102–103. [Luvaridae: *Luvaris*]

Stewart, A. (1994). Anglerfishes – a story of parasitic sex and meals by trickery. *Seafood New Zealand (Aug. 1994) 2(7):* 102–105. [Antennariidae: *Histrio*. Ceratiidae: *Ceratias*, *Cryptopsaras*. Chaunacidae: *Chaunax*. Gigantactinidae: *Gigantactis*. Himantolophidae: *Himantolophus*. Ogcocephalidae: *Halieutaea*, *Malthopsis*. Linophrynidae: *Haplophryne*. Lophiidae. Melanocetidae: *Melanocetus*. Oneirodidae.]

Stewart, A. (1994). Exploratory trawls sample new deepwater fishes. *Seafood New Zealand (Sep. 1994) 2(8):* 105–107. [Barbourisidae: *Barbourisia*. Bathysauridae: *Bathysaurus*. Himantolophidae: *Himantolophus*. Synodontidae. Muraenolepididae: *Muraenolepis*. Nettastomatidae: *Venefica*. Ophidiidae: *Spectrunculus*. Rhinochimaeridae: *Harriotta*]

Stewart, A. (1995). New Zealand sea serpents: oarfishes and their relatives. *Seafood New Zealand (Mar. 1995) 3(2):* 101–104. [Lophotidae: *Lophotus*. Trachipteridae: *Desmodema*, *Trachipterus*, *Zu*. Regalecidae: *Agrostichthys*, *Regalecus*]

Stewart, A. (1995). Insignificant snailfishes: a study in small diversity. *Seafood New Zealand (Jun. 1995) 3(5):* 101–104. [Liparididae: *Careproctus*, *Paraliparis*, *Psednos*]

Stewart, A. (1995). Thresher sharks – a tail to tell. *Seafood New Zealand (Nov. 1995) 3(10):* 92–96. [Alopiidae: *Alopias*]

Stewart, A. (1996). Pale snipe eels – a New Zealand record. *Seafood New Zealand (Apr. 1996) 4(3):* 81. [Nemichthyidae: *Nemichthys*]

Stewart, A. (1996). The swordfish: an awesome oceanic gladiator. *Seafood New Zealand (Apr. 1996) 4(3):* 80–82. [Istiophoridae, Xiphiidae: *Xiphias*]

Stewart, A. (1996). Frostfish – in from the cold. *Seafood New Zealand (Nov. 1996) 4(10):* 98–100. [Trichuridae: *Aphanopus*, *Benthodesmus*, *Lepidopus*. Gempylidae: *Paradiplospinus*]

Stewart, A. (1997). Remoras: ocean hitchhikers. *Seafood New Zealand (Apr. 1997) 5(3):* 66–67. [Echeneididae: *Remora*]

Stewart, A. (1997). Sunfishes – sculling superfish. *Seafood New Zealand (Jun. 1997) 5(5):* 89–91. [Molidae: *Masturus*, *Mola*, *Ranzania*]

Stewart, A. (1997). Toothy sand tiger. *Seafood New Zealand (Oct. 1997) 5(9):* 91–92. [Odontaspidae: *Odontaspis*]

Stewart, A. (1998). NZ hagfishes – it's slime time! *Seafood New Zealand (Mar. 1998) 6(2):* 83–84. [Myxinidae: *Eptatretus*, *Nemamyxine*, *Neomyxine*]

Stewart, A. (1998). Dragonets. *Seafood New Zealand (May 1998) 6(4):* 75–76. [Callionymidae: *Callionymus*, *Foetorepus*]

Stewart, A. (1998). Summer visitors. *Seafood New Zealand (Jun. 1998) 6(5):* 77–79. [*Ranzania*, *Alutera*, *Seriola*, *Kyphosus*]

Stewart, A. (1998). Mysterious manefishes. *Seafood New Zealand (Aug. 1998) 6(7):* 79–80. [Caristiidae: *Caristius*, *Platyberyx*]

Stewart, A. (1999). Three "barra" boys: 'cuda, 'cudina and 'couta. *Seafood New Zealand (Mar. 1999) 7(2):* 78–80. [Sphyraenidae: *Sphyraena*. Paralepididae: *Magnisudis*. Gempylidae: *Thyrsites*]

Stewart, A. (1999). Summer visitors 1999. *Seafood New Zealand (Apr. 1999) 7(3):* 78–80. [Antennaridae: *Antennarius*. Serranidae: *Epinephelus*. Sphyraenidae: *Sphyraena*. Scombridae: *Acanthocybium*. Tetraodontidae: *Lagocephalus*]

Stewart, A. (1999). Deadly daggertooth. *Seafood New Zealand (Oct. 1999) 7(9):* 74–76. [Anotopteridae: *Anotopterus*]

Stewart, A. (1999). Rudderfish – neither escolar nor oilfish. *Seafood New Zealand (Nov. 1999) 7(10):* 82–84. [Centrolophidae: *Centrolophus*, *Icichthys*, *Schedophilus*, *Tubbia*]

Stewart, A. (2000). False catshark – a real rarity. *Seafood New Zealand (Feb. 2000) 8(1)*: 74–76. [Pseudotriakidae: *Pseudotriakis*]

Stewart, A. (2000). Vagrant veilfin. *Seafood New Zealand (Apr. 2000) 8(3)*: 70–72. [Veliferidae: *Metavelifer*]

Stewart, A. (2000). Spectacular swallowers: deepwater by-catch. *Seafood New Zealand (Aug. 2000) 8(7)*: 69–72. [Chiasmodontidae: *Chiasmodon*, *Dysalotus*, *Kali*, *Pseudoscopelus*]

Stewart, A. (2000). The frill shark. *Seafood New Zealand (Sep. 2000) 8(8)*: 74–76. [Chlamydoselachidae: *Chlamydoselachus*]

Stewart, A. (2000). Lancetfishes: two sharp pelagics. *Seafood New Zealand (Dec. 2000) 8(11)*: 69–72. [Aleposauridae: *Alepisaurus*]

Stewart, A. (2001). Bramble sharks; prickly customers. *Seafood New Zealand (Apr. 2001) 9(3)*: 70–72. [Echinorhinidae: *Echinorhinus*]

Stewart, A. (2001). Rays bream: three similar species. *Seafood New Zealand (Aug. 2001) 9(7)*: 77–80. [Bramidae: *Brama*, *Xenobrama*]

Stewart, A. (2001). Pomfrets in New Zealand waters. *Seafood New Zealand (Oct. 2001) 9(9)*: 77–80. [Bramidae: *Taractes*, *Taractichthys*]

Stewart, A.; Francis, M. (1994). Sleepy giant caught napping – rare sleeper shark collected. *Seafood New Zealand (Dec. 1994) 2(11):* 95–97. [Somniosidae: *Somniosus*]

Stewart, A.; McMillan, P. (1995). NZ zeids: the dory story. *Seafood New Zealand (Jul. 1995) 3(6):* 81–84. [Cyttidae: *Cyttus*. Zeniontidae: *Capromimus*. Parazenidae: *Cyttopsis*. Zeidae: *Zenopsis*, *Zeus*]

Stewart, A.; Roberts, C. (1996). Wingfish, fanfish: blue-fish, drab-fish. *Seafood New Zealand (Sep. 1996) 4(8):* 90–92. [Bramidae: *Pteraclis*, *Pterycombus*]

Stewart, A.; Roberts, C. (1997). Cookiecutter capers. *Seafood New Zealand (Aug. 1997) 5(7):* 87–88. [Dalatiidae: *Isistius*]

Stewart, A.; Roberts, C. (1997). Hopeful hammerjaw. *Seafood New Zealand (Nov. 1997) 5(10):* 87–88. [Omosudidae: *Omosudis*]

Stewart, A; Roberts, C.D. (1999). Identification of tuna longline bycatch: snake mackerel, escolar and oilfish.] *Seafood New Zealand (Jun. 1999) 7(5):* 82–84. [Gempylidae: *Gempylus*, *Lepidocybium*, *Ruvettus*]

Stewart, A.L (2002). Mantas and devilrays. *Seafood New Zealand (Apr. 2002) 10(3)*: 65–68. [Mobulidae: *Mobula.* Myliobatidae]

Stewart, A.L (2002). Sergeant bakers; ladyfish and fourfinger. *Seafood New Zealand (Jun. 2002) 10(5)*: 81–84. [Aulopidae: *Hime*]

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7. SUBJECT INDEX

This index covers all references, 1769–2015. The sequence for each entry is alphabetical by author and then by date. The suffix 'a', 'b', etc. follows normal usage, i.e., references to more than one paper by the same author or the same set of authors in the same year. The suffix 'A', 'B', etc. is used in 'et al.' citations and references when a principal author combines with different sets of co-authors in the same year.

Papers describing new species or new distribution records, or which review or revise genera, are not covered by this index. They are more easily located using word searches within the entire document.

Hoki (*Macruronus novaezelandiae*) Gauldie 1993a, 1996; Horn & Sullivan 1996; Kenchington & Augustine 1987; Kuo & Tanaka 1984d,e; Kalish et al. 1997
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De Salas et al 2005; Jones & Rhodes 1994; Shi et al. 2012

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General Beattie 1891 (*Lotella bachus*); Davie 1990 (marlins); Gibbs & Collette 1966 (tunas); Knox F 1872 (*Mugil* sp.); Powell L 1879 (*Regalecus pacificus*); Stenhouse 1894 (*Agriopus leucopaecilus*)
Air/swim-bladder Parker 1883f; Paulin 1988; Phillipps 1928a
Alimentary tract Parker 1885; Richardson L 1848
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Brain Housley & Montgomery 1983; Montgomery 1981, 1982, 1983; Montgomery & Cotton 1985; Montgomery & Housley 1983; Montgomery & MacDonald 1980; Montgomery & Saunders 1985; Parker 1886c

Eyes Carton & Vaughan 2010; Fineran & Nicol 1974; Harris J 1965; Housley & Montgomery 1984; Pankhurst N 1989b; Pankhurst P et al. 1993; Pankhurst P 1994; Pankhurst P & Eagar 1996; Pankhurst et al. 1993

Lateral line Bassett et al. 2006; Boord & Montgomery 1989; Carton & Montgomery 2004; Montgomery et al. 1995; Roper 1981a; Saunders & Montgomery 1985; Wellenreuther et al. 2010

Musculature Bremner & Hallett 1986; Davison 1984c; Hallett & Bremner 1988; Simpson et al. 2000

Nervous system Johnston W 1938; Poole & Satchell 1979

Reproductive system Kirk H 1916; Parker 1883d,e, 1892b

Scales Roberts C 1993a

Skeletal system Gillis & Lyon 2011; Lambrides & Weisler 2013; Parker 1881b, 1886e, 1891a

Skin and subdermal tissue McDowall 1981

Vascular system Davie & Daxboeck 1984; Kirk H 1912; Parker 1981a,b, 1886d, 1887a; Prior & Marples 1945; Richardson et al. 1944; Rickenbach et al. 1989; Satchell 1971; Sundin et al. 1994

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General Beardsell 1989; Dinamani & Hickman 1980; Forrest et al.; Hickman 1979; Rennie 2006a,b; Rennie et al. 2009; Symonds et al. 2012; Tong 1989

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Growth Davison & Herbert 2013; Khan et al. 2014; Moran 2007; Moran et al. 2009

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Property rights Harte & Bess 2000

Seahorse (*Hippocampus abdominalis*) Woods C 2000, 2003b,c,d,f, 2005b; Woods & Valentino 2004; Wright et al. 2007

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Adam & Strahan 1963; Barnett & Pankhurst 1998; Richardson L 1952

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General Bess 2006; Campbell M A015/2016; Davidson J 1984; Higham & Horn 2000; Lambrides & Weisler 2013, 2015; Leach 1997, Leach & Anderson 1979a,b; Leach & Davidson 2000b, 2001a,b; Leach et al. 1997, 2001; Nichol & Wild 1984; Shawcross 1975; Smith I 2011b; Swadling 1976; Walter et al. 1996

New Zealand Anderson A 1997, 2002, 2008; Coutts 1975: Leach 2006

Northland Leach & Davidson 2000a; Leach et al. 1997b

Auckland/Hauraki Gulf/Coromandel Allen 2014; James-Lee & Gumbley 2012; Sewell B 1988; Shawcross 1967; Smith I 2011a, 2013; Smith I & James-Lee 2010

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Snapper Leach & Boocock 1994, 1995; Leach & Davidson 2000a

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Billfishes Green 1988
Coastal studies Schiel 1991
Freshwater fishes McDowall 1964b; Richardson J & McDowall 1987
Hauraki Gulf Kelly 1983
Marine reserves Gordon & Ballantine 1976; Willis 2013
Oceanography N.Z. Oceanographic Committee 1965
Parasites Blair 1984; Young MR 1938; Hine et al. 2000
Tuna Bailey 1988; Green 1988

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Beaumont et al. 2012; Clark M et al. 2012; Clark & Roberts M 2006; Clark & Roberts 2008; Costello et al. 2007; Dick et al. 2013; Eschmeyer et al. 2010; Gordon & Ballantine 2013; Gordon et al. 2010; Hewitt J et al. 2015; King et al. 2009; Leathwick et al. 2006; Lörz et al. 2010; Morrison et al. 2009; Rowden et al. 2003, 2010; Smith P 2001

Bioeconomics/economics of fisheries (see also Individual transferable quotas, Property resources and rights)

Anderson T et al. 2011; Campbell et al. 1993; Castle L 1969; Cosh 1982; Dickie 1983; Duncan A 1983, 1985; France 1983; Gilbert D 1988; Jarman 1979; Johnson R 1995; Kenton 1983; Kerr & Sharp 1985; Larkin et al. 2001; Lindner et al. 1992; McClurg 2001a,b; Maloney 1991; Marchal [et al. 2009A,B]; Newell et al. 2005; Riley 1982; Sandrey & O'Donnell 1985a,b; Sharp 1996; Stewart J & Callagher 2003a; Townsend 2010; Walker & Townsend 2008; Williamson 2001; Wyatt 2001

Biogeography

General Fricke et al. 2011; Gill 1893; Grant & Bowen 1998; Hubbs 1952; Hutton 1873a, 1874b; McDowall 1978a, 1979a; Mead 1970; Mooi & Gill 2002; Moreland 1959; Myers 1940; Parin 1979; Paulin & Roberts 1993; Phillipps 1930; Przeslawski et al. 2011; Springer V 1982; Svetovidov 1956; Ward et al. 2008
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Snapper (*Pagrus auratus*) Zeldis 1993a,b; Zeldis & Francis 1998

Bomb radiocarbon and fish ageing (see also Ageing: Radiometric studies)

Francis RI et al. 2010; Horn et al. 2010, 2012; Kalish 1993

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Bycatch mitigation, modification of fishing methods

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Squid (Mollusca) Anderson O et al. 2000, 2013A; Ballara & Anderson 2009
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Dolphins/cetaceans Hughey 2000; Pichler & Baker 2000; Stone et al. 1997; Baird 2007; Conroy M et al. 2008; Dawson S 1991; Dawson & Slooten 1993, 2005; Du Fresne et al. 2007; Pichler et al. 2003; Thompson & Abraham 2009b; Thompson et al. 2010, 2013
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Seabirds (albatrosses, petrels, penguins) Abbott et al. 2006; Abraham 2010; Abraham et al. 2009; Abraham et al. 2015; Abraham & Thompson 2009a,b, 2011a,b; Abraham et al. 2010A,B;

Anderson, ORJ et al. 2011; Anon. 2013; Baird & Bradford 2000b; Baird & Gilbert 2010; Baird & Smith 2007a, 2008; Baker et al. 2007; Barnes & Walsh 1997; Bartle 1990; Brothers 1991; Brothers et al. 1999; Bull 2006, 2007, 2009; Conservation Services Programme 2008, 2011; Darby & Dawson 2000; Dillingham & Fletcher 2008; Ellenberg & Mattern 2013; Francis RI 2012b; Francis RI & Bell 2010; Francis et al. 2015; Francis RI & Sagar 2012; Gaskin 2011; Gaskin & Rayner 2013; Imber 1994; Manly et al. 2002; Mattlin 1994; Ministry for Primary Industries 2012; Murray et al. 1993; O'Toole & Molloy 2000; Petyt 1995; Pierre et al. 2010, 2012a,b; Richard & Abraham 2013, 2015; Robertson C et al. 2002; Scott D et al. 2008; Smith M & Baird 2008a; Smith M & Bentley 1997; Smith N 2001; Taylor G 2000a,b; Uhlmann & Jeschke 2011; Walker K & Elliott 2006; Waugh S et al. 2005, 2006, 2008, 2012; West et al. 1999

Sea lions Kahui 2012; Smith M & Baird 2007; Thompson & Abraham 2009, 2011; Thompson et al. 2010, 2015; Thompson & Abraham 2009c, 2011; Robertson & Chilvers 2011; Thompson et al. 2010, 2015

Seals Baird 2008; Baird & Bradford 2000a; Baird & Smith 2007b; Mattlin 1994; Mormede et al. 2008; Smith M & Baird 2008b, 2009; Thompson & Abraham 2010; Thompson et al. 2010

Sharks Francis M & Duffy 2002; Francis et al. 2001

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Günther, A. (1859–70, 1872; Hutton 1879b; Paulin & Stewart 1985; Roberts C & Paulin 1997; Whitehead 1969, 1978

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Anderson MJ & Millar 2004; Babcock et al. 1999; Ballantine 1990; Beentjes et al. 2002; Clark M et al. 2010; Clark & Sutton 2010; Denny & Babcock 2004; Francis et al. 2002; Gardner et al. 2010; Glova & Sagar 2000; Jacob et al. 1998; Kendrick & Francis 2002; Kingsford 1993, 2013; McClatchie et al. 1997; Russell 1975; Santin & Willis 2007; Shears 2007; Shears & Babcock 2002; Watson et al. 2005; Willis & Anderson 2003; Shears 2007; Wetherbee 2000; Williams G et al. 2008; Willis & Anderson 2003

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Babcock R 2013; Benavides et al. 2011; Bess 2010; Bess & Rallapudi 2007; Brodie & Clark 2003; Clark M 2008; Clark & Dunn 2012; Clark et al. 2012; Creese & Cole 1995; Dayton et al. 1995; Hewitt et al. 2015; Morato & Clark 2010; Penney & Guinotte 2013; Rowden et al. 2015; Warren & Proctor 2005

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Elasmobranchs Babcock E 2008; Cavanagh et al. 2003; Cavanagh & Lisney 2003; Dulvy et al. 2008, 2014; Ford et al. 2015; Fowler et al. 2005; Francis M 2003a; Simpfendorfer & Kyne 2009; White WT & Kyne 2010

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Carbines & Cole 2009; Carbines et al. 2004; Grey et al. 2007; Cranfield et al. 2001; Gray et al. 2007; Handley et al. 2014; Jiang & Carbines 2002

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Astrolabe Fell et al 1953
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Wesermünde Bohl & Freytag 1979; Kerstan 1979a,b,c; Kerstan & Sahrhage 1980
Wilkes (U.S.) Exploring Expedition Fowler 1940; Fell et al 1953

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Ashenden 1979; Bess 2006; Gibson 1981; Stringer et al. 2011

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Deepwater chondrichthyans Kyne & Simpfendorfer 2007
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Alepocephalidae Sazonov & Williams 2001
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Aphyonidae Nielsen 1969
Aplodactylidae Russell 2000
Argentinidae Cohen 1958
Arripidae Hutchins 1999; MacDonald 1983; Paulin 1993
Bathygadidae Iwamoto & Graham 2001
Berycidae Busakhin 1982; Paxton 1999; Woods & Sonada 1973
Blenniidae Smith-Vaniz 1976
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Caristiidae Trunov et al. 2006
Caulophrynidae Stewart & Pietsch 1998
Centrolophidae McDowall 1982, 1999; Stehmann & Lenz 1973
Ceratiidae Pietsch 1986; Stewart & Pietsch 1998
Chaetodontidae Pyle 1999
Cheilodactylidae Randall 1999b
Chimaeridae Compagno 1999; Didier 1955, 2004; Garman 1911
Clupeidae Whitehead P 1985
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Emmelichthyidae Heemstra & Randall 1977
Engraulidae Whitehead P et al. 1988; Wongratana et al. 1999
Euclichthyidae Cohen 1990a
Evermannellidae Johnson RK 1982
Gadidae Cohen 1990b
Gempylidae Nakamura & Parin 1993, 1999
Gigantactinidae Stewart & Pietsch 1998
Girellidae Carpenter 1999a
Gobiidae Larson 2011
Gobiesocidae Briggs 1955; Springer & Fraser 1976
Gonorynchidae Ferraris 1999; Grande 1999
Gonostomatidae Grey 1960; Spanovskaya & Grigorash 1979
Halosauridae Paulin & Moreland 1979a
Hemiramphidae Collette 1974
Heterodontidae Compagno & Niem 1998b

Himantolophidae Stewart & Pietsch 1998
Istiophoridae Collette et al. 2006; Graves & McDowell 2003; Nakamura 1983, 1985; Pepperell & Grewe 2001
Kyphosidae Sakai 1999; Knudsen & Clements 2013
Labridae Westneat 1999; Westneat & Alfaro 2005
Linophrynidae Stewart & Pietsch 1998
Liparidae Stein 2012
Macroramphosidae Regan 1914a
Macrouridae Iwamoto & Anderson 1994; Iwamoto & Graham 2001; Iwamoto & Merrett 1997; McCann & McKnight 1980; McMillan 1995
Malacosteidae Regan & Trewavas 1930
Melanocetidae Stewart & Pietsch 1998
Merlucciidae Ho 1990; Howes 1991; Inada 1981b; Lloris et al. 2005
Mobulidae Compagno & Last 1999b
Molidae Fraser-Brunner 1951
Monacanthidae Hutchins 2001
Moridae Cohen 1990c; Paulin 1983, 1989b; Trunov 1989
Mugilidae Harrison & Senou 1999; Thomson J 1954, 1966
Mugiloididae Cantwell 1964, 1966
Muraenidae Böhlke & McCosker 2001; Smith D 2012
Myctophidae Andriashev 1962; Fraser-Brunner 1949; Paxton 1979
Myliobatidae Compagno & Last 1999a; White WT 2014
Myxinidae Adam & Strahan 1963; Fernholm et al. 2013; Mincarone & Fernholm 2010; Zintzen et al. 2015
Nemichthyidae Nielsen & Smith 1978
Nototheniidae DeWitt et al. 1990
Odacidae Gomon & Paxton 1985
Odontaspidae Compagno & Niem 1998c
Oneirodidae Pietsch 1974; Stewart & Pietsch 1998
Ophichthyidae McCosker 1977
Ophidiiformes Cohen & Nielsen 1978; Nielsen et al. 1999
Oreosomatidae James et al. 1988; Lowry et al. 1996
Paralepididae Ege 1953; Harry 1953
Pempheridae Mooi 2000
Pentacerotidae Hardy 1983a; Smith J 1964
Platytroctidae Parr 1960; Sazonov 1976b
Plesiopidae Mooi 1993
Proscyllidae Compagno & Niem 1998d
Pseudotriakidae Compagno 1998b
Psychrolutidae Gill 1888; Nelson 1982
Rajidae Garrick & Paul 1974a
Regalecidae Trunov 1982a
Rhinochimaeridae Didier 2004
Rhombosoleidae Manikiam 1969
Scomberesocidae Hubbs & Wisner 1980
Scombridae Collette 1999c; Collette & Nauen 1983; Whitley 1964
Scopelarchidae Johnson RK 1982
Scorpaenidae Paulin 1982; Poss 1999
Scyliorhinidae Nakaya & Sato 1999; Regan 1908a; Springer S 1979
Serranidae Heemstra & Randall 1993, 1999; Randall & Heemstra 1991
Sharks Compagno 1984; Garman 1913
Sparidae Akazaki 1962; Carpenter 1999b; Chiba et al. 2009
Sphyrnidae Compagno 1998c; Gilbert C 1967
Squalidae Compagno & Niem 1998a; Garrick 1960c; Regan 1908c
Stomiatidae Regan & Trewavas 1930

Stomiidae Parin & Kukuyev 1983; Shcherbachev & Novikova 1976
Stromateoids Ahlstrom et al. 1976; Haedrich 1967; Parin & Piotrovsky 2004
Synaphobranchidae Castle 1964b
Syngnathidae Dawson C 1980
Tetraodontidae Abe 1952a
Thalasseleotrididae Gill & Mooi 2012
Torpedinidae Compagno & Heemstra 2007
Trachichthyidae Moore & Paxton 1999; Paulin 1979
Triakidae Compagno & Niem 1998e
Trichiuridae Nakamura & Parin 1993; Tucker 1956
Triglidae Richards 1999
Tripterygiidae Fricke 1994, 1997, 2009
Uranoscopidae Gill 1861; Kishimoto 1999; Pietsch 1989; Springer V & Bauchot 1994; Vilasri 2013
Xiphiidae Collette et al. 2006; Goode 1882; Nakamura 1985
Zeidae Trunov 1982b
Zoarcidae Anderson ME 1990, 2006

Faunas and checklists (see also Distribution patterns; Habitats; Trawl surveys)

New Zealand Amaoka et al 1990; Francis M 1996a; Francis M et al. 2002; Shuntov 1979, 1980
Bay of Plenty Grace A 1974, 1976; Grace R 1972a, 1973, 1975; Sladden & Falla 1928
Chatham Islands Hurst & Bagley 1987; Moreland 1957; Roberts C 1991; Schiel 2003; Skrzynski 1967; Young MW 1929
Chatham Rise Bull et al. 2001; Geange et al. 2011; Iwai et al. 1970; Wetherbee 2000
Cook Strait region Francis M et al. 2008; Jones & Hadfield 1985; Northcote 1998; Paulin & Phillipps 1918; Roberts 1998
Fiordland Cunningham 1951; Davis & Wing 2012; Ryan & Paulin 1998; Wing 2003; Wing & Jack 2014
Hauraki Gulf Berben et al. 1988; Grace 1971, 1972b; Housley 1980; Housley et al. 1981; Kendrick & Francis 2002; Langley 1995a; Morrison & Francis 1999; Nicholson 1979; Paul 2014; Roberts L et al. 1986; Russell 1969, 1971b; Sandager 1888; Willis 1995
Kaikoura Davison & Van Berkel 1985; Francis M 1979; Roberts & Van Berkel 1982
Kermadec Is/Norfolk Ridge Schiel et al. 1986; Waite 1910b, 1911d, 1916b; Beaumont et al. 2012; Clark M & O'Shea 2001; Clark & Roberts 2006, 2008, 2010; Cole R 2001; Cole et al 1992; Duffy & Ahyong 2015; Duffy & Francis 2010; Eddy 2010; Francis M 1991, 1993b; Francis M & Cole 2010; Francis M & Duffy 2015; Francis M & Nelson 2003b; Francis et al. 1987; Marsh 1986; Palomares et al. 2012; Stewart A & Clark 2010; Trnski et al 2010, 2015; Zintzen et al. 2011
North Island east coast Kilner & Akroyd 1978; Paulin & Stewart 2006
North Island west coast Hayward et al. 1999; Miller R et al. 2005; Morrison et al. 2014; Paul et al. 1983; Roberts & Paul 1978
Northland/Three Kings Is Brook 2003; Hardy et al. 1987; Nicholson 1979; Nicholson & Roberts 1980, Russell 1971b, 1977, 1983; Willan et al. 1979
Snares Is Hardy 1986c; Scrimgeour 1986
South Island east coast Beentjes et al. 2002; Glova & Sagar 2000; Hardy 1989; Hughes H et al. 1974; Ryan 1974
South Island west coast Ryan & Paulin 1998; Roberts C et al. 2005; Shears 2007
Southern New Zealand Graham D 1938; Graham J 1963, 1965; Jacob et al. 1998
Subantarctic islands Kingsford et al. 1989; Parrott 1958a; Schiel 2003; Waite 1909c, 1916a

Fish hatchery, Portobello

Anderton (1907–1913); Benham (1933–1944); Phillipps 1921b; Thomson G 1897, 1898b,c, 1909, 1913, (1919b–1932); Thomson & Anderton 1921; Wilson C 1937

Fish meal

Johnston & Savage 1985, 1987, 1988, 1991; Savage 1991, 1992

Fish oils, lipids, and wax esters

Body 1982, 1983, 1985; Body & Vlieg 1989; Buisson et al. 1982; Carter & Malcolm 1926; Crowe et al. 2008; Cunningham M 1935, 1937, 1949; Cunningham & Scott 1944; Cunningham M et al. 1949; Denz & Shorland 1934; Deprez et al. 1990; Donovan 1920; Grigor et al. 1983, 1990; Hartman 1949, 1950a,b; Hayashi & Takagi 1978, 1980a,b,c; Hayashi et al. 1978; Lewis 1969; Metcalf & Gemmell 2005; Miller M et al. 2011; Mori et al. 1978; Morice & Shorland 1952, 1955, 1956; Oliveira & Miller 2014; Oliver & Shorland 1948; Phleger & Grigor 1990; Quigley et al. 1995; Sargent et al. 1983; Shorland 1935, 1937, 1938, 1939, 1948a,b, 1949a,b, 1950, 1953; Summers et al. 1991; Tengku-Rozaina & Birch 2013, 2015; Vlieg & Vlieg 1985; Warham 1977; Wetherbee & Nichols 2000

Fish stock differentiation (see Genetic studies)

Fisheries management (see also Ecosystems and fisheries management)

Alder et al. 2010; Annala et al. 2006; Barton 2006; Bathgate & Memon 1998; Bess 2010, 2012; Caddy 1999; Cameron & Hughes 1990; Cassie 1953; Clark I 1985, 1994; Clark I & Duncan 1986; Colman 1983; Connor & Shallard 2010; Cullen & Memon 1990; Cunningham B 1976; Cunningham B & Waugh 1971; Cunningham S et al. 2010; Davies 1992; Duncan A 1985; Francis RC 1979; Gauldie 1984b, 1985; Glasby 1991; Hanchet 2007; Hannesson 1985; Harte 2001a,b; MAF 1982, 1984; Hannesson & Kurien 1990; Harte 1998, 2000; Hughey 1997; Hughey et al. 2001, 2003; Imperial & Yandle 2005; Jarman 1983; Kaberry 1969; Kidd 2000; Kirk N et al. 2010; Kolody et al. 2008; Larkin et al. 2001; Le Heron 2007; Le Heron et al. 2008; McGoodwin 1984; McKoy 1991; Mace 2012; Mace et al. 2014; Major 1991; Massey & Rees 2004b,c; Maunder & Starr 2002; Memon & Cullen 1992; Memon & Kirk 2011a; Memon et al. 2003; Morgan & Simmons 2011; Penney & Guinotte 2013; Rennie 2000; Robertson B et al. 1999; Royal Society of New Zealand 1993; Shallard 1998; Sharp B 1996, 1999; Sharp D 1991; Sissenwine & Mace 2007; Starr 2001; Starr et al. 1998; Stewart J & Callagher 2003; Vince & Haward 2009; Waugh D 1984, 1985; Waugh & Cunningham 1971; Wyatt 2001

Fisheries products (see Fish meal, Fish oils, Food values, Handling and processing, Vitamins)

Fisheries research issues

Allen K & Cassie 1949; Allen R 1983; Annala et al. 2006; Cassie 1953, 1965; Clark M 2006; Clark et al. 2012; Clements & Taylor 2013; Colman 1983; Francis RC 1979, 1980; Glasby 1985, 1991; Hanchet 2007; Le Heron et al. 2008; McKoy 1991, 2006, 2007; Mace et al. 2014; Robertson & Francis 1979; Stokes et al. 2006; Waugh G 1969, 1970, 1971, 1974, 1976a, 1979c, 1983; Waugh & Cunningham 1971

Fisheries, regional

Auckland/Hauraki Gulf Boyd 1983; Hefford 1929; Cassie 1955; Elder 1979; Harley et al. 2000a,b; Paul 1974e, 1977; Paul & Elder 1979; Pinkerton et al. 2015

Bay of Plenty Boyd 1983; Plews 1976

Campbell Plateau Hanchet et al. 2005

Challenger Plateau Clark & Tracey 1994b

Chatham Rise Coburn & Doonan 1994, 1997; Francis RI 1992a; Hilborn et al. 1993

Cook Strait Johnston A 1983; Massey 1989

North Island east coast Anon. 1968a

North Island west coast Reid 1969; Sullivan & Gilbert 1979

Northland Anon. 1966a; Ritchie L 1979

South Island east coast Fenaughty & Bagley 1981; Sullivan 1981

South Island west coast Baird & Bradford 2000a; Freeman et al. 1997; Patchell 1981

Southern New Zealand James 1970

Fisheries, by species or species groups (see also High seas fisheries)

Coastal species*: (see also individual species)* Elder & Taylor 1979; Taylor & Baird 1983

Middle depth species *(see also individual species)* Colman 1991

Deep-sea species *(see also individual species)* Colman 1983; Elder & Taylor 1979; Norse & Clark 2011; Penney & Guinotte 2013; Wallace & Weeber 2005

Albacore tuna (*Thunnus alalunga*) Habib et al. 1982; Hampton et al. 1989, 1991; JAMARC 1982c; Koto 1966; Murray 1990b, 1994; Nakagome 1969; Nakagome & Isobe 1968a,b; Skillman 1975; Slack 1969a, 1970; Wang 1988

Baitfish (Various) Argue & Kearney 1983; Habib et al. 1981d
Barracouta (*Thyrsites atun*) Hurst 1983, 1988; Robertson & Eggleston 1979
Bluefin tuna, northern (*Thunnus orientalis*) Bayliff 1994
Bluefin tuna, southern (*Thunnus maccoyii*) Caton 1991, 1994a,b; Far Seas Fisheries Research Lab. 1972, 1986; Hagan & Henry 1986; Kolody et al. 2008; Mimura & Warashina 1962; Shingu 1965; Shingu et al. 1974; Warashina & Hisada 1974; Yonemori et al 1985
Blue mackerel (*Scomber australasicus*) Habib et al. 1981c; James 1983
Elephantfish (*Callorhynchus milii*) Coakley 1971, 1973
Flatfish (flounders, soles) (Rhombosoleidae) Colman 1973b; Wilderbuer et al. 2005
Groper (*Polyprion oxygeneios*) Johnston A 1983; Wakefield et al. 2010
Grey mullet (*Mugil cephalus*) Paulin & Paul 2006
Hake (*Merluccius australis*) Colman 1994; Patchell 1981
Hoki (*Macruronus novaezelandiae*) Ballara & Hurst 1997, Ballara & Sullivan 1994; Bremner et al. 2009; Cordue & Francis 1994; Freeman A & Wilson 2002; Freeman et al. 1997, 2001; Marchal [et al. 2009B]; Sullivan 1991; Vignaux 1994, 1996a,b; Freeman et al. 2001
Jack mackerels (*Trachurus* spp.) Anderson O 2007; Habib et al. 1981c; James 1983; Jones J 1983, 1990b; Robertson 1978a; Robertson & Eggleston 1979
Kahawai (*Arripis trutta*) Eggleston 1978; Habib et al. 1981b; James 1983
Ling (*Genypterus blacodes*) Anderson O 2008
Marlins (Istiophoridae) Langley et al. 2006
Orange roughy (*Hoplostethus atlanticus*) Annala & Clark 2006; Annala et al. 2006; Baco et al. 2010; Branch 2001; Clark M 1991a,b, 1995, 1996c, 1999, 2001, 2006; Clark M et al. 2000, 2006; Clark M & Tracey 1994b; Clark RI & Francis 2005; Coburn & Doonan 1994, 1997; Cordue & Francis 1994; Doonan et al. 2015; Dunn 2007; Francis RI 1992a; Gauldie & Crampton 2002; Lack et al. 2003; McClatchie & Coombs 2005a; Robertson 1991; Robertson & Grimes 1983
Oreos (Oreosomatidae) Fincham et al. 1991; McMillan 1983
Pilchard (*Sardinops sagax*) Humphrey 1960; Tunbridge 1969
Rig/Smoothhound (*Mustelus lenticulatus*) Francis M & Smith 1988; Massey 1989; Massey & Francis 1989
'Sardine' Thomson JA 1918b
School shark (*Galeorhinus galeus*) Walker T 1999
Sharks (Various) Bonfil 1994; Campana et al. 2009; Francis M 1988; Francis M & Shallard 1999; Stevens et al. 2000; York 1969
Skipjack tuna (*Katsuwonus pelamis*) Argue & Kearney 1983; Clement I 1976; Eggleston 1976a; Eggleston & Paul 1978; Habib 1976b, 1978; Habib et al. 1980a,b,c, 1981a; Mills 1976; Plews 1976; Vela 1976; Vooren 1976; Wattie 1976; West 1991; Wild & Hampton 1994; York 1976
Snapper (*Pagrus auratus*) Boyd 1983; Cassie 1955; Elder 1979; Francis M & Smith 1985; Harley et al. 2000a,b; Hefford 1929; Paul 1977; Maunder & Starr 2001, 2002; Parsons et al. 2009, 2011; Paul 2014; Paul & Elder 1979; Ritchie L 1979; Sullivan & Gilbert 1979
Southern blue whiting (*Micromesistius australis*) Hanchet 1999; Hanchet et al. 1998, 2005
Tarakihi (*Nemadactylus macropterus*) Tong 1979; Vooren 1974
Trevally (*Pseudocaranx georgianus*) Bentley et al. 2012; Habib et al. 1981b; James 1978, 1983, 1984; Maunder & Langley 2004
Tuna (general) Habib & Cade 1978; Hampton & Bailey 1992; Kasahara 1970; Kirby et al. 2003; McKenzie M 1961b; Peacey & Sinner 2004; Roberts P 1971b; Sund et al. 1981; Unwin et al. 2004; Webb 1972d-f

Fisheries, seamount (see Seamount fisheries)

Fisheries self-governance and stakeholder issues

Bathgate & Memon 1998; Batstone & Sharp 2000; Bess 2000; Blumm 1989, 1990; Boast 1999; Burnard et al. 2003; Cassidy 2000; Clement 2000; Clement et al. 2008; Connor R 2000, 2001b; Connor R & Shallard 2010; Craig 2001; Drummond & Wyatt 2003; Drummond et al. 2000; Habib 1989; Harte 1998, 2000, 2001a,b, 2008; Harte & Bess 2000; Hawkey 1994; Helson et al. 2010; Hersoug 2003; Hughey et al. 2000; Imperial & Yandle 2005; Jarman 1983; Jentoft et

al. 1998; Johnson & Haworth 2004; McCay & Jentoft 1996; Mace 1993; Massey & Rees 2004a; Maunder & Starr 2002; Memon & Kirk 2010a,b, 2011a,b; Stokes et al. 2006; Townsend 2010; Wyatt 2001; Yandle 2003a,b, 2008

Fishing methods

Bait-fishing Webb 1972d,e, 1974

Driftnetting Murray 1990b; Northridge 1991

Ghost-fishing Breen 1990; Northridge 1991

Gillnetting Breen 1990; Darby & Dawson 2000; Dawson S 1991; Hickford & Schiel 1995, 1996, 2008; Hickford et al. 1997

Longlining Anderson O et al. 2000; Baird & Bradford 2000b; Barnes & Walshe 1997; Bartle 1990; Bradford 1994; Brothers 1991; Brothers et al. 1999; Cade 1998; Far Seas Research Lab. 1986; Webb 1973b; Willis & Millar 2002; Yano 1991

Pole-fishing with live bait Roberts P 1976; Webb 1973b, 1974

Trapping Breen 1990; Cole R et al. 2001, 2003; Crossland 1976a; Phillipps 1934

Trawling Wood & Baird 2010

Fishing vessels

Freeman 1997; Langlands 1991; Makarios 1966

Fishing vessel movements and operation

Breekveldt 1969; Catton 1979; Crapper 1969; Dawson P & Hunt 2011; Jennings 1969; Marchal [et al. 2009A]; O'Driscoll & Macaulay 2005; Morris RS 1960; Plews 1976; Stewart J et al. 2006; Treadwell 1969; Vignaux 1996a,b

Fishing vessel crewing

Simmons & Stringer 2014; Stringer et al. 2014

Food and feeding studies, fish as predator

General Graham D 1939a; Hammond & Savage 2009; Kashkina 1986; Kingsford & McDiarmid 1988; Pankhurst 1989b; Phillipps 1926a; Ring & Eccleston 1986; Stevens et al. 2011

Larval *(see also Ichthyoplankton)* Carton 2005; Carton & Vaughan 2010; Murdoch 1990; Murdoch & Quigley 1994; Murphy et al. 2012

Herbivory *(see Odacids)*

Planktivory Kingsford 2003; Kingsford & MacDiarmid 1986, 1988; O'Driscoll & McClatchie 1998

Albacore (*Thunnus alalunga*Horn et al. 2013; Kingsford et al. 2010; Murphy et al. 2012; Roberts P 1974a

Alfonsino (*Beryx splendens*) Horn et al. 2010

Banded wrasse (*Notolabrus fucicola*) Denny & Schiel 2001

Barracouta (*Thyrsites atun*) Mehl 1969; O'Driscoll 1998

Bastard cod (*Pseudophycis* spp.) Bassett & Montgomery 2011c

Bathylagids (Bathylagidae) Gorelova & Kobylyanskiy 1985

Bigeye tuna (*Thunnus obesus*) Horn et al. 2013

Blue cod (*Parapercis colias*) Jiang & Carbines 2002

Bluefin tuna, southern (*Thunnus maccoyii*) Horn et al. 2013

Blue shark (*Prionace glauca*) Horn et al. 2013

Butterfly tuna (*Gasterochisma melampus*) Horn et al. 2013

Capro dory (*Capromimus abbreviatus*) Jones M 2009

Chimaeroids (Chimaeridae, Rhinochimaeridae) Dunn et al. 2010

Deepwater sharks (Various) Dunn et al. 2010, 2013; Jones M 2008b

Deepwater eels (Synaphobranchidae) Clark M et al. 1989

Eagle ray (*Myliobatis tenuicaudatus*) Godfriaux 1970a,b; Hines et al. 1997

Flatfish (Rhombosoleidae) Livingston 1987a,b

Grey mullet (*Mugil cephalus*) Wells RD 1984

Hagfish (*Eptatretus cirrhatus*) Zintzen et al. 2011, 2013

Hake (*Merluccius australis*) Dunn et al. 2010

Hoki (*Macruronus novaezelandiae*) Bulman & Blaber 1986; Clark 1985a,b; Connell et al. 2010; Kuo & Tanaka 1984c; McClatchie et al. 2005; Murdoch 1990

Jack mackerel (*Trachurus* spp.) Godfriaux 1970a,b
John dory (Zeus faber) Godfriaux 1970a,b
Kahawai (*Arripis trutta*) Baker 1971
Lancetfishes (*Alepisaurus* spp.) Horn et al. 2013
Ling (*Genypterus blacodes*) Clark 1985a,b; Dunn et al. 2010; Mitchell 1984
Lookdown dory (*Cyttus traversi*) Forman & Dunn 2010
Macrourids (Macrouridae) Clark 1985a,b; Clark et al. 1989; Jones M 2008a,b, 2009; Stevens & Dunn 2010
Mako shark (*Isurus oxyrinchus*) Horn et al. 2013
Marlins (Istiophoridae) Baker 1966
Moonfish (*Lampris guttatus*) Horn et al. 2013
Notothenid (Notothenidae) Clark 1985a,b
Odacids, etc*. (herbivory)* Choat & Clements 1992, 1993, 1998; Clements 1991, 2003; Clements & Bellwood 1988; Clements & Choat 1993; Clements et al. 2007, 2009; Clements & Zemke-White 2008; Horn 1989; Johnson J et al. 2012; Moran & Clements 2002; Moran et al. 2005; Mountfort et al. 2002; Raubenheimer et al. 2005; Skea et al. 2005, 2007; Taylor D & Schiel 2010; Taylor R & Steinberg 2005; White WL et al. 2010; Wilmott et al. 2005; Zemke-White & Clements 1999, 2004; Zemke-White et al. 1999, 2000
Orange perch (*Lepidoperca aurantia*) Horn et al. 2011
Orange roughy (*Hoplostethus atlanticus*) Bulman & Koslow 1992; Dunn & Forman 2011; Jones M 2007; Kotlyar & Lipskaya 1980; Rosecchi et al. 1988
Oreos (Oreosomatidae) Clark et al. 1989
Piper (*Hyporhamphus ihi*) Saunders & Montgomery 1985
Porbeagle shark (*Lamna nasus*) Horn et al. 2013
Pufferfish (*Contusus richei*) Habib 1977b
Rattails (*see Macrourids*)
Ray's bream (*Brama* sp.) Horn [et al. 2013A,B]
Redbait (*Emmelichthys nitidus*) Markina & Boldyrev 1980
Red cod *(Pseudophycis bachus*) Habib 1976a; Horn et al. 2012
Red gurnard (*Chelidonichthys kumu*) Godfriaux 1970a,b
Red moki (*Cheilodactylus spectabilis*) McCormick 1988
Red morwong (*Cheilodactylus fuscus*) Bell J 1979
Rig (*Mustelus lenticulatus*) King & Clark 1984
Seahorse (*Hippocampus abdominalis*) Woods 2002
Sea perch (*Helicolenus percoides*) Horn et al. 2012; Jones M 2009
Silver roughy (*Hoplostethus mediterraneus*) Jones M 2009; Kerstan S 1989;
Silverside (*Argentina elongata*) Clark 1985a,b; Jones M 2009
Silver warehou (*Seriolella punctata*) Horn et al. 2013
Skipjack tuna (*Katsuwonus pelamis*) Roberts P 1974a
Skipjack bycatch species (Various) Bailey & Habib 1982
Slender smoothhound (*Gollum attenuatus*) Yano 1993b
Slickheads (Alepocephalidae) Clark M et al. 1989
Smooth skate (*Dipturus innominatus*) Forman & Dunn 2012
Snapper (*Pagrus auratus*) Colman 1972b; Godfriaux 1969, 1974a,c; Murphy et al. 2012; Usmar 2012
Southern blue whiting (*Micromesistius australis*) Clark 1985a,b; Shpak 1967, 1976
Spiny dogfish (*Squalus acanthias*) Hanchet 1991; Dunn et al. 2013
Striped marlin (*Kajikia audax*) Morrow 1952b
Swordfish (*Xiphias gladius*) Horn et al. 2013; Wisner 1957
Tarakihi (*Nemadactylus macropterus*) Godfriaux 1974a,c
Trevally (*Pseudocaranx georgianus*) Godfriaux 1970a,b; James 1974
Triplefins (Tripterygiidae) Ferry et al. 2009
Warehou (Centrolophidae) Gavrilov & Markina 1970
White warehou (*Seriolella caerulea*) Horn et al. 2013
Yellowfin tuna (*Thunnus albacares*) Horn et al. 2013

Food and feeding studies, fish as prey of

Albatrosses Cherel et al. 1999; James & Stahl 2000; Waugh S et al. 1999a,b, 2000; West J & Imber 1986

Dolphins/killer whales Meynier et al. 2008; Neumann & Orams 2003; Stockin et al. 2008; Vaughn et al. 2007; Visser 1999, 2000, 2005; Visser et al. 2000

Gannets Schuckard et al. 2012; Robertson 1992; Wingham 1985, 1989; Wodzicki & Moreland 1966

Penguins Browne et al. 2011; Flemming et al. 2013; Flemming & van Heezik 2014; Fraser & Lalas 2004; Mattern et al. 2013Moore 1999; Moore & Wakelin 1997; Moore et al. 1995; van Heezik 1989, 1990a,b, 1991; van Heezik & Davis 1990; van Heezik & Seddon 1989

Petrels Cruz et al. 2001; Imber 1973, 1976a,b, 1981, 1999; Imber & Russ 1975; Kitson et al. 2000

Seals/sea lions Augé et al. 2012; Boren 2010; Carey 1992; Childerhouse et al. 2001; Fea et al. 1999; Lalas 1997; Lalas et al. 2014; Meynier et al. 2009, 2010; Harcourt et al. 2002; Lalas et al. 2014; Roberts J & Lalas 2015; Meynier et al. 2009, 2010; Roberts J & Lalas 2015

Shags Lalas & Brown 1998; Lalas & McConnell 2012; McKinnon et al. 2004

Squid Dunn 2009

Whales Gaskin 1964; Gaskin & Cawthorn 1967

Food and feeding studies, impact of fish on benthic fauna

Choat & Kingett 1982; Cole 1999; Cole & Keuskamp 1998; Coull & Wells 1983; Freeman D et al. 2011; Hicks 1984, 1985, 1986; Langlois et al. 2005; Thrush et al. 1991, 1994; Zeldis 1989

Food values of fish, chemical composition of fish, etc.

Berks et al. 1989; Body 1982, 1983, 1985; Body & Vlieg 1989; Carter & Malcolm 1926; Hughes J et al. 1980; James K et al. 1986; Johnson D 1920, 1921; Johnston & Savage 1985; Khem et al. 2013; Konosu et al. 1978; Malcolm J 1912, 1926, 1927; McDonald et al. 2002; Malcolm & Hamilton 1927; Meynier et al. 2008; Pickston et al. 1982; Savage & Foulds 1987; Vlieg 1982a,b, 1983, 1984a,b,c, 1985b,c, 1988; Vlieg & Bailey 1989; Vlieg & Body 1988; Vlieg et al. 1983; Vlieg & Murray 1988; Vlieg & Vlieg 1985; Xu et al. 1996

Foreign fishing activity in New Zealand waters (including exploratory fishing and joint ventures)

Anon. 1982; Bohl & Freytag 1979; Fenaughty & Bagley 1981; Fenaughty & O'Sullivan 1978; Ichikawa 1981; Iwasa et al. 1982; JAMARC 1972, 1975, 1976, 1979, 1981a,b, 1982a,b,c, 1983a,b,c, 1984; Japan DSTA 1971; Japan Far Seas […] 1972; Johnson & Haworth 2004; Kerr & Sharp 1985; Kerstan 1979a,c; Kerstan & Sahrhage 1980; Kurawa 1985; Munro 1989; Paul & Robertson 1979; Sahrhage 1979a,b; Steinberg 1979; Uozumi 1988; Wagner 1979; Yano 1991

Foreign fishing vessel crewing

Dawson P & Hunt 2011; Devlin 2009; Stringer et al. 2014

Fossil fishes

Brazier et al. 1990; Buchanan et al. 2007; Burrow et al. 2010; Chapman 1917, 1918, 1934; Chapman & Pritchard 1904; Consoli A 2006, 2008; Consoli & Stilwell 2011; Davis 1986, 1988a,b, 1994; Feldmann 1984; Fordyce 1991; Frost 1924, 1926, 1928, 1933; Gottfried & Fordyce 2001, 2006, 2015; Grant-Mackie 1982; Grant-Mackie et al. 2014; Grenfell 1984, 1996; Hector 1880b, 1894; Hutton 1886; Keyes 1971, 1972, 1974, 1977, 1979, 1982, 1984, 1987; Kriwet 2009; Macadie 1985, 1998 2002, 2007; McDowall et al. 2006; Mannering & Hiller 2008; Marden et al. 1987; Marples 1949; Mantell 1850; Neville 1955; Newton 1876, 1877; Pfeil 1984; Purdy & Francis 2007; Richardson et al. 1999; Schwarzhans 1984; Stinton 1957; Wiffen 1983; Woodward 1917

Game-fishing (see also Recreational fishing)

Anon n.d. a,b; Davies & Hartill 1998; Hartill & Davies 1999, 2000; Holdsworth & Saul 1998, 2001; Holdsworth et al. 2003; Kopf et al. 2005; Illingworth 1961; Saul & Holdsworth 1992; Wilkins & Sale 1982

Genetic/biochemical studies: identification, taxonomic relationships, and stock separation

General Benson & Smith 1989; Dunn et al. 2010; Gauldie 1988d; Gauldie & Johnston 1980; Shaklee & Bentzen 1998; Smith P 1985, 1990, 1999; Smith P & Crossland 1978; Smith P &

Fujio 1982; Smith P et al. 1989, 1990, 1991, 2005, [2008A,B]; Ward & Grewe 1994; Ward et al. 2008
Alfonsino (*Beryx splendens*) Hoarau & Borsa 2000
Aplodactylids (Aplodactylidae) Burridge 2000
Basking shark (*Cetorhinus maximus*) Hester et al. 2015; Hoelzel et al. 2006
Bluefin tuna, northern (*Thunnus thynnus*) Smith P et al. 1994
Bluefin tuna, Pacific (*Thunnus orientalis*) Smith P et al. 2001
Blue mackerel (*Scomber australasicus*) Schmarr et al 2011
Cods (Moridae) Smith P et al. 2011
Flounders (Rhombosoleidae) Smith P 1987; Smith P et al. 1980; Smith & Francis 1984
Gobies (Gobiidae) Lavery et al. 2006; Thacker et al. 2015
Gropers (*Polyprion* spp.) Ball et al. 2000; Smith P & Johnston 1985; Smith P 2008
Hagfish (*Eptatretus cirrhatus*) Goto et al. 1998; Nakai et al. 1995
Hake (*Merluccius australis*) Campo et al. 2007; Machado-Schiaffino et al. 2009; Quintero et al. 2000; Roldán et al. 1999; Smith et al. 1979
Hoki (*Macruronus novaezelandiae*) Milton & Shaklee 1987 [Aus.]; Olavarría et al. 2006; Smith P et al. 1981, 1996
Jack mackerels (*Trachurus* spp.) Cárdenas et al. 2009; Gauldie et al. 1977; Kijima et al. 1988; Richardson B 1982a
Kahawai (*Arripis trutta*) Moore & Chaplin 2013
Leatherjacket (*Parika scaber*) Murofushi et al. 1989
Ling (*Genypterus blacodes*) Daley et al. 2000; Paulin & Smith 2003; Smith P 1979b; Smith P & Francis 1982
Macrourids (Macrouridae) McMillan et al. 2012
Maomao/Sweep (*Scorpis* spp.) Smith P et al. 1979
Moki (*Latridopsis* spp.) Smith P et al. 2001
Orange roughy (*Hoplostethus atlanticus*) Baker et al. 1992; Elliott et al. 1994; Elliott & Ward 1992; Ovenden et al. 1989; Smith P 1986a; Smith & Benson 1997; Smith et al. 1991, 1996, 1997, 2002; Varela-Naylor et al. 2012, 2013
Oreos (Oreosomatidae) Elliott et al. 1998; Lowry et al. 1996f; Smith P et al. 2002; Smolenski et al. 1993; Ward et al. 1998
Rig/smoothhound (*Mustelus lenticulatus*) Boomer et al. 2012, 2013
Marlins (Istiophoridae) Graves & McDowell 2003; Purcell & Edmonds 2011
School shark (*Galeorhinus galeus*) Hernández et al. 2014, 2015
Seahorse (*Hippocampus abdominalis*) Nickel & Cursons 2012
Seaperches (*Helicolenus* spp.) Smith P et al. 2009
Skipjack tuna (*Katsuwonus pelamis*) Richardson B 1978, 1983; Richardson & Habib 1987; Richardson & Lewis 1978
Sprat (*Sprattus* spp.) Smith P & Robertson 1981
Sharks (General) Smith P 1986b; Smith & Benson 2001; Verissimo et al. 2012
Silver trumpeter (*Latris pacifica*) Smith et al. 2003
Skates (*Bathyraja* spp.) Smith P et al. 2008
Snapper (*Pagrus auratus*) Adcock et al. 2000; Bernal-Ramirez et al. 2003; Chiba et al. 2009; Hauser et al. 2002; Smith P 1979a; Smith & Crossland 1977; Smith & Francis 1983; Smith et al. 1978; Smith & MacDonald 1979; Tabata & Taniguchi 2000; Taniguchi et al. 1986
Southern blue whiting (*Micromesistius australis*) Halvorsen et al. 2012; Ryan A et al. 2002
Spiny dogfish *(Squalus* spp.*)* Ward et al. 2007
Stingray (*Dasyatis brevicaudatus*) Le Port et al. 2013
Stargazer (Uranoscopidae) Smith P et al. 2006
Tarakihi (*Nemadactylus macropterus*) Burridge 1999a,b; Burridge & Smolenski 2003, 2004; Elliott & Ward 1994; Grewe et al. 1994; Richardson B 1982b; Smith P et al. 1996
Triplefins (Tripterygiidae) Hickey & Clements 2003; Hickey et al. 2009
Yellowtail kingfish (*Seriola lalandi*) Miller P et al. 2011; Nugruho et al. 2001; Smith P 2008

Growth (but see also Ageing studies for most age/growth references)

General Allen R 1976; Brown et al. 2011; Davison & Herbert 2013; Fournier et al. 1990; Francis RI 1988a,b,c; Taylor & Willis 1998; Vasil'kov 1979

Back-calculation Francis RI 1990

Subpopulations of a species Beer & Wing 2013; Paul & Horn 2009

Larval Kingsford & Atkinson 1994; Murdoch & Quigley 1994; Pankhurst P et al. 1991; Sim-Smith et al. 2012b

Butterfish (*Odax pullus*) Trip et al. 2014

Elephantfish (*Callorhinchus milii*) Francis M 1997a

Flatfish (Rhombosoleidae) Tunbridge 1966b

Groper (*Polyprion* spp.) Wakefield et al. 2013

Hoki (*Macruronus novaezelandiae*) Blagoderov 1978a

Kahawai (*Arripis trutta*) Bradford 1998a; Griggs et al. 1998

Leatherjacket (*Parika scaber*) Milicich & Choat 1992

Orange roughy (*Hoplostethus atlanticus*) Gauldie & Romanek 1998

Parore (*Girella tricuspidata*) Gillanders et al. 2012

Rig/Smoothhound (*Mustelus lenticulatus*) Francis M 1981d; Francis M & Francis 1992

Skipjack tuna (*Katsuwonus pelamis*) Gauldie 1993b

Snapper (*Pagrus auratus*) Francis M et al. 1993; Gauldie 2000; Harley et al. 1999; Sim-Smith et al. 2012b, 2013b

Striped marlin (*Kajikia audax*) Morrow 1952a

Tarakihi (*Nemadactylus macropterus*) Vasil'kov 1977

Yellowtail kingfish (*Seriola lalandi*) Brown et al. 2011

Habitats and ecosystems

General Cole R et al. 2012; Compton et al. 2012; Leleu et al. 2012; Morrison [et al. 2014A,B]; Russell 1969; Snelder et al. 2007

Benthic seafloor faunas Hicks 1984, 1985, 1986; McLeod I et al. 2014; Morrison et al. 2006; Ross et al. 2007; Thrush et al. 2001, 2002

Bryozoan seafloor Bradstock & Gordon 1983

Coastal lakes Gorman 1962; Glova & Sagar 2000; Hardy 1989; Hughes H et al. 1974; Jellyman 2011; Rennie & Lomax 2013; Ryan 1974; Stokell 1936

Deepsea, including canyons *(see also Seamounts)* Clark M et al. 2010, 2011, 2015; Clark & Sutton 2010; Geange et al. 2011; Ichino et al. 2015; Jacob et al. 1998; Lörz et al. 2012; McClatchie et al. 1997; Ramirez-Llodra et al. 2011; Rowden et al. 2005, 2010[3]; Schlacher et al. 2010; Zintzen et al. 2011; Zintzen et al 2011

Estuaries and shallow coasts De Leo et al. 2010; Eldon & Kelly 1985; Francis M 2013; Francis M et al. 2005, 2011; Gorman 1962; Górski et al. 2015; Harris T 1993; Hartill et al. 2003; Kilner & Akroyd 1978; McDowall 1964a, 1976, 1985; Morrison et al. 2002, [2014A,B]; Parsons et al. 2013, 2014; Rosenberg 1963; Struik & Bray 1979; Sutherland & Closs 2001; Webb 1972g, 1973a, d,e,f; Williams M 1960

Fiords Cunningham 1951; Dell 1951a; Grange et al. 1981; Lawton et al. 2010; McLeod R & Wing 2007; Ryan & Paulin 1998; Stead DH 1973; van Heezik 1989, 1990b

Rockpools/Intertidal/littoral Berger & Mayr 1992; Coull & Wells 1983; Davison 1985; Hill & Marsden 1996; Mayr & Berger 1992; Mensink & Shima 2014; Oliver W 1923; Santin & Willis 2007; Smith AN et al. 2013; Smith AC & Shima 2011; Syms 1995; Syms & Jones 1999; Thomson P 1872; Wellenreuther & Clements 2008; Willis & Roberts 1996; Wellenreuther [et al. 2007, 2008A,B], 2009

Rocky shores and reefs Anderson MJ & Millar 2004; Batham 1956, 1969; Cole R 2001; Choat & Ayling 1987; Choat et al. 1988; Connell & Jones 1991; Feary & Clements 2006; Grace R 1983; Jones G 1988, 2013; Jones G & Andrew 1990; Kingett & Choat 1981; Kingsford 1989, 1998; Kingsford et al. 1989; Langlois et al. 2005; Leum & Choat 1980; Meekan & Choat 1997; Morton & Chapman 1968; Russell 1975, 1977, 1983; Schiel 1984; Shears 2007; Shears & Babcock 2002; Smith AN et al. 2013; Watson et al. 2005; Williams G et al. 2008; Willis & Anderson 2003

Nektonic Kingsford 1992, 1993; Kingsford & Choat 1985, 1986, 1989; Kingsford & Milicich 1987

Pelagic McClatchie & Dunford 2003; O'Driscoll et al. 2011; Ritz et al. 2011; Robertson et al. 1978; Yatsu 1995b; Zeldis et al. 2005; Zeldis & Willis 2015

Oceanographic fronts Kingsford & Choat 1986; Robertson et al. 1978, 1979

Habitat threats (see also Dredge impacts, Trawling impacts)

Ardron et al. 2014; Clark M et al. 2006; Jones E et al. 2015; MacDiarmid et al. 2012; Parsons et al. 2014; Penney et al. 2009; Ramirez-Llodra et al. 2011; Rowden et al. 2015; Shears & Ross 2010

Handling and processing fish and fisheries products (see also Food quality)

Anon. 1965, 1966b, 1987; Bekhit et al. 2008; Black S et al. 2004; Bell D 1985; Boyd et al. 1984; Boyd & Wilson 1976a,b; Buisson 1987; de Zylva 1974b; Fletcher 1987; Fletcher & Hodgson 1988; Fletcher et al. 1985, 1988; Fletcher & Statham 1988a,b; Gibson 1981; Hufflett 1976; Hogg 1985; Hogg & Scott 1984; Hogg et al. 1984; Jeffs & Liyanage 2005; Jerrett 1984, 1985; Jerrett et al. 2002; Johnston & Savage 1985; Kakuda & Kitagawa 1979; Krzyzosiak & Daniel 1997; Lowe et al. 1993; Lowe & Wells 1996; MacDonald et al. 1990; Morris H 1969; Roheim et al. 2006; Ryder et al. 1984, 1993; Scott D [et al. 1984A,B], 1986A,B,C], 1989, 1992; Scott & Summers 1985; Sharp & Jeffs 2004; Sikorski et al. 1984; Stringer & Simmons 2010; Stringer et al. 2011; Summers 1985; Summers et al. 1991; Temple 1985; Vlieg 1985a; Watson 1958; Wilson N 1982

Heavy metals (see also Mercury in fish)

Bellamy & Hunter 1997; Brooks & Rumsey 1974; Fenaughty C et al. 1988; Kobayashi et al. 1979; Tracey & van den Broek 1987; Winchester 1988

Hermaphroditism and sex change

Francis M & Pankhurst 1988; Jones G 1980a,b

High seas fisheries (see also Seamount fisheries, Fisheries by species, etc.)

General Sissenwine & Mace 2007

Deepsea trawling Parker et al. 2009; Penney & Guinotte 2013; Penney et al. 2009

Albacore (*Thunnus alalunga*) Anon 1968a; Hampton et al. 1989, 1991; JAMARC 1982c; Koto 1966; Murray 1990b, 1994; Nakagome 1969; Nakagome & Isobe 1968a,b; Skillman 1975; Wang 1988

Skipjack (*Katsuwonus pelamis*) Eggleston 1976a; Francis RC 1978; Lester et al. 1985; Wild & Hampton 1994

Tuna (general) Kasahara 1970

Striped marlin (*Kajikia audax*) Langley et al. 2011

Historical accounts

Fishes Andrews J 1986; Beaglehole 1955, 1961, 1962, 1967, 1968; Boulenger 1895; Dell 1976; Fell et al. 1953; Forster G [1772–1775], 1777; Forster J 1801, 1844; Günther 1872, 1876, 1878a,b; Jenyns 1842; Mead 1970; Parkinson S 1768–69; Polack 1838; Putnam 1977; Richardson J 1843; Rochon 1783; Solander n.d.[3]; Steindachner 1901; Wheeler 1981, 1986; Wheeler & Riordan 1969; Whitehead P 1968, 1969, 1978; Yaldwyn 1957a; Yate 1835; Andrews J 2012; Saunders 2012; Whitehead 1978a,b

Fisheries Gibbs M 2008; Harte 2008; Hefford 1929; Johnson D & Haworth 2004; Morgan & Simmons 2011; Nightingale 1992; Slack 1969c; Titchener 1981; Tull & Polacheck 2001

Home range in fishes (see Territorial studies; Migration)

Hyperostotic bones (Tilly bones)

Gauldie & Czochanska 1990

Ichthyoplankton

Clark D et al. 2005; Crossland 1981a, 1982b; Kingsford 1985, 1988, 2013; Kingsford et al. 2002; Kohn & Clements 2011; McDowall et al. 1975; Montgomery et al. 2001, 2006; Murdoch 1989, 1990; Murdoch & Chapman 1989; Murdoch [et al. 1990A,B]; Murdoch & Quigley 1994; Murphy et al. 2012; Robertson 1975a,c, 1976, 1977, 1980a, 1981; Robertson & Mito 1979; Roper 1981b, 1986; Sutherland & Closs 2001; Tricklebank et al. 1992; Wear 1965; Zeldis et al. 2005

Identification books, booklets, guides

Amaoka et al. 1990; Carpenter & Niem 2001; Clement & Winch 1987; Cox & Francis 1997; Doak 1991; Doogue & Moreland 1961; Francis M 1988c, 1996b; Heath & Moreland 1967; Japan Far Seas FRL 1972; McDowall 1978b, 1990; McMillan et al. 2011[3]; Moreland 1963; Parrott 1957, 1958b, 1960; Paul 1986, 2000; Paul & Heath 1975, 1997a,b; Paulin 1987a, 1988, 2003; Paulin & Atkinson 1984; Paulin et al. 1996

Individual Transferable Quotas (ITQs), the QMS, and property rights

Abayomi & Yandle 2012; Alder et al. 2010; Anderson L 1995; Anderson T et al. 2011; Annala 1993, 1996; Annala et al. 1991; Aranda & Christensen 2009; Arnason 2005, 2012; Batkin 1996; Batstone & Sharp 1999, 2000, 2003; Bess 2000, 2003, 2005, 2006; Borch 2010; Boyd & Dewees 1992; Bliss 1998; Branson 1997; Burnard et al. 2003; Caddy 1999; Clark I 1993; Callies & Wesley-Smith 2015; Chu 2009; Clark I & Duncan 1986; Clark et al. 1988, 1989; Clement G. 2000; Clement G & Associates 1997a,b; Clement et al. 2008; Connor R 2000, 2001a,b; Connor R & Shallard 2010; Copes 1986; Crothers 1988; Cunningham S et al. 2010; De Alessi 2008; Dewees 1989, 1996, 1997, 1998, 2008; Drummond et al 2000; Duncan L 1993; Emery et al. 2012; Fairgray 1986; Falloon 1993; Francis RI et al. 1993; Gibbs M 2007, 2008; Grafton 1996a,b; Hannesson 1985; Harte 2008; Hatcher et al. 2002; Hawkey 1994; Hersoug 2002; Hughey 1997; Imperial & Yandle 2005; Jarman 1983; Johnson RN 1995; Kerr S et al. 2003; Lindner et al. 1992; Lock & Leslie 2007; McCay 1995, 2004; McClurg 1994, 1997; Macgillivray 1990; Mace 2012; Mace et al. 2014; Major 1997, 1999; Maloney 1991; Morgan & Simmons 2011; Munro & Pitcher 1996; Muse & Schelle 1988; Neidlander & Sullivan 2000a,b; Newell et al. 2003, 2005; Nowlis & Van Benthem 2012; Ohnishi 2004; Peacey 2003; Peacey & Sinner 2004; Pramod 2011; Rees 2003a,c; Rennie 1998; Riley 1982 [pre-QMS]; Sanchirico et al. 2006; Sandrey & O'Donnell 1985a,b; Shallard 1991, 1998; Sharp BM 1997, 1998, 2005; ; Sinner & Fenemor 2005; Sissenwine & Mace 1992; Squires et al. 1998; Stewart J et al. 2006; Stewart & Callagher 2003a,b, 2011; Stewart & Walsh 2008; Straker et al. 2001, 2003; Walker S & Townsend 2008; Wallace 1998a,b; Worm et al. 2009; Wyatt 2000; Yandle 2007; Yandle & Dewees 2003, 2008

Industry participation in fisheries management (see Fisheries self-governance and stakeholder issues)

Injuries from fish

Liggins 1939; Flint & Sugrue 1999

Introduction of marine fish species

Thomson G 1896, 1922a

Invasive marine fish species

Cranfield et al. 1998; Foster & Willan 1979; Francis M & Evans 1993; Francis M et al. 1999, 2003, 2004; Hayward 1997; Hickey et al. 2004; Koehn & McDowall 2004; Lavery et al. 2006; Lockett & Gomon 2001; Taylor P 2004; Willis et al. 1999

Isotope studies (diet)

Ashford et al. 2011; Browne et al. 2011; Flemming & van Heezik 2014; Johnson J et al. 2012; Neubauer et al. 2010; Rodgers & Wing 2008; Suring & Wing 2009; Zintzen et al. 2013

Larval and embryonic fish behaviour, ecology, etc. (see also Ichthyoplankton; Reproduction)

Larval behaviour Pankhurst P et al. 1991

Larval/embryonic development *(descriptive)* Anderson S et al. 2012; Baker A 1972, 1973; Belyanina & Kovaleskaya 1980; Cassie 1956a; Didier et al. 1998; Francis M & Stevens 2000; Grimes & Robertson 1981; Jillett 1968b; Nishikawa 1982, 1987; Patchell et al. 1987; Ruck 1971, 1973a,b, 1980; Zeldis et al. 1998

Larval duration and dispersal Francis M 1994b; Hickford & Schiel 2003; Kingsford et al. 2002; Kohn & Clements 2011; Le Port et al. 2014; Moore & Chaplin 2013; Shima & Swearer 2009a,b, 2010; Shima et al. 2015; Swearer & Shima 2010

Larval feeding Murdoch 1990; Carton 2005; Murdoch & Quigley 1994; Murphy et al. 2012

Larval growth Kingsford & Atkinson 1994; Murdoch & Quigley 1994; Pankhurst P et al. 1991; Sim-Smith 2012b

Larval identification Smith P & Crossland 1977; Smith et al. 1980

Larval sampling Hickford & Schiel 1999; Ruck 1975

Larval senses *(sound, vision)* Carton 2005; Carton & Vaughan 2010; Montgomery et al. 2001, 2006; Pankhurst P 1994; Radford et al. 2011, 2012; Tolimieri et al. 2000, 2002

Larval survival Kohn & Symonds 2012; Murphy et al. 2012; Smith A & Shima 2011; Zeldis et al. 2005

Oceanographic/environmental influences Bruce et al. 2001; Kingsford 1993; Pankhurst P et al. 1989; Shi et al. 2012; Sim-Smith et al. 2013a; Zeldis et al. 2005

Swimming and movement Dudley et al. 2000; Clark D et al. 2005; Radford et al. 2012; Montgomery et al. 2006; Tolimieri et al. 2000

Temperature tolerance Pankhurst P et al 1989

Larval fish by family

Eels Castle 1963, 1964c, 1967

Arripidae Moore & Chaplin 2013 (kahawai)

Callorhinchidae Didier et al. 1998 (elephantfish)

Carangidae James 1976a (trevally); Carton 2005, Carton & Vaughan 2010, Cobcroft et al. 2004 (kingfish)

Carapidae Markle & Olney 1980; Olney & Markle 1979

Centrolophidae Grimes & Robertson 1981 (silver warehou)

Cheilodactylidae Tong & Saito 1977, Vooren 1972 (tarakihi)

Creediidae Roper 1981b (sand diver)

Galaxiidae McDowall et al. 1975 (whitebait)

Gempylidae Nishikawa 1982 (escolar)

Gobiesocidae Ruck 1971, 1973b (clingfishes)

Lamnidae Francis M & Stevens 2000 (porbeagle)

Luvaridae Nishikawa 1987 (louvar)

Merlucciidae Balbontin et al. 2004; Murdoch 1990, 1993, Murdoch & Chapman 1989, Murdoch & Quigley 1994, Murdoch et al. 1989; Patchell et al. 1987; Zeldis et al 1998 (hoki)

Myctophidae Belyanina & Kovaleskaya 1980

Plesiopidae Jillett 1968b (rockfish)

Polyprionidae Anderson S et al. 2012 (hapuku)

Pomacentridae Kingsford 1985 (demoiselle)

Sparidae Cassie 1956a; Murphy et al. 2012; Pankhurst P 1994, Pankhurst P et al. 1989, 1991; Radford et al. 2012; Sim-Smith et al. 2012b, 2013a; Smith & Crossland 1977 (snapper)

Tripterygiidae Ruck 1973a, 1980 (triplefins)

Trachichthyidae Zeldis et al. 1998 (orange roughy)

Larval fish by region

Hauraki Gulf/Northland Crossland 1981a, 1982b; Kingsford 1985, 1988; Roper 1986

Cook Strait Murdoch & Chapman 1989; Murdoch et al. 1990a

South Island west coast Murdoch 1990; Zeldis et al. 1998

Legislation

Anon. 1984, [1990]; Cunningham 1983; Dawson P & Hunt 2011; Dawson R 2000; Dorsett 2006; Dorsett & Godden 2005; Eddy 2014; Fisheries Task Force 1992; Gnanalingam & Hepburn 2015; Hefford 1929; Lynch 1982; Nair 1982; Stewart & Walsh 2008; Straker et al. 2001; Talboys 1981

Length/weight relationships and condition factor

Blackburn 1960b; Cassie 1975; Crec'hriou et al. 2015; Mehl 1971; Taylor & Willis 1998

Lipids (see Fish oils)

Lunar rhythms in fish and fisheries

McDowall 1969; Millar et al. 1997

Management of fisheries (see Fisheries management)

Māori fish names

Hooper 1994; McLintock 1966; Phillipps 1947; Strickland 1990

Māori fisheries claims and traditional and modern management

Anon. [1990]; Arnold et al. 2003; Bess 2001a,b; Blumm 1989; Boast 1990, 1999; Bourassa & Strong 2000; Callies & Wesley-Smith 2015; Cassidy 2000; Davidson JS1993; Dawson R 2000; De Alessi 2012; Dewees 1997; Durette 2007; Guth 2001; Heremaia 2000; Hooper 2003; Inns

2013; Jackson 2013a,b; Jones S 1998; Kerr J 2006; Law Commission 1989; Levine 1987, 1989; Levine & Henare 1994; McCarthy et al. 2013, 2014; McCormack 2008, 2010, 2011, 2012a,b; 2015; McHugh 1984, 1992; Memon & Cullen 1991, 1992, 1996; Memon & Kirk 2011b; Memon et al. 2003, 2011; Meyers & Cowan 1999; Milroy 2000; Mize 2006; Moller H & Lyver 2010; Mutu 2012; Russell K & Campbell 1999; Schweikert et al. 2012; Taiepa et al. 1997; Toki 2010; Valencia & VanderZwaag 1989; Waitangi Tribunal 1988; Walker 1992; Whyte et al. 2009; Wickliffe 1995

Māori fishing, general and traditional

Allen 2014; Anderson A 2002, 2008; Best 1904; Colenso 1892; Coutts 1975; Davidson JM & Leach 2008; Dick et al. 2013; Dorsett 2006; Dorsett & Godden 2005; Fisher 1965; Furey 2002; Habib 1969; Hamilton A 1908; Källqvist et al. 2015; Keene 1963; Knapp 1940; Leach 2006; Matthews 1911; Millar et al. 1997; Nagaoka 2002; Paul 1969; Paulin 2007; Poata 1919; Rata 1989; Smith I 2013; Smith I 2004, 2011b; Sutton 1989: Turner et al. 2013; Wehi et al. 2013

Māori fishing, regional (see also Archaeology)

Otago Anderson A 1981a, b, 1986, 1988; Beattie 1891; Sutton 1989; Barber 2003; Davidson et al. 2001; Furey 2002; Smith I 2011a, 2013

Māori fishing gear

Allen M 1996; Anderson A & Gumbley 1996, Anell 1955; Best 1929; Buck 1926, 1949; Davidson J 1984; Davidson & Leach 2008; Fairchild 1933; Fisher 1935; Hamilton A 1908; Hjarno 1967; Law 1984; Leach 2007; McAra 2001; Paulin 2007, 2012; Phillipps 1934; Reinman 1970; Sewell B 1988; Skinner 1942; Trotter 1956

Management of fisheries (see Fisheries management)

Marketing of fish products

Ashenden 1979; Begg C 1982; Bess 2006; Gibson 1981; Jarman 1979; MacKay 1979; Stringer et al. 2011

Marine reserves

Ayling 1978; Ayling & Babcock 2003; Ayling & Schiel 2003; Babcock R 2003; Babcock et al. 1999, 2010, 2013; Ballantine 1990, 1991a,b, 1994, 1995a,b; 1996, 1998, 1999, 2014; Ballantine & Gordon 1979; ; Ballantine & Langlois 2008; Cocklin et al 1998; Cole 1994; Cole et al. 1990; Cole et al. 2000; Cornwall & Eddy 2014; Creese & Cole 1995; Davidson R 2001; Dayton et al. 2000; Denny & Babcock 2004; Denny et al. 2004; Diaz Guisado et al. 2012; Dugan & Davis 1993; Enderby & Enderby 2006; Gardner & Bell 2008; Gordon & Ballantine 1976; Jones G et al. 1993; Kerr J 2006; Langlois et al. 2005, 2006; Leathwick et al. 2008; Leleu et al. 2012; Le Port et al. 2012, 2014; McCrone 2001; Millar & Willis 1999; Pande & Gardner 2009, 2012; Pande et al. 2008; Parsons et al. 2004, 2010; Rowley 1992, 1994; Schiel 1984; Shears & Usmar 2003, 2006; Smith AN et al. 2014; Taylor C & Buckenham 2003; Taylor R et al. 2011; Walls 1998a,b; Walls & McAlpine 1993; Willis 2013; Willis & Millar 2005; Willis [et al. 2003A,B]; Zintzen 2014

Market-sampling commercial fish species

Snapper (*Pagrus auratus*) Davies & Walsh 1995; Walsh et al 1995, 1997, 1998, 1999, 2000
Trevally (*Pseudocaranx georgianus*) Walsh et al. 1999

Mercury in fish and fish products (see also Heavy metals)

Johnston & Savage 1988, 1991; Kjellström & Mitchell 1977; Kjellström et al. 1982; Love et al. 2003; Robertson T et al. 1975; Sadhu et al. 2015; Savage 1992; Tracey 1993; van den Broek & Tracey 1981; van den Broek et al. 1981

Meristic and morphometric studies

Archaeology Lambrides & Weisler 2015
Chondrichthyans Francis M 2006b
Butterfish (*Odax pullus*) Ritchie 1976
Cardinalfish (*Epigonus denticulatus*) Kamysheva 1985
Hagfish (*Eptatretus cirrhatus*) Martini & Beulig 2013
Hoki (*Macruronus novaezelandiae*) Blagoderov 1977; Livingston & Schofield 1996
Jack mackerel (*Trachurus declivis*) Riabova & Besednov 1974
Lancetfish (Alepisauridae) Francis M 1981c
Ling (*Genypterus blacodes*) Colman 1995

Maomao (*Scorpis* spp.) Smith et al. 1979
Moki (*Latridopsis* spp.) Smith P et al. 2001
Orange roughy (*Hoplostethus atlanticus*) Haddon & Willis 1995
Oreos (Oreosomatidae) Smith P et al. 2002
Southern bluefin tuna (*Thunnus maccoyii*) Shingu & Warashina 1965
Southern blue whiting (*Micromesistius australis*) Shpak 1975b
Stargazers (*Kathetostoma* spp.) Smith P et al. 2006

Mesh selectivity

Cassie 1955; Hickford & Schiel 2008; James 1970; Massey 1988

Migration (see also Tagging; Territorial studies)

Migratory species distributions McGregor & Horn 2015
Albacore tuna (*Thunnus alalunga*) Jones J 1991a; Wang 1988
Barracouta (*Thyrsites atun*) Hurst & Bagley 1989
Bigeye tuna (*Thunnus obesus*) Kume 1967
Bluefin tuna, southern (*Thunnus maccoyii*) Shingu 1967, 1970
Blue moki (*Latridopsis ciliaris*) Francis M 1981b
Flatfish (*Rhombosolea* spp.) Tunbridge 1966b
Hoki (*Macruronus novaezelandiae*) Kuo & Tanaka 1984a
Jack mackerels (*Trachurus* spp.) Ashford et al. 2011; Taylor P 2004
Orange roughy (*Hoplostethus atlanticus*) Francis RI & Clark 1998
Rig/Smoothhound (*Mustelus lenticulatus*) Francis M 1988b
Snapper (*Pagrus auratus*) Parsons et al. 2010, 2011
Southern blue whiting (*Micromesistius australis*) Shust 1981
Striped marlin (*Kajikia audax*) Domeier 2006; Holdsworth et al. 2009; Langley et al. 2006; Sippel et al. 2007, 2011; Squire & Suzuki 1990; Su et al. 2015
White shark (*Carcharodon carcharias*) Bonfil et al. 2010; Duffy et al. 2010; Francis et al. 2012; Pardini et al. 2001

Mitigation of bycatch (see Bycatch mitigation)

Modelling

Age and growth Francis RI 1995b
Anthropological Nagaoka 2002
Benthic impact of trawling Mormede & Dunn 2013; Penney & Guinotte 2013
Bioeconomic Campbell et al. 1993 (orange roughy); Gilbert D 1986 (snapper); Marchal [et al. 2009B] (hoki); Millar & Stewart 2005 (Bayesian); Takeuchi & Taneishi 1976 (southern bluefin)
Biomass Cordue 1993; Francis RI 2011, 2012a, 2014; Gilbert D 1986; Gilbert et al. 2006; Hanchet et al. 1998
Bycatch Edwards et al. 2015; Francis RI & Sagar 2012; Smith M & Baird 2019
CPUE Bradford 1994; Elder 1979; Maunder & Langley 2004; Vignaux 1994
EEZ enforcement Rumball 1978
Fish size and growth Harley et al. 1999
Food web/ecosystem Bradford-Grieve et al. 2003; Ichino et al. 2015; Pinkerton et al. 2015
Larval dispersal Le Port et al. 2014
Management options McAllister et al. 1999
Marine reserves Babcock et al. 2012; Langlois & Ballantine 2005; Millar & Willis 1999; Smith A et al. 2014
Multispecies Annala et l. 1991
Otolith size/growth Gauldie & Romanek 1998; Romanek & Gauldie 1996
Quota system Gilbert D 1988; Marchal [et al. 2009B]
Recreational harvest Bradford 1998c
Recruitment Maunder 1998

Naming fishes

Cohen 1980; Connor C 2006, 2011; Hooper 1994; McLintock 1966; OECD 1990; Phillipps 1947; Sorenson 1970; Stead DG 1911; Strickland 1990

Nursery grounds (see also Reproduction)

Dunn et al. 2009; Francis M 2013; Francis et al. 2012; Jones E et al. 2015; O'Driscoll et al. 2003; Parsons et al. 2013, 2014, 2015; Ross et al. 2007; Vooren 1975

Nutritive values of fish and fish products (see Food values)

Oceanography and fish/fisheries

Beentjes & Renwick 2001; Bernal-Ramirez et al. 2003; Bradford J et al. 1982; Bradford-Grieve & Livingston 2011; Bradford-Grieve et al. 2003, 2007; Bruce et al. 2001; Bull & Livingston 2001; Eggleston & Paul 1978; Francis M 1993a; Francis M et al. 1987; Habib et al. 1982; Gavrilov 1978a; Gavrilov et al. 1977; Hurst et al. 2012; Ichino et al. 2015; Jacob et al. 1998; Kingsford & Choat 1986; Kingsford & MacDiarmid 1988; McKenzie 1964; Paul 1978; Paul et al. 1983; Smith P 1979a; Sund et al. 1981; Taylor et al. 1985; Ward & Roberts 1986; Webb 1972f, 1973c

Oils (see Fish oils)

Otolith studies (see also Ageing studies)

Ashford et al. 2011; Avigliano et al. 2015; Beer et al. 2011; Coote et al. 1991; Davies et al. 1988; Francis M et al. 1992, 1993; Francis RI 1992b, 1995a,b; Francis RI & Horn 1997; Gauldie 1987, 1988a,b,c, 1990a,b,c,d, 1993a,c, 1994, 1995, 1996,1998, 1999; Gauldie & Coote 1997a,b; Gauldie & Crampton 2002; Gauldie & Cremer 1998, 2000; Gauldie & Nathan 1977; Gauldie & Nelson 1988, 1990a,b; Gauldie & Radtke 1990; Gauldie & Romanek 1998; Gauldie & Sharp 2001; Gauldie & Xhie 1995; Gauldie et al. 1980, 1986, 1987, 1990, 1992, [1993A,B], 1995, 1998; Habib 1976c; Jawad 2007; Kalish et al. 1996; Karrer 1971; Linkowski & Liwoch 1986; Milicich & Choat 1992; Mulligan & Gauldie 1989; Mulligan et al. 1990; Neubauer et al. 2010; Romanek & Gauldie 1996; West I & Gauldie 1994; Whitehead N & Ditchburn 1995

Parasites

General Faliex 1999; Fernandez 1985; Gibson & Jones 1993; Grabda & Ślósarczyk 1981; Hine 1978; Hine & Jones 1994; Jones J 1987, 1991a,b; Kagei et al. 1977; Kurochkin & Mamaev 1972; Leont'eva et al. 1974; Lester 1990, Lester et al. 1985, 1988; Poulin 2004; Rohde 1978; Sewell K & Lester 1988

Checklists Blair 1984; Hewitt & Hine 1972; Hine et al. 2000; Young MR 1938

Acanthocephalans Bayliss 1944; Lebedev 1967b; Petrochenko 1971; Vooren & Tracey 1976

Cestodes Alexander 1963, Allison & Coakley 1973; Korotaeva 1971; Manter 1951, 1953; McKinnon & Featherston 1982; Mehl 1970; Robinson 1959a,b; Sharples & Evans 1995a,b,d; Sin et al. 1992; Vooren & Tracey 1976; Wierzbicka & Gajda 1984; Wierzbicka & Langowska 1984

Ciliates Anderson S et al. 2009

Copepods Avdeev & Avdeev 1975; Boxshall & Bellwood 1981; Cressey 1968; Cressey & Cressey 1980; Hewitt 1963, 1964a,b,c,d, 1967, 1968a,b,c, 1969a,b,c, 1971, 1975, 1978, 1979; Hewitt & Blackwell 1987; Ho 1975; Ho & Dojiri 1987; Jones J 1985, 1988a,b; Jones & Cabral 1990; Kabata 1964, 1970, 1988; Kabata & Ho 1981; Kirk T 1888; Korotaeva 1975; Mensink et al. 2014; Phillipps 1922; Pilgrim 1985; Rohde et al. 1980; Roubal et al. 1983; Sharples & Evans 1993, 1995a,b,c; Thomson G 1885, 1890, 1891; Vooren & Tracey 1976; Wierzbicka & Gajda 1984; Wierzbicka & Langowska 1984

Coccidians Jones J 1990a

Isopods Avdeev 1975, 1978, 1979; Hurley 1961; Roubal et al. 1983; Stephenson 1969, 1976, 1987

Leeches Benham 1909b; Richardson L 1949a,b, 1950, 1953c, 1959

Monogeneans (formerly trematodes) Beverley-Burton et al. 1987, 1993; Dillon & Hargis 1965a,b, 1968; Hargis & Dillon 1965; Lebedev 1967a, 1968b; Manter 1955b; Manter & Walling 1958; Robinson 1961; Rohde 1986, 1987, 1989, 1981; Rohde et al. 1980; Rohde & Watson 1985; Roubal et al. 1983; Sharples & Evans 1995a,b,c; Tubbs et al. 2005; Wierzbicka & Gajda 1984; Wierzbicka & Langowska 1984

Myxozoans Lane et al. 2015

Nematodes Bayliss 1932; Hurst 1984a,b; Johnston & Mawson 1953; Jones & Delahunt 1995; Kagei et al. 1977; Leiper & Atkinson 1915; Mattiucci et al. 1997; Mehl 1970; Paltridge et al.

1984; Sharples & Evans 1995a,b,d; Slankis & Korotaeva 1974; Vooren & Tracey 1976; Wharton et al. 1999; Wierzbicka & Gajda 1984; Wierzbicka & Langowska 1984

Protozoans Diggles 2000; Laird 1948, 1951, 1952, 1953; Meglitsch 1960, 1968, 1970

Trematodes Bray & Jones 1993; Fyfe 1953, 1954; Howell 1966a,b, 1967; Johnston T 1931; Johnston & Mawson 1943, 1953; Jones J 1978; Korotaeva 1972, 1975, 1982; Korotaeva & Leont'eva 1972; Kurochkin & Korotaeva 1982; Lebdev 1968a,c; Manter 1960; Rohde et al. 1980; Sharples & Evans 1995a,b,d; Travers 1869a; Wierzbicka & Gajda 1984; Wierzbicka & Langowska 1984; Wilkinson 1973; Yeh 1954

Photographing fish

Bassett et al, 2008; Doak 19975c

Physiological studies, by species or group

Bigeye (*Pempheris adspersa*) Radford et al. 2013, 2015

Blue cod (*Parapercis colias*) Pankhurst N & Conroy 1987a; Pankhurst & Kime 1991

Blue maomao (*Scorpis violaceus*) Pankhurst et al. 1992; Ryan et al. 1985

Butterfish (*Odax pullus*) Brix et al. 1998

Carpet shark (*Cephaloscyllium isabella*) Satchell & Weber 1987

Demoiselle (*Chromis dispilus*) Pankhurst N 1988a; Pankhurst N & Barnett 1993; Pankhurst & Carragher N 1995; Pankhurst N & Peter 2002

Drummer (*Kyphosus sydneyanus*) Brix et al. 1998

Elasmobranchs (General) Montgomery 1983, 1984a,b; Montgomery & Bodznick 1999

Hagfish (*Eptatretus cirrhatus*) Baldwyn et al. 1989, 1990; Brittain & Wells 1986; Davie et al. 1987; Davison 1995; Davison et al. 1990; Forster M 1988, 1989, 1990, 1991, 1997; Forster M et al. 1985, 1988,1989, 1991, 1992; Forster M & Fenwick 1994; Foster J et al. 2008; Johnsson et al. 1996; Simpson et al. 2000

Hapuku (*Polyprion oxygeneios*) Khan et al. 2014, [2015A,B]; Parker et al. 2012

Labriform fishes (Various) Davison 1988, 1994; Iftikar & Hickey 2013; Iftikar et al. 2015

Leatherjacket (*Parika scaber*) Davison 1987a,b

Notothenid (Nototheniidae) De Vries 1981

Orange roughy (*Hoplostethus atlanticus*) Pankhurst N 1987a; Pankhurst N & Conroy 1988

Parore (*Girella tricuspidata*) Brix et al. 1998; Ling & Wells 1985a

Rockfish (*Acanthoclinus quadridactylus*) Davison 1984a,b

Scorpionfish (*Scorpaena papillosus*) Montgomery et al. 1996; Montgomery & Hamilton 1997

Skate (*Raja* sp.) Nicholson et al. 1994

Snapper (*Pagrus auratus*) Bollard et al. 1989, 1993; Carragher & Pankhurst 1990, 1991, 1993; Cleary et al. 2002; Cook & Herbert 2011, 2012b; Cook et al. 2011; Hobby & Pankhurst 1997; Majed et al. 2002; Pankhurst N 1994; Pankhurst & Carragher 1992; Pankhurst & Sharples 1992; Radford et al. 2012; Robinson et al. 2011, 2013; Sharples D & Pankhurst 1989

Southern pigfish (*Congiopodus leucopaecilus*) Packard 1960; Robertson 1974

Spiny dogfish (*Squalus acanthias*) Bedford 1983a,b; Bedford & Leader 1982; Bell J & Satchell 1963; Capra & Satchell 1977a,b; Leader & Bedford 1983; Li et al. 2013; Restieaux & Satchell 1958; Satchell 1958, 1959, 1960, 1961a,b 1978, 1986; Satchell & Way 1962

Stargazers (Leptoscopidae, Uranoscopidae) Brittain & Wells 1989; Forster & Starling 1982; Montgomery & Coombs 1998

Stingray (*Dasyatis brevicaudata*) Montgomery & Skipworth 1997

Sweep (*Scorpis lineolata*) Dedual & Pankhurst 1992

Triplefins (Tripterygiidae) Brix & Wells 1999; Brix & Wells 1999; Hickey & Clements 2003; Hill et al. 1996; Hilton et al. 2008, 2010; Innes & Wells 1985; Khan & Herbert 2012; Khan et al. 2014; Nilsson 2000

Tunas (Scombridae) Davie & Sparksman 1986

Yellowtail kingfish (*Seriola lalandi*) Brown et al. 2011; Cook & Herbert 2012a; Moran et al. 2007, 2008; Poortenaar et al. 2001

Physiological studies, by topic (see also Anatomical studies)

Reviews Pankhurst N & Herbert 2013

Blood Bedford 1983b; Bedford & Leader 1982; Bollard et al. 1989, 1993; Brittain 1987; Dedual & Pankhurst 1992; Brittain & Wells 1986, 1989; Brix et al. 1998; Davie & Daxboeck 1984;

Davison et al. 1990; De Vries 1981; Ford & Gauldie 1979; Forster 1991, 1997; Forster et al. 1985, 1992; Forster & Fenwick 1994; Herbert et al. 2006; Hine et al. 1987; Innes & Wells 1985; Leader & Bedford 1983; Li et al. 2013; Ling & Wells 1985a,b; Pankhurst N 1989a, 1990; Pankhurst N & Barnett 1993; Pankhurst N & Carragher 1992; Pankhurst M & Conroy 1987a; Pankhurst N & Kime 1991; Pankhurst N et al. 1992; Parker et al. 2012; Rickenbach et al. 1989; Sharples D & Pankhurst 1989; Sundin et al. 1994; Tetens & Wells 1984; Weber et al. 1983; Wells & Davie 1985; Wells & Forster 1989, Wells et al. 1984, 1986

Brain and nervous system Bassett et al. 2006, 2007; Montgomery 1984a, 1989; Montgomery & Bodznick 1999; Montgomery & Coombs 1998; Montgomery et al. 1996; Montgomery & Hamilton 1997; Montgomery & Saunders 1985; Montgomery & Skipworth 1997; Nicholson et al. 1994; Paulin M & Montgomery 1986a,b; Restieaux & Satchell 1958; Satchell & Way 1962; Wells et al. 2005; Yopak & Montgomery 2008

Digestive system Shephard 1982

Eye Bell J & Satchell 1963; Montgomery 1983, 1984b; Montgomery & MacDonald 1985; Montgomery et al. 1983; Montgomery & Paulin 1984; Pankhurst N 1987b; Paulin M & Montgomery 1986b; Robinson et al. 2011, 2013; Varela & Ritchie 2015

Heart function and vascular system Baldwyn et al. 1989; Capra & Satchell 1977a,b; Davie & Daxboeck 1984; Davie et al. 1987; Davison 1995, 1997; Forster 1988, 1989, 1990; Forster et al. 1985, 1988, 1989, 1991, 1992; Foster M et al. 2008; Hilton et al. 2010; Iftikar & Hickey 2013; Iftikar et al. 2015; Johnsson et al. 1996; Montgomery et al. 1986; Satchell 1960, 1971; Satchell & Weber 1987

Hypnosis Wells et al. 2005

Hypoxia Cook & Herbert A212a,b; Cook et al. 2011, 2013; Coxon & Davison 2011; Herbert et al. 2006; Moran et al. 2008; Robinson et al. 2013

Intertidal adaptations Davison 1985; Hill et al. 1996; Khan et al. 2014

Metabolism Clements et al. 1994; Davison 1997; Forster & Starling 1982; Hickey & Clements 2003; Majed et al. 2002; Morris RW 1965; Morrow & Mauro 1950; Moran et al. 2007; Moran & Wells 2007; Yanase et al. 2012

Musculature Davie & Sparksman 1986; Davison 1984c, 1987a,b; 1988, 1994; Hickey & Clements 2003; Khan et al. 2014, 2015B; McVean & Montgomery 1987

Olfaction Radford et al. 2012

Reproduction Barnett & Pankhurst 1994; Carragher & Pankhurst 1990, 1991, 1993; Cleary et al. 2002; Hobby & Pankhurst 1997; Pankhurst N 1987a, 1988a, 1990, 1994; Pankhurst & Barnett 1993; Pankhurst & Carragher 1991, 1992, 1995; Pankhurst N & Conroy 1987a; Pankhurst N & Peter 2002; Pankhurst N & Poortenaar 2000; Pankhurst M & Sharples 1992; Poortenaar 2001

Respiration Coxon & Davison 2011; Forgan & Forster 2010; Hill et al. 1996; Innes & Wells 1985; Khan et al. 2014; Poortenaar & Pankhurst 2000; Robertson 1974; Satchell 1958, 1959, 1960, 1961a,b, 1962, 1978; Simpson et al. 2000; Sundin et al. 1994

Skin Nilsson 2000; Shephard 1981

Sound production/recognition Caiger et al. 2023, 2013; Packard 1960; Radford et al. 2008, 2010; 2011, 2012, 2015; Tolimieri et al. 2002

Swimming Brown et al. 2011; Davison 1887b, 1888, 1997; Forster M et al. 1995, 1998; Herbert et al. 2006; Tuckey & Davison 2004; Wells et al. 1986; Yanase et al. 2012

Stress *(see also Angling stress)* Cleary et al. 2002; McArley & Herbert 2014; Moran et al. 2008; Wells RM 1987, Wells & Davie 1985; Wells et al. 1986

Temperature acclimation Davison 1984a,b; Khan & Herbert 2012

Phytoplankton and fish/fisheries

Jones & Rhodes 1994; McClatchie et al. 1997; Taylor et al. 1985

Poisoning and toxins (see also Heavy metals)

Begg RC 1975; Liggins 1939; Lonie 1950; Watson 1958; Slaughter et al. 2009, 2015

Policy, fisheries management (see Fisheries management)

Pollution and similar threats

Morrison et al. 2009; Parsons et al. 2014; Ramirez-Llodra et al. 2011; Shears & Ross 2010

Portobello (see Fish hatchery, Portobello)

Processing of fish products (see Handling and processing)

Property resources and rights (see also Individual transferable quotas)

Allen R 1991; Anderson T et al. 2011; Bess 2000; Bess & Harte 2000, 2001; Bess & Rallapudi 2007; Cassidy 2000; Clement 2000; Cole D & Ostrom 2012; Connor R 2000, 2001a,b; De Alessi 2008; Dorsett 2006; Dorsett & Godden 2005; Durette 2007; Harte 2000a,b; Harte et al. 1998; Helson et al. 2010; Heremaia 2000; Hersoug 2002; Hooper 2003; Hughey 1997; Jackson 2013b; Kearney 2001; Ostrom 2008; Wyatt 2000; Yandle 2007; Yandle & Dewees 2003

Recreational fishing (see also Game-fishing)

Babcock E 2008; Bell J et al. 1993; Blackwell E 1997a,b; Borch 2010; Bradford 1996, 1998b,c, 1999; Bradford et al. 1998a,b, 1999; Fisher & Bradford 1999; Hartill & Cryer 2001; Hartill & Edwards 2015; Hartill et al. 1998, 2005, 2011, 2012; Henderson 2009; Hetherington 1998, 2000; James & Unwin 2000; James et al. 1997; Källqvist et al. 2015; Kearney 2001; Kopf et al. 2005; McArley et al. 2014; McCarthy et al. 2013; Penlington 1988; Ritchie I et al. 1982; Sorenson 1965c; Walshe 2003; Williamson 2001

Recruitment (of juveniles into populations)

Beentjes & Renwick 2001; Connell & Jones 1991; Francis M 1993a; Francis M et al. 1997; Francis RI 2006; Francis et al. 2006; Gauldie & Sharp 2001; Gerring & Bradford 1998; Gilbert 1997; Jones G 1984b; Kingsford et al. 2002; Maunder 1998; Mensink & Shima 2014; Roper 1986; Shima & Swearer 2009a; Sim-Smith et al. 2013a; Swearer & Shima 2010; Willis & Roberts 1996

Regional faunas (see Faunas and checklists, and Distribution patterns)

Remotely operated vehicles (ROVs)

Carbines & Cole 2009; Trenkel et al. 2004; Zintzen et al. 2012

Reproduction, spawning, early life history

General, and multispecies Graham D 1937, 1939b; Hickford & Schiel 2003; O'Driscoll et al. 2003; Pankhurst N & Munday 2011; Robertson 1975c, 1980a; Shuntov et al. 1980; Swearer & Shima 2010; Webb 1973a

Northern New Zealand, multispecies Crossland 1981a, 1982b; Kingsford 1988; Tricklebank et al. 1992

Southern New Zealand, multispecies Bradford-Grieve & Livingston 2011; Robertson 1980a

Anchovy (*Engraulis australis*) Webb 1972c

Barracouta (*Thyrsites atun*) Mehl 1971

Banded wrasse (*Notolabrus fucicola*) Denny & Schiel 2002; Harwood & Lokman 2006

Black shark (*Dalatias licha*) Parker 1888a

Blue cod (*Parapercis colias)* Pankhurst & Conroy 1987a; Pankhurst & Kime 1991

Blue shark (*Prionace glauca*) Francis M & Duffy 2005

Blue moki (*Latridopsis ciliaris*) Francis M 1981b

Brill (*Colistium guntheri*) Poortenaar et al. 2001; Tait & Hickman 2001

Bristlemouth (*Cyclothone braueri*) Spanovskaya & Grigorash 1978a

Butterfish (*Odax pullus*) Trip et al. 2011, 2014

Carapids (Carapidae) Robertson 1975a

Clingfish (*Trachelochismus* spp., *Diplocrepis puniceus*) Ruck 1971, 1973b

Damselfishes (*Parma microlepis*) Tzioumis 1995

Demoiselle (*Chromis dispilus*) Barnett & Pankhurst 1994, 1996; Pankhurst 1988a, 1989a, 1990; Pankhurst & Barnett 1993; Pankhurst N & Peter 2002; Russell 1971a; Tzioumis 1995

Elephantfish (*Callorhynchus milii*) Didier et al. 1998; Lyon et al. 2011; Parker 1883g, 1884d, 1886b, 1892b

Escolar (*Lepidocybium flavobrunneum*) Nishikawa 1982

Flounders (*Rhombosolea* spp.) Colman 1972c, 1973a; Pankhurst N & Poortenaar 2000; Robertson & Raj 1971

Frostfish (*Lepidopus caudatus*) Robertson 1980b

Gropers (*Polyprion* spp.) Roberts C 1989a; Anderson S et al. 2012; Kohn et al. 2013; Kohn & Symonds 2012

Hagfish (*Eptatretus cirrhatus*) Martini & Beulig 2013

Hoki (*Macruronus novaezelandiae*) Ballara & Sullivan 1994; Bradford-Grieve et al. 2007; Bull & Livingston 2001; Coombs & Cordue 1995; Kuo & Tanaka 1984b; Langley 1993; Livingston 1990; Livingston et al. 1991, 1997; MacDonald et al. 2002; Murdoch & Chapman 1989; Murdoch et al. 1990a; Murdoch & Quigley 1994; O'Driscoll 2004; Patchell et al. 1987; Schofield & Livingston 1998; Uozumi 1988; Zeldis 1998
Jack mackerels (*Trachurus* spp.) Evseenko 1987; Nosov & Platoshina 1975
Ling (*Genypterus blacodes*) Roberts C 1987a
Louvar (*Luvarus imperialis*) Nishikawa 1987
Mako shark (*Isurus oxyrinchus*) Duffy & Francis 2001; Francis M & Duffy 2005
Marlins (Istiophoridae) Kopf et al. 2012Lindauer 1935
Orange weedfish (*Ericentrus rubrus*) Moreland & Dell 1950
Orange roughy (*Hoplostethus atlanticus*) Bull et al. 2001; Clark M et al. 1994; Dunn & Forman 2011; Dunn et al. 2009; Francis RI & Clark 1988; Kotlyar & Lisovenko 1982; Pankhurst 1988b; Pankhurst & Conroy 1987b, 1988; Pankhurst N et al. 1987; Zeldis et al. 1987, 1998, 1999
Oreos (Oreosomatidae) Pankhurst N et al. 1987
Pilchard (*Sardinops sagax*) Baker 1972; Webb 1972c
Porbeagle shark (*Lamna nasus*) Francis M & Duffy 2005; Francis M & Stevens 2000
Pufferfish (*Contusus richei*) Habib 1979
Red gurnard (*Chelidonichthys kumu*) Clearwater & Pankhurst 1994, 1997; Elder 1976
Red moki (*Cheilodactylus spectabilis*) McCormick 1989b
Rig/Smoothhound (*Mustelus antarcticus*) Boomer et al. 2013; Francis M 2013; Francis M & Mace 1980; Francis M et al. 2012; Jones E et al. 2015; King 1984; King & Clark 1984; Massey & Francis 1989; Parker 1883d; Parker & Liversidge 1890
Sand diver (*Tewara cranwellae*) Roper 1981b
School shark (*Galeorhinus galeus*) Hernández et al. 2014
Seahorse (*Hippocampus abdominalis*) Poortenaar et al. 2004; Woods 2005c
Silver warehou (*Seriolella punctata*) Gavrilov 1976a; Grimes & Robertson 1981
Slender smoothhound (*Gollum attenuatus*) Yano 1993a
Smooth oreo (*Pseudocyttus maculatus*) Conroy & Pankhurst 1989
Snapper (*Pagrus auratus*) Battaglene & Talbot 1992; Cassie 1956a,b; Cleary et al. 2002; Crossland 1977a,b, 1980a,b, 1981; Francis M 1993a, 1994b; Francis et al. 1997; Francis M & Pankhurst 1988; Hobby & Pankhurst 1997; Le Port et al. 2014; Murphy et al. 2012; Pankhurst N 1994; Pankhurst et al. 1989; Pankhurst N & Pankhurst 1989; Pankhurst P et al. 1991; Parsons et al. 2015; Scott S & Pankhurst 1992, 1993; Sim-Smith et al. 2012a,b, 2013; Smith P 1986c; Ventling & Pankhurst 1995; Zeldis 1993a,b; Zeldis & Francis 1998
Southern blue whiting (*Micromesistius australis*) Balbontin et al. 2004; Hatanaka 1986; Lisovenko et al. 1982; Pankhurst P 1994; Shpak 1978; Svirski & Shpak 1977
Southern pigfish (*Congiopodus leucopaecilus*) Robertson 1974
Southern lantern shark (*Etmopterus granulosus*) Wetherbee 2000
Spiny dogfish (*Squalus acanthias*) Hanchet 1988
Sprat (*Sprattus* spp.) Baker 1973; Colman 1979
Striped marlin *(see Marlins)*
Sweep (*Scorpis lineolatus*) Dedual & Pankhurst 1992
Tarakihi (*Nemadactylus macropterus*) Bruce et al. 2001; Robertson 1978c; Tong & Saito 1977; Vooren 1972, 1975
Trevally (*Pseudocaranx georgianus*) James 1976
Torpedo ray (*Tetronarce fairchildi*) Robson 1884
Triplefins (Tripterygiidae) Kohn & Clements 2011; Morton & Shima 2013; Ruck 1973a; Shima & Swearer 2009a,b, 2010; Smith AC & Shima 2011; Thompson S 1986; Wellenreuther & Clements 2007
Turbot (*Colistium nudipinnis*) Poortenaar et al. 2001; Tait & Hickman 2001
White shark (*Carcharodon carcharias*) Francis M 1996c
White warehou (*Seriolella caerulea*) Gavrilov 1978a
Yellowtail kingfish (*Seriola lalandi*) Moran et al. 2007; Poortenaar et al. 2001

Research on fisheries (see Fisheries research issues)

Reviews and significant accounts of species

Albacore tuna (*Thunnus alalunga*) Murray 1994
Bluefin tuna, northern (*Thunnus thynnus*) Bayliff 1994
Bluefin tuna, southern (*Thunnus maccoyii*) Caton 1991, 1994a
Dolphin-fish (*Coryphaena hippurus*) Palko et al. 1982
Dwarf pelagic shark (*Euprotomicrus bispinatus*) Hubbs & Matsubara 1967
Elephantfish (*Callorhynchus milii*) Gorman 1962
Grey mullet (*Mugil cephalus*) Thomson J 1963, 1966
Hake (*Merluccius australis*) Colman 1994
Hoki (*Macruronus novaezelandiae*) Livingston et al. 2015; Murdoch 1993
Pilchard (*Sardinops sagax*) Blackburn 1960a; Parrish et al. 1989
Porbeagle shark (*Lamna nasus*) Francis M et al. 2008
Redbait (*Emmelichthys nitidus*) Welsford & Lyle 2003
School shark (*Galeorhinus galeus*) Olsen 1984
Skipjack tuna (*Katsuwonus pelamis*) Wild & Hampton 1984
Snapper (*Pagrus auratus*) Crossland 1981b; Francis M 2003b; Parsons et al. 2014; Paul 1976
Striped marlin (*Kajikia audax*) Ueyanagi & Wares 1975
Tarakihi (*Nemadactylus macropterus*) Annala 1987; Tong & Vooren 1972
Trevally (*Pseudocaranx georgianus*) James 1984
Tripterygiids (*Tripterygion* spp.) Fricke 1994

Reviews and significant accounts of multi-species groupings

Sharks, rays, chimaeras Cavanagh et al. 2003; Compagno et al. 2005; Dulvy et al. 2014; Kyne & Simpfendorfer 2007

Risk factors and uncertainty in management

Campbell M & Gallagher 2007; Cordue 1993; Cordue & Francis 1994; Ford et al. 2015; Francis RI 1991, 1992a, 1994, 1997; Francis RI & Shotton 1997; Hilborn et al. 1993; Lack et al. 2003; Penney & Guinotte 2013

Sampling methods

Methodology Gray et al. 2006; Kingsford & Battershill 1998
Commercial catches and landings Allen R 1975
Light-trapping Hickford & Schiel 1999; Ruck 1975
Trawl surveys Francis RI 1984a
Underwater observations *(see also Surveys)* Cole et al. 2001; Morrison & Carbines 2006; Pankhurst N 1988a, 1990; Pankhurst & Kime 1991; Watson et al. 2005; Willis 2001

Scales, morphology and chemistry

Adcock et al. 2000; Coote et al. 1991; Gauldie et al. 1990A, [1991B]; Hammond & Savage 2009; Jawad 2005; Kingsford & Atkinson 1994; Phillipps 1925a; Roberts 1993; Vasil'kov 1977; Woodward 1917

Seals (see also Bycatches of; Food and feeding studies)

Baird 2011; Sorenson 1969a,b; Street 1964

Seamount fisheries and conservation

Boldyrev et al. 1981; Brodie & Clark 2003; Bull et al. 2001; Clark M 1999, 2009a,b, 2010, 2011; Clark C et al. 2006, [2010A,B], 2015; Clark M & Dunn 2012; Clark M & O'Shea 2001; Clark M & Rowden 2009, 2010; Clark M et al. 2005, 2010; Clark M et al. 2006, 2007, 2010, 2012, 2014; Clark M & Tittensor 2010; Consalvey et al. 2008; Koslow 1996; Morato & Clark 2007, 2010; O'Driscoll & Clark 2005; O'Driscoll et al. 2012; Penney & Guinotte 2013; Pitcher & Clark 2010; Pitcher [et al. 2007A,B]; Probert 1999; Rowden et al. 2003; Smith P 2008; Stocks et al. 2012; Tracey et al. 2004, 2012; Williams A et al. 2010

Self-governance of fisheries (see Fisheries self-governance)

Sound and fish behaviour

Montgomery et al. 2001, 2006; Packard 1960; Radford et al. 2010, 2011; Tolimieri et al. 2000, 2002

Species reviews (see Reviews)

Squalene oil (see Fish oils)

Stakeholders and fisheries management (see Fisheries self-governance and stakeholder issues)

Statistical information on New Zealand commercial fish landings (see Commercial catch …)

Stock assessments and modelling, general

Bradford 1994, 1986c; Campbell et al. 1993; Cordue 1993; Cordue & Francis 1994; Elder 1979; Francis RI 2011, 2012a, 2014; Gilbert D 1986, 1997; Gilbert D et al. 2006; Harley et al. 2000a; Hayashi 1974; McAllister et al. 1999; Mace & Sissenwine 1989; Marchal [et al. 2009A,B]; Maunder & Langley 2004; Millar & Stewart 2005; Pinkerton et al. 2015; Slack 1969c

Stock and population identification

General Gauldie 1979, 1988d; Haddon & Willis 1995; Hanchet 1999; Horn & Hurst 1999; Hurst & Bagley 1989; Kalish et al. 1996; Lester 1990

Gropers (*Polyprion* spp.) Ball et al. 2000

Hake (*Merluccius australis*) Smith et al. 1979

Hoki (*Macruronus novaezelandiae*) Baker et al. 1995; Livingston & Schofield 1996; Smith et al. 1981, 1996

Ling (*Genypterus blacodes*) Smith P 1979b; Smith & Francis 1982

Orange roughy (*Hoplostethus atlanticus*) Baker et al. 1992, 1995; Elliott et al. 1994; Lester et al. 1988; Smith P 1986a; Smith & Benson 1997; Smith et al. 1996, 1997

Oreos (Oreosomatidae) Elliott et al. 1998

Pilchard (*Sardinops sagax*) Blackburn 1951

Snapper (*Pagrus auratus*) Longhurst 1958; Smith P et al. 1978; Smith & MacDonald 1979

Stress responses in fish (see also Physiological studies)

Barnett & Pankhurst 1998; Carragher & Pankhurst 1991; Clearwater & Pankhurst 1997; Ling & Wells 1985a,b; Lowe & Wells 1996; Pankhurst et al. 1992; Ryan et al. 1995; Wells 1987; Wells & Davie 1985; Wells et al. 1986; Wells & Dunphy 2009; Wright et al. 2007

Surimi and fish sausage

Anon. 1987; Buisson 1987; Holmes et al. 1992; Khem et al. 2013; MacDonald et al. 1990; Scott D 1988

Surveys

Acoustic *(see Acoustic studies and surveys)*

Aerial *(see Aerial surveys)*

Egg production surveys for biomass Crossland 1980a; Zeldis 1993a,b; Zeldis & Francis 1998; Zeldis et al. 1988

Recreational *(see Recreational fishing)*

Trawl *(see Trawl surveys)*

Underwater fish counts *(see also Video, and Remotely operated vehicles (ROVs))* Willis & Babcock 2000; Cole R et al. 2001, 2003, 2007; Dunlop et al. 2014; Gardner & Struthers 2013; Harvey et al. 1998, 2001a,b, 2002; Kingsford & Battershill 1998; McCormick & Choat 1987; Morrison & Carbines 2006; Smith AN et al. 2014; Watson et al. 2005; Willis 2001; Willis et al. 2000, 2006

Sustainability of fisheries (see also Fisheries management, etc.)

Barton 2006; Clark M 2001; Clark & Dunn 2012; De Alessi 2008; Fisheries Task Force 1992; Francis RI & Clark 2005; Glasby 1991; Gibbs 2008; Hartill et al. 2005; Hughey 1996; Jeffs & Liyanage 2005; Kirk & Memon 2010; Norse & Clark 2011; Nowliss & Van Benthem 2012; Probert 1999; Schweikert et al. 2012; Sissenwine & Mace 2007; Stewart JM & Callagher 2003

Tagging studies

Reviews and General Allen K 1963; Crossland 1982a; Francis RI 1988c; Gauldie 1988d; Gilbert et al. 2001; Jellyman et al. 2007; Murray 1990a

Alfonsino (*Beryx splendens*) Horn 1989

Barracouta (*Thyrsites atun*) Hurst & Bagley 1989

Billfish (Istiophoridae) Davies & Hartill 1998; Hartill & Davies 1999, 2000, 2001; Holdsworth & Saul 1998; Ortiz et al. 2003

Blue cod (*Parapercis colias*) Mace & Johnston 1983

Bluenose (*Hyperoglyphe antarctica*) Horn 1989, 2003

Flounders (*Rhombosolea* spp.) Colman 1974a, 1978

Gamefish (tunas, marlins, kingfish) Saul & Holdsworth 1992

Hapuku (*Polyprion oxygeneios*) Beentjes & Francis 1999

Kahawai (*Arripis trutta*) Davidson G et al. 1999; Griggs et al. 1998; Wood et al. 1990

Kingfish (*Seriola lalandi*) Davies & Hartill 1998; Hartill & Davies 2001
Rig/Smoothhound (*Mustelus lenticulatus*) Francis M 1988b
Seahorse (*Hippocampus abdominalis*) Woods 2005a; Woods & Smith 2004
Skipjack (*Katsuwonus pelamis*) Kleiber et al. 1983
Snapper (*Pagrus auratus*) Crossland 1976b, 1982c, Francis RI et al. 1992; Gauldie 2000; Parsons et al. 2003, 2010, 2011; Parsons & Egli 2005; Paul 1967; Tong 1978; Willis & Babcock 1998
Stingray (*Dasyatis brevicaudata*) Le Port et al. 2008
Striped marlin (*Kajikia audax*) Domeier 2003; Sippel et al. 2011
Trevally (*Pseudocaranx georgianus*) James 1980
White shark (*Carcharodon carcharias*) Duffy et al. 2010; Francis et al. 2012; Pardini et al. A1991

Taiāpure (see also Maori fisheries)

Källqvist et al. 2009; McCarthy et al. 2013

Territorial and home range studies

Barnett & Pankhurst 1996; Bassett & Montgomery 2011; Egli & Babcock 2004; Francis et al. 2015; Mayr & Berger 1992; Parsons et al. 2011; Hartill et al. 2003; Le Port et al. 2008; McDermott & Shima 2006; Marcotte 2014; Morrison et al. 2002; Pankhurst N 1990, 1993; Pankhurst & Barnett 1993; Pankhurst & Carragher 1995; Parsons & Egli 2005; Parsons et al. 2003, 2010; Rodgers & Wing 2008; Shima et al. 2012; Thompson S 1983; Thompson & Jones 1983; Willis et al. 2001

Trawl mesh (see Mesh selectivity)

Trawl surveys, for

Middle depth species Bagley & Hurst 1995, 1996a,b, 1998, 1999; Bagley & Livingston 2000; Bagley & McMillan 1999; Colman 1996; Horn 1994a,b; Hurst & Bagley 1994, 1997a; Stevens et al. 2001, 2002
Shelf and upper slope species Hurst & Bagley 1997b; Hurst et al. 1990
Barracouta (*Thyrsites atun*) Hurst & Bagley 1987
Hake (*Merluccius australis*) Bagley & McMillan 1999
Hoki (*Macruronus novaezelandiae*) Bagley & Hurst 1998; Bagley & Livingston 2000; Chatterton & Hanchet 1994; Horn 1994a,b; Hurst & Schofield 1995; Ingerson & Hanchet 1995, Ingerson et al. 1995; Livingston & Schofield 1993, 1995; Livingston et al. 2002; Schofield & Horn 1994, Schofield & Livingston 1994a,b,c, 1995, 1996, 1997; Stevens et al. 2001, 2002
Jack mackerels (*Trachurus* spp.) Horn 1991
Orange roughy (*Hoplostethus atlanticus*) Anderson O & Fenaughty 1996; Clark & Anderson 1999; Clark & Field 1998; Clark et al. 1996; Clark & Thomas 1994; Clark & Tracey 1991a,b, 1993, 1994a; Hart & McMillan 1998; McMillan & Hart 1994a,b, 1995; Robertson et al. 1984; Tracey & Fenaughty 1997; Tracey et al. 1990, 1997
Oreos (Oreosomatidae) Clark et al. 1996; Clark & Thomas 1994; Clark & Tracey 1994a; Hart & McMillan 1998
Snapper (*Pagrus auratus*) Langley 1995a,b; McMillan & Hart 1994a,b, 1995; Morrison 1997, 1998; Morrison & Francis 1999; Morrison & Parkinson 2000, 2001; Morrison & Stevenson 2001; Morrison et al. 2001; Stevenson 1996a,b
Tarakihi (*Nemadactylus macropterus*) Vooren & Tong 1973

Trawl surveys. Note: The following lists are incomplete, as some survey results were published in several grey literature report series not included in this bibliography.

Trawl surveys, regional

New Zealand and general Ayson 1900, 1901, 1908a,b; Francis RI 1981, 1984a; Hatanaka et al. 1989A,B; Stevenson & Hanchet 1999; Thomson G 1901; Waite 1909a, 1911b,c
Bay of Plenty Clark & Anderson 1999; Clark & Field 1998; Morrison 1997; Morrison & Parkinson 2000; Morrison et al. 2001; Tong & Elder 1968; Vooren & Tong 1973
Challenger Plateau Clark & Tracey 1991a; Tracey et al 1990
Chatham Rise Bagley & Hurst 1998; Bagley & Livingston 2000; Fenaughty & Uozumi 1989; Horn 1994a,b; Hurst & Bagley 1987, 1992; Livingston & Schofield 1995; Livingston et al. 2002; McMillan & Hart 1994a,b, 1995; Roberts C 1991; Robertson et al. 1984; Schofield &

Horn 1994; Schofield & Livingston 1995, 1996, 1997; Stevens et al. 2001, 2002; Tracey & Fenaughty 1997; Tracey et al. 1997

Hauraki Gulf Langley 1995a; Morrison & Francis 1999

Macquarie Ridge Clark M & Thomas 1994

North Island Clark M & King 1989

North Island east coast Grimes 1996a,b; Kirk & Stevenson 1996; Stevenson 1996b,c; Stevenson & Hanchet 2000b; Stevenson & Kirk 1996

North Island west coast Horn 1991; Langley 1995b; Morrison 1998; Morrison & Parkinson 2001; Morrison & Stevenson 2001; Tunbridge 1966; Webb 1972b

Otago coast Dickinson 1958

Pukaki Rise Clark & Thomas 1994

South Island east coast Beentjes 1995a,b, 1998a,b; Beentjes & Stevenson 2000, 2001; Beentjes & Wass 1994; Fenaughty & Bagley 1981; Grimes 1996a,b; Stevenson 1997; Stevenson & Beentjes 1999, 2001, 2002; Stevenson & Hurst 1998

South Island west coast Drummond & Stevenson 1995a,b, 1996; Stevenson 1998; Stevenson & Hanchet 2000a; Stevenson 2002

Southland and Subantarctic Bagley & Hurst 1995, 1996a,b; Bagley & McMillan 1999; Chatterton & Hanchet 1994; Clark & Tracey 1991b, 1993; 1994a; Colman 1996; Fenaughty & O'Sullivan 1978; Hurst & Bagley 1994, 1997b; Hurst & Schofield 1995; Ingerson & Hanchet 1995; Ingerson et al. 1995; Livingston & Schofield 1993; O'Driscoll & Bagley 2001; O'Driscoll et al. 2002; Schofield & Livingston 1994a,b,c; Uozumi et al. 1987; van den Broek et al. 1984

Tasman Bay Blackwell & Stevenson 1997 Drummond & Stevenson 1995a,b, 1996; Stevenson 1996a, 1998, 2002; Stevenson & Hanchet 2000a

Trawling, environmental impacts (see also Bycatches, Dredge impacts)

Baco et al. 2010; Baird et al. 2015; Baird & Wood 2012; Baird et al. 2011; Black J & Tilney 2015; Black & Wood 2014; Black et al. 2013; Brodie & Clark 2003; Clark M et al. 2010; Clark & Dunn 2012; Clark & Koslow 2007; Clark & O'Driscoll 2003; Clark & Rowden 2009; Clark et al. 2005, 2006, 2007, 2010; Clark & Tittensor A2100; Cryer et al. 2002; Gray et al. 2006, 2007; Handley et al. 2014; Hewitt J 2011; Jones J 1992; Morato & Clark 2010; Mormede & Dunn 2013; Parker et al. 2009; Penney & Guinotte 2013; Penney et al. 2009; Ramirez-Llodra et al. 2011; Rowden & Clark 2010; Thrush 1998; Thrush et al. 1998, 2001; Turner et al. 1999; Williams A et al. 2010

Trophic cascade

Leleu et al. 2012; Newcombe & Taylor 2010; Schiel 2013; Pérez-Matus & Shima 2010a; Salomon et al. 2008; Shears & Babcock 2002, 2003; Shears et al. 2008; Shears & Ross 2010

Type specimens

Dawson E 1979; Freeman & Tunnicliffe 1996; Hardy 1990; Phillipps 1919; Russell 1996; Powell 1941; Russell 1996; Wahlert 1955

Video observation of fish and marine habitats

Basset & Montgomery 2011b; Carbines & Cole 2009; Dunlop et al. 2014; Harvey et al. 2001a,b, 2002; O'Driscoll et al. 2012; Parsons et al. 2004; Watson et al. 2005; Zintzen et al. 2012; Harvey et al. 2001a,b, 2002; O'Driscoll et al. 2012; Parsons et al. 2004; Ryan T et al. 2009; Watson et al. 2005; Willis & Babcock 2000; Willis et al. 2000; Zintzen et al. 2012

Vitamin in fish oils and flesh

Cunningham 1935, 1937; Cunningham & Scott 1944; Denz & Shorland 1934; Hartman 1949; Lonie 1950; MacFarlane 1950; Shorland 1935, 1948a; Weeber 1945

Wax esters in fish oils (see Fish oils)

Year-class strengths (see Climate)

8. INDEX OF FAMILY NAMES

Notes:

1. The numbers refer to the first species or name combination within the family in the Systematics Section.

2. Families recorded by Roberts et al. (2015) and listed in the Systematics Section, but for which there are no pre-2000 references and thus no citations in this bibliography, are indicated by *.

Moridae 1673
Mugilidae 1878
Mullidae 2694
Muraenidae 674
Muraenolepididae 1498
Myctophidae 1183
Myliobatididae 629
Myxinidae 41
Narkidae 545
Nemichthyidae 752
Neobastidae 2215
Neoscopelidae 1179
Nettastomatidae 809
Nomeidae 3935
Notacanthidae 662
Notosudidae 1118
Nototheniidae 3185
Odontaspididae 130
Ogcocephalidae 1823
Omosudidae 1177
Oneirodidae 1842
Ophichthidae 728
Ophidiidae 1463
Opisthoproctidae 920
Oplegnathidae *
Oreosomatidae 2114
Ostraciidae 4128
Ostracoberycidae 2740
Otodontidae 26
Oxynotidae 518
Pachyrhizontidae 27
Paralepididae 1139
Paraulopidae 1096
Parazenidae 2087
Pempheridae 2725
Pentacerotidae 2741
Percophidae 3251
Photichthyidae 984
Pinguipedidae 3221
Platytroctidae 936
Plectrogeniidae 2284
Plesiopidae 2482
Polymixiidae 1447
Polyprionidae 2361
Pomacanthidae 2739
Pomacentridae 3137
Pomatomidae 2540
Priacanthidae 2519
Pseudocarchariidae *
Pseudotriakidae 255
Psychrolutidae 2338
Rajidae 553
Regalecidae 1430
Rhincodontidae 361
Rhinobatidae 525
Rhinochimaeridae 116
Rhombosoleidae 3989
Rondeletiidae 2004
Saccopharyngidae 818
Sclerorhynchidae 36
Scomberesocidae 1916
Scombridae 3726
Scombrolabracidae 3649
Scopelarchidae 1137
Scophthalmidae 3951
Scorpaenidae 2216
Scorpididae 2797
Scyliorhinidae 226
Sebastidae 2216
Serranidae 2392
Serrivomeridae 814
Setarchidae 2214
Soleidae 4079
Somniosidae 465
Sparidae 2666
Sphyraenidae 3650
Sphyrnidae 348
Squalidae 401
Squatinidae 38
Stephanoberycidae *
Sternoptychidae 998
Stomiidae 1029
Synaphobranchidae 716
Syngnathidae 2133
Synodontidae 1105
Tetragonuridae 3945
Tetraodontidae 4142
Tetrarogidae 2271
Torpedinidae 534
Trachichthyidae 2018
Trachipteridae 1407
Trachyrincidae 1663
Triacanthodidae 4081
Triakidae 258
Trichiuridae 3711
Triglidae 2285
Tripterygiidae 3347
Uranoscopidae 3292
Veliferidae 1384
Xiphiidae 3860
Zanclidae 3640
Zeidae 2068
Zeniontidae 2109
Zoarcidae 3159

9. INDEX OF SCIENTIFIC NAMES

Notes:

1. The numbers refer to the entry numbers in the Systematics Section, not to page numbers.

2. Original errors or ambiguities (spelling, typographic, typesetting, OCR, other) have been retained, even when obvious; the distinction between 'obvious' and 'possible' is not clear-cut. New errors have undoubtedly been introduced during the several transcriptions of this work from a card index to a final report (see Introduction).

3. Genera-only entries, and entries to 'Genus sp.', are not included when there are adjacent entries to named species in the genus.

4. This index covers the 1769–2000 papers in the Systematics Section. It does not cover the 2001–2105 papers which are included in the bibliography only by title, or the Appendices of university theses, parliamentary papers, and Museum Marine File articles.

5. This index may be useful in locating citations to genera or species which for a variety of reasons have been placed in the wrong family in the Systematics Section. Also, where a variant spelling, or an original typographic error, has placed a name combination some distance away from the main citations.

10. INDEX OF COMMON NAMES

Notes:

1. The numbers refer to the entry numbers in the Systematics Section, not to page numbers.

2. Errors (spelling, typographic, typesetting, attribution to the correct species, etc.) range from obvious through probable to possible. All have been retained; it is for the user of this bibliography to make a judgement. New errors have undoubtedly been introduced during the several transcriptions of this work from a card index to a final report (see Introduction for an account of this process).

3. The names have been used by at least one citation within the listed entry numbers, but not necessarily all.

4. The names are those recorded in the original accounts, whether incorrect or not. No attempt has been made to distinguish between correct, doubtful, and incorrect usage.

5. The names are those that have been used in the New Zealand literature, but in some cases, and more correctly, they are names commonly used elsewhere and applied – sometimes inappropriately – to a New Zealand species.

6. In many cases the same name has been used for different, sometimes unrelated, species.

7. Many species have more than one common name.

8. The listing of multiple common names in the Systematics Section is alphabetic and does not reflect the validity or preference for any name over the others. For some names, this has resulted in lesser-used names being listed before the more usual name. 'Standard names' have not yet been established for New Zealand fishes (see Introduction), and this account makes no recommendations.

9. Square brackets are used when the name has not been used by all entry numbers within the sequence, either because a common name has not been cited, or because related genera and species in the family alphabetically separate the entries. For example, 'Mullet' [1880-1905] is listed rather than 1880, 1883, 1897, 1903, 1905. This is most often applied to general names; the listings for species (actual or probable) are given in more detail unless the sequence is short and almost complete. In a few cases the common names extend over a considerable numeric sequence and refer to more than one species; here the individual numbers are listed.

10. For uniformity, personal names are listed here with an apostrophe, e.g., Baxter's dogfish, although this is not always the case in the original.

11. The convention [-] is used when names have been listed as one word, two words, or hyphenated, e.g., 'Bronze[-]whaler shark'; it indicates at least two of these formats. In some names, brackets () indicate that alternative word endings occur but are combined in the index. In most other names, variant spellings or versions of what is clearly the same name are retained. The alphabetic arrangement of this index ignores the presence of a space, a hyphen, or [-].

12. Names with the *suffix* 'fish', 'eel', 'shark', and 'tuna' are combined with the names without them, listing the more commonly used version. Thus 'Angler' and 'Angler fish' are combined, as well as the hyphenated form. However, (apart from 'fish'), they are listed when these general names occur first in a cross-reference; thus, "Flounder, finless".

13. In some cases, the 'name' is really only a description, e.g., 'Deepwater dogfish', but the distinction between names and descriptions is ill-defined and the latter are treated here as names.

14. 'New Zealand' has been used both as a qualifier, and as part of the name itself, and in some original accounts it has been difficult to distinguish between these. It is retained in this index, standardised to 'NZ' from the different original formats.

15. This index covers the 1769–2000 papers referred to in the Systematics Section. It does not cover the 2001–2015 papers which are included in the bibliography only by title, or the Appendices of University Theses, Parliamentary Papers, and Museum Marine File articles.

16. This index does not include the common names listed under each family heading, taken from the checklist in Roberts et al. (2015), as for the other post-2000 references.