



ROYAL  
SCOTTISH  
MUSEUM

Instituut voor Zeewetenschappelijk onderzoek  
Institute for Marine Scientific Research  
Prinses Elisabethlaan 69  
8401 Bredene - Belgium - Tel. 059 / 80 37 15

INFORMATION SERIES

# Type Specimens of Invertebrates

(excluding Insects)

held at the Royal

Scottish Museum,

Edinburgh

G. SMALDON, D. HEPPELL  
and K. R. WATT

NATURAL HISTORY 4

AUGUST 1976

## ROYAL SCOTTISH MUSEUM INFORMATION SERIES

The Information Series is issued free. Any *bona fide* demand for parts of the series from institutions, libraries or individuals will be considered subject to availability. Exchange publications from institutions would be welcome. Applications should be sent to:

The Librarian  
Royal Scottish Museum  
Chambers Street  
Edinburgh EH1 1JF  
Scotland

### OTHER TITLES IN THIS SERIES

- GEOLOGY 1. A catalogue of fossil vertebrates in the Royal Scottish Museum, Edinburgh.  
Part One/Actinopterygii. I.G.C. Henrichsen.
- GEOLOGY 2. A catalogue of fossil vertebrates in the Royal Scottish Museum, Edinburgh.  
Part Two/Agnatha. I.G.C. Henrichsen.
- GEOLOGY 3. A catalogue of fossil vertebrates in the Royal Scottish Museum, Edinburgh.  
Part Three/Actinistia and Dipnoi. I.G.C. Henrichsen.
- GEOLOGY 4. A catalogue of Carboniferous corals in the Royal Scottish Museum, Edinburgh.  
I.F. Syme.
- GEOLOGY 5. A catalogue of fossil vertebrates in the Royal Scottish Museum, Edinburgh.  
Part Four/Amphibia and Reptilia. R.L. Paton.
- GEOLOGY 6. A catalogue of fossil vertebrates in the Royal Scottish Museum, Edinburgh.  
Part Five/Acanthodii. R.L. Paton.
- NATURAL HISTORY 1. A catalogue of the Amphipoda (Crustacea) in the collection of the  
late D.M. Reid, now in the Royal Scottish Museum, Edinburgh. J.M. Sanderson.
- NATURAL HISTORY 2. Key to the British marine Gastropoda. Shelagh M. Smith.
- NATURAL HISTORY 3. A catalogue of the Sipuncula, Echiura and Priapulida in the  
collections of the Royal Scottish Museum, Edinburgh. G. Smaldon and K.R. Watt.
- TECHNOLOGY 1. Scottish scientific instrument makers 1600-1900. D.J. Bryden.
- TECHNOLOGY 2. The Playfair Collection of Chemical Apparatus. R.G.W. Anderson.



ISSN 0307-5036

Instituut voor Zeewetenschappelijk onderzoek  
Institute for Marine Scientific Research  
Prinses Elisabethlaan 69  
B401 Bredene - Belgium - Tel. 059 / 80 37 15

**Type Specimens of Invertebrates**  
**(excluding Insects)**  
**held at the Royal**  
**Scottish Museum,**  
**Edinburgh**

**G. SMALDON, D. HEPPELL**  
**and K. R. WATT**

**NATURAL HISTORY 4**

**AUGUST 1976**

# CONTENTS

	Page
INTRODUCTION	iv
PROTOZOA: Foraminifera	1
PORIFERA: Hexactinellida	2
Demospongia	4
CNIDARIA: Hydrozoa: Hydroida	11
Anthozoa: Antipatharia	25
Gorgonacea	25
Zoantharia	26
Actiniaria	27
PLATYHELMINTHES: Cestoda	28
NEMATODA	29
ACANTHOCEPHALA	30
SIPUNCULA	31
ECHIURA	33
MOLLUSCA: Polyplacophora	35
Gastropoda: Archaeogastropoda	35
Mesogastropoda	37
Neogastropoda	41
Entomotaeniata	46
Cephalaspidea	46
Stylommatophora	46
Sacoglossa	48
Nudibranchia	48
Scaphopoda	49
Pelecypoda	50
Cephalopoda	55
ANNELIDA: Polychaeta	56
TARDIGRADA	57

<b>ARTHROPODA:</b>	<b>Pycnogonida</b>	58
	<b>Crustacea:</b>	
	<b>Ostracoda</b>	60
	<b>Copepoda</b>	61
	<b>Cirripedia</b>	62
	<b>Mysidacea</b>	62
	<b>Cumacea</b>	62
	<b>Isopoda</b>	63
	<b>Amphipoda</b>	63
	<b>Euphausiacea</b>	69
	<b>Myriapoda:</b>	
	<b>Chilopoda</b>	70
	<b>Diplopoda</b>	71
<b>BRYOZOA</b>		72
<b>BRACHIOPODA</b>		73
<b>ECHINODERMATA:</b>	<b>Crinoidea</b>	74
	<b>Asteroidea</b>	75
	<b>Ophiuroidea</b>	79
	<b>Echinoidea</b>	83
	<b>Holothuroidea</b>	85
<b>HEMICHORDATA:</b>	<b>Pterobranchia</b>	90
<b>UROCHORDATA:</b>	<b>Ascidiacea</b>	91
<b>REFERENCES TO LITERATURE</b>		92
<b>INDEX TO GENERA, SPECIES AND VARIETIES</b>		103

Acknowledgements

It is a pleasure to thank Miss Shirley Stone, British Museum (Natural History) for her considerable help with the Botlers, and Dr D.I. Pawson, Smithsonian Institution for helpful comments on the Holothuroidea.



## INTRODUCTION

This catalogue provides comprehensive information on the type specimens of invertebrates (except insects) held at the Royal Scottish Museum, Edinburgh. It is part of the Museum's policy to make known its holdings, especially when they are of considerable interest to specialist workers and the general public. This catalogue forms part of a series aimed at increasing the general awareness of significant collections within the Department of Natural History.

It may be beneficial here to comment on the general composition of the type collection of invertebrates. Much of the material listed is the result of collections made by the Scottish National Antarctic Expedition, 1902-04, under the leadership of W.S. Bruce. This expedition, working from the Steam Yacht 'Scotia', collected many new species from the North and South Atlantic, and from Antarctic Seas. Much material was collected in the vicinity of the Cape Verde and Falkland Islands, both on the outward and return journeys. In the Antarctic regions, many new species were taken off Coats Land and near the South Orkney Islands. Further details of the stations and collections can be found in Wilton et al. (1908). The majority of the reports on the 'Scotia' collections were first published in the *Trans. R. Soc. Edinb.* and later reissued as *Reports of the Scientific Results of the Scottish National Antarctic Expedition*, 7 vols, Edinburgh, 1907-1920. In the following catalogue, material originating from the Scottish National Antarctic Expedition is noted as 'Scotia' under the 'Collection' heading. The locality data, given in various forms by the authors of the reports, are arranged here in a consistent format.

Other significant additions to the type collection have been made by previous Keepers of the Department of Natural History at the Royal Scottish Museum. The late James Ritchie (1882-1958) built up a comprehensive collection of hydroids while at the Museum, and this collection includes many type specimens. A thorough examination of the Ritchie collection was made by Rees and Thursfield (1965) and further details are given by these authors.

The many specimens of Sipuncula and Echiura in the collections of the Museum are largely a result of the studies of the late A.C. Stephen, Keeper of the Natural History Department from 1935 to 1958. His collection has been documented by Smaldon and Watt (1974) and contains several type specimens.

Although not working at the Royal Scottish Museum, the late D.M. Reid (1897-1959) built up an excellent collection of Amphipods during his lifetime. Several new species resulted from his studies, and the type specimens are included in this catalogue. For further details of the Reid collection, see Sanderson (1973).

In this catalogue, valid species are followed by author, date of publication, page number and plate or figure reference, where applicable. If the name under which a species was described has subsequently been submerged, then that name is placed in square brackets and the current name is placed in round brackets following the original reference. If a valid species has been transferred to another genus, the current name and original reference are followed by the original name in round brackets.

### Acknowledgements

It is a pleasure to thank Miss Shirley Stone, British Museum (Natural History) for her considerable help with the Porifera, and Dr D.L. Pawson, Smithsonian Institution for helpful comments on the Holothuroidea.

## FORAMINIFERA

In his description of the Foraminifera taken by the Scottish National Antarctic Expedition, Pearcey (1914) recorded eleven new species. Earland (1936) noted that the type specimens could not be located at the Royal Scottish Museum or at other likely institutions, and a further search has not revealed the whereabouts of these specimens. Three of the four new species described by Earland (1936) are represented as type specimens in the collections of the Royal Scottish Museum and are listed below.

### LITUOLIDAE

**Haplophragmoides** Cushman, 1910

*Haplophragmoides weddellensis* Earland, 1936:33, pl. I, figs. 15, 16

SYNTYPES: Reg. no. 1921.143.1661 (13 specimens, slide preparation)

LOCALITY: Stn 313. 62° 10'S, 41° 20'W. 1775 fm.

COLLECTION: 'Scotia'

### TROCHAMMINIDAE

**Trochammina** Parker and Jones, 1859

*Trochammina soldanii* Earland, 1936:38, pl. I, figs. 32-34.

SYNTYPE: Reg. no. 1921.143.1706 (slide preparation)

LOCALITY: Stn. 226. 64° 18'S, 23° 9'W. 2739 fm.

COLLECTION: 'Scotia'

### ROTALIIDAE

**Eponides** Montfort, 1808

*Eponides weddellensis* Earland, 1936:57, pl. I, figs. 65-67

SYNTYPES: Reg. no. 1921.143.1654 (32 specimens, slide preparation)

LOCALITY: Stn. 421. 68° 32'S, 10° 52'W. 2487 fm.

COLLECTION: 'Scotia'

## PORIFERA

Since sponge systematics are complex and often conflicting, it was felt that a simple list of types held, without attempting current synonymies, would be of most use to the specialist.

## HEXACTINELLIDA

### **Acoelocalyx** Topsent, 1910

*Acoelocalyx brucei* Topsent, 1910:5

HOLOTYPE: Reg. no. 1921.143.1384 (alcohol)

LOCALITY: Stn. 301. 64° 48'S, 44° 26'W. 2485 fm. 13/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Topsent, 1913:592, pl. I, figs. 1, 2; pl. VI, fig. 4

### **Bathydorus** Schulze, 1885

*Bathydorus levis* Schulze, var. *ciliatus* Topsent, 1910:15

HOLOTYPE OF VARIETY: Reg. no. 1921.143.1388 (alcohol)

LOCALITY: Stn. 420. 69° 33'S, 15° 19'W. 2620 fm. 21/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Topsent, 1913:604, pl. I, figs. 6 and 7

### **Caulophacus** Schulze, 1885

*Caulophacus instabilis* Topsent, 1910:12

HOLOTYPE: Reg. no. 1921.143.1386 (alcohol)

LOCALITY: Stn. 313. 62° 10'S, 41° 20'W. 1775 fm. 18/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Topsent, 1913:598, pl. IV, fig. 8; pl. VI, fig. 16

*Caulophacus scotiae* Topsent, 1910:10

HOLOTYPE: Reg. nos. 1921.143.1431 (alcohol, body of sponge)  
1921.143.1387 (alcohol, stalk of sponge)

LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Topsent, 1913:601, pl. II, figs. 1-3; pl. VI, fig. 17

### **Dactylocalyx** Stutchbury, 1841

*Dactylocalyx subglobosa* Gray, 1867:506, pl. XXVII, fig. 1

FROM TYPE: Reg. no. 1882.61.34 (slide preparation, spicules)



LOCALITY: Malacca?

REMARKS: This slide, plus nine others, form part of a small collection of duplicate material attributable to Bowerbank, and presented in 1882 by the Trustees of the British Museum (Natural History). The slides are labelled 'from type' and it is not possible to give more exact details of their true type status without expert opinion.

**Docosaccus** Topsent, 1910

*Docosaccus ancoratus* Topsent, 1910:8

SYNTYPES: Reg. no. 1921.143.1385 (2 fragments, alcohol)

LOCALITY: Stn. 301, 64° 48'S, 44° 26'W. 2485 fm. 13/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Topsent, 1913:595, pl. III, fig. 4; pl. VI, fig. 6

**Euplectella** Owen, 1841

*Euplectella aspergillum* Owen, 1841:3; Owen, 1841:203, pl. 13, figs. 1-5

FROM TYPE: Reg. no. 1882.61.50 (2 slide preparations, spicules)

LOCALITY: Philippine Islands. Mr Cuming

REMARKS: See remarks for *Dactylocalyx subglobosa*

**Farrea** Bowerbank, 1862

*Farrea occa* Bowerbank, 1862:1118; Bowerbank, 1869:339, pl. XXIV, figs. 1-7

FROM TYPE: Reg. no. 1882.61.33 (slide preparation, spicules)

LOCALITY: Off Seychelle Islands. Capt. Etheridge, R.N.

REMARKS: See remarks for *Dactylocalyx subglobosa*

**Holtenia** Thomson, 1869

*Holtenia carpenteri* Thomson, 1869:702, pls. LXVII - LXXI

SYNTYPE: Reg. no. 1959.65 (dry)

LOCALITY: 59° 36'N, 7° 20'W. 530 fm.

COLLECTED: H.M.S. 'Lightning'

**Iphiteon** Bowerbank, 1862 (see Bowerbank, 1869:323)

*Iphiteon ingalli* Bowerbank, 1869:331, pl. XXIII, figs. 1-3

FROM TYPE: Reg. no. 1882.61.47 (slide preparation, spicules)

LOCALITY: St Vincent's, West Indies. Thos. Ingall, Esq. 9/3/1860

REMARKS: See remarks for *Dactylocalyx subglobosa*

**Malacosaccus** Schulze, 1885

*Malacosaccus coatsi* Topsent, 1910:3

HOLOTYPE: Reg. no. 1921.143.1383 (alcohol)

LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Topsent, 1913:588, pl. II, figs. 4, 5; pl. VI, fig. 1

*Malacosaccus pedunculatus* Topsent, 1910:1

HOLOTYPE: Reg. no. 1921.143.1382 (alcohol)

LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Topsent, 1913:584

## DEMOSPONGIAE

**Bubaris** Gray, 1867

*Bubaris murrayi* Topsent, 1913:616, pl. III, fig. 1

SYNTYPES: Reg. no. 1921.143.1397 (4 specimens, alcohol)

LOCALITY: Stn. 461. Gough Island, South Atlantic. 40° 20'S, 9° 56' 30"W. 100 fm.  
22/4/1904

COLLECTION: 'Scotia'

**Cladorhiza** M. Sars, 1869

*Cladorhiza thomsoni* Topsent, 1909:15, pl. I, fig. 7; pl. II, fig. 3

HOLOTYPE: Reg. no. 1921.143.1415 (alcohol)

LOCALITY: Stn. 468. Between Gough Island and Cape Town. 39° 48'S, 2° 33'E.  
2770 fm. 29/4/1904

COLLECTION: 'Scotia'

REMARKS: See Thomson and Fiddes, 1906:231 and Topsent, 1913:634, pl. IV, fig. 6

**Clathria** Schmidt, 1862

*Clathria raphidotoxa* Stephens, 1915:445, pl. XXXVIII, fig. 2; pl. XL, fig. 15

SYNTYPES: Reg. no. 1921.143.1451 (2 specimens, alcohol)

LOCALITY: Stn. 483. Entrance to Saldanha Bay, South Africa. 25 fm. 21/5/1904

COLLECTION: 'Scotia'

*Clathria toxipraedita* Topsent, 1913:620, pl. V, fig. 4; pl. VI, fig. 12

HOLOTYPE: Reg. no. 1921.143.1400 (alcohol)

LOCALITY: Stn. 346. Burdwood Bank, 54° 25'S, 57° 32'W. 56 fm. 1/12/1903

COLLECTION: 'Scotia'

**Dendoryx** Gray, 1867

*Dendoryx nodaspera* Topsent, 1913:623, pl. VI, fig. 3

HOLOTYPE: Reg. no. 1921.143.1403 (alcohol)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm. 1/12/1903

COLLECTION: 'Scotia'

**Esperiopsis** Carter, 1882

*Esperiopsis informis* Stephens, 1915:450, pl. XL, fig. 11

SYNTYPES: Reg. no. 1921.143.1456 (4 specimens plus many fragments, alcohol)

LOCALITIES: (a) Stn. 478. Table Bay, South Africa. Shore. May, 1904

(b) Stn. 483. Entrance to Saldanha Bay, South Africa. 25 fm. 21/5/1904

COLLECTION: 'Scotia'

**Gellius** Gray, 1867

*Gellius arcuarius* Topsent, 1913:638, pl. VI, fig. 11

HOLOTYPE: Reg. no. 1921.143.1419 (alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm.  
June-July, 1903

COLLECTION: 'Scotia'

**Geodia** Lamarck, 1815

*Geodia carinata* Bowerbank, 1858: pl. XXV, fig. 19; pl. XXVI, fig. 10

FROM TYPE: Reg. no. 1882.61.41 (slide preparation, spicules)

LOCALITY: South Seas. Thos. Ingall, Esq.

REMARKS: See remarks for *Dactylocalyx subglobosa*.  
See also Bowerbank, 1874:298, pl. XLVI, figs. 1-5

*Geodia imperfecta* Bowerbank, 1874:299, pl. XLVI, figs. 6-13

FROM TYPE: Reg. no. 1882.61.28 (slide preparation, spicules)

LOCALITY: South Seas

REMARKS: See remarks for *Dactylocalyx subglobosa*

*Geodia libera* Stephens, 1915:432, pl. XXXVIII, fig. 6; pl. XL, fig. 2

SYNTYPES: Reg. no. 1921.143.1436 (5 specimens, alcohol)



LOCALITIES: (a) Stn. 478. Table Bay, South Africa. Shore. May, 1904  
(b) Stn. 482. Houtjes Bay, Saldanha Bay, South Africa. Shore. 19/5/1904  
COLLECTION: 'Scotia'

*Geodia littoralis* Stephens, 1915:431, pl. XXXVIII, fig. 5; pl. XL, fig. 1

SYNTYPES: Reg. no. 1921.143.1435 (2 specimens, alcohol)  
LOCALITY: Stn. 482. Houtjes Bay, Saldanha Bay, South Africa. Shore. 19/5/1904  
COLLECTION: 'Scotia'

**Homoeodictya Ehlers, 1870**

*Homoeodictya alata* Stephens, 1915:457, pl. XXXIX, fig. 5; pl. XL, fig. 13

SYNTYPES: Reg. no. 1921.143.1460 (3 specimens, alcohol)  
LOCALITIES: (a) Stn. 482. Reit's Bay, Saldanha Bay, South Africa. Shore. 21/5/1904  
(b) Stn. 483. Entrance to Saldanha Bay, South Africa. 25 fm. 21/5/1904  
COLLECTION: 'Scotia'

*Homoeodictya multiformis* Stephens, 1915:454, pl. XXXIX, figs. 1a, 2, 3; pl. XL, fig. 16

SYNTYPES: Reg. no. 1921.143.1459 (64 specimens and fragments, alcohol)  
LOCALITIES: (a) Stn. 482. Saldanha Bay, South Africa. 5 fm. 20/5/1904  
(b) Stn. 482. Reit's Bay, Saldanha Bay, South Africa. Shore. 21/5/1904  
(c) Stn. 483. Entrance to Saldanha Bay, South Africa. 25 fm. 21/5/1904  
COLLECTION: 'Scotia'

*Homoeodictya verrucosa* Topsent, 1913:636, pl. V, fig. 1; pl. VI, fig. 13

HOLOTYPE: Reg. no. 1921.143.1415 (alcohol)  
LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm. 1/12/1903  
COLLECTION: 'Scotia'

**Hymedesmia Bowerbank, 1862**

*Hymedesmia parva* Stephens, 1915:441, pl. XL, fig. 14

HOLOTYPE: Reg. no. 1921.143.1446 (alcohol)  
LOCALITY: Stn. 482. Houtjes Bay, Saldanha Bay, South Africa. Shore. 19/5/1904  
COLLECTION: 'Scotia'

**Kaliapsis Bowerbank, 1869**

*Kaliapsis cidaris* Bowerbank, 1869:76; Bowerbank, 1869:338

FROM TYPE: Reg. no. 1882.61.31 (slide preparation, spicules)  
LOCALITY: Parasitic on the base of coral, *Oculina rosea*, from the South Seas

REMARKS: See remarks for *Dactylocalyx subglobosa*

**Leucophloeus** Carter, 1883

*Leucophloeus styliferus* Stephens, 1915:439, pl. XXXVIII, fig. 1; pl. XL, fig. 4

SYNTYPES: Reg. no. 1921.143.1444 (27 fragments, alcohol)

LOCALITIES: (a) Stn. 482. Houtjes Bay, Saldanha Bay, South Africa. Shore. 19/5/1904

(b) Stn. 482. Reit's Bay, Saldanha Bay, South Africa. Shore. 21/5/1904

(c) Stn. 483. Entrance to Saldanha Bay, South Africa. 25 fm. 21/5/1904

COLLECTION: 'Scotia'

**Lissodendoryx** Topsent, 1892

*Lissodendoryx buchanani* Topsent, 1913:626, pl. I, fig. 5; pl. VI, fig. 7

HOLOTYPE: Reg. no. 1921.143.1405 (alcohol)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm. 1/12/1903

COLLECTION: 'Scotia'

**Microciona** Bowerbank, 1862

*Microciona similis* Stephens, 1915:441, pl. XL, fig. 6

HOLOTYPE: Reg. no. 1921.143.1447 (alcohol)

LOCALITY: Stn. 482. Houtjes Bay, Saldanha Bay, South Africa. Shore. 19/5/1904

COLLECTION: 'Scotia'

*Microciona tenuis* Stephens, 1915:443, pl. XL, fig. 5

HOLOTYPE: Reg. no. 1921.143.1448 (alcohol)

LOCALITY: Stn. 482. Houtjes Bay, Saldanha Bay, South Africa. Shore. 19/5/1904

COLLECTION: 'Scotia'

**Mycale** Gray, 1867

*Mycale pellita* Topsent, 1913:633, pl. V, fig. 2

SYNTYPES: Reg. no. 1921.143.1414 (5 specimens, alcohol)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm. 1/12/1903

COLLECTION: 'Scotia'

**Pachychalina** Schmidt, 1868

*Pachychalina hospitalis* Stephens, 1915:460, pl. XXXIX, fig. 7; pl. XL, fig. 8

SYNTYPES: Reg. no. 1921.143.1463 (4 specimens plus many fragments, alcohol)

LOCALITY: Stn. 482. Houtjes Bay, Saldanha Bay, South Africa. Shore. 19/5/1904

COLLECTION: 'Scotia'

**Pachymatisma** Bowerbank [in] Johnston, 1842

*Pachymatisma inconspicua* Bowerbank, 1873:326, pl. XXXI, figs. 1-6

FROM TYPE: Reg. no. 1882.61.60 (slide preparation, spicules)

LOCALITY: South Seas. Sir Everard Home

REMARKS: See remarks for *Dactylocalyx subglobosa*

**Petrosia** Vosmaer, 1887

*Petrosia depellens* Topsent, 1913:638

SYNTYPES: Reg. no. 1921.143.1421 (3 specimens, alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm.  
April-August, 1903

COLLECTION: 'Scotia'

**Pocillastra** Sollas, 1888

*Pocillastra compressa* (Bowerbank) var. *parvistellata* Topsent, 1913:611, pl. IV,  
figs. 1 & 2

HOLOTYPE OF VARIETY: Reg. no. 1921.143.1394 (alcohol)

LOCALITY: Stn. 461. Gough Island, South Atlantic. 40° 20'S, 9° 56'30"W. 100 fm.  
22/4/1904

COLLECTION: 'Scotia'

**Polymastia** Bowerbank, 1862

*Polymastia invaginata* Kirkpatrick, 1907:271; Kirkpatrick, 1908:15, pl. XII, fig. 1b; pl. XIV,  
figs. 5-15a

SYNTYPES: Reg. no. 1910.19.3 (2 specimens, alcohol)

LOCALITY: Flagan Point, Winter Quarters. 77° 49'S, 167° 7'4"E. 10-20 fm.

COLLECTION: National Antarctic Exped., 1901-04, 'Discovery'

*Polymastia littoralis* Stephens, 1915:436, pl. XXXVIII, fig. 4, pl. XL, fig. 3

SYNTYPES: Reg. no. 1921.143.1440 (3 specimens, alcohol)

LOCALITY: Stn. 482. Houtjes Bay, Saldanha Bay, South Africa. Shore. 19/5/1904

COLLECTION: 'Scotia'

**Pseudosuberites** Topsent, 1896

*Pseudosuberites exalbicans* Topsent, 1913:614, pl. IV, fig. 5

SYNTYPES: Reg. no. 1921.143.1395 (6 specimens, alcohol)



LOCALITY: Stn. 461. Gough Island, South Atlantic. 40° 20'S, 9° 56'30"W. 100 fm.  
22/4/1904

COLLECTION: 'Scotia'

**Raspaxilla** Topsent, 1913

*Raspaxilla phakellina* Topsent, 1913:617, pl. I, fig. 4; pl. VI, fig. 15

HOLOTYPE: Reg. no. 1921.143.1398 (alcohol)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm. 1/12/1903

COLLECTION: 'Scotia'

**Reniera** Nardo, 1847

*Reniera cylindrica* Topsent, 1913:639, pl. II, fig. 6

SYNTYPES: Reg. no. 1921.143.1422 (3 specimens, alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm.  
May-July, 1903

COLLECTION: 'Scotia'

*Reniera saldanhae* Stephens, 1915:463, pl. XXXIX, fig. 8; pl. XL, fig. 18

SYNTYPES: Reg. no. 1921.143.1466 (9 specimens, alcohol)

LOCALITIES: (a) Stn. 482. Reit's Bay, Saldanha Bay, South Africa. Shore. 21/5/1904

(b) Stn. 483. Entrance to Saldanha Bay, South Africa. 25 fm. 21/5/1904

COLLECTION: 'Scotia'

**Siphonochalina** Schmidt, 1868

*Siphonochalina anonyma* Stephens, 1915:459, pl. XXXIX, fig. 6; pl. XL, fig. 9

SYNTYPE: Reg. no. 1921.143.1462 (alcohol)

LOCALITY: Stn. 483. Entrance to Saldanha Bay, South Africa. 25 fm. 21/5/1904

COLLECTION: 'Scotia'

**Stylostichon** Topsent, 1892

*Stylostichon toxiferum* Topsent, 1913:621, pl. IV, fig. 7; pl. VI, fig. 14

HOLOTYPE: Reg. no. 1921.143.1401 (alcohol)

LOCALITY: Stn. 461. Gough Island, South Atlantic. 40° 20'S, 9° 56'30"W. 100 fm.  
22/4/1904

COLLECTION: 'Scotia'

**Tedania** Gray, 1867

*Tedania murdochi* Topsent, 1913:629, pl. V, fig. 5

HOLOTYPE: Reg. no. 1921.143.1410 (alcohol)

LOCALITY: Stn. 118. Stanley Harbour, Falkland Islands. 6 fm. 1/2/1904

COLLECTION: 'Scotia'

*Tedania scotiae* Stephens, 1915:448, pl. XXXVIII, fig. 3; pl. XL, fig. 7

SYNTYPES: Reg. no. 1921.143.1453 (2 specimens, alcohol)

LOCALITY: Stn. 483. Entrance to Saldanha Bay, South Africa. 25 fm. 21/5/1904

COLLECTION: 'Scotia'

*Tedania variolosa* Kirkpatrick, 1907:279; Kirkpatrick, 1908:32, pl. XXI, figs. 1, 1a;  
pl. XXV, figs. 1a-1b

SCHIZOHOLOTYPE: Reg. no. 1910.19.2 (alcohol)

LOCALITY: Winter Quarters. 77° 49'S, 167° 7'4"E. 10 fm.

COLLECTION: National Antarctic Exped., 1901-04, 'Discovery'

**Tethya** Lamarck, 1815 (err **Tethea** Siebold, 1843)

*Tethea muricata* Bowerbank, 1858:308, pl. XXV, fig. 18; Bowerbank, 1872:115, pl. V,  
figs. 1-6

FROM TYPE: Reg. no. 1882.61.59 (slide preparation, spicules)

LOCALITY: Hammerfest, Norway. 150 fm. R. M'Andrew, Esq.

REMARKS: See remarks for *Dactylocalyx subglobosa*

CNIDARIA  
HYDROZOA  
HYDROIDA  
MOERISIIDAE

**Annulella** Ritchie, 1915

[*Annulella gemmata*] Ritchie, 1915:541, pls. 30, 30a (transferred to *Ostroumovia inkermanica* by Rees and Thursfield, 1965)

LECTOTYPE: Reg. no. 1959.33.4 (slide preparation)

PARALECTOTYPES: Reg. nos. 1959.33.5-16 (slide preparations)

LOCALITY: Port Canning, Lower Bengal

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:38

**Moerisia** Boulenger, 1907

*Moerisia lyonsi* Boulenger, 1908:375, pls. 22, 23

PARATYPES: Reg. nos. 1959.33.1-3 (slide preparations)

LOCALITY: Lake Birket el Qurun, Fayum Province, Egypt. 1907

COLLECTION: J. Ritchie, ex Boulenger collection

REMARKS: See Rees and Thursfield, 1965:37

CORYNIDAE

**Coryne** Gaertner, 1774

[*Coryne ? dubium*] Ritchie, 1907a:491, pl.23, figs. 1, 2 (transferred to *Coryne pusilla* by Rees and Thursfield, 1965)

LECTOTYPE: Reg. no. 1959.33.52 (slide preparation)

LOCALITY: Porta Praya, Santiago, Cape Verde Is. On seaweed from pier.  
12/8/1904

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:44

CLAVIDAE

**Corydendrium** van Beneden, 1844

*Corydendrium dendriforme* (Ritchie) 1907a:495, pl. 26, fig. 1, text figs. 142, 143 (as *Soleniopsis dendriformis*)



LECTOTYPE: Reg. no. 1959.33.72 (slide preparation)

PARALECTOTYPES: Reg. nos. 1959.33.70 (alcohol)  
1959.33.70-71 (slide preparations)

LOCALITIES: (a) St. Vincent, Cape Verde Islands. On bottom of a lighter.  
30/7/1904

(b) Boa Vista, Cape Verde Islands. Dredged. July, 1904

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:50

*Corydendrium sessile* Ritchie, 1910:802, pl. 76, figs. 1, 2

LECTOTYPE: Reg. no. 1959.33.73 (slide preparation)

PARALECTOTYPES: Reg. nos. 1959.33.74-5 (slide preparations)

LOCALITY: Mergui, Stn. 35. Between Warden Is., Howe Is. and Lyall Is. 15-20 fm.

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:49

#### HYDRACTINIIDAE

**Hydractinia** van Beneden, 1844

*Hydractinia verdi* Ritchie, 1907a:498, pl. 23, figs. 6, 7

LECTOTYPE: Reg. no. 1959.33.79 (slide preparation)

LOCALITY: Porto Grande, St. Vincent, Cape Verde Is. 10 fm. 1904

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:53

**Podocoryne** Luetken, 1850

*Podocoryne anechinata* Ritchie, 1907a:499, pl. 23, figs. 8-10

SCHIZOHOLOTYPE: Reg. no. 1959.33.80 (slide preparation)

LOCALITY: Porto Praya, Santiago, Cape Verde Islands. 5 fm. 9/8/1904

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:54

#### EUDENDRIIDAE

**Eudendrium** Ehrenberg, 1834

[*Eudendrium cunninghami*] Kirkpatrick, 1910:127, pl. 7, figs. 1-3 (transferred to *Eudendrium carneum* by Millard, 1959)

SCHIZOSYNTYPE: Reg. no. 1959.33.119 (slide preparation)

LOCALITY: St. Helena. Growing out of the sponge *Chonodrosia plebeja*

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:60

## LAODICEIDAE

**Laodicea** Lesson, 1837

*Laodicea brownei* Rees and Thursfield, 1965:63

HOLOTYPE: Reg. no. 1959.33.140 (slide preparation)

LOCALITY: Mergui. Stn. 1, East of Tavoy Is. and Port Owen. 4-12 fm. On *Thyroscyphus vitiensis*

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:63

## MELICERTIDAE

**Melicertum** Goldfuss, 1820

*Melicertum octocostatum* (Sars) 1835 (as *Oceania octocostata*)

HYDRAPARATYPE: Reg. no. 1959.33.798 (slide preparation)

LOCALITY: Cullercoats, Northumberland. May, 1914

COLLECTION: J. Ritchie

REMARKS: See Gemmill, 1921:339, pl. 16 (as *Melicertidium octocostatum*) and Rees and Thursfield, 1965:64

## CALYCELLIDAE

**Calycella** Allman, 1864

*Calycella oligista* Ritchie, 1910:813, pl. 76, figs. 3, 4

LECTOTYPE: Reg. no. 1959.33.207 (slide preparation)

PARALECTOTYPE: Reg. no. 1959.33.208A (slide preparation)

LOCALITY: Mergui. Stn. 35, between Warden Is., Howe Is. and Lyall Is. 15-20 fm. On *Idiellana pristis* and *Thyroscyphus vitiensis*

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:70

## LAFOEIIDAE

**Acryptolaria** Norman, 1875

*Acryptolaria arboriformis* (Ritchie) 1911:824, pl. 84, fig. 1; pl. 87, fig. 7 (as *Cryptolaria arboriformis*)

SCHIZOHOLOTYPES: Reg. nos. 1912.68.7 (alcohol)  
1959.33.313-315 (slide preparations)

LOCALITY: 'Thetis' Stn. 44. 5-6 mls. off Coogee. 49-50 fm. 15/3/1898

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:82

*Acryptolaria conferta* Norman, var. *australis* (Ritchie) 1911:826, pl. 84, fig. 2; pl. 87, fig. 1 (as *Cryptolaria conferta* var. *australis*)

SCHIZOPARATYPES OF VARIETY: Reg. nos. 1959.33.306-308 (slide preparations)

SCHIZOSYNTYPES OF VARIETY: Reg. nos. 1912.68.6 (alcohol)  
1959.33.309-312 (slide preparations)

LOCALITIES: (a) 'Thetis' Stn. 40. 3 mls. off Wata Mooli. 52 fm. 12/3/1898.  
(Schizoparatypes)

(b) 'Thetis' Stn. 42. 6-8½ mls. off Wata Mooli. 70-78 fm. 13/3/1898  
(Schizosyntypes)

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:82 and Jeffreys and Norman, 1875:172

*Acryptolaria crassicaulis* Allman, var. *dimorpha* (Ritchie) 1911:830, pl. 87, figs. 5, 6 (as *Cryptolaria crassicaulis* var. *dimorpha*)

HOLOTYPE OF VARIETY: Reg. no. 1912.68.8 (alcohol)

SCHIZOHOLOTYPES OF VARIETY: Reg. nos. 1959.33.323-326 (slide preparations)

LOCALITY: 'Thetis' Stn. 48. 7-8 mls. off Wollongong. 55-56 fm. 18/3/1898

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:83

**Cryptolaria** Busk, 1857

*Cryptolaria pectinata* (Allman) 1888:45 (as *Perisiphonia pectinata*)

SCHIZOHOLOTYPE: Reg. no. 1959.33.320 (slide preparation)

LOCALITY: 'Challenger' Stn. 169. Off East Cape, New Zealand. 700 fm.

COLLECTION: J. Ritchie, ex British Museum collection.



REMARKS: See Rees and Thursfield, 1965:84

**Hebella** Allman, 1888

*Hebella crateroides* Ritchie, 1909a:524

LECTOTYPE: Reg. no. 1959.33.294 (slide preparation)

PARALECTOTYPE: Reg. no. 1910.21.3 (alcohol)

LOCALITY: Andamans; 8 mls. west of Interview Is. On *Lytocarpus phoeniceus*.  
270-45 fm.

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:73

*Hebella plana* Ritchie, 1907:530, pl. 1, fig. 3 (as *Hebella striata* var. *plana*)

LECTOTYPE: Reg. no. 1959.33.293 (slide preparation)

LOCALITY: 'Scotia' Stn. 411. 74° 1'S, 22° 0'W. Creeping on *Halecium*  
*robustum*. 161 fm. 12/3/1904

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:74 and Totton, 1930

*Hebella ritchiei* Vervoort, 1959:244, fig. 17

SCHIZOLECTOTYPES: Reg. nos. 1959.33.329-333 (slide preparations)

LOCALITY: 'Thetis' Stn. 57. 3½-4 mls. off Wata Mooli. 54-59 fm. 22/3/1898

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:74

**Lafoea** Lamouroux, 1821

*Lafoea gracillima* (Alder) var. *benthophila* Ritchie, 1909b:76, fig. 2

LECTOTYPE: Reg. no. 1959.33.345 (slide preparation)

LOCALITY: 'Scotia' Stn. 313. Coats Land. 62° 10'S, 41° 20'W. 1775 fm.  
18/3/1903

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:81

**Perisiphonia** Allman, 1888

[*Perisiphonia filicula*] Allman, 1888:44 (transferred to *Cryptolaria exserta*, by Totton, 1930)

SCHIZOHOLOTYPE: 1959.33.319 (slide preparation)

LOCALITY: 'Challenger' Stn. 163A. Off Twofold Bay, Australia. 150 fm.  
Trawl. 4/4/1874

COLLECTION: J. Ritchie, ex British Museum collection

REMARKS: See Rees and Thursfield, 1965:83

**Scandia** Fraser, 1912

*Scandia mutabilis* (Ritchie) 1907a:504, pl. 23, figs. 3-5 (as *Campanularia mutabilis*)

LECTOTYPE: Reg. no. 1959.33.233 (slide preparation)

LOCALITY: St. Vincent, Cape Verde Is. On bottom of a lighter. 30/7/1904

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:76

**Zygophylax** Quelch, 1885

*Zygophylax armata* (Ritchie) 1907:533, pl. 2, figs. 2a-2c (as *Brucella armata*)

HOLOTYPE: Reg. no. 1921.143.1349 (alcohol)

SCHIZOHOLOTYPE: Reg. no. 1959.33.304 (slide preparation)

LOCALITY: Gough Is., South Atlantic. 40° 20'S, 90° 56'W. 100 fm. 22/4/1904.  
On an alcyonarian

COLLECTION: J. Ritchie, ex 'Scotia'

REMARKS: See Rees and Thursfield, 1965:77

*Zygophylax concinna* (Ritchie) 1911:823, pl. 88, figs. 3, 4 (as *Lictorella concinna*)

PARATYPES: Reg. nos. 1912.68.5 (alcohol)  
1959.33.302 (slide preparation)

LOCALITY: 'Thetis' Stn. 44. 5-6 mls. off Coogee. 49-50 fm. 15/3/1898

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:77

*Zygophylax curvitheca* Stechow, 1913:139

SCHIZOHOLOTYPE: Reg. no. 1959.33.305 (slide preparation)

LOCALITY: Haidashibank, Sagami Bay, Japan. 600 m. 8/11/1904

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:78

## CAMPANULARIIDAE

**Campanularia** Lamarck, 1816

*Campanularia antarctica* Ritchie, 1913:22, fig. 6 (as *Campanularia volubilis* var. *antarctica*)

LECTOTYPE: Reg. no. 1959.33.218 (slide preparation)

PARALECTOTYPES: Reg. nos. 1959.33.218 A-C (alcohol)  
1959.33.219-220 (slide preparations)

LOCALITIES: (a) Shackleton Antarctic Expedition. Bay (East of Cape Royds).  
7-20 fm. June, 1908. On *Campanularia lobata*

(b) Shackleton Antarctic Expedition. Cape Royds. 20-30 fm.  
Aug. 1908

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:89

[*Campanularia insignis*] Allman, 1888: 25 (transferred to *Lytoscyphus marginatus*  
by Ritchie, 1909c)

SCHIZOHOLOTYPE: Reg. no. 1959.33.286 (slide preparation)

LOCALITY: Off Bermuda, 30 fm. 'Challenger'

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:112

*Campanularia nodosa* Stechow, 1923:105

LECTOTYPE: Reg. no. 1959.33.285 (slide preparation)

LOCALITY: 'Scotia' Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S,  
44° 38'33"W. 65 fm. 25/3/1903. On *Staurotheca reticulata*.

COLLECTION: J. Ritchie, ex 'Scotia'

REMARKS: See Rees and Thursfield, 1965:89

## HALECIIDAE

**Halecium** Oken, 1815

*Halecium interpolatum* Ritchie, 1907:526, pl. 1, fig. 3; pl. 2, fig. 3

LECTOTYPE: Reg. no. 1921.143.1328 (alcohol)

SCHIZOLECTOTYPE: Reg. no. 1959.33.153 (slide preparation)

PARALECTOTYPE: Reg. no. 1921.143.1328A (alcohol)

LOCALITY: 'Scotia' Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S,  
44° 38'33"W. On rocks in shore pools. 6/12/1903

COLLECTION: J. Ritchie, ex 'Scotia'

REMARKS: See Rees and Thursfield, 1965:107

**Hydrodendron** Hincks, 1874

*Hydrodendron caciniiformis* (Ritchie) 1907a:500, pl. 23, figs. 11, 12; pl. 24, fig. 1;  
pl. 25, fig. 5 (as *Ophiodes caciniiformis*)

LECTOTYPE: Reg. no. 1959.33.192 (slide preparation)



LOCALITY: Porto Praya, Santiago, Cape Verde Islands. 10 fm. 12/7/1904  
COLLECTION: J. Ritchie  
REMARKS: See Rees and Thursfield, 1965:111

### SYNTHECIIDAE

**Hincksella** Billard, 1918

*Hincksella cylindrica* (Bale) var. *pusilla* (Ritchie) 1910:817, pl. 77, fig. 9 (as *Sertularella cylindrica* var. *pusilla*)

SCHIZOLECTOTYPES OF VARIETY: Reg. nos. 1959.33.379 and 382 (slide preparations)

LOCALITY: Stn. 32. Mergui, S.W. of Donel Is. 26-29 fm. On *Lytocarpus phoeniceus*

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:114

**Staurotheca** Allman, 1888

*Staurotheca reticulata* Ritchie, 1907:538, pl. 1, figs. 1, 1a, 1b

HOLOTYPE: Reg. no. 1921.143.1365 (alcohol)

SCHIZOHOLOTYPES: Reg. nos. 1959.33.387-389 (slide preparations)

LOCALITY: Off Murray Island, Scotia Bay, South Orkneys. 65 fm. 25/3/1903

COLLECTION: J. Ritchie, ex 'Scotia'

REMARKS: See Rees and Thursfield, 1965:115

### SERTULARIIDAE

**Abietinaria** Kirchenpauer, 1884

*Abietinaria laevimarginata* (Ritchie) 1907a:507, pl. 26, figs. 5, 6 (as *Sertularia laevimarginata*)

SCHIZOHOLOTYPES: Reg. nos. 1959.33.541 and 542 (slide preparations)

LOCALITY: Mattiota, St. Vincent Harbour, Cape Verde Is. On a leaf

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:140

**Amphisbetia** Agassiz, 1862

*Amphisbetia rectitheca* (Ritchie) 1907:536, pl. 1, fig. 5 (as *Sertularella rectitheca*)

HOLOTYPE: Reg. no. 1959.33.498 (alcohol)

SCHIZOHOLOTYPE: Reg. no. 1959.33.498 (slide preparation)

LOCALITY: 'Scotia' Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S,  
44° 38'33"W. 65 fm. 25/3/1903. On *Staurotheca reticulata*

COLLECTION: J. Ritchie, ex 'Scotia'

REMARKS: See Rees and Thursfield, 1965:144

**Diphasia** Agassiz, 1862

*Diphasia thornelyi* Ritchie, 1909a:525

PARATYPES: Reg. nos. 1959.33.421 and 422 (slide preparations)

LOCALITY: Andaman Is. On *Lytocarpus pennarius*

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:122

**Sertularella** Gray, 1848

[*Sertularella filiformis* Allman, var. *reticulata*] Ritchie, 1907:535 (transferred to  
*Symplectoscyphus filiformis* by Rees and Thursfield, 1965)

LECTOTYPE OF VARIETY: Reg. no. 1959.33.451 (slide preparation)

PARALECTOTYPES OF VARIETY: Reg. no. 1921.143.1352 (3 colonies, alcohol)

LOCALITY: 'Scotia' Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm.  
1/12/1903

COLLECTION: J. Ritchie, ex 'Scotia'

REMARKS: See Rees and Thursfield, 1965:129

*Sertularella miurensis* Stechow, 1923:175

SCHIZOHOLOTYPE: Reg. no. 1959.33.463 (slide preparation)

LOCALITY: Aburatsubo, Sagami Bay, Japan. 6/10/1904

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:135

*Sertularella quadridens* (Bale) var. *cornuta* Ritchie, 1909a:525 (as *Sertularella polyzonias*  
var. *cornuta*)

LECTOTYPE OF VARIETY: Reg. no. 1959.33.485 (slide preparation)

PARALECTOTYPE OF VARIETY: Reg. no. 1959.33.684 (slide preparation)

LOCALITIES: (a) Andaman Is. 8 mls. west of Interview Is. 270-45 fm. (Lectotype)  
(b) Andaman Is. 490 fm. (Paralectotype)

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:136

**Sertularia** Linnaeus, 1758

[*Sertularia heterodonta*] Ritchie, 1909b:79, fig. 4 (transferred to *Sertularia distans*  
var. *gracilis* by Millard, 1964)

HOLOTYPE: Reg. no. 1921.143.1359 (alcohol)

SCHIZOHOLOTYPES: Reg. nos. 1959.33.524 and 525 (slide preparations)

LOCALITY: 'Scotia' Stn. 81. Abrolhos Bank, Brazil. 18° 24'S, 37° 58'W. 36 fm.  
20/12/1902

COLLECTION: J. Ritchie, ex 'Scotia'

REMARKS: See Rees and Thursfield, 1965:146

**Symplectoscyphus** Marktanner-Turneretscher, 1890

*Symplectoscyphus adpressus* (Ritchie) 1911:837, pl. 85, fig. 5; pl. 88, figs. 1, 2, 9 (as  
*Sertularella adpressa*)

LECTOTYPE: Reg. no. 1959.33.483 (alcohol)

SCHIZOLECTOTYPES: Reg. nos. 1959.33.433 and 434 (slide preparations)

PARALECTOTYPE: Reg. no. 1912.68.9 (alcohol)

SCHIZOPARALECTOTYPES: Reg. nos. 1959.33.435-437 (slide preparations)

LOCALITIES: (a) 'Thetis' Stn. 36, 1 mile off Botany Bay. 20-30 fm. 11/3/1898  
(Paralectotype)

(b) 'Thetis' Stn. 54, within Jervis Bay. 10-11 fm. 20/3/1898  
(Lectotype)

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:127

**PLUMULARIIDAE**

**Aglaophenia** Lamouroux, 1812

[*Aglaophenia ijimai*] Stechow, 1907:197 (transferred to *Aglaophenia pluma* by Rees and  
Thursfield, 1965)

SCHIZOPARATYPE: Reg. no. 1959.33.787 (slide preparation)

LOCALITY: Aburatsubo, Sagami Bay, Japan

COLLECTION: J. Ritchie, ex Doflein collection

REMARKS: See Rees and Thursfield, 1965:190

*Aglaophenia marginata* Ritchie, 1907a:509, pl. 24, figs. 7-10

LECTOTYPE: Reg. no. 1959.33.786 (slide preparation)

LOCALITY: St. Vincent, Cape Verde Is. On bottom of a lighter. 20/7/1904

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:189



**Aglaria** Stechow, 1923

*Aglaria septata* (Ritchie) 1909a:526 (as *Aglaophenia septata*)

SCHIZOHOLOTYPES: Reg. nos. 1959.33.754 and 755 (slide preparations)

LOCALITY: Andaman Islands. 490 fm.

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:184

**Antennella** Allman, 1877

*Antennella quadriaurita* Ritchie, 1909b:92, figs. 9a-9c

LECTOTYPE: Reg. no. 1959.33.606 (slide preparation)

LOCALITY: Gough Island, South Atlantic. 100 fm. 23/4/1904

COLLECTION: J. Ritchie, ex 'Scotia'

REMARKS: See Rees and Thursfield, 1965:157

**Antennularia** Lamarck, 1816

[*Antennularia hartlaubi*] Ritchie, 1907:542, pl. 3, figs. 4, 4a, 4b (transferred to *Nemertesia cymodocea* by Rees and Thursfield, 1965)

LECTOTYPE: Reg. no. 1921.143.1372C (alcohol)

SCHIZOLECTOTYPE: Reg. no. 1959.33.668 (slide preparation)

PARALECTOTYPES: Reg. nos. 1921.143.1372, A, B, D-G (alcohol)

LOCALITY: 'Scotia' Stn. 483. Saldanha Bay, South Africa. 25 fm. 21/5/1904

COLLECTION: J. Ritchie, ex 'Scotia'

REMARKS: See Rees and Thursfield, 1965:166

**Cladocarpus** Allman, 1874

*Cladocarpus* (?) *bathyzonatus* Ritchie, 1911:861, pl. 89, figs. 2, 6-11

SCHIZOSYNTYPES: Reg. nos. 1959.33.742 and 743 (slide preparations)

LOCALITY: 'Thetis' Stn. 57. 3½-4 mls. off Wata Mooli. 54-59 fm. 22/3/1898

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:179

*Cladocarpus campanulatus* Ritchie, 1912:226, figs. 4, 5

HOLOTYPE: Reg. no. 1911.110.1 (alcohol)

SCHIZOHOLOTYPES: Reg. nos. 1959.33.744 and 745 (slide preparations)

LOCALITY: Neighbourhood of Iceland

COLLECTION: J. Ritchie, ex Thompson collection

REMARKS: See Rees and Thursfield, 1965:179

*Cladocarpus crenatus* (Fewkes) var. *allmani* Ritchie, 1909:313

SCHIZOHOLOTYPE OF VARIETY: Reg. no. 1959.33.751 (slide preparation)

LOCALITY: 'Challenger' Stn. 326. Yokohama, Japan. 34° 58'N, 139° 30'E.  
775 fm. 5/6/1875

COLLECTION: J. Ritchie, ex British Museum collection

REMARKS: See Rees and Thursfield, 1965:181

### **Corhiza**

*Corhiza scotiae* (Ritchie) 1907:543, pl. 3, figs. 3, 3a (as *Antennopsis scotiae*)

LECTOTYPE: Reg. no. 1921.143.1373 (alcohol)

SCHIZOLECTOTYPES: Reg. nos. 1959.33.663-665 (slide preparations)

PARALECTOTYPE: Reg. no. 1921.143.1373A (alcohol)

SCHIZOPARALECTOTYPES: Reg. nos. 1959.33.666 and 667 (slide preparations)

LOCALITY: 'Scotia', Stn. 483. Saldanha Bay, South Africa. 25 fm. 21/5/1904

COLLECTION: J. Ritchie, ex 'Scotia'

REMARKS: See Rees and Thursfield, 1965:156

### **Dentitheca** Stechow, 1920

*Dentitheca hertwigi* (Stechow) 1907:195 (as *Plumularia hertwigi*)

SCHIZOHOLOTYPE: Reg. no. 1959.33.633 (slide preparation)

LOCALITY: Misaki, Sagami Bay, Japan. 15-20 m. 11/10/1904

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:165

### **Gymnangium** Hincks, 1874

*Gymnangium thetidis* (Ritchie) 1911:859, pl. 85, fig. 1; pl. 89, figs. 3, 4 (as *Halicornaria thetidis*)

SCHIZOLECTOTYPES: Reg. nos. 1912.68.21 (alcohol)  
1959.33.713 and 714 (slide preparations)

SCHIZOPARALECTOTYPES: Reg. nos. 1959.33.715 and 716 (slide preparations)

LOCALITIES: (a) 'Thetis' Stn. 44, off Coogee. 49-50 fm. 15/3/1898

(b) 'Thetis' Stn. 48. 7-8 mls. off Wollongong. 55-56 fm. 18/3/1898

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:173

**Halicornaria** Bale, 1884

[*Halicornaria hians* Bale, var. *laxa*] Ritchie, 1910a:835, text fig. 81 (transferred to *Gymnangium hians* by Rees and Thursfield, 1965)

SCHIZOSYNTYPE OF VARIETY: Reg. no. 1959.33.697 (slide preparation)

LOCALITY: Flying Fish Cove, Christmas Island. 46 fm.

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:171

**Lytocarpus** Allman, 1883

*Lytocarpus annandalei* Ritchie, 1909a:527

SCHIZOHOLOTYPES: Reg. nos. 1959.33.717 and 718 (slide preparations)

LOCALITY: 'Investigator' Stn. 241. Between Andaman and Nicobar Is. 10° 12'N, 92° 20'30"E. 606 fm.

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:174

*Lytocarpus crosslandi* Ritchie, 1907a:511, pl. 24, fig. 11; pl. 26, figs. 2-4

LECTOTYPE: Reg. no. 1959.33.720 (slide preparation)

PARALECTOTYPES: Reg. nos. 1959.33.720A-D (alcohol)

LOCALITY: Mattiota, St. Vincent Harbour, Cape Verde Is. 1904

COLLECTION: J. Ritchie

REMARKS: See Rees and Thursfield, 1965:176

*Lytocarpus grandis* (Clarke) var. *unilateralis* Ritchie, 1907a:510, pl. 25, figs. 1-3

HOLOTYPE OF VARIETY: Reg. no. 1921.143.1371 (alcohol)

PARATYPES OF VARIETY: Reg. nos. 1921.143.1371 A-C (alcohol)  
1959.33.721-723 (slide preparations)

LOCALITY: St. Vincent, Cape Verde Is. 15 fm. 30/7/1904

COLLECTION: J. Ritchie, ex 'Scotia'

REMARKS: See Rees and Thursfield, 1965:175

*Lytocarpus racemiferus* Allman, 1883:41, pl. 13, figs. 1-6

SCHIZOHOLOTYPE: Reg. no. 1959.33.741 (slide preparation)

LOCALITY: Off Bahai, Brazil. 10-20 fm.

COLLECTION: J. Ritchie, ex 'Challenger'

REMARKS: See Rees and Thursfield, 1965:178



**Plumularia** Lamarck, 1816

[*Plumularia unilateralis*] Ritchie, 1907:541, pl. 2, figs. 1, 1a-1c (transferred to  
*Kirchenpaueria pinnata* by Millard, 1957)

SYNTYPES: Reg. nos. 1959.33.582 and 583 (2 colonies, alcohol plus 2 slide  
preparations)

LOCALITY: 'Scotia' Stn. 483. Saldanha Bay, South Africa. 25 fm. 21/5/1904

COLLECTION: J. Ritchie, ex 'Scotia'

REMARKS: See Rees and Thursfield, 1965:153

ANTHOZOA  
ANTIPATHARIA

**Bathypathes** Brook, 1889

*Bathypathes bifida* Thomson, 1906:79

SYNTYPES: Reg. no. 1921.143.1290 (4 specimens, alcohol)

LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 18/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Thomson, 1909:191

GORGONACEA  
GORGONIIDAE

**Gorgonia** Linnaeus, 1758

*Gorgonia studeri* Thomson and Ritchie, 1905:858, pl. I, fig. 4; pl. II, fig. 4

HOLOTYPE: Reg. no. 1921.143.1304 (alcohol)

LOCALITY: Stn. 81. 18° 26'S, 37° 58'W. 40-50 fm. 20/12/1902

COLLECTION: 'Scotia'

*Gorgonia wrighti* Thomson and Ritchie, 1905:857, pl. I, figs. 7 and 8; pl. II, figs. 6 and 9

HOLOTYPE: Reg. no. 1921.143.1303 (alcohol)

LOCALITY: Stn. 81. 18° 26'S, 37° 58'W. 36 fm. 20/12/1902

COLLECTION: 'Scotia'

ISIDAE

**Primnoisis** Studer and Wright, 1887

*Primnoisis ramosa* Thomson and Ritchie, 1905:851, pl. I, fig. 2

HOLOTYPE: Reg. no. 1921.143.1297 (alcohol)

LOCALITY: Stn. 411. 74° 1'S, 22° 00'W. 161 fm. 12/3/1904

COLLECTION: 'Scotia'

## MURICEIDAE

**Paramuricea** Koelliker, 1865

*Paramuricea robusta* Thomson and Ritchie, 1905:856, pl. I, fig. 6; pl. II, figs. 2 and 7.

SYNTYPES: Reg. no. 1921.143.1302 (4 colonies, alcohol)

LOCALITY: Stn. 461. Gough Island, South Atlantic. 40° 20'S, 9° 56'W. 100 fm.  
22/4/1904

COLLECTION: 'Scotia'

## PRIMNOIDAE

**Primnoella** Gray, 1857

*Primnoella scotiae* Thomson and Ritchie, 1905:854, pl. II, figs. 3 and 8

HOLOTYPE: Reg. no. 1921.143.1300 (alcohol)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 52 fm. 1/12/1903

COLLECTION: 'Scotia'

**Thouarella** Gray, 1870

*Thouarella brucei* Thomson and Ritchie, 1905:852, pl. I, fig. 1; pl. II, fig. 1

SYNTYPES: Reg. no. 1921.143.1298 (3 specimens, alcohol)

LOCALITIES: (a) Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm. 1/12/1903

(b) Gough Island, South Atlantic. 40° 20'S, 9° 56'W. 100 fm.

COLLECTION: 'Scotia'

## ZOANTHARIA

**Palythoa** Pergens, 1887

*Palythoa vincentina* Carlgren, 1939:798, text-figs. 6 and 7

HOLOTYPE: Reg. no. 1921.143.1783 (alcohol)

LOCALITY: Cape Verde Islands, St. Vincent, Porto Grande. Shore. 1/12/1902

COLLECTION: 'Scotia'



ACTINIARIA  
ACTINERNIDAE

**Actinernus** Verrill, 1879

*Actinernus antarcticus* (Carlgren) 1914:50, pl. 4, figs. 5-9, text figs. 1-3 (as *Porponia antarctica*)

SYNTYPES: Reg. nos. 1921.143.1518 (2 specimens, alcohol)  
1921.143.1756 (6 specimens, alcohol)

LOCALITY: Off Coats Land. 71° 22'S, 16° 34'W. 1410 fm. 16/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Carlgren, 1918

ACTINIIDAE

**Epiactis** Verrill, 1869

*Epiactis brucei* Carlgren, 1939:793, figs. 2, 3

SYNTYPES: Reg. no. 1921.143.1772 (2 specimens, alcohol)

LOCALITY: Off Coats Land. 71° 22'S, 16° 34'W. 1410 fm. 16/3/1904

COLLECTION: 'Scotia'

*Epiactis vincentina* Carlgren, 1939:792

HOLOTYPE: Reg. no. 1921.143.1771 (alcohol)

LOCALITY: Cape Verde Is., St. Vincent, Porto Grande. Shore. 1/12/1902

COLLECTION: 'Scotia'

ACTINOSTOLIDAE

**Sicyonis** Hertwig, 1882

*Sicyonis antarctica* Carlgren, 1939:795, fig. 5

SYNTYPES: Reg. no. 1921.143.1778 (2 specimens, alcohol)

LOCALITY: Off Coats Land. 71° 22'S, 16° 34'W. 1410 fm. 16/3/1904

COLLECTION: 'Scotia'

PLATYHELMINTHES  
CESTODA  
DIPHYLLOBOTHRIIDAE

*Diphyllobothrium* Cobbold, 1858

*Diphyllobothrium mobile* (Rennie and Reid) 1912:446, pl. II, figs. 7-10 (as *Dibothriocephalus mobilis*)

SYNTYPES: Reg. no. 1921.143.1505 (5 specimens, alcohol)

LOCALITY: Intestine of Weddell Seal

COLLECTION: 'Scotia'

*Diphyllobothrium scoticum* (Rennie and Reid) 1912:442, pl. I, figs. 1 and 2 (as *Dibothriocephalus scoticus*)

SYNTYPES: Reg. no. 1921.143.1501 (2 specimens, alcohol)

LOCALITY: Stn. 325, Scotia Bay, S. Orkneys. 60° 43'42"S, 44° 38'33"W. From intestine of *Stenorhynchus leptonyx* (sea-leopard)

COLLECTION: 'Scotia'

*Dibothriocephalus* Luhe, 1899

[*Dibothriocephalus coatsi*] Rennie and Reid, 1912:443, pl. I, figs. 5 and 6 (transferred to *Diphyllobothrium quadratum* by Fuhrmann, 1920)

SYNTYPE: Reg. no. 1921.143.1502 (alcohol)

LOCALITY: From intestine of *Stenorhynchus leptonyx* (sea-leopard)

COLLECTION: 'Scotia'

*Dibothriocephalus pygoscelis* Rennie and Reid, 1912:447, pl. II, figs. 11 and 12

SYNTYPES: Reg. no. 1921.143.1506 (3 specimens, alcohol)

LOCALITY: Penguin (?) host. (Probably *Pygoscelis antarctica* or *P. adelia*)

COLLECTION: 'Scotia'

NEMATODA

**Contraecum** Railliet and Henry, 1912

*Contraecum radiata* (Linstow) 1909:468, figs. 4 and 5 (as *Ascaris radiata*)

SYNTYPES: Reg. no. 1921.143.1512 (3 specimens, alcohol)

LOCALITY: From *Leptenychores weddelli* Lesson

COLLECTION: 'Scotia'

*Contraecum rectangula* (Linstow) 1909:464, figs. 1-3 and 8-15 (as *Ascaris rectangula*)

SYNTYPES: Reg. no. 1921.143.1511 (8 specimens, alcohol)

LOCALITY: From *Leptenychores weddelli* Lesson

COLLECTION: 'Scotia'



ACANTHOCEPHALA  
PALAEACANTHOCEPHALA  
ECHINORHYNCHIDAE

**Echinorhynchus** Gmelin, 1791

*Echinorhynchus antarcticus* Rennie, 1906:437, pls. 1-2, text-figs. 1-4

SYNTYPES: Reg. no. 1921.143.1510a (6 specimens, alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. Weddell  
Seal host

COLLECTION: 'Scotia'

SIPUNCULA  
SIPUNCULIDAE

**Siphonosoma** Spengel, 1912

*Siphonosoma (Siphonosoma) dayi* Stephen, 1942:246, pl. 11, figs. 1, 2

HOLOTYPE: Reg. no. 1958.23.1 (alcohol)

LOCALITY: Knysna Harbour, Cape Province, South Africa

COLLECTION: A. C. Stephen

REMARKS: See Smaldon and Watt, 1974:3

GOLFINGIIDAE

**Golfingia** Lankester, 1885

*Golfingia (Phascoloides) rimicola* Gibbs, 1973:74, figs. 3, 4, 5, 6, 9

TOPOTYPES: Reg. no. 1974.42 (10 specimens, alcohol)

LOCALITY: Wembury Point, South Devon. 6/12/1973

COLLECTED: P.E. Gibbs

REMARKS: See Smaldon and Watt, 1974:7

**Phascolion** Théel, 1875

*Phascolion robertsoni* Stephen and Robertson, 1952:439

HOLOTYPE: Reg. no. 1958.23.75 (alcohol)

LOCALITY: Chwaka Bay, Zanzibar Is. 3.7-5.5 m. Dredge. June, 1947

COLLECTION: A.C. Stephen

REMARKS: See Smaldon and Watt, 1974:9

**Themiste** Gray, 1828

*Themiste robertsoni* (Stephen and Robertson) 1952:438, pl., figs. 3, 4 (as *Dendrostoma robertsoni*)

HOLOTYPE: Reg. no. 1958.23.70 (alcohol)

LOCALITY: Chuckwani, Zanzibar Is. Feb. 1949

COLLECTION: A.C. Stephen

REMARKS: See Smaldon and Watt, 1974:10

*Themiste stephensoni* (Stephen) 1942:252, pl. II, fig. 5 (as *Dendrostoma stephensoni*)

HOLOTYPE: Reg. no. 1958.23.34 (alcohol)

LOCALITY: Port Alfred, Cape Province, South Africa. Sept. 1929

COLLECTION: A.C. Stephen

REMARKS: See Smaldon and Watt, 1974:11

### PHASCOLOSOMATIDAE

*Phascolosoma* Leuckart, 1828

[*Phascolosoma cluthensis*] Stephen, 1931:59, figs. 1, 2 (transferred to *Golfingia* (*Golfingia*) *elongata* by Stephen and Edmonds, 1972)

HOLOTYPE: Reg. no. 1931.79 (alcohol)

LOCALITY: Loch Ranza, Arran, Firth of Clyde. 73 m. June, 1902

COLLECTION: A.C. Stephen

REMARKS: See Smaldon and Watt, 1974:5

*Phascolosoma stephensoni* (Stephen) 1942:250, pl. II, figs. 3, 4 (as *Physcosoma stephensoni*)

HOLOTYPE: Reg. no. 1958.23.17 (alcohol)

LOCALITY: Isipingo Beach, Durban, South Africa. July, 1936

COLLECTION: A.C. Stephen

REMARKS: See Smaldon and Watt, 1974:18



ECHIURA  
ECHIURIDAE

**Ochetostoma** Leuckart and Ruppell, 1828

*Ochetostoma capense* Jones and Stephen, 1955:273, figs. 1, 2, 3

HOLOTYPE: Reg. no. 1958.23.41 (alcohol)

LOCALITY: Zwartkops River, Port Elizabeth, South Africa. March, 1949

COLLECTION: A.C. Stephen

REMARKS: See Smaldon and Watt, 1974:21

*Ochetostoma zanzibarensis* Stephen and Robertson, 1952:431, pl., fig. 1

HOLOTYPE: Reg. no. 1958.23.47 (alcohol)

LOCALITY: Bat Is., Zanzibar Is. 5/4/1949

COLLECTION: A.C. Stephen

REMARKS: See Smaldon and Watt, 1974:22

## MOLLUSCA

As a number of hitherto unrecognised type-specimens came to light as a direct result of investigation for the purposes of this Catalogue it is to be expected that further research will reveal the status of other similar material in certain of the collections. This is particularly likely in the case of early collections such as those of L Dufresne, E Forbes, R K Greville and W Nicol (the last containing a quantity of Capt Thomas Brown's figured specimens). In the very extensive A E Salisbury collection are many specimens labelled "co-types" which have not yet been investigated but which may in a number of cases be syntypes rather than paratypes. In general, paratypes have not been included in the Mollusca section of this Catalogue.

The 'Scotia' collections, in addition to the types catalogued herein, contain a number of potential types awaiting description. For example the specimen described as *Guivillea alabastrina* Watson was misidentified and is in fact another related but as yet undescribed species.

In accordance with a recent emendation of the International Code of Zoological Nomenclature whereby varieties are accorded equal status in nomenclature with subspecies, all varieties of species of Mollusca are here treated for convenience as subspecies. This should not be taken to imply any taxonomic judgment. No new synonymy has been attempted at the species level but a number of species are allocated to their respective genera for the first time herein. In two cases as yet unpublished lectotype designations are included while a third lectotype (for *Cerithium angustissimum* Forbes) is designated herein.

MOLLUSCA  
POLYPLACOPHORA  
CHAETOPLEURIDAE

**Chaetopleura** Shuttleworth, 1853

*Chaetopleura brucei* Iredale in Melvill & Standen, 1912:343, figs. 24, 24a-d

HOLOTYPE: Reg. no. 1921.143.577 (alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'32"W.

COLLECTION: 'Scotia'

GASTROPODA  
ARCHAEOGASTROPODA  
PLEUROTOMARIACEA  
SCISSURELLIDAE

**Scissurella** d'Orbigny, 1824

*Scissurella eucharista* Melvill & Standen, 1912:344, figs. 1, 1a

HOLOTYPE: Reg. no. 1921.143.595 (dry)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm.

COLLECTION: 'Scotia'

*Scissurella timoara* Melvill & Standen, 1912:345, figs. 2, 2a

SYNTYPES: Reg. no. 1921.143.598 (2 specimens, dry)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 48° 38'33"W. 9-10 fm.

COLLECTION: 'Scotia'

FISSURELLACEA  
FISSURELLIDAE

**Tugali** Gray in Dieffenbach, 1843

*Tugali melvilli* (Thiele) 1912:257 (as *Tugalia melvilli*, nom. nov. pro *Tugalia antarctica* Melvill & Standen, 1907:128, non Strebel, 1907:98)

SYNTYPES: Reg. no. 1921.143.593 (1 shell dry; 2 complete specimens + 4 shell-less animals in alcohol)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm.

COLLECTION: 'Scotia'

## TROCHACEA

### LIOTIIDAE

**Brookula** Iredale, 1912

*Brookula calypso* (Melvill & Standen) 1912:345, fig. 3 (as *Cyclostrema calypso*)

HOLOTYPE: Reg. no. 1921.143.599 (dry)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm.

COLLECTION: 'Scotia'

**Munditia** Finlay, 1927

*Munditia gaudens* (Melvill & Standen) 1912:346, figs. 5, 5a-b (as *Cyclostrema gaudens*)

HOLOTYPE: Reg. no. 1921.143.601 (dry)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm.

COLLECTION: 'Scotia'

REMARKS: This and the following species are placed in *Munditia* tentatively on shell characters; the different opercular structure (cp. figs. 5a and 22a of Melvill & Standen's plate) suggests they are not congeneric.

*Munditia meridionalis* (Melvill & Standen) 1912:346, figs. 6, 6a, 22, 22a (as *Cyclostrema meridionale*)

SYNTYPES: Reg. no. 1921.143.602 (32 specimens, dry)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm.

COLLECTION: 'Scotia'

REMARKS: The two specimens figured in figs. 22, 22a, have been segregated.

### SKENEIDAE

**Lodderia** Tate, 1899

*Lodderia coatsianum* (Melvill & Standen) 1912:346, figs. 4, 4a (as *Cyclostrema coatsianum*)

HOLOTYPE: 1921.143.600 (dry)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm.

COLLECTION: 'Scotia'

REMARKS: Powell (1951:55) placed this species in *Liotella*, but the sculpture seems closer to that of *Lodderia*. There is no operculum present in the holotype.



MESOGASTROPODA

CYCLOPHORACEA

PUPINIDAE

**Pupinella** Gray, 1850

*Pupinella grandis* (Forbes) 1852:380, pl. 2, figs. 10a-d (as *Pupina grandis*)

SYNTYPE: Reg. no. 1856.29.10801 (dry)

LOCALITY: Louisiade Archipelago

COLLECTION: 'Rattlesnake'

REMARKS: Six specimens were collected; the other five syntypes are in the British Museum (Natural History)

LITTORINACEA

LACUNIDAE

**Lacuna** Turton, 1827

*Lacuna abyssicola* Melvill & Standen, 1912:349, figs. 8, 8a-b

HOLOTYPE: Reg. no. 1921.143.621 (dry)

LOCALITY: Stn. 417. 71°22'S, 16°34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

LITTORINIDAE

**Laevilitorina** Pfeffer, 1886

*Laevilitorina coriacea* (Melvill & Standen) 1907:130, fig. 2 (as *Littorina* (*Laevilitorina*) *coriacea*)

HOLOTYPE: Reg. no. 1921.143.618 (dry)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60°43'42"S, 44°38'33"W. 5-10 fm. 2/1/1904

COLLECTION: 'Scotia'

REMARKS: This species is type-species of *Comeolitorina* Powell, 1951.

RISSOACEA

RISSOIDAE

**Onoba** Adams & Adams, 1854

*Onoba cymatodes* Melvill & Standen, 1916a: 120, fig. 22

HOLOTYPE: Reg. no. 1974.3 (dry)

LOCALITY: Burdwood Bank

COLLECTION: 'Scotia'

REMARKS: This species, omitted from the 'Scotia' Reports was the only new species of mollusc from the expedition whose type was not deposited in the Royal Scottish Museum. This has recently been acquired from the Manchester Museum by exchange.

**Subonoba** Iredale, 1915

*Subonoba filostria* (Melvill & Standen) 1912:349, fig. 9 (as *Rissoa* (*Onoba*) *filostria*)

HOLOTYPE: Reg. no. 1921.143.629 (dry)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm.

COLLECTION: 'Scotia'

*Subonoba paucilirata* (Melvill & Standen) 1912:350, fig. 10 (as *Rissoa* (*Onoba*) *paucilirata*)

HOLOTYPE: Reg. no. 1921.143.633 (dry)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm.

COLLECTION: 'Scotia'

**Ovirissoa** Hedley, 1916

*Ovirissoa scotiana* (Melvill & Standen) 1907:103, fig. 5 (as *Rissoa* (*Onoba*) *scotiana*)

HOLOTYPE: Reg. no. 1921.143.634 (dry)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-15 fm.  
April, 1903

COLLECTION: 'Scotia'

**Rissoa** Desmarest, 1814, s.l.

*Rissoa edgariana* Melvill & Standen, 1907:132, fig. 4

HOLOTYPE: Reg. no. 1921.143.628 (dry)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W.  
9-15 fm.

COLLECTION: 'Scotia'

CERITHIACEA  
TURRITELLIDAE

**Colpospirella** Powell, 1951

*Colpospirella algida* (Melvill & Standen) 1912:352, fig. 14 (as *Turritella algida*)

SYNTYPES: Reg. no. 1921.143.646 (3 specimens, dry)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm.

COLLECTION: 'Scotia'

REMARKS: This species is type-species of *Colpospirella*.

MATHILDIDAE

**Mathilda** Semper, 1865

*Mathilda malvinarum* (Melvill & Standen) 1907:135, figs. 6, 6a (as *Cerithiopsis malvinarum*)

HOLOTYPE: Reg. no. 1921.143.645 (dry)

LOCALITY: Stn. 349. Hernden Water, Falkland Is. Shore

COLLECTION: 'Scotia'

*Mathilda rhigomaches* Melvill & Standen, 1912:352, fig. 15

HOLOTYPE: Reg. no. 1921.143.647 (dry)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm.

COLLECTION: 'Scotia'

CERITHIOPSIDAE

**Metaxia** Monterosato, 1884

*Metaxia angustissima* (Forbes) 1844:190 (as *Cerithium angustissimum*)

LECTOTYPE: Reg. no. 1976.5.11501 (dry)

LOCALITY: Sporades

COLLECTION: Forbes (Aegean)

REMARKS: It is evident from Forbes' Report on Aegean Invertebrata that more than one specimen of this species was dredged. As no other extant specimen from the type-series is known, the above specimen is here designated as the lectotype.

**Cerithiopsilla** Thiele, 1912

*Cerithiopsilla burdwoodiana* (Melvill & Standen) 1912:351, fig. 12 (as *Bittium burdwoodianum*)

SYNTYPES: Reg. no. 1921.143.643 (3 specimens, dry)  
LOCALITY: Stn. 346. Burdwood Bank. 54°25'S, 57° 32'W. 56 fm. From interior  
of *Liothyris*. 1/12/1903  
COLLECTION: 'Scotia'

*Joculator* Hedley, 1909

*Joculator brucei* (Melvill & Standen) 1912:351, fig. 11 (as *Bittium brucei*)

HOLOTYPE: Reg. no. 1921.143.642 (dry)  
LOCALITY: Stn. 81. 18° 24'S, 37° 58'W. 36 fm.  
COLLECTION: 'Scotia'

*Cerithiella* Verrill, 1882

*Cerithiella macroura* (Melvill & Standen) 1912:352, fig. 13 (as *Cerithiopsis macroura*)

SYNTYPES: Reg. no. 1921.143.644 (3 specimens (one incomplete), dry)  
LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm.  
COLLECTION: 'Scotia'

## EULIMACEA

### EULIMIDAE

*Melanella* Bowdich, 1822

*Melanella dufresnii* Bowdich, 1822: pl. 6, fig. 17

LECTOTYPE: Reg. no. 1976.3.1 (dry)  
PARALECTOTYPE: Reg. no. 1976.3.2 (dry)  
LOCALITY: [none]  
COLLECTION: Dufresne

REMARKS: The identity of this species, the type-species of the genus, has long been conjectural, owing to the absence of any description or locality and the poor original illustration. A discussion of these specimens and the associated taxonomic and nomenclatural problems is being prepared for publication elsewhere.

## NATICACEA

### NATICIDAE

*Prolacuna* Thiele, 1913

*Prolacuna notorcadensis* (Melvill & Standen) 1907:131, figs. 3, 3a (as *Lacuna notorcadensis*)



SYNTYPES: Reg. no. 1921.143.623 (3 specimens, dry)  
LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm.  
April, 1903  
COLLECTION: 'Scotia'  
REMARKS: A further two specimens were presented by Melvill to the British Museum  
(Natural History), reg. no. 1912.5.8.9-10.

TONNACEA  
TONNIDAE

*Tonna* Brunnich, 1772

[*Macgillivrayia pelagica*] Forbes, 1852:383, pl. 3, figs. 8a-b

SYNTYPES: Reg. no. 1856.29.12401-12402 (2 specimens, dry)  
LOCALITY: Off Cape Byron, 15 miles from shore  
COLLECTION: 'Rattlesnake'

REMARKS: The monotypic genus *Macgillivrayia* was described from small pelagic molluscs collected by Macgillivray. It is now known that these are the young of *Tonna*, but it is not at present possible to assign them to any particular species. See Simroth, 1895:53-61, pl. 4, and Turner, 1948:169.

NEOGASTROPODA  
MURICACEA  
COLUMBARIIDAE

*Fulgurofusus* Grabau, 1904

*Fulgurofusus benthocallis* (Melvill & Standen) 1907:140, figs. 11, 11a (as *Columbarium benthocallis*)

HOLOTYPE: Reg. no. 1921.143.673 (dry)  
LOCALITY: Stn. 313. 62° 10'S, 41° 20'W. 1775 fm. Trawl. 10/3/1903  
COLLECTION: 'Scotia'

REMARKS: See Darragh, 1969:103, pl. 6, figs. 118, 124. Darragh's stated depth of 1755 fm. is an error

## MURICIDAE

### *Trophon* Montfort, 1810

*Trophon bruceanus* (Melvill & Standen) 1916:90 (as *Trichotropis bruceana* nom. nov. pro  
*Trichotropis antarctica* Melvill & Standen, 1912:348, fig. 7, non  
*Trichotropis antarctica* Thiele, 1912:197)

HOLOTYPE: Reg. no. 1921.143.613 (dry)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm. Trawl

COLLECTION: 'Scotia'

REMARKS: According to Powell (1960:142) the shell is too imperfect for accurate determination, although the figure suggests an immature *Xymenopsis* rather than a *Trichotropis*. Examination of the holotype does not confirm this opinion and it is placed here in *Trophon* s.l.

*Trophon minutus* Melvill & Standen, 1907:137, figs. 7, 7a

SYNTYPES: Reg. no. 1921.143.659 (4 specimens, dry)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-15 fm.  
April - August, 1903, 1/2/1904

COLLECTION: 'Scotia'

REMARKS: Strebel supplied Melvill & Standen with details of a single smaller specimen of this species taken by the Swedish South Polar Expedition in South Georgia, for which he provided the manuscript name *minutus*. He further suggested the varietal name *major* for the larger 'Scotia' specimens from the South Orkneys. Although Melvill & Standen adopted Strebel's name *minutus* they applied it to their description and figures of the 'Scotia' specimens, which are therefore the types. The following year Strebel (1908:44, pl. 4, figs. 47a-b) published '*Trophon minutus* n. sp.', based on his South Georgia specimen. *T. minutus* Strebel, 1908, is therefore a junior subjective synonym of *T. minutus* Melvill & Standen, 1907. See Melvill & Standen (1912:352) sub *Cerithiopsis malvinarum*. A further specimen was presented by Melvill to the British Museum (Natural History), reg. no. 1912.5.8.24.

### [*Cheletropis* Forbes, 1852]

[*Cheletropis huxleyi*] Forbes, 1852:385, figs. 9a-b

SYNTYPES: Reg. no. 1856.29.12501-12503 (3 specimens, dry)

LOCALITY: Off Cape Howe in South East corner of Australia

COLLECTION: 'Rattlesnake'

REMARKS: The monotypic genus *Cheletropis* was described from small pelagic molluscs collected by Macgillivray. Similar animals were placed in the 'genus' *Sinusigera* d'Orbigny, 1842, monographed by Craven (1877). It is now known that these are the young of Muricidae allied to the genera *Purpura* and *Thais*, but it is not at present possible to identify *Cheletropis huxleyi* with the pelagic phase of any particular species. See Simroth, 1895:83-106, and Clench, 1947:68.

BUCCINACEA

BUCCINIDAE

*Buccinum* Linnaeus, 1758

[*Buccinum acutissimum*] [Brown], 1836:58, fig. 2

HOLOTYPE: Reg. no. 1959.43.12701 (dry)

LOCALITY: See 'Remarks'

COLLECTION: Nicol

REMARKS: The authorship of this nominal species is not known for certain. It was published anonymously in the first volume of the *Edinburgh Journal of Natural History and Physical Sciences*. The editorship of that volume was begun by Brown and completed by Macgillivray. Although the name is attributed by Sherborn (1922) to '[Macgillivray]', it is treated here as being published by Brown for the following reasons: (i) the specimen is from the collection of W. Nicol, whose collection was used by Brown (1827, 1844) for a number of records and figured specimens; (ii) the specimen is referred to and again illustrated by Brown (1844:4, pl. 3, fig. 1) (although not under the name *acutissimum*) without any reference to Macgillivray; (iii) Brown was certainly responsible for the description of the plate of *Conus* which was published later in the volume than the *Buccinum*. The name was proposed conditionally (Brown states: '... if the animals really differ [from *B. undatum*], it might be distinguished by the specific name *acutissimum*'), but according to Article 17(8) of the *International Code of Zoological Nomenclature* (1964) such a name is available. The nominal species *Buccinum acutissimum*, however, is no more than a variety of *B. undatum* Linnaeus, 1758. According to Dautzenberg & Fischer (1912:110) it is intermediate between the var. *crassa* King (1847:337) and the var. *acuminata* Broderip (1835:44, pl. 3, figs. 1, 2). In the Nicol collection the type-specimen occurred on a board with the type-specimen of *Buccinum elongatum* (see below) and two other specimens, and the information: 'These shells were taken up by the fishing hooks at the depth of nearly 100 fathoms off the West coast of Shetland in July 1826. W N.' Brown (1836, 1844) erroneously states the specimen is from Orkney.

[*Buccinum elongatum*] [Brown], 1836:58, fig. 1

HOLOTYPE: Reg. no. 1959.43.12702 (dry)

LOCALITY: See 'Remarks'

COLLECTION: Nicol

REMARKS: This nominal species was published anonymously in the first volume of the *Edinburgh Journal of Natural History and Physical Sciences* and is here attributed to Brown for the same reasons as given above for *B. acutissimum*, this specimen being referred to and illustrated by Brown (1844:4, pl. 3, fig. 2) (although not under the name *elongatum*). The name was proposed conditionally (Brown states: 'If it be really distinct from the *B. anglicanum*, it might with propriety be distinguished by the name of *B. elongatum*'). It is, however, no more than a variety of *B. undatum*. According to Dautzenberg & Fischer (1912:111) it is an elongated example of the var. *zetlandica* Forbes (1835:593, fig. 62). The locality is the same as for *B. acutissimum* above, but was stated incorrectly by Brown (1836, 1844) to be Orkney.



**Anomalisipho** Dautzenberg & Fischer, 1912

*Anomalisipho brucei* (Melvill & Standen) 1900:9, fig. (as *Buccinum brucei*)

HOLOTYPE: Reg. no. 1921.145.179 (dry)

LOCALITY: North end of Windy Gully, Günther Sound, Franz-Josef Land

COLLECTION: Bruce

**Probuccinum** Thiele, 1912

*Probuccinum archibenthale* (Melvill & Standen) 1907:138, fig. 9 (as *Chrysodomus (Sipho) archibenthalis*)

HOLOTYPE: Reg. no. 1921.143.663 (dry)

LOCALITY: Stn. 313. 62° 10'S, 41° 20'W. 1775 fm. Trawl. 10/3/1903

COLLECTION: 'Scotia'

**Savatieria** Rochebrune & Mabille, 1885

*Savatieria concinna* Melvill & Standen, 1912:356, fig. 17

HOLOTYPE: Reg. no. 1921.143.678 (dry)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm. Trawl. 1/12/1903

COLLECTION: 'Scotia'

**Prosipho** Thiele, 1912

*Prosipho crassicosatus* (Melvill & Standen) 1907:138, figs. 10, 10a (as *Chrysodomus (Sipho) crassicosatus*)

SYNTYPES: Reg. no. 1921.143.664 (8 specimens, dry)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm. April - August, 1903

COLLECTION: 'Scotia'

REMARKS: Melvill & Standen (1912:355) reported further specimens from the same locality seen subsequent to their original description of the species. As the eight specimens in the Royal Scottish Museum's collection are not dated it is not certain whether any of them are later specimens and therefore technically not syntypes. Two further specimens from the same locality, also undated, were presented by Melvill to the British Museum (Natural History), reg. no. 1912.5.8.7-8. No specimen from Burdwood Bank, also reported in 1912, was received by the Royal Scottish Museum.

## NASSARIIDAE

**Nassarius** Duméril, 1806

*Nassarius vallentini* (Melvill & Standen) 1907:138, figs. 8, 8a (as *Nassa (Ilyanassa) vallentini*)



HOLOTYPE: Reg. no. 1921.143.662 (dry)  
LOCALITY: Stn. 349. Port William, Falkland Islands. Shore  
COLLECTION: 'Scotia'

VOLUTACEA  
MARGINELLIDAE

*Marginella* Lamarck, 1799, s.l.

[*Marginella porcellana*] (Melvill & Standen) 1912:355, fig. 21 (as *Mitra* (*Volutomitra*)  
*porcellana*)

SYNTYPES: Reg. no. 1921.143.672 (2 specimens, dry)

LOCALITIES: (a) Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W.  
9-10 fm.

(b) Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm. Trawl

COLLECTION: 'Scotia'

REMARKS: Powell (1951) considered this species to be 'probably a *Marginella*', but later (1960:157) placed it in *Paradmete* without comment. Cernohorsky (1970:139) placed it among the doubtful species of Volutomitridae, commenting that it: '... shows some resemblance to *Volutomitra* (*Paradmete*) *crymochara* (Rochebrune & Mabille, 1885), but also exhibits distinct affinities with some Subantarctic Marginellidae'. Examination of the types suggests that the latter identification is more likely. The species cannot be called *Marginella porcellana*, however, as that name is preoccupied by *M. porcellana* (Gmelin, 1791). Any critical revision of the Subantarctic Marginellidae would require the provision of a new generic name to accommodate the high-spined species which are very different from the West African type-species of *Marginella* (cf. Laseron, 1957) and the determination of the systematic position of the present species must be deferred until such a revision is available.

CONACEA  
CONIDAE

*Conus* Linnaeus, 1758

[*Conus nicolii*] Wilson, 1831: pl. 36 (synonymized with *Conus prometheus* [Hwass],  
1792:667 by [Johnson], 1903, and by Tomlin, 1937)

HOLOTYPE: Reg. no. 1959.43.13301 (dry)

LOCALITY: [none]

COLLECTION: Nicol

ENTOMOTAENIATA  
PYRAMIDELLACEA  
PYRAMIDELLIDAE

*Turbonilla* Risso, 1826, s.l.

*Turbonilla xenophyes* Melvill & Standen, 1912:353, figs. 16, 16a

SYNTYPES: Reg. no. 1921.143.651 (4 specimens, dry)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm. Trawl

COLLECTION: 'Scotia'

CEPHALASPIDEA  
BULLACEA  
RETUSIDAE

*Retusa* Brown, 1827

[*Retusa antarctica*] Melvill & Standen, 1912:357, fig. 20

HOLOTYPE: Reg. no. 1921.143.682 (dry)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm.

COLLECTION: 'Scotia'

REMARKS: Pfeffer, in Martens & Pfeffer (1886:109, pl. 3, fig. 5) described a new species *Utriculus antarcticus* from South Georgia. This is a *Retusa*, so Pfeffer's species is a senior secondary homonym of *Retusa antarctica* Melvill & Standen. A comparison of the respective figures indicates that the two are not synonymous and the latter will, therefore, require a new name. Powell confused matters by listing the South Georgia species as a *Diaphana* and the South Orkneys species as a *Retusa* (1951:60, 63), then later reversing this and listing the South Orkneys species as a *Diaphana* and Pfeffer's species as a *Retusa* (1960:162). Neither species appears, from shell characters, to be a *Diaphana*, and the source of Powell's error remains unexplained.

STYLOMMATOPHORA  
CLAUSILIACEA  
MEGASPIRIDAE

*Coelocion* Pilsbry, 1904

*Coelocion australis* (Forbes) 1852:380, pl. 2, figs. 9a, 9b (as *Balea australis*)

SYNTYPES: Reg. no. 1856.29.15501-15502 (2 specimens, dry)

LOCALITY: Under stones, Port Molle, [Queensland]

COLLECTION: 'Rattlesnake'

## ARIOPHANTACEA

### EUCONULIDAE

**Expocystis** Iredale, 1937

*Expocystis rusticus* (Pfeiffer) 1852:112 (as *Helix rustica*, nom. nov. pro *Helix inconspicua* Forbes, 1852:379, pl. 2, figs. 3a-c, non *Helix inconspicua* C.B. Adams, 1849:37)

SYNTYPES: Reg. no. 1856.29.17001-17002 (2 specimens, dry)

LOCALITY: Islet in Trinity Bay, [Queensland]

COLLECTION: 'Rattlesnake'

REMARKS: Iredale (1937:4) gives the date of *H. inconspicua* Forbes as '“1852” = mid December 1851' without disclosing the source of this information. Pfeiffer's 'Berichtigungen' were published in July 1852. These specimens are also syntypes of *Helix impexa* Reeve, 1852 (October): pl. 130, sp. 795, and *Helix crotali* Cox, 1864:13, both of which were nomina nova pro *Helix inconspicua* Forbes non Adams.

## HELICACEA

### CAMAENIDAE

**Papuina** Martens in Albers, 1860

*Papuina macgillivrayi* (Forbes) 1852:377, pl. 3, fig. 1 (as *Helix macgillivrayi*)

SYNTYPE: Reg. no. 1856.29.17601 (dry)

LOCALITY: Frankland Island, [North Queensland]

COLLECTION: 'Rattlesnake'

REMARKS: Iredale (1938:91) gives the date of *Helix macgillivrayi* Forbes as '“1852” = mid December 1851' without disclosing the source of this information. He raises Papuinidae to family rank and includes this species in *Rhynchotrochus* Möllendorff, 1895.

**Trichia** Hartmann, 1840

[*Helix roseotincta*] Forbes, 1838:252

LECTOTYPE: Reg. no. 1866.21.893a (dry)

PARALECTOTYPES: Reg. no. 1866.21.893b-d (3 specimens, dry)

LOCALITY: Algiers

COLLECTION: Greville

REMARKS: The illustration of the species on pl. 11, fig. 3 was not published until 1839. This species is generally considered synonymous with *Helix lanuginosa* de Boissy (1835: pl. 69). A lectotype was chosen by Dr. L. Pintér of Budapest in 1973 but has not so far been published.

SACOGLOSSA  
ELYSIACEA  
LIMAPONTIIDAE

*Limapontia* Johnston, 1836

*Limapontia depressa pellucida* Kevan, 1934:18

SYNTYPES: Reg. no. 1954.6 (8 specimens, alcohol)

LOCALITY: At the mouth of the R. Tyne, near Tynninghame, East Lothian. 16/5/1932

COLLECTION: Kevan

NUDIBRANCHIA  
GNATHODORIDACEA  
BATHYDORIDIDAE

*Bathydoris* Bergh, 1884

*Bathydoris brownii* Evans, 1914:192, pls. 17, 18

HOLOTYPE: Reg. no. 1921.143.1522 (alcohol + slide of portion of radula)

LOCALITY: Stn. 417. Off Coats Land. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

REMARKS: The label with the holotype gives the locality details and date of Stn. 420. This appears to be an error, as no nudibranch from that station is recorded in the zoological log of the expedition, whereas a specimen of a nudibranch is noted as among the catch from Stn. 417 (Wilton, et al., 1908:69). No nudibranch from deep water was included in the report by Eliot (1905), so the details as given by Evans would seem to be correct.

DENDRONOTACEA  
TRITONIIDAE

*Duvaucelia* Risso, 1826

*Duvaucelia appendiculata* (Eliot) 1905:526, figs. 6-8 (as *Tritonia appendiculata*)

HOLOTYPE: Reg. no. 1921.143.815 (alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9 fm.  
April, 1903

COLLECTION: 'Scotia'

*Tritoniopsilla* Pruvot-Fol, 1933

*Tritoniopsilla brucei* (Eliot) 1905:530, figs. 15-20 (as *Tritoniopsis brucei*)



SYNTYPES: Reg. no. 1921.143.817 (3 specimens, alcohol)  
LOCALITY: [Stn. 461]. Gough Island. 40° 20'S, 9° 56'W. 10 fm. 22/4/1904  
COLLECTION: 'Scotia'

NOTAEOLIDIACEA  
NOTAEOLIDIIDAE

*Notaeolidia* Eliot, 1905

*Notaeolidia gigas* Eliot, 1905:520, figs. 1-5

SYNTYPES: Reg. no. 1921.143.813 (4 specimens, alcohol)  
LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm.  
COLLECTION: 'Scotia'

*Notaeolidia purpurea* Eliot, 1905:524

HOLOTYPE: Reg. no. 1921.143.814 (alcohol)  
LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 10 fm.  
April, 1903.  
COLLECTION: 'Scotia'

SCAPHOPODA  
DENTALIIDAE

*Dentalium* Linnaeus, 1758

*Dentalium eupatrides* Melvill & Standen, 1907:142, fig. 12

SYNTYPES: Reg. no. 1921.143.584 (1 dry shell + 32 and some fragments in alcohol)  
LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904  
COLLECTION: 'Scotia'

REMARKS: The type-locality, omitted by Melvill & Standen (1907) is given by them in their later report (1912:358). Three of the specimens are not smooth, as described, but distinctly longitudinally ribbed.

PELECYPODA

NUCULOIDA

NUCULANACEA

NUCULANIDAE

*Yoldiella* Verrill & Bush, 1897

*Yoldiella profundorum* (Melvill & Standen) 1912:359, figs. 18, 18a-b (as *Yoldia profundorum*)

SYNTYPES: Reg. no. 1921.143.689 (2 valves, dry)

LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

REMARKS: See Knudsen, 1970: pl. 1, figs. 15, 16.

ARCOIDA

ARCACEA

ARCIDAE

*Bathyarca* Kobelt, 1891

*Bathyarca strebeli* (Melvill & Standen) 1907:144, figs. 13, 13a (as *Arca* (*Bathyarca*) *strebeli*)

HOLOTYPE: Reg. no. 1921.143.691a (dry)

PARATYPE: Reg. no. 1921.143.691b (dry)

LOCALITY: Stn. 291. 67° 33'S, 36° 35'W. 2000 fm. Trawl. 7/3/1903

COLLECTION: 'Scotia'

LIMOPSACEA

PHILOBRYIDAE

*Lissarca* Smith, 1877

*Lissarca notorcadensis* Melvill & Standen, 1907:144, figs. 14, 14a

SYNTYPES: Reg. no. 1921.143.693 (35 specimens, dry + 75+ in alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W.  
9-15 fm. April - June, 1903; June, 1904

COLLECTION: 'Scotia'

PTERIOIDA  
PECTINACEA  
PECTINIDAE

**Propeamussium** de Gregorio, 1884

[*Pecten concentricus*] Forbes, 1844:192

SYNTYPE: Reg. no. 1976.5.31901 (1 right valve, dry)

LOCALITY: See 'Remarks'

COLLECTION: Forbes (Aegean)

REMARKS: This name is synonymous with *Pecten fenestratus* Forbes (see below). No locality data are with the specimen and in the original description Forbes indicates only 'with the last' [i.e. *fenestratus*]. *P. concentricus* is stated in the text to have been frequent from 70 - 185 fm., so it is evident that more than the single syntype present were originally collected.

*Propeamussium fenestratum* (Forbes) 1844:192 (as *Pecten fenestratus*)

SYNTYPES: Reg. no. 1976.5.31902-31903 (2 left valves, dry)

LOCALITY: See 'Remarks'

COLLECTION: Forbes (Aegean)

REMARKS: Because the right and left valves of this species are markedly different in sculpture, and as Forbes obtained only dissociated valves in his dredged material, it is not surprising that he described the two valves as distinct species. No locality data are with the specimens and the original description states merely 'Cyclades, Asia Minor'. In his text, however, Forbes indicates that valves were taken from 45 - 140 fm. at various localities, including off Ananas Rocks ('from Milo ten miles'), 105 fm., and the Channel between the Morea and Cerigo, 110 fm. Further localities are given for '*Pecten concentricus*'.

*Propeamussium octodecimpliratum* (Melvill & Standen) 1907:147, figs. 17, 17a (as *Amussium octodecimpliratum*)

HOLOTYPE: Reg. no. 1921.143.708 (dry)

LOCALITY: Stn. 291. 67° 33'S, 36° 35'W. 2500 fm. Trawl

COLLECTION: 'Scotia'

REMARKS: See Knudsen, 1970: pl. 12, figs. 10-12.

**Cyclopecten** Verrill, 1897

*Cyclopecten hoskynsi* (Forbes) 1844:192 (as *Pecten hoskynsi*)

SYNTYPE: Reg. no. 1976.5.31904 (1 left valve, dry)

LOCALITY: 200 fm. off Piscopi [Tilos]

COLLECTION: Forbes (Aegean)

REMARKS: Forbes also records four valves from 185 fm., SE. side of Gulf of Macri [Fethiye Körfezi], Asia Minor.

**Palliolum** Monterosato, 1884

*Palliolum pteriola* (Melvill & Standen) 1907:147, figs. 16, 16a (as *Pecten pteriola*)

SYNTYPES: Reg. no. 1921.143.707 (2 valves, dry)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W.  
9-10½ fm. April, 1903

COLLECTION: 'Scotia'

REMARKS: A further four specimens were presented by Melvill to the British Museum (Natural History), reg. no. 1912.5.8.4-6a.

**Chlamys** Röding, 1798, s.l.

*Chlamys multicolor* (Melvill & Standen) 1907:146, figs. 21, 21a (as *Pecten multicolor*)

SYNTYPES: Reg. no. 1921.143.705 (7 specimens + 5 valves, dry, and 23 specimens in alcohol)

LOCALITY: [Stn. 461]. Gough Island. 40° 20'S, 9° 56'W. 23/4/1904

COLLECTION: 'Scotia'

REMARKS: A further two specimens were presented by Melvill to the British Museum (Natural History), reg. no. 1912.5.8.25-26.

## LIMACEA

### LIMIDAE

**Escalima** Iredale, 1929

*Escalima goughensis* (Melvill & Standen) 1907:148, figs. 18, 18a (as *Lima* (*Mantellum*) *goughensis*)

SYNTYPES: Reg. no. 1921.143.709 (5 valves dry, 7 valves in alcohol)

LOCALITY: Stn. 461. Gough Island. 40° 20'S, 9° 56'W. 100 fm. Trawl. 23/4/1904

COLLECTION: 'Scotia'

## UNIONOIDA

### UNIONACEA

#### MUTELIDAE

**Pleiodon** Conrad, 1834

*Pleiodon waterstoni* Pain & Woodward, 1964: 9, pl. 3

HOLOTYPE: Reg. no. 1961.61.32801 (dry)

PARATYPE: Reg. no. 1961.61.32802 (dry)



LOCALITY: 'Assumed to be from Senegal'

COLLECTION: Salisbury

VENEROIDA  
CARDITACEA  
CARDITIDAE

**Carditella** Smith, 1881

*Carditella pallida duodecimcostata* Melvill & Standen, 1912:361, figs. 19, 19a

SYNTYPES: Reg. no. 1921.143.712 (3 specimens and more than 100 valves, dry)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm.

COLLECTION: 'Scotia'

CYCLOCARDIIDAE

**Cyclocardia** Conrad, 1869

*Cyclocardia congelascens* (Melvill & Standen) 1912:362, fig. 23 (as *Cardita congelascens*)

SYNTYPES: Reg. no. 1921.143.711 (2 valves, dry)

LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm.

COLLECTION: 'Scotia'

MACTRACEA  
MESODESMATIDAE

**Ervilia** Turton, 1822

*Ervilia nitens* (Montagu) 1808:165 (as *Mya nitens*)

SYNTYPES: Reg. no. 1866.21a.43 (4 valves, dry)

LOCALITY: On the Scottish coast, near Dunbar

COLLECTION: Greville

REMARKS: This Caribbean species is one of the many exotica collected by Laskey near Dunbar. Although these specimens were received by Greville from W. Bean, they are almost certainly part of the type-series. See Rooij-Schuiling, 1972:62.

GAIMARDIACEA

GAIMARDIIDAE

*Gaimardia* Gould, 1852

*Gaimardia mesembrina* (Melvill & Standen) 1912:361, figs. 15, 15a (as *Modiolarca mesembrina*)

SYNTYPES: Reg. no. 1921.143.703 (2 specimens, dry)

LOCALITY: Stn. 118. Cape Pembroke, Falkland Is. Shore.

COLLECTION: 'Scotia'

SPHAERIACEA

PISIDIIDAE

*Pisidium* Pfeiffer, 1821

*Pisidium plenilunium* (Melvill & Standen) 1907:150, figs. 20, 20a (as *Scacchia plenilunium*)

SYNTYPES: Reg. no. 1921.143.724 (3 valves, dry)

LOCALITY: Stn. 118. Cape Pembroke, Falkland Is. Shore

COLLECTION: 'Scotia'

REMARKS: After examination of the syntypes Dell realised they were 'a species of the freshwater genus *Pisidium*, a fact that could not be determined from the original description or figures' (Dell, 1964:98). Hitherto, only one Subantarctic species of freshwater bivalve had been recorded (Powell, 1960:123), namely *Sphaerium vallentinianum* Melvill & Standen, 1914:132, pl. 7, figs. 3, 3a-b. From consideration of the description and figures, this species too seems to be a *Pisidium* rather than a *Sphaerium* and very similar if not identical to *P. plenilunium*.

PHOLADOMYOIDA

POROMYACEA

CUSPIDARIIDAE

*Cuspidaria* Nardo, 1840

*Cuspidaria abbreviata* (Forbes) 1843:75 (as *Neaera abbreviata*)

SYNTYPES: Reg. no. 1976.5.36601-36602 (2 valves, dry)

LOCALITY: See 'Remarks'

COLLECTION: Forbes (Aegean)

REMARKS: Forbes (1844) records two valves from 150 fm., off Milo, 17 September 1841, and three dead specimens from 185 fm., SE. side of Gulf of Macri [Fethiye Körfezi], 23 December 1843. As the paper describing the species

was read on 13 June 1843, the latter three specimens cannot be part of the type-series. The specimens are labelled '*Neaera abbreviata* n.s.', but have no locality data.

*Cuspidaria brucei* Melvill & Standen, 1907:152, figs. 19, 19a-b

SYNTYPES: Reg. no. 1921.143.731 (2 valves (one broken), dry)

LOCALITY: Stn. 468. 39° 48'S, 2° 33'E. 2645 fm.

COLLECTION: 'Scotia'

## CEPHALOPODA

### OCTOPODA

#### OCTOPODIDAE

**Enteroctopus** Rochebrune & Mabile, 1889

[*Polypus brucei*] Hoyle, 1912:276, figs. 1-3

HOLOTYPE: Reg. no. 1921.143.557 (male, alcohol)

LOCALITY: Stn. 346. Burdwood Bank, off Tierra del Fuego. 54° 25'S, 57° 32'W.  
1/12/1903

COLLECTION: 'Scotia'

REMARKS: This species was synonymized with *Enteroctopus megalocyathus* (Gould, 1852) by Robson, 1929:176.

**Benthoctopus** Grimpe, 1921

*Benthoctopus eureka* (Robson) 1929:179, figs. 66-68 (as *Enteroctopus eureka*, nom. nov. pro *Polypus tehuelchus* Hoyle, 1912:278, figs. 4-5, non d'Orbigny, 1835. Transferred to *Benthoctopus* by Robson, 1931:228.)

LECTOTYPE: Reg. no. 1921.143.558a (male, alcohol)

PARALECTOTYPE: Reg. no. 1921.143.558b (female, alcohol)

LOCALITIES: (a) Stn. 118. Falkland Is. 51° 49'S, 57° 51'W. Shore. 6/2/1904  
(Lectotype)

(b) Port Stanley, Falkland Is. February, 1904 (Paralectotype)

COLLECTION: 'Scotia'

REMARKS: A lectotype was chosen by Dr. G.L. Voss of Miami in 1967 but has not so far been published

ANNELIDA  
POLYCHAETA  
SABELLIDAE

*Potamethus* Chamberlin, 1919

*Potamethus scotiae* (Pixell) 1913:356, pl., figs. 7a-7h (as *Potamis scotiae*)

HOLOTYPE: Reg. no. 1921.143.1486 (alcohol)

LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm.

COLLECTION: 'Scotia'

SERPULIDAE

*Apomatus* Philippi, 1844

*Apomatus brownii* Pixell, 1913:349, pl., figs. 2a-2e

SYNTYPE: Reg. no. 1921.143.1478 (alcohol)

LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

*Metalaeospira* Pillai, 1970

*Metalaeospira antarcticus* (Pixell) 1913:351, pl., figs. 3a-3c (as *Spirorbis* (*Paralaeospira*)  
*antarcticus*)

SYNTYPES: Reg. no. 1921.143.1480 (7 specimens, alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm.  
April, 1903. On *Fucus*

COLLECTION: 'Scotia'

REMARKS: See Pillai, 1970

*Protolaeospira* Pixell, 1912

*Protolaeospira* (*Dextralia*) *falklandica* (Pixell) 1913:352, pl., figs. 5a-5c (as *Spirorbis*  
(*Paradexiospira*) *falklandicus*)

SYNTYPES: Reg. no. 1921.143.1482 (8 specimens, alcohol)

LOCALITY: Stn. 118. Port Stanley, Falkland Is. On a stone from the shore. Jan. 1903

COLLECTION: 'Scotia'

REMARKS: See Knight-Jones, 1973



TARDIGRADA  
ECHINISCIDAE

*Echiniscus* Schultze, 1840

*Echiniscus (Echiniscus) quadrispinosus* Richters, var. *cribrosus* Murray, 1907:653,  
pl. I, figs. 1a-1c

LECTOTYPE OF VARIETY: Reg. no. 1921.144.143 (slide preparation)

LOCALITY: Broughton, Peebles. 24/7/1906

COLLECTED: Murray

MACROBIOTIDAE

*Hypsibius* Ehrenberg, 1848

*Hypsibius (Hypsibius) zetlandicus* (Murray) 1907:659, pl. IV, figs. 24a-24d (as  
*Macrobiotus zetlandicus*)

LECTOTYPE: Reg. no. 1921.144.62 (slide preparation)

LOCALITY: Bog Pool, Fort Augustus. 29/11/1906

COLLECTED: Murray

*Hypsibius (Isohypsibius) angusti* (Murray) 1907:660, pl. IV, figs. 25a-25d (as  
*Macrobiotus angusti*)

PARALECTOTYPES: Reg. nos. 1921.144.172 and 173 (slide preparations)

LOCALITY: Bog Pool near Fort Augustus. 29/11/1906

COLLECTED: Murray

REMARKS: There has been much confusion over this specific name. Murray (1907) described the species as *M. angusti* in his text, but plates illustrating the species in the same paper are labelled *M. augusti*. Ramazzotti (1972) notes it as *M. augusti*, and since the type locality is Fort Augustus, it is reasonable to suppose that this was the name that Murray intended. However, *angusti* is retained for the purposes of this catalogue, since it is the text-name given to the species.

*Hypsibius (Isohypsibius) annulatus* (Murray) 1905:691, pl. III, figs. 14a-14c (as  
*Macrobiotus annulatus*)

LECTOTYPE: Reg. no. 1921.144.64 (slide preparation)

PARALECTOTYPE: Reg. no. 1921:144:63 (slide preparation)

LOCALITY: Cruci. Pool, Fort Augustus

COLLECTED: Murray

ARTHROPODA  
PYCNOGONIDA  
PANTOPODA  
COLOSSENDEIDAE

*Colossendeis* Jarschinsky, 1870

[*Colossendeis frigida*] Hodgson, 1907:63, pl. IX, fig. 3; pl. X, figs. 5 and 6 (transferred to *Colossendeis megalonyx megalonyx* by Fry and Hedgpeth, 1969)

SYNTYPE: Reg. no. 1909.250.30 (alcohol)

LOCALITY: 'Discovery' Winter Quarters. 77° 49'S, 167° 7'4"E.

COLLECTED: National Antarctic Expedition, 1901-04

[*Colossendeis orcadense*] Hodgson, 1908:184, pl. II, fig. 3 (transferred to *Colossendeis megalonyx orcadense* by Fry and Hedgpeth, 1969)

HOLOTYPE: Reg. no. 1921.143.835 (alcohol)

LOCALITY: South Orkneys. June, 1903

COLLECTION: 'Scotia'

NYMPHONIDAE

*Chaetonymphon* Sars, 1888

[*Chaetonymphon assimile*] Hodgson, 1908:175, pl. I, figs. 1 and 1a (transferred to *Nymphon australe* by Gordon, 1932)

PARATYPES: Reg. no. 1921.143.829 (3 specimens, alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 10 fm.

COLLECTION: 'Scotia'

[*Chaetonymphon australe* (Hodgson) var. *austrinorum*] Hodgson, 1907:35, pl. IV, fig. 4; pl. X, fig. 15 (transferred to *Nymphon australe* by Gordon, 1932)

SYNTYPES OF VARIETY: Reg. no. 1909.250.27 (3 specimens, alcohol)

LOCALITY: 'Discovery' Winter Quarters. 77° 49'S, 167° 7'4"E.

COLLECTED: National Antarctic Expedition, 1901-04

*Nymphon* Fabricius, 1794

*Nymphon articulare* Hodgson, 1908:170, pl. I, figs. 4 and 4a

SYNTYPES: Reg. no. 1921.143.825 (5 specimens, alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 10 fm.

COLLECTION: 'Scotia'

*Nymphon hiemale* Hodgson, 1907:20, pl. III, fig. 1; pl. X, fig. 8

SYNTYPE: Reg. no. 1909.250.25 (alcohol)

LOCALITY: 'Discovery' Winter Quarters. 77° 49'S, 167° 7'4"E. 125 fm.

COLLECTED: National Antarctic Expedition, 1901-04

*Nymphon mendosum* (Hodgson) 1907:30, pl. IV, fig. 3; pl. X, fig. 13 (as *Chaetonymphon mendosum*)

SYNTYPE: Reg. no. 1909.250.26 (alcohol)

LOCALITY: 'Discovery' Winter Quarters. 77° 49'S, 167° 7'4"E.

COLLECTED: National Antarctic Expedition, 1901-04

*Nymphon orcadense* (Hodgson) 1908:173, pl. II, figs. 2 and 2a (as *Chaetonymphon orcadense*)

SYNTYPES: Reg. no. 1921.143.838 (10 specimens, alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W.  
9-15 fm. Dredge. April, 1903

COLLECTION: 'Scotia'

*Nymphon piliferum* Carpenter, 1898:628, pl. 46, figs. 1, 3-6, 8, 10-13

SYNTYPE: Reg. no. 1899.29.5 (alcohol)

LOCALITY: Stn. E7.  $\frac{2}{3}$  ml. SW. of Elmwood, Franz-Josef Land. 19 fm. 19/6/1897

COLLECTED: W.S. Bruce

*Nymphon piliferum* Carpenter, var. *abbreviatum* Carpenter, 1898:628, pl. 46, figs. 2, 7, 9

SYNTYPE OF VARIETY: Reg. no. 1899.29.6 (alcohol)

LOCALITY: Franz-Josef Land. Off Cape Mary Harmsworth. 53-93 fm. 1/8/1897

COLLECTED: W.S. Bruce

**Leionymphon** Moebius, 1902

[*Leionymphon australe*] Hodgson, 1907:46, pl. VII, fig. 1 (transferred to *Ammothea (Theammoa) clausi* by Fry and Hedgpeth, 1969)

SYNTYPE: Reg. no. 1909.250.29 (alcohol)

LOCALITY: 'Discovery' Winter Quarters. 77° 49'S, 167° 7'4"E.

COLLECTED: National Antarctic Expedition, 1901-04

**Pentanymphon** Hodgson, 1904

*Pentanymphon antarcticum* Hodgson, 1904:458, pl. 14

SYNTYPE: Reg. no. 1909.250.28 (alcohol)

LOCALITY: 'Discovery Winter Quarters. 77° 49'S, 167° 7'4"E.

COLLECTED: National Antarctic Expedition, 1901-04

REMARKS: See also Hodgson, 1907:36, pl. V

CRUSTACEA  
OSTRACODA  
PHILOMEDIDAE

**Philomedes** Liljeborg, 1853

*Philomedes assimilis* Brady, 1907:5, pl. I, figs. 16-21; pl. II, figs. 1-6

SYNTYPES: Reg. no. 1909.250.3 (3 specimens, alcohol)

LOCALITY: 'Discovery' Winter Quarters. 77° 49'S, 167° 7'4"E.

COLLECTED: National Antarctic Expedition, 1901-04.

REMARKS: See Kornicker, 1975:229

*Philomedes orbicularis* Brady, 1907:4, pl. I, figs. 1-15

SYNTYPE: Reg. no. 1909.250.4 (alcohol)

LOCALITY: 'Discovery' Winter Quarters. 77° 49'S, 167° 7'4"E.

COLLECTED: National Antarctic Expedition, 1901-04.

REMARKS: See Kornicker, 1975:240

HALOCYPRIDIDAE

**Conchoecia** Dana, 1849

*Conchoecia innominata* Brady, 1907:1, pl. II, figs. 7-14

SYNTYPE: Reg. no. 1909.250.1 (alcohol)

LOCALITY: 'Discovery' Winter Quarters. 77° 49'S, 167° 7'4"E.

COLLECTED: National Antarctic Expedition, 1901-04

*Conchoecia serrulata* Claus, var. *laevis* Brady, 1907:2

SYNTYPE OF VARIETY: Reg. no. 1909.250.2 (alcohol)

LOCALITY: 56° 54'S, 170° 28'E.

COLLECTED: National Antarctic Expedition, 1901-04

CYPRIDAE

**Acetabulastoma** Schornikov, 1970

*Acetabulastoma hyperborea* (Scott) 1899:83, pl. 4, figs. 12-15 (as *Pontocypris* (?)  
*hyperborea*)

LECTOTYPE: Reg. no. 1921.145 (dry, slide preparation)



LOCALITY: West Bay, Cape Flora, Franz-Josef Land. 2-10 fm. 2/7/1897  
COLLECTED: W. S. Bruce, Jackson-Harmsworth Expedition  
REMARKS: See Neale (in press)

**Candona Baird, 1846**

*Candona harmsworthi* Scott, 1899:83, pl. 3, figs. 16 and 17

LECTOTYPE: Reg. no. 1921.145 (dry, slide preparation)

PARALECTOTYPES: Reg. no. 1921.145 (4 specimens, dry, slide preparation)

LOCALITY: Ponds near Elmwood, Franz-Josef Land. 79° 57'N, 50° 01'E. 30/7/1897

COLLECTED: W.S. Bruce, Jackson-Harmsworth Expedition

REMARKS: See Neale, 1969:222

**Herpetocypris Sars, 1890**

*Herpetocypris* (?) *dubia* Scott, 1899:82, pl. 4, figs. 7-11

PARALECTOTYPES: Reg. no. 1921.145. (5 specimens, dry, slide preparation)

LOCALITY: Ponds near Elmwood, Franz-Josef Land. 79° 57'N, 50° 01'E. 30/7/1897

COLLECTED: W.S. Bruce, Jackson-Harmsworth Expedition

*Herpetocypris arctica* Scott, 1899:83, pl. 4, figs. 2-6

PARALECTOTYPES: Reg. no. 1921.145 (5 specimens, dry, Slide preparation)

LOCALITY: Ponds near Elmwood, Franz-Josef Land. 79° 57'N, 50° 01'E. 30/7/1897

COLLECTED: W.S. Bruce, Jackson-Harmsworth Expedition

**COPEPODA  
LERNAEIDAE**

**Lernaeocera Nordman, 1832**

*Lernaeocera obtusa* Kabata, 1957:569, figs. 1-6

PARATYPES: Reg. no. 1957.24 (6 males from gills of *Microstomus kitt*; 6 females from gills of *Gadus aeglefinus*, alcohol)

LOCALITY: Northern North Sea

COLLECTED: Z. Kabata

CIRRIPEDIA  
THORACICA  
SCALPELLIDAE

*Arcoscalpellum* Hoek, 1907

*Arcoscalpellum bouvieri* (Gruvel) 1906:270 (as *Scalpellum bouvieri*)

SYNTYPE: Reg. no. 1909.250.5 (alcohol)

LOCALITY: 'Discovery' Winter Quarters. 77° 49'S, 167° 7'4"E.

COLLECTED: National Antarctic Expedition, 1901-04

REMARKS: See also Gruvel, 1907:1, pl. 1

MYSIDACEA  
MYSIDAE

*Boreomysis* G.O. Sars, 1869

*Boreomysis brucei* Tattersall, 1913:869, pl., figs. 11-13

SYNTYPES: Reg. no. 1921.143.891 (2 specimens, alcohol)

LOCALITIES: (a) Stn. 414. Weddell Sea, 71° 50'S, 23° 30'W. 2102 fm.

(b) Stn. 416. Weddell Sea, 71° 22'S, 18° 15'W. 2370 fm.

COLLECTION: 'Scotia'

CUMACEA  
LEUCONIDAE

*Eudorella* Norman, 1867

[*Eudorella similis*] Calman, 1907:3, pl., figs. 1-6 (transferred to *Eudorella splendidus*  
by Stebbing, 1913)

SYNTYPE: Reg. no. 1909.250.10 (alcohol)

LOCALITY: 'Discovery' Winter Quarters. 77° 49'S, 167° 7'4"E.

COLLECTED: National Antarctic Expedition, 1901-04

NANNASTICIDAE

*Campylaspis* G.O. Sars, 1865

*Campylaspis antarctica* (Calman) 1907:5, pl., figs. 14-16, text-fig. 4 (as *Campylaspis*  
*verrucosa* var. *antarctica*)

SYNTYPE OF VARIETY: Reg. no. 1909.250.11 (alcohol)

LOCALITY: 'Discovery' Winter Quarters. 77° 49'S, 167° 7'4"E.

COLLECTED: National Antarctic Expedition, 1901-04

ISOPODA  
VALVIFERA  
ASTACILLIDAE

*Antarcturus* Strassen, 1902

*Antarcturus ornatus* Tattersall, 1913:889, pl., fig. 5

HOLOTYPE: Reg. no. 1921.143.920 (alcohol)

LOCALITY: Stn. 482. Saldanha Bay, South Africa. May, 1904

COLLECTION: 'Scotia'

AMPHIPODA  
ACANTHONOTOZOMATIDAE

*Bathypanoploea* Schellenberg, 1939

*Bathypanoploea australis* (Chilton) 1912:487, pl. 2, fig. 19 (as *Acanthonotozoma australis*)

HOLOTYPE: Reg. no. 1921.143.952 (alcohol)

LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

*Echiniphimedia* K.H. Barnard, 1930

*Echiniphimedia echinata* (Walker) 1906:150 (as *Iphimedia echinata*)

SYNTYPE: Reg. no. 1909.250.19 (alcohol)

LOCALITY: 'Discovery' Winter Quarters. 77° 49'S, 167° 7'4"E.

COLLECTED: National Antarctic Expedition, 1901-04

AMPELISCIDAE

*Ampelisca* Krøyer, 1842

*Ampelisca aequicornis* Bruzelius, var. *verga* Reid, 1951:217, fig. 18

SYNTYPE OF VARIETY: Reg. no. 1959.61.S1 (slide preparation)

LOCALITY: 'Atlantide' Stn. 161 (no other details available)

COLLECTED: 'Atlantide' Expedition

REMARKS: See Sanderson, 1973:1

## AORIDAE

**Aora** Krøyer, 1845

*Aora atlantidea* Reid, 1951:252, fig. 45

SYNTYPE: Reg. nos. 1959.61.S23 (slide preparation, Gn. I female)  
1959.61.S24 (slide preparation, Gn. II female)

LOCALITY: 'Atlantide' Stn. 151. 10° 40'N, 16° 44'W. 42m.

COLLECTED: 'Atlantide' Expedition

REMARKS: See Sanderson, 1973:4

**Lembopsis** Pearce, 1912

*Lembopsis kraemmeri* (Reid) 1951:250, fig. 44 (as *Microdeutopus kraemmeri*)

PARALECTOTYPE: Reg. no. 1959.61.126 (alcohol)

LOCALITY: 'Atlantide' Stn. 153. 10° 49'N, 16° 39'W. 42m. 16/4/1946

COLLECTED: 'Atlantide' Expedition

REMARKS: See Sanderson, 1973:5

## CALLIOPIIDAE

**Haliragoides** Sars, 1893

*Haliragoides australis* Chilton, 1912:489

SYNTYPE: Reg. no. 1921.143.954 (alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W.  
9-10 fm. May, 1903

COLLECTION: 'Scotia'

**Oradarea** Walker, 1903

*Oradarea unidentata* Thurston, 1972:43

PARATYPES: Reg. no. 1921.143.953C (4 females, alcohol)

LOCALITY: Laurie Island, Scotia Bay, South Orkneys. 10 fm.

COLLECTION: 'Scotia'



## EUSIRIDAE

### *Eusirus* Krøyer, 1845

[*Eusirus splendidus*] Chilton, 1912:492, pl. 2 fig. 20 (transferred to *Eusirus perdentatus* by Barnard, 1932)

SYNTYPE: Reg. no. 1921.143.956 (alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 54 fm. 15/8/1903

COLLECTION: 'Scotia'

## GAMMARIDAE

### *Maera* Leach, 1814

*Maera simplex* Reid, 1951:240, fig. 36

SYNTYPE: Reg. no. 1959.61.S247 (slide preparation, Gn. II, Leg VI, male)

LOCALITY: 'Atlantide' Stn. 146. 9° 27'N, 14° 48'W. 50-51m.

COLLECTED: 'Atlantide' Expedition

REMARKS: See Sanderson, 1973:21

### *Marinogammarus* Sexton and Spooner, 1940

*Marinogammarus stoerensis* (Reid)1938:287, figs. 1-3 (as *Gammarus marinus* var. *stoerensis*)

SYNTYPES: Reg. no. 1959.61.99 (2 specimens, alcohol)

LOCALITIES: (a) Under stones, LWM, Stoer Bay, Sutherland. April, 1937

(b) Under stones in pool, Stoer, Sutherland. April, 1936

COLLECTION: D.M. Reid

REMARKS: See Sanderson, 1973:21

### *Melita* Leach, 1814

*Melita hergensis* Reid, 1939a:278, figs. a-k

SYNTYPES: Reg. no. 1959.61.70 (3 specimens, alcohol)

LOCALITIES: (a) Wembury Bay, *F. serratus*. 17/4/1938

(b) Wembury Bay. 17/4/1938

(c) Keyhaven, Hants.

COLLECTION: D.M. Reid

REMARKS: See Sanderson, 1973:22

### *Pectenogammarus* Reid, 1940

*Pectenogammarus planicrurus* Reid, 1940:287, figs. a-p

SYNTYPES: Reg. no. 1959.61.95 (3 specimens, alcohol)  
LOCALITIES: (a) Saltdean. 1/7/1940  
(b) Under stones on chalk, Saltdean. 17/1/1940  
(c) Under stones on chalk, Saltdean. 17/1/1940  
COLLECTION: D.M. Reid  
REMARKS: See Sanderson, 1973:24

## HAUSTORIIDAE

*Urothoe* Dana, 1852

*Urothoe leone* Reid, 1951:221, figs. 21 a-d.

HOLOTYPE: Reg. nos. 1959.61.S295 (slide preparation, Gn. I, Legs VI and VII, female)  
1959.61.S296 (slide preparation, Gn. II, Legs III, IV and V,  
female)

LOCALITY: 'Atlantide' Stn. 52. off Monrovia, Liberia. 11m.

COLLECTED: 'Atlantide' Expedition

REMARKS: See Sanderson, 1973:26

## HYALIDAE

*Hyale* Rathke, 1837

*Hyale ramalhoi* Reid, 1939:29, figs. 1, 2

SYNTYPES: Reg. nos. 1959.61.121 (alcohol)  
1959.61.S338 to S349 (slide preparations)

LOCALITY: Rock pools, Madeira. August, 1938

COLLECTION: D.M. Reid

REMARKS: See Sanderson, 1973:28

*Hyale saldanha* Chilton, 1912:509, pl. 2, figs. 24-29

SYNTYPE: Reg. no. 1921.143.973 (alcohol)

LOCALITY: Stn. 483, entrance to Saldanha Bay, South Africa. 25 fm. 21/5/1903

COLLECTION: 'Scotia'

*Hyale wolffi* Reid, 1951:245, fig. 40

SYNTYPE: Reg. no. 1959.61.S351 (slide preparation, Gn. II, Ant II)

LOCALITY: 'Atlantide' Stn. 166. Horta, Fayal, Azores. Tidal zone

COLLECTED: 'Atlantide' Expedition  
REMARKS: See Sanderson, 1973:29

## LYSIANASSIDAE

**Alicella** Chevreux, 1899

*Alicella scotiae* Chilton, 1912:465, pl. 1, figs. 6, 7

HOLOTYPE: Reg. no. 1921.143.929 (alcohol)

LOCALITY: Stn. 468. South Atlantic. 39° 48'S, 2° 33'E. 2645 fm. 29/4/1904

COLLECTION: 'Scotia'

**Pseudorchomene** Schellenberg, 1926

*Pseudorchomene coatsi* (Chilton) 1912:477, pl. 1, figs. 8, 9 (as *Orchomenopsis coatsii*)

SYNTYPE: Reg. no. 1921.143.938 (alcohol)

LOCALITY: Stn. 411. Coats Land. 71° 1'S, 22° 00'W. 161 fm. 12/3/1904

COLLECTION: 'Scotia'

**Tmetonyx** Stebbing, 1906

*Tmetonyx bruuni* Reid, 1951:196

SYNTYPE: Reg. no. 1959.61.7 (alcohol)

LOCALITY: 'Atlantide' Stn. 161 (no other details available)

COLLECTED: 'Atlantide' Expedition

REMARKS: See Sanderson, 1973:38

## PHOTIDAE

**Eurystheus** Bate, 1856

*Eurystheus averus* Reid, 1951:261, fig. 52

SYNTYPE: Reg. no. 1959.61.S551 (slide preparation, Gn. II)  
1959.61.S552 (slide preparation, Gn. II, Per II, Md.palp)

LOCALITY: 'Atlantide' Stn. 151. 10° 40'N, 16° 44'W. 65 m.

COLLECTED: 'Atlantide' Expedition

REMARKS: See Sanderson, 1973:41

*Eurystheus hirsutimanus* Reid, 1951:260, fig. 51

SYNTYPE: Reg. no. 1959.61.S553 (slide preparation, Gn. II)

LOCALITY: 'Atlantide' Stn. 153, 10° 49'N, 16° 39'W. 42m.  
COLLECTED: 'Atlantide' Expedition  
REMARKS: See Sanderson, 1973:41

*Eurystheus longicarpus* Reid, 1951:259, fig. 50

SYNTYPES: Reg. no. 1959.61.196 (3 specimens, alcohol)  
LOCALITY: 'Atlantide' Stn. 145. 9° 20'N, 14° 15'W. 32 m. 13/4/1946  
COLLECTED: 'Atlantide' Expedition  
REMARKS: See Sanderson, 1973:41

### PONTOGENEIIDAE

*Atyloides* Stebbing, 1888

[*Atyloides calceolata*] Chilton, 1912:497, pl. 2, figs. 21-23 (transferred to *Schraderia gracilis* by Barnard, 1932)

SYNTYPE: Reg. no. 1921.143.961 (alcohol)  
LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 10 fm.  
COLLECTION: 'Scotia'  
REMARKS: See Barnard (1932:204-205) for comments on the species of *Schraderia*

### SEBIDAE

*Seba* Bate, 1862

*Seba antarctica* Walker, 1906:154

SYNTYPE: Reg. no. 1909.250.22 (alcohol)  
LOCALITY: 'Discovery' Winter Quarters. 77° 49'S, 167° 7'4"E.  
COLLECTED: National Antarctic Expedition, 1901-04

### STENOTHOIDAE

*Proboloides* Della Valle, 1893

*Proboloides antarcticus* Walker, 1906:13

SYNTYPE: Reg. no. 1909.250.18 (alcohol)  
LOCALITY: 'Discovery' Winter Quarters. 77° 49'S, 167° 7'4"E.  
COLLECTED: National Antarctic Expedition, 1901-04



**Thaumatelson** Walker, 1906

[*Thaumatelson inermis*] Chilton, 1912:483 pl. 1, figs. 16, 17 (transferred to *Prothaumatelson nasutum* by Schellenberg, 1931)

SYNTYPE: Reg. no. 1921.143.945 (alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W.  
9-10 fm. April 1903

COLLECTION: 'Scotia'

*Thaumatelson walkeri* Chilton, 1912:481, pl. 1, figs. 11-15

SYNTYPE: Reg. no. 1921.143.944 (alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W.  
April, 1903

COLLECTION: 'Scotia'

## APPENDIX TO AMPHIPODA

The late D.M. Reid, who was well known to Amphipod specialists throughout the world, donated his fine collection of Amphipods to the Royal Scottish Museum. Part of the collection consisted of type specimens of new species which Reid had not yet named formally in print. Details of these specimens are given by Sanderson (1973).

## EUPHAUSIACEA

### EUPHAUSIIDAE

**Euphausia** Dana, 1852

*Euphausia crystallorophias* Holt and Tattersall, 1906: 1

SYNTYPES: Reg. no. 1909.250.7 (9 specimens, alcohol)

LOCALITY: 'Discovery' Winter Quarters, 77° 49'S, 167° 7'4"E.

COLLECTED: National Antarctic Expedition, 1901-04

REMARKS: See also Tattersall, 1908:9

## MYRIAPODA

This material has only recently been discovered in its original state. It has never been studied since the original descriptions, consequently no indication of systematic position nor names in current use can yet be applied. The information for this section has been supplied by E.C. Pelham-Clinton.

## CHILOPODA

**Mecistocephalus** Newport, 1843

*Mecistocephalus evansi* Brölemann, 1922:55, figs. 1-3

HOLOTYPE: Reg. no. 1951.73 (1 female, alcohol)

LOCALITY: Amara on Tigris, Mesopotamia

COLLECTION: W E Evans

**Lithobius** Leach, 1814

*Lithobius aeruginosus spinosior* Brölemann, 1922:60

SYNTYPES: Reg. no. 1951.73 (2 females, alcohol)

LOCALITY: Amara on Tigris, Mesopotamia

COLLECTION: W E Evans

*Lithobius fossipes* Brölemann, 1922:59, figs. 4-5

HOLOTYPE: Reg. no. 1951.73 (1 male, alcohol)

LOCALITY: Amara on Tigris, Mesopotamia

COLLECTION: W E Evans

*Lithobius jugorum tigriaccola* Brölemann, 1922:58

SYNTYPES: Reg. no. 1951.73 (2 males, 1 female, alcohol)

LOCALITY: Amara on Tigris, Mesopotamia

COLLECTION: W E Evans

**Thereuonema** Verhoeff, 1904

*Thereuonema turkeстана hamrinensis* Brölemann, 1922:60

SYNTYPES: Reg. no. 1951.73 (3 specimens, sex not stated, alcohol)

LOCALITY: Jebel Hamrin, near Ruz, NE of Baghdad, Mesopotamia

COLLECTION: W E Evans

DIPLOPODA

***Calyptophyllum*** Brölemann, 1922

*Calyptophyllum integrum* Brölemann, 1922:67, figs. 12-14

HOLOTYPE: Reg. no. 1951.73 (1 female, alcohol)

LOCALITY: Harunabad, Persia

COLLECTION: W E Evans

*Calyptophyllum obvolvatum* Brölemann, 1922:63, figs. 6-11

HOLOTYPE: Reg. no. 1951.73 (1 male, alcohol)

LOCALITY: Taki Girreh, Persia

COLLECTION: W E Evans

***Mesoiulus*** Berlese, 1886

*Mesoiulus evansi* Brölemann, 1922:70, figs. 15-19

SYNTYPES: Reg. no. 1951.73 (3 males, 4 females, alcohol)

LOCALITY: Amara on Tigris, Mesopotamia

COLLECTION: W E Evans

BRYOZOA  
GYMNOLAEMATA  
CTENOSTOMATA  
HISLOPIIDAE

**Hislopia** Carter, 1858

*Hislopia lacustris* Carter, 1858:170, pl. 7, figs. 1-3

SYNTYPES: Reg. no. 1859:18 (2 colonies, dry)

LOCALITY: Nagpoor, India. On *Paludina bengalensis* in fresh-water tanks

COLLECTED: S. Hislop



BRACHIOPODA  
ARTICULATA  
TEREBRATULIDAE

*Liothyrella* Thomson, 1916

*Liothyrella blochmanni* (Jackson) 1912:378, pl. 1, figs. 4-8 (as *Liothyrina blochmanni*)

HOLOTYPE: Reg. no. 1921.143.550a (dry)

PARATYPE: Reg. no. 1921.143.550b (dry)

LOCALITY: Stn. 417. Off Coats Land. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

*Liothyrella uva notorcadensis* (Jackson) 1912:375, pl. 1, figs. 1-3 (as *Liothyrina uva*  
var. *notorcadensis*)

SYNTYPES: Reg. no. 1921.143.549 (2 specimens, dry)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 6 fm.  
1/2/1904

COLLECTION: 'Scotia'

REMARKS: These are no. 1 (the figured specimen) and no. 3 of the four syntypes  
described by Jackson

ECHINODERMATA

CRINOIDEA

COMATULIDA

ANTEDONIDAE

**Anthometra** A.H. Clark, 1915

*Anthometra adriani* (Bell) 1908:4, pl. II (as *Antedon adriani*)

SYNTYPE: Reg. no. 1910.19.5 (alcohol)

LOCALITY: 'Discovery' Winter Quarters, 77° 49'S, 167° 7'4"E.

COLLECTED: National Antarctic Expedition, 1901-04

**Eometra** A.H. Clark, 1936

*Eometra weddelli* Vaney and John, 1939:668, text-fig. 2

SYNTYPES: Reg. no. 1921.143.1750 (4 specimens, alcohol)

LOCALITY: Stn. 313. Weddell Sea, S.E. of South Orkneys Is. 62° 10'S, 41° 20'W.  
3426 m. 18/3/1903

COLLECTION: 'Scotia'

**Florometra** A.H. Clark, 1915

*Florometra goughi* Vaney and John, 1939:665, text-fig. 1

HOLOTYPE: Reg. nos. 1921.143.1748 (alcohol)  
1921.143.1747 (pinnule of holotype, alcohol)

LOCALITY: Gough Island, S. Atlantic. 100 fm. 23/4/1904

COLLECTION: 'Scotia'

CYRTOCRINIDA

HYOCRINIDAE

**Ptilocrinus** A.H. Clark, 1907

*Ptilocrinus brucei* Vaney and John, 1939:661, pl.

HOLOTYPE: Reg. no. 1921.143.1743 (alcohol)

LOCALITY: Stn. 301. 64° 48'S, 44° 26'W. 2485 fm.

COLLECTION: 'Scotia'

ASTEROIDEA  
PORCELLANASTERIDAE

**Styracaster** Sladen, 1883

*Styracaster robustus* Koehler, 1907:144

HOLOTYPE: Reg. no. 1921.143.1217 (alcohol)

LOCALITY: Stn. 447. 51° 7'S, 9° 31'W. 2103 fm. 9/4/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:560, pl. IV, figs. 44 and 45

**Hyphalaster** Sladen, 1883

*Hyphalaster scotiae* Koehler, 1907:144

SYNTYPES: Reg. no. 1921.143.1218 (2 specimens, alcohol)

LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:562, pl. VII, figs. 71 and 72

ASTROPECTINIDAE

**Psilasteropsis** Fisher, 1906

*Psilasteropsis facetus* Koehler, 1907:143

SYNTYPE: Reg. no. 1921.143.1197 (alcohol)

LOCALITY: Stn. 451. 48° 6'S, 10° 5'W. 1742 fm. 13/4/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:538, pl. II, figs. 16-18

**Dytaster** Sladen, 1885

*Dytaster felix* Koehler, 1907:143

SYNTYPES: Reg. no. 1921.143.1196 (2 specimens, alcohol)

LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:536, pl. I, figs. 1-3

## BENTHOPECTINIDAE

**Luidiaster** Studer, 1883

*Luidiaster antarcticus* (Koehler) 1907:144 (as *Marcelaster antarcticus*)

SYNTYPES: Reg. no. 1921.143.1203 (3 specimens, alcohol)

LOCALITY: Stn. 313. 62° 10'S, 41° 20'W. 1775 fm. 18/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:545, pl. III, figs. 22-25

## ODONTASTERIDAE

**Odontaster** Verrill, 1880

*Odontaster pusillus* Koehler, 1907:143

HOLOTYPE: Reg. no. 1921.143.1201 (alcohol)

LOCALITY: Stn. 451. 48° 6'S, 10° 5'W. 1742 fm. 13/4/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:540, pl. I, figs. 10 and 11

## GONIASTERIDAE

**Chitonaster** Sladen, 1885

*Chitonaster johannae* Koehler, 1907:144

SYNTYPES: Reg. no. 1921.143.1202 (4 specimens, alcohol)

LOCALITY: Stn. 313. 62° 10'S, 41° 20'W. 1775 fm. 18/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:542, pl. IV, figs. 32-37

## GANERIIDAE

**Ganeria** Gray, 1847

*Ganeria attenuata* Koehler, 1907:144

HOLOTYPE: Reg. no. 1921.143.1204 (alcohol)

LOCALITY: Stn. 313. 62° 10'S, 41° 20'W. 1775 fm. 18/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:547, pl. III, figs. 26 and 27



**Scotiaster** Koehler, 1907

*Scotiaster inornatus* Koehler, 1907:144

HOLOTYPE: Reg. no. 1921.143.1205 (alcohol)

LOCALITY: Stn. 447. 51° 7'S, 9° 31'W. 2103 fm. 9/4/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:549, pl. IV, figs. 38 and 39

## SOLASTERIDAE

**Lophaster** Verrill, 1878

*Lophaster abbreviatus* Koehler, 1907:144

HOLOTYPE: Reg. no. 1921.143.1213 (alcohol)

LOCALITY: Stn. 313. 62° 10'S, 41° 20'W. 1775 fm. 18/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:557, pl. IV, figs. 42 and 43. A.M. Clark (1962) notes this species as a possible junior synonym of *Lophaster stellans* Sladen.

**Paralophaster** Fisher, 1940

*Paralophaster lorioli* (Koehler) 1907:144 (as *Solaster lorioli*)

HOLOTYPE: Reg. no. 1921.143.1214 (alcohol)

LOCALITY: Stn. 291. 67° 33'S, 36° 35'W. 2500 fm. 7/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:558, pl. IV, figs. 40 and 41

## PTERASTERIDAE

**Hymenaster** Thomson, 1873

*Hymenaster campanulatus* Koehler, 1907:144

HOLOTYPE: Reg. no. 1921.143.1207 (alcohol)

LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:550, pl. I, figs. 8 and 9; pl. II, figs. 19-21

*Hymenaster densus* Koehler, 1907:144

SYNTYPES: Reg. no. 1921.143.1210 (2 specimens, alcohol)

LOCALITY: Stn. 420. 69° 33'S, 15° 19'W. 2620 fms. 21/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:554, pl. I, figs. 4-7

*Hymenaster edax* Koehler, 1907:144

SYNTYPES: Reg. no. 1921.143.1208 (3 specimens, alcohol)

LOCALITY: Stn. 313. 62° 10'S, 41° 20'W. 1775 fm. 18/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:552, pl. II, figs. 12-15

*Hymenaster lucatus* Koehler, 1907:144

SYNTYPES: Reg. no. 1921.143.1209 (2 specimens, alcohol)

LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:553, pl. III, figs. 28-31

## BRISINGIIDAE

*Freyella* Perrier, 1885

*Freyella giardi* Koehler, 1907:145

SYNTYPES: Reg. no. 1921.143.1228 (4 specimens, alcohol)

LOCALITIES: (a) Stn. 291. 67° 33'S, 36° 35'W. 2500 fm. 7/3/1903

(b) Stn. 420. 69° 33'S, 15° 19'W. 2620 fm. 21/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:578, pl. VI, figs. 53-57

## ASTERIIDAE

*Diplasterias* Perrier, 1888

*Diplasterias brucei* (Koehler) 1907:145 (as *Stolasterias brucei*)

SYNTYPES: Reg. no. 1921.143.1232 (3 specimens, plus 12 young from largest specimen, alcohol)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 10 fm. July, 1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:569, pl. V, figs. 46 and 47

*Diplasterias induta* Koehler, 1907:145

HOLOTYPE: Reg. no. 1921.143.1225 (alcohol)

LOCALITY: Stn. 325, Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 10-20 fm.

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:575, pl. VII, figs. 68-70

*Anasterias* Perrier, 1875

[*Anasterias cupulifera*] Koehler, 1907:144 (transferred to *Lysasterias perrieri* by Fisher, 1940)

HOLOTYPE: Reg. no. 1921.143.1221 (alcohol)

LOCALITY: Stn. 325, Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 10 fm. April, 1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:566, pl. V, fig. 52; pl. VI, figs. 58 and 59

*Notasterias* Koehler, 1911

*Notasterias pedicellaris* (Koehler) 1907:145 (as *Asterias pedicellaris*)

HOLOTYPE: Reg. no. 1921.143.1227 (alcohol)

PARATYPES: Reg. no. 1921.143.1227 (2 specimens, alcohol)

LOCALITY: Stn. 417, 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:577, pl. VII, figs. 61-67; pl. VIII, figs. 74-78

## OPHIUROIDEA OPHIACANTHIDAE

*Ophiacantha* Mueller and Troschel, 1842

*Ophiacantha densa* Farran, 1913:40, text-figs. 9, 12, 13

SYNTYPES: Reg. no. 1914.18.9 (3 specimens, alcohol)

LOCALITY: 50° 42'N, 11° 18'W. 627-728 fm. Trawl, SR504, 12/9/1907

COLLECTED: Farran

*Ophiacantha frigida* Koehler, 1907:147

SYNTYPES: Reg. no. 1921.143.1252 (13 specimens, alcohol)

LOCALITIES: (a) Stn. 313, 62° 10'S, 41° 20'W. 1775 fm. 18/3/1903

(b) Stn. 417, 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:608, pl. XIV, figs. 123-125

*Ophiacantha opulenta* Koehler, 1907:147

HOLOTYPE: Reg. no. 1921.143.1253 (alcohol)

LOCALITY: Stn. 313. 62° 10'S, 41° 20'W. 1775 fm. 18/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:610, pl. XIV, figs. 128, 129

*Ophiomitrella* Verrill, 1899

*Ophiomitrella ingrata* Koehler, 1907:147

SYNTYPES: Reg. no. 1921.143.1257 (28 specimens, alcohol)

LOCALITY: Stn. 461, Gough Island, S. Atlantic. 100 fm. 23/4/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:613, pl. XIV, figs. 126 and 127

## OPHIOLEUCIDAE

*Ophiernus* Lyman, 1878

*Ophiernus quadrispinus* Koehler, 1907:146

HOLOTYPE: Reg. no. 1921.143.1242 (alcohol)

PARATYPES: Reg. no. 1921.143.1242a (3 specimens, alcohol)

LOCALITY: Stn. 313. 62° 10'S, 41° 20'W. 1775 fm. 18/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:601, pl. XI, figs. 102 and 103

## AMPHIURIDAE

*Amphiplus* Verrill, 1899

*Amphiplus consors* (Koehler) 1907:146 (as *Amphiura consors*)

SYNTYPES: Reg. no. 1921.143.1246 (2 specimens, alcohol)

LOCALITY: Stn. 420. 69° 33'S, 15° 19'W. 2620 fm. 21/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:605, pl. XIII, figs. 117 and 118

*Amphiplus magnifica* (Koehler) 1907:146 (as *Amphiura magnifica*)

SYNTYPES: Reg. no. 1921.143.1244 (2 specimens, alcohol)



LOCALITIES: (a) Stn. 447. 51° 7'S, 9° 31'W. 2103 fm. 9/4/1904  
(b) Stn. 420. 69° 33'S, 15° 19'W. 2620 fm. 21/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:603, pl. XII, fig. 111; pl. XIII, fig. 119

**Amphiura** Forbes, 1812

[*Amphiura mortenseni*] Koehler, 1907:147 (transferred to *Amphiura belgicae* by Mortensen, 1936)

SYNTYPES: Reg. no. 1921.143.1245 (13 specimens, alcohol)

LOCALITIES: (a) Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm. April, 1903

(b) Jessie Bay, South Orkneys. 26/1/1904.

(c) Stn. 325. Scotia Bay, Bay A, 9-10 fm. June, 1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:604, pl. XIV, figs. 121 and 122

*Amphiura murex* Koehler, 1908:633, pl. XIII, figs. 115 and 116

SYNTYPES: Reg. no. 1921.143.1277 (2 specimens, alcohol)

LOCALITY: Stn. 81. 18° 24'S, 37° 58'W. 36 fm. 20/12/1902

COLLECTION: 'Scotia'

## AMPHILEPIDIDAE

**Amphilepis** Ljungman, 1866

*Amphilepis antarctica* Koehler, 1907:146

HOLOTYPE: Reg. no. 1921.143.1243 (alcohol)

LOCALITY: Stn. 325, Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm. August, 1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:602, pl. XIII, figs. 113 and 114. Clark, 1970:71 notes that the affinities of this species are uncertain.

**Amphiophiura** Matsumoto, 1915

*Amphiophiura inops* (Koehler) 1907:146 (as *Ophioglypha inops*)

HOLOTYPE: Reg. no. 1921.143.1239 (alcohol)

LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904.

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:597, pl. XI, figs. 96 and 97

## OPHIURIDAE

### **Ophiocten** Lütken 1855

*Ophiocten ludwigi* Koehler, 1907:146

SYNTYPES: Reg. no. 1921.143.1241 (13 specimens, alcohol)

LOCALITY: Stn. 313. 62° 10'S, 41° 20'W. 1775 fm. 18/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:599, pl. XI, figs. 100 and 101

### **Ophioglypha** Lyman, 1860

[*Ophioglypha figurata*] Koehler, 1907:145 (transferred to *Ophiura irrorata* by Koehler, 1922)

HOLOTYPE: Reg. no. 1921.143.1233 (alcohol)

LOCALITY: Stn. 313. 62° 10'S, 41° 20'W. 1775 fm. 18/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:587, pl. IX, figs. 83 and 84

[*Ophioglypha integra*] Koehler, 1907:145 (transferred to *Ophiura irrorata* by Koehler, 1922)

SYNTYPES: Reg. no. 1921.143.1231 (5 specimens, alcohol)

LOCALITY: Stn. 313. 62° 10'S, 41° 20'W. 1775 fm. 18/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler 1908:584, pl. VIII, figs. 79 and 80.

[*Ophioglypha lenticularis*] Koehler, 1907:145 (transferred to *Ophiura irrorata* by Madsen, 1967)

HOLOTYPE: Reg. no. 1921.143.1232 (alcohol)

LOCALITY: Stn. 447. 51° 7'S, 9° 31'W. 2103 fm. 9/4/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:585, pl. X, figs. 90 and 91

### **Ophioplinthus** Lyman, 1878

*Ophioplinthus brucei* (Koehler) 1907:145 (as *Ophioglypha brucei*)

SYNTYPE: Reg. no. 1921.143.1230 (alcohol)

LOCALITY: Stn. 295. 66° 40'S, 40° 35'W. 2425 fm. 10/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:582, pl. VIII, figs. 81 and 82

### **Ophiura** Lamarck, 1801

*Ophiura mimaria* (Koehler) 1907:146 (as *Ophioglypha mimaria*)

SYNTYPES: Reg. no. 1921.143.1235 (6 specimens, alcohol)  
LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904  
COLLECTION: 'Scotia'  
REMARKS: See also Koehler, 1908:590, pl. IX, figs. 88 and 89

*Ophiura ossiculata* (Koehler) 1907:146 (as *Ophioglypha ossiculata*)

SYNTYPES: Reg. no. 1921.143.1234 (3 specimens, alcohol)  
LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904  
COLLECTION: 'Scotia'  
REMARKS: See also Koehler, 1908:588, pl. IX, figs. 85-87

**Ophiurolepis** Matsumoto, 1915

*Ophiurolepis anceps* (Koehler) 1907:146 (as *Ophioglypha anceps*)

SYNTYPES: Reg. no. 1921.143.1236 (10 specimens, alcohol)  
LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904  
COLLECTION: 'Scotia'  
REMARKS: See also Koehler, 1908:591, pl. X, figs. 92 and 93

*Ophiurolepis partita* (Koehler) 1907:146 (as *Ophioglypha partita*)

HOLOTYPE: Reg. no. 1921.143.1238 (alcohol)  
LOCALITY: Stn. 313. 62° 10'S, 41° 22'W. 1775 fm. 18/3/1903  
COLLECTION: 'Scotia'  
REMARKS: See also Koehler, 1908:595, pl. X, figs. 94 and 95

*Ophiurolepis scissa* (Koehler) 1907:146 (as *Ophioglypha scissa*)

SYNTYPES: Reg. no. 1921.143.1237 (45 specimens, alcohol)  
LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904  
COLLECTION: 'Scotia'  
REMARKS: See also Koehler, 1908:594, pl. XI, figs. 98 and 99; pl. XII, fig. 112

ECHINOIDEA

CIDAROIDEA

CIDARIDAE

**Cidaris** Leske, 1778

[*Cidaris minor*] Koehler, 1908:638, pl. XV, figs. 136-138 (transferred to *Eucidaris tribuloides* by Mortensen, 1928)

HOLOTYPE: Reg. no. 1921.143.1283 (alcohol)

LOCALITY: Pyramid Point, Ascension Is. 40 fm.

COLLECTION: 'Scotia'

### SPATANGOIDA

### URECHINIDAE

*Urechinus* Agassiz, 1879

*Urechinus fragilis* Koehler, 1907:147

HOLOTYPE: Reg. no. 1921.143.1269 (alcohol)

LOCALITY: Stn. 417. 71° 22'S, 16° 34'W. 1410 fm.

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:624, pl. XVI, figs. 159-162. Mortensen, 1950 believed this species to be synonymous with *Urechinus wyvillii* (Agassiz), but did not examine the type-specimen to confirm his belief.

### PALAEOPNEUSTIDAE

*Delopatagus* Koehler, 1907

*Delopatagus brucei* Koehler, 1907:147

HOLOTYPE: Reg. no. 1921.143.1268 (alcohol)

LOCALITY: Stn. 295. 66° 40'S, 40° 35'W. 2425 fm. 10/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:622, pl. XV, figs. 130-135

### SCHIZASTERIDAE

*Abatus* Troschel, 1851

*Abatus elongatus* (Koehler) 1907:147 (as *Hemiaster elongatus*)

SYNTYPES: Reg. no. 1921.143.1266 (4 specimens, alcohol, plus fragments of a 5th specimen)

LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 6-10 fm. 1/2/1904

COLLECTION: 'Scotia'

REMARKS: See also Koehler, 1908:618, pl. XVI, figs. 145-158



## HOLOTHUROIDEA

### ELASIPODA

#### ELPIDIIDAE

##### **Peniagone** Théel, 1882

*Peniagone mossmani* Vaney, 1908:291

HOLOTYPE: Reg. no. 1921.143.1165 (alcohol)

LOCALITY: Stn. 420. 69° 33'S, 15° 19'W. 2620 fm. 21/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Vaney, 1908a: 411, pl. I, figs. 10 and 11; pl. II, fig. 19; pl. III, figs. 32 and 33

*Peniagone piriei* Vaney, 1908:292

HOLOTYPE: Reg. no. 1921.143.1166 (alcohol)

LOCALITY: Stn. 295. 66° 40'S, 40° 35'W. 2425 fm. 10/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Vaney, 1908a:412, pl. I, figs. 4 and 5

*Peniagone wiltoni* Vaney, 1908:292

HOLOTYPE: Reg. no. 1921.143.1161 (alcohol)

LOCALITY: Stn. 420. 69° 33'S, 15° 19'W. 2620 fm. 21/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Vaney, 1908a:413, pl. I, figs. 6 and 7; pl. III, figs. 30 and 31

#### PSYCHROPOTIDAE

##### **Benthodytes** Théel, 1882

*Benthodytes browni* Vaney, 1908:293

HOLOTYPE: Reg. no. 1921.143.1169 (alcohol)

LOCALITY: Stn. 451. 48° 06'S, 10° 05'W. 1742 fm. 13/4/1904

COLLECTION: 'Scotia'

REMARKS: See also Vaney, 1908a:416, pl. I, figs. 2 and 3

*Benthodytes recta* Vaney, 1908:293

SYNTYPES: Reg. no. 1921.143.1170 (3 specimens, alcohol)

LOCALITY: Stn. 291. 67° 33'S, 30° 35'W. 2500 fm. 7/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Vaney, 1908a:417, pl. II, fig. 23; pl. III, figs. 37 and 38

*Benthodytes spuma* Vaney, 1908:292

HOLOTYPE: Reg. no. 1921.143.1168 (alcohol)

LOCALITY: Stn. 420. 69° 33'S, 15° 19'W. 2620 fm. 20/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Vaney, 1908a:414, pl. I, fig. 1; pl. II, fig. 20

**Euphronides** Théel, 1881

*Euphronides scotiae* Vaney, 1908:293

HOLOTYPE: Reg. no. 1921.143.1171 (alcohol)

LOCALITY: Stn. 313. 62° 10'S, 41° 20'W. 1775 fm. 18/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Vaney, 1908a:418, pl. I, figs. 8 and 9; pl. III, figs. 39 and 40

**Psychropotes** Théel, 1882

*Psychropotes brucei* Vaney, 1908:294

HOLOTYPE: Reg. no. 1921.143.1174 (alcohol)

LOCALITY: Stn. 291. 67° 33'S, 30° 35'W. 2500 fm. 7/3/1903

COLLECTION: 'Scotia'

REMARKS: See also Vaney, 1908a:422, pl. I, fig. 13; pl. II, figs. 21 and 22; pl. III, figs. 41 and 42

*Psychropotes laticauda* Vaney, 1908:294

HOLOTYPE: Reg. no. 1921.143.1173 (alcohol)

PARATYPE: Reg. no. 1921.143.1173 (alcohol)

LOCALITIES: (a) Stn. 290. 67° 39'S, 36° 10'W. 2500 fm. 6/3/1904 (Holotype)

(b) Stn. 468. 39° 48'S, 2° 33'E. 2645-2900 fm. 29/4/1904 (Paratype)

COLLECTION: 'Scotia'

REMARKS: See also Vaney, 1908a:420, pl. II, figs. 14 and 24

*Psychropotes longicauda* Théel, var. *antarctica* Vaney, 1908:294

HOLOTYPE OF VARIETY: Reg. no. 1921.143.1172 (alcohol)

LOCALITY: Stn. 417, 71° 22'S, 16° 34'W. 1410 fm. 18/3/1904

COLLECTION: 'Scotia'

REMARKS: See also Vaney, 1908a:419

ASPIDOCHIROTA  
SYNALLACTIDAE

*Synallactes* Ludwig, 1893

*Synallactes robertsoni* Vaney, 1908:291

HOLOTYPE: Reg. no. 1921.143.1163 (alcohol)  
LOCALITY: Stn. 295. 66° 40'S, 40° 35'W. 2425 fm. 10/3/1903  
COLLECTION: 'Scotia'  
REMARKS: See also Vaney, 1908a:408, pl. III, figs. 34-36

DENDROCHIROTA  
CUCUMARIIDAE

*Cucumaria* Blainville, 1830

[*Cucumaria analis*] Vaney, 1908:298 (transferred to *Cucumaria attenuata* by Ekman, 1925)

SYNTYPES: Reg. no. 1921.143.1187 (6 specimens, alcohol)  
LOCALITY: Stn. 326. Jessie Bay, South Orkneys, 10 fm. December, 1904  
COLLECTION: 'Scotia'  
REMARKS: See also Vaney, 1908a:436, pl. V, fig. 63

[*Cucumaria armata*] Vaney, 1908:299 (transferred to *Cucumaria georgiana* by Ekman, 1925)

HOLOTYPE: Reg. no. 1921.143.1188 (alcohol)  
LOCALITY: Port William, Falkland Is. 6 fm. January, 1903  
COLLECTION: 'Scotia'  
REMARKS: See also Vaney, 1908a:435, pl. V, figs. 57 and 58

[*Cucumaria aspera*] Vaney, 1908:297 (transferred to *Cucumaria coatsi* by Ekman, 1925)

HOLOTYPE: Reg. no. 1921.143.1189 (alcohol)  
LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 10 fm.  
April, 1903  
COLLECTION: 'Scotia'  
REMARKS: See also Vaney, 1908a:434, pl. I, fig. 12; pl. IV, figs. 54-56

*Cucumaria coatsi* (Vaney) 1908:295 (as *Psolidium coatsi*)

HOLOTYPE: Reg. no. 1921.143.1177 (alcohol)  
LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm.  
COLLECTION: 'Scotia'  
REMARKS: See also Vaney, 1908a:424, pl. IV, figs. 47-50

*Cucumaria conspicua* Vaney, 1908:297

HOLOTYPE: Reg. no. 1921.143.1190 (alcohol)  
LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm.  
May, 1903  
COLLECTION: 'Scotia'  
REMARKS: See also Vaney, 1908a:433, pl. II, figs. 15 and 16; pl. V, fig. 67

[*Cucumaria croceoida*] Vaney, 1908:299 (transferred to *Cucumaria crocea croceoides* by Ekman, 1925)

HOLOTYPE: Reg. no. 1921.143.1191 (alcohol)  
LOCALITY: Stn. 346. Burdwood Bank. 54° 25'S, 57° 32'W. 56 fm. 1/12/1903  
COLLECTION: 'Scotia'  
REMARKS: See also Vaney, 1908a:435, pl. V, figs. 64-66

*Cucumaria perfida* Vaney, 1908:298

HOLOTYPE: Reg. no. 1921.143.1192 (alcohol)  
LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm.  
April, 1903  
COLLECTION: 'Scotia'  
REMARKS: See also Vaney, 1908a:438, pl. V, figs. 59 and 60

*Cucumaria periprocta* Vaney, 1908:298

HOLOTYPE: Reg. no. 1921.143.1193 (alcohol)  
LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm.  
April, 1903  
COLLECTION: 'Scotia'  
REMARKS: See also Vaney, 1908a:437, pl. V, fig. 62

*Cucumaria psolidiformis* Vaney, 1908:296

HOLOTYPE: Reg. no. 1921.143.1194 (alcohol)  
LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 10 fm.  
June, 1903  
COLLECTION: 'Scotia'  
REMARKS: See also Vaney, 1908a:431, pl. II, figs. 17 and 18; pl. IV, figs. 51-53

*Cucumaria secunda* Vaney, 1908:298

HOLOTYPE: Reg. no. 1921.143.1195 (alcohol)  
LOCALITY: Stn. 325. Scotia Bay, South Orkneys. 60° 43'42"S, 44° 38'33"W. 9-10 fm.  
May, 1903  
COLLECTION: 'Scotia'  
REMARKS: See also Vaney, 1908a:438, pl. V, fig. 61



**Ocnus** Forbes, 1841

*Ocnus insolens* (Théel) 1886:70, pl. 4, fig. 5 (as *Cucumaria insolens*)

SYNTYPES: Reg. no. 1907.223.12 (37 specimens, alcohol)

LOCALITY: Simons Bay, South Africa. 10-20 fm.

COLLECTED: 'Challenger'

**Thyone** Oken, 1815

*Thyone articulata* Vaney, 1908:295

SYNTYPE: Reg. no. 1921.143.1178 (alcohol)

LOCALITY: Stn. 483, Saldanha Bay, South Africa. 9-10 fm. May, 1904

COLLECTION: 'Scotia'

REMARKS: See also Vaney, 1908a:426, pl. IV, figs. 43 and 44

HEMICHORDATA  
PTEROBRANCHIA

**Cephalodiscus** M'Intosh, 1882

*Cephalodiscus agglutinans* Harmer and Ridewood, 1913:533, pls. I and II, text-figs. 1-5

PARATYPES: Reg. no. 1921.143.521 (colonies, alcohol)

LOCALITY: Stn. 346. Burdwood Bank, 54° 25'S, 57° 32'W. 56 fm. 1/12/1903

COLLECTION: 'Scotia'

UROCHORDATA

ASCIDIACEA

ASCIDIIDAE

*Ascidia* Linnaeus, 1767

[*Ascidia patoni*] Herdman, 1881:284, pl. 17, figs. 4-7, (transferred to *Ascidia virginea* by Berrill, 1950)

HOLOTYPE: Reg. no. 1888.36.39 (alcohol)

LOCALITY: Upper end of Loch Long, Firth of Clyde, Scotland. 5 fm.

COLLECTED: W.A. Herdman

REMARKS: See Berrill, 1950:165

MOLGULIDAE

*Fungulus* Herdman, 1882

*Fungulus antarcticus* Herdman, 1912:308, pl., figs. 15-18

HOLOTYPE: Reg. no. 1921.143.525 (alcohol)

LOCALITY: Stn. 301. 64° 48'S, 44° 26'W. 2485 fm. 13/3/1903

COLLECTION: 'Scotia'

REMARKS: Kott, 1969:167 suggests that this species may be synonymous with *Fungulus cinereus*. The only differences between this species and *F. cinereus* are the distances between the muscle bands, a rather unreliable feature.

## REFERENCES

- ADAMS, C.B., 1849. Descriptions of supposed new Helicidae from Jamaica. *Contributions to Conchology* (3): 33-41. New York.
- ALLMAN, G.J., 1883. Report on the Hydroida dredged by H.M.S. Challenger during the years 1873-76. Part 1. Plumulariidae. *Rep. scient. Results Voy. Challenger* (Zool.) 7 (20). 55 p., 20 pls., 3 text-figs.
- , 1888. Ibid. Part 2. The Tubularinae, Corymorphinae, Campanularinae, Sertularinae and Thalamophora. *Rep. scient. Results Voy. Challenger* (Zool.) 23 (70). lxi, 90 p., 39 pls., 1 map.
- BARNARD, K.H., 1932. Amphipoda. *'Discovery' Rep.* 5: 1-326, pl. 1, text-figs. 1-174.
- BELL, F.J., 1908. *National Antarctic Expedition 1901-1904* (Nat. Hist.). 4: Echinoderma 1. 16 p., 5 pls. London, British Museum (Natural History).
- BERRILL, N.J., 1950. *The Tunicata, with an account of the British species.* iv, 354 p., 120 text-figs. London, Ray Society.
- BOISSY, Saint-Ange de, 1835. Hélice cotonneuse. *Helix lanuginosa.* *Magasin Zool., Paris* 5 (Classe 5. Mollusques): [2 p.], pl.69.
- BOULENGER, C.L., 1908. On *Moerisia lyonsi*, a new Hydromedusan from Lake Qurun. *Q. Jl microsc. Sci.* 52: 375-378, pls. 22-23.
- BOWDICH, T.E., 1822. *Elements of Conchology, including the fossil genera.* Part 1. Univalves. 83 p., 19 pls. Paris.
- BOWERBANK, J.S., 1858. On the anatomy and physiology of the Spongiadae. Part 1. On the spicula. *Phil. Trans. R. Soc.* 148: 279-332, pls. 1-4.
- , 1862. Ibid. 3. On the generic characters, the specific characters and the method of examination. *Phil. Trans. R. Soc.* 152: 1087-1135, pls. 1-2.
- , 1869. A monograph of the siliceo-fibrous sponges. *Proc. zool. Soc. Lond.* 1869: 66-100, 323-351, pls. 3-6, 21-25.
- , 1872. Contributions to a general history of the Spongiadae. Part 1. *Proc. zool. Soc. Lond.* 1872: 115-129, pls. 5-6.
- , 1873. Ibid. Part 5. *Proc. zool. Soc. Lond.* 1873: 319-333, pls. 28-31.
- , 1874. Ibid. Part 6. *Proc. zool. Soc. Lond.* 1874: 298-305, pls. 46-47.
- BRADY, G.S., 1907. *National Antarctic Expedition 1901-1904* (Nat. Hist.). 3: Arthropoda. (A) Crustacea. 5. Ostracoda. 9 p., 3 pls. London, British Museum (Natural History).
- BRODERIP, W.J., 1835. Description of two new species of *Buccinum* from the English and Irish seas. *Zool. J.* 5: 44-46, pl. 3, figs. 1-3.
- BRÖLEMANN, H.W., 1922. Myriapods collected in Mesopotamia and N.W. Persia by W. Edgar Evans, B.Sc., late Capt. R.A.M.C. *Proc. R. Soc. Edinb.* 42: 54-74, figs. 1-19.
- BROWN, T., 1827. *Illustrations of the Conchology of Great Britain and Ireland.* viii, v, [116] p., 53 pls. Edinburgh and London.



- [-----], 1836. Description of two new shells. *Edinb. J. nat. Hist. phys. Sci.* 1: 58, text-figs. 1-2.
- , 1844. *Illustrations of the recent Conchology of Great Britain and Ireland, &c.* 2nd edn. xvi, 144 p., 62 pls. London and Edinburgh.
- CALMAN, W.T., 1907. *National Antarctic Expedition 1901-1904* (Nat. Hist.). 2: Crustacea. 2. Cumacea. 6 p., 1 pl., 4 text-figs. London, British Museum (Natural History).
- CARLGREN, O., 1914. On the genus *Porponia* and related genera, Scottish National Antarctic Expedition. *Trans. R. Soc. Edinb.* 50: 49-71, pl. 4, text-figs. 1-4.
- , 1918. Die Mesenterienanordnung der Halcuriiden. *K. fysiogr. Sällsk. Lund Forh. (N.F.)* 29: 1-37, pl. [1], text-figs. 1-25.
- , 1939. Actiniaria and Zoantharia of the Scottish National Antarctic Expedition, 1902-1904. *Trans. R. Soc. Edinb.* 59: 791-800, text-figs. 1-7.
- CARPENTER, G.H., 1898. On Pantopoda collected by Mr. W.S. Bruce in the neighbourhood of Franz-Josef Land, 1896-97. *J. Linn. Soc. (Zool.)* 26: 626-634, pl. 46.
- CARTER, H.J., 1858. Description of a lacustrine Bryozoon allied to *Flustra*. *Ann. Mag. nat. Hist.* (3) 1: 169-171, pl. 7.
- CERNOHORSKY, W.O., 1970. Systematics of the families Mitridae and Volutomitridae (Mollusca: Gastropoda). *Bull. Auckland Inst. Mus.* (8). 190 p., 18 pls., 222 text-figs.
- CHILTON, C., 1912. The Amphipoda of the Scottish National Antarctic Expedition. *Trans. R. Soc. Edinb.* 48: 455-520, pls. 1-2.
- CLARK, A.M., 1962. Asteroidea. *Rep. B. A. N. Z. antarct. Res. Exped.* 89: 1-104, pls. 1-5, text-figs. 1-18.
- , 1970. Notes on the family Amphiuridae (Ophiuroidea). *Bull. Br. Mus. nat. Hist. (Zool.)* 19 (1). 81 p., 11 text-figs.
- CLENCH, W.J., 1947. The genera *Purpura* and *Thais* in the Western Atlantic. *Johnsonia* 2: 61-91, pls. 32-40.
- COX, J.C., 1864. Catalogue of the specimens of the Australian land shells, in the collection of J.C. Cox. (Tasmanian land shells.) 46 p. Sydney.
- CRAVEN, A.E., 1877. Monographie du genre *Sinusigera*, d'Orb. *Annls Soc. malac. Belg.* 12: 105-127, pls. 2-4.
- DARRAGH, T.A., 1969. A revision of the family Columbariidae (Mollusca: Gastropoda) *Proc. R. Soc. Victoria* 83: 63-119, pls. 2-6.
- DAUTZENBERG, P. & FISCHER, H., 1912. Mollusques provenant des campagnes de l'*Hirondelle* et de la *Princesse-Alice* dans les Mers du Nord. *Résult. Camp. scient. Prince Albert I* (37). 629 p., 11 pls.
- DELL, R.K., 1964. Antarctic and Subantarctic Mollusca: Amphineura, Scaphopoda and Bivalvia. *'Discovery' Rep.* 33: 93-250, pls. 2-7, text-figs. 1-4.
- EARLAND, A., 1936. Foraminifera 4. Additional records from the Weddell Sea sector from material obtained by the S.Y. 'Scotia'. *'Discovery' Rep.* 13: 1-75, pl. [1], text-figs. 1-2.

- EKMAN, S., 1925. Holothurien. *Further zool. Results Swed. Antarct. Exped.* 1 (6). 194 p., 37 text-figs.
- ELIOT, C., 1905. The Nudibranchiata of the Scottish National Antarctic Expedition. *Trans. R. Soc. Edinb.* 41: 519-532, text-figs. 1-20.
- EVANS, T.J., 1914. The anatomy of a new species of *Bathydoris*, and the affinities of the genus: Scottish National Antarctic Expedition. *Trans. R. Soc. Edinb.* 50: 191-209, pls. 17-18.
- FARRAN, G.P., 1913. The deep water Asteroidea, Ophiuroidea and Echinoidea of the west coast of Ireland. *Scient. Invest. Fish. Brch Ire.* 1912 (6). 66 p., 2 pls., 17 text-figs.
- FISHER, W.K., 1940. Asteroidea. 'Discovery' Rep. 20: 69-306, pls. 1-23, text-figs. A-M.
- FORBES, E., 1835. Records of the results of dredging. No. 2. Including notices of species of *Patella*, of *Buccinum*, and of *Lima*. *Mag. nat. Hist.* 8: 591-594, text-figs. 61-65.
- , 1838. On the land and freshwater Mollusca of Algiers and Bougia. *Ann. nat. Hist.* 2: 250-255. [pls. 11-12, published 1839.]
- , 1843. On the species of *Neaera* inhabiting the Aegean Sea. *Proc. zool. Soc. Lond.* (11): 75.
- , 1844. Report on the Mollusca and Radiata of the Aegean Sea, and on their distribution, considered as bearing on Geology. *Rep. Br. Ass. Advmt Sci.* 13 (Cork, 1843): 130-193.
- , 1852. Appendix No. 5. On the Mollusca collected by Mr. Macgillivray during the voyage of the 'Rattlesnake'. In: MACGILLIVRAY, J. *Narrative of the voyage of H.M.S. Rattlesnake, ... during the years 1846-50 ...*, &c. 2: 360-386, pls. 2-3. London.
- FRY, W.G. & HEDGPETH, J.W., 1969. The fauna of the Ross Sea, part 7. Pycnogonida 1. Colossendeidae, Pycnogonidae, Endeidae, Ammotheidae. *Mem. N.Z. oceanogr. Inst.* 49 [= *Bull. N.Z. Dep. scient. ind. Res.* 198]. 139 p.
- FUHRMANN, O., 1920. Die Cestoden der Deutschen Südpolar-Expedition, 1901-1903. *Dt. Südpol.-Exped.* 16: 467-524, pls. 1-56, text-figs. 1-123.
- GEMMILL, J.F., 1921. The life-history of *Melicertidium octocostatum* (Sars), a Leptomedusan with a theca-less hydroid stage. *Q. Jl microsc. Sci.* 65: 339-347, pl. 16.
- GIBBS, P.E., 1973. On the genus *Golfingia* (Sipuncula) in the Plymouth area with a description of a new species. *J. mar. biol. Ass. U. K.* 53: 73-86, text-figs. 1-9.
- GMELIN, J.F., 1791. *Systema Naturae ...*, &c. 13th edn. 1 (6): 3021-3910. Lipsiae.
- GORDON, I., 1932. Pycnogonida. 'Discovery' Rep. 6: 1-137, text-figs. 1-75.
- GOULD, A.A., 1852. *United States Exploring Expedition, during the years 1838, 1839, 1840, 1841, 1842.* 12 Mollusca & Shells. xvi, 510 p. Boston, Mass.
- GRAY, J.E., 1867. Notes on the arrangement of Sponges, with the descriptions of some new genera. *Proc. zool. Soc. Lond.* 1867: 492-558, pls. 27-28.

- GRUVEL, A., 1906. Cirrhipèdes du 'Discovery'. *Bull. Mus. Hist. nat., Paris* 12: 270-273.
- , 1907. *National Antarctic Expedition 1901-1904* (Nat. Hist.), 3: Arthropoda. (A) Crustacea. 6. Cirripedia. 4 p., 1 pl. London, British Museum (Natural History).
- HARMER, S.F. & RIDEWOOD, W.G., 1913. The Pterobranchia of the Scottish National Antarctic Expedition (1902-1904). *Trans. R. Soc. Edinb.* 49: 531-563, pls. 1-2, text-figs. 1-5.
- HERDMAN, W.A., 1881. Notes on the British Tunicata, with descriptions of new species. 1. Ascidiidae. *J. Linn. Soc. (Zool.)* 15: 274-290, pls. 14-19.
- , 1912. The Tunicata of the Scottish National Antarctic Expedition, 1902-1904. *Trans. R. Soc. Edinb.* 48: 305-320, pl. 1.
- HODGSON, T.V., 1904. On a new Pycnogonid from the South Polar region. *Ann. Mag. nat. Hist. (7)* 14: 458-462, pl. 14, text-fig. 1.
- , 1907. *National Antarctic Expedition 1901-1904* (Nat. Hist.), 3: Arthropoda. (B) Pycnogonida. 72 p., 10 pls. London, British Museum (Natural History).
- , 1908. The Pycnogonida of the Scottish National Antarctic Expedition, 1902-1904. *Trans. R. Soc. Edinb.* 46: 159-188, pls. 1-3.
- HOLT, E.W.L. & TATTERSALL, W.M., 1906. Preliminary notice of the Schizopoda collected by H.M.S. 'Discovery' in the Antarctic region. *Ann. Mag. nat. Hist. (7)* 17: 1-11.
- HOYLE, W.E., 1912. The Cephalopoda of the Scottish National Antarctic Expedition. *Trans. R. Soc. Edinb.* 48: 273-283, text-figs. 1-9.
- [HWASS, C.H.], 1972. 'Cone'. In: BRUGUIÈRE, J.G. *Encyclopédie Méthodique. Histoire naturelle des Vers* 1: 586-757.
- IREDALE, T., 1937. A basic list of the land Mollusca of Australia. Part 2. *Aust. Zool.* 9 (1): 1-39, pls. 1-3.
- , 1938. Ibid. Part 3. *Aust. Zool.* 9 (2): 83-124, pls. 12-13.
- JACKSON, J.W., 1912. The Brachiopoda of the Scottish National Antarctic Expedition (1902 to 1904). *Trans. R. Soc. Edinb.* 48: 367-390, pls. 1-2.
- JEFFREYS, J.G. & NORMAN, A.M., 1875. Submarine cable fauna. *Ann. Mag. nat. Hist. (4)* 15: 169-176, pl. 12.
- [JOHNSON, C.W.], 1903. *Conus prometheus* Hwass. *Nautilus* 16: 143.
- JONES, C.M. & STEPHEN, A.C., 1955. A new species of Echiuroid worm (*Ochetostoma capensis*) from the Cape Province, South Africa. *Trans. R. Soc. S. Afr.* 34: 273-278, text-figs. 1-3.
- KABATA, Z., 1957. *Lernaocera obtusa* n. sp., a hitherto undescribed parasite of the haddock (*Gadus aeglefinus* L.). *J. mar. biol. Ass. U. K.* 36: 569-592, text-figs. 1-6.
- KEVAN, D.K., 1934. *Limapontia depressa* (A. & H.) var. nov. in Scotland. *J. Conch., Lond.* 20: 16-24, 1 map.



- KING, W., 1847. First series of supplementary notes to a former paper, entitled 'An account of some shells and other invertebrate forms found on the coast of Northumberland and Durham'. *Ann. Mag. nat. Hist.* **19**: 334-340.
- KIRKPATRICK, R., 1907. Preliminary report on the Monaxonellida of the National Antarctic Expedition. *Ann. Mag. nat. Hist.* (7) **20**: 271-291.
- , 1908. *National Antarctic Expedition 1901-1904* (Nat. Hist.). **4**: Porifera. 2. Tetraxonida. 56 p., 19 pls. London, British Museum (Natural History).
- , 1910. Hydrozoa and Porifera. In: CUNNINGHAM, J.T. On the marine fishes and invertebrates of St. Helena. *Proc. zool. Soc. Lond.* **1910**: 127-130, pl. 7.
- KNIGHT-JONES, P., 1973. Spirorbinae (Serpulidae: Polychaeta) from south-eastern Australia. A new genus, four new subgenera and seven new species. *Bull. Br. Mus. nat. Hist. (Zool.)* **24** (4): 230-259, text-figs. 1-9.
- KNUDSEN, J., 1970. The systematics and biology of abyssal and hadal Bivalvia. *Galathea Rep.* **11**. 241 p., 20 pls., 132 text-figs.
- KOEHLER, R., 1907. Astéries, ophiures et échinides recueillis dans les mers australes par la 'Scotia' (1902-1904). *Zool. Anz.* **32**: 140-147.
- , 1908. Astéries, ophiures et échinides de l'expédition antarctique nationale écossaise. *Trans. R. Soc. Edinb.* **46**: 529-649, pls. 1-16.
- , 1922. Echinodermata Ophiuroidea. *Scient. Rep. Australas. Antarct. Exped. (C)* **8** (2). 98 p., 15 pls.
- KORNICKER, L.S., 1975. Antarctic Ostracoda (Myodocopina). *Smithson. Contr. Zool.* (163). 720 p., 9 pls., 432 text-figs.
- KOTT, P., 1969. Antarctic Ascidiacea. *Antarct. Res. Ser.* **13**. xvi, 239 p., 2 pls., 243 text-figs.
- LASERON, C.F., 1957. A new classification of the Australian Marginellidae (Mollusca), with a review of species from the Solanderian and Dampierian zoogeographical provinces. *Aust. J. mar. Freshwat. Res.* **8**: 274-311, text-figs. 1-84.
- LINNAEUS, C., 1758. *Systema Naturae ...*, &c. 10th edn. **1**: 740. Holmiae.
- LINSTOW, V., 1909. Nematodes of the Scottish National Antarctic Expedition, 1902-1904. *Proc. R. Soc. Edinb.* **26**: 464-472, pls. 1-2.
- MADSEN, F.J., 1967. Ophiuroidea. *Rep. B.A.N.Z. antarct. Res. Exped.* **B9**: 121-145, pl. 1, text-figs. 1-8.
- MARTENS, E. von & PFEFFER, G., 1886. Die Mollusken von Süd-Georgien nach der Ausbeute der Deutschen Station 1882-83. *Jb. hamb. wiss. Anst.* **3** [= Beilage zum *Jahresber. naturhist. Mus. Hamb.* **1885**]: 63-135, pls. 1-4.
- MELVILL, J.C. & STANDEN, R., 1900. Report on the Mollusca of the 'Jackson - Harmsworth' Expedition to Franz-Josef Land (1896-97), and of the 'Andrew Coats' Cruise (1898) to Kolguev, etc. *Mem. Proc. Manchr lit. phil. Soc.* **44** (1) no. 4. 14 p., 1 text-fig.
- & ----, 1907. The marine Mollusca of the Scottish National Antarctic Expedition. *Trans. R. Soc. Edinb.* **46**: 119-157, 1 pl.



- & -----, 1912. Ibid. Part 2. Being a supplementary catalogue. *Trans. R. Soc. Edinb.* 48: 333-366, 1 pl.
- & -----, 1914. Notes on Mollusca collected in the north-west Falklands by Mr. Rupert Vallentin, F.L.S., with descriptions of six new species. *Ann. Mag. nat. Hist.* (8) 13: 110-136, pl. 7.
- & -----, 1916. Note on *Trichotropis antarctica* Mely. & St. (non Thiele). *J. Conch., Lond.* 15: 90.
- & -----, 1916a. Description of a new rissoid shell, from the Antarctic region. *J. Conch., Lond.* 15: 120-121, 1 fig.
- MILLARD, N.A.H., 1957. The Hydrozoa of False Bay, South Africa. *Ann. S. Afr. Mus.* 43: 173-243, text-figs. 1-15.
- , 1959. Hydrozoa from the coasts of Natal and Portuguese East Africa. Part 2. Gymnoblastera. *Ann. S. Afr. Mus.* 44: 297-313, text-figs. 1-4.
- , 1964. The Hydrozoa from the south and west coasts of South Africa. Part 2. The Lafoeidae, Syntheceiidae, and Sertulariidae. *Ann. S. Afr. Mus.* 48: 1-56, text-figs. 1-16.
- MONTAGU, G., 1808. *Testacea Britannica, or Natural History of British Shells, &c.* Supplement. vi, 183 p., 14 pls. London.
- MORTENSEN, T., 1928. *A monograph of the Echinoidea. I Cidaroidea.* 551 p., 88 pls., 173 text-figs. Copenhagen.
- , 1936. Echinoidea and Ophiuroidea. *'Discovery' Rep.* 12: 199-348, pls. 1-9, text-figs. 1-53.
- , 1950. *A monograph of the Echinoidea. 5(1) Spatangoida 1.* 432 p., 25 pls., 315 text-figs.
- MURRAY, J., 1905. The Tardigrada of the Scottish lochs. *Trans. R. Soc. Edinb.* 41: 677-698, pls. 1-4.
- , 1907. Scottish Tardigrada collected by the Lake Survey. *Trans. R. Soc. Edinb.* 45: 641-668, pls. 1-4.
- NEALE, J.W., 1969. The freshwater ostracod *Candona harmsworthi* Scott, from Franz Josef Land and Novaya Zemlya. In: NEALE, J.W. (Ed.). *The taxonomy, morphology and ecology of recent Ostracoda:* 222-236, pl. 1. Edinburgh.
- ORBIGNY, A.D.d', 1835. *Voyage dans l'Amérique méridionale, &c.* 5 (3) Mollusques: 27-28. Paris.
- OWEN, R., 1841. Description of a new genus and species of sponge. *Proc. zool. Soc. Lond.* (9): 3-5.
- PAIN, T. & WOODWARD, F.R., 1964. A monograph of the African bivalves of the genus *Pleiodon* Conrad (= *Iridina* authors) (Mollusca - Mutelidae). *Annls Mus. r. Afr. cent. sér. 8<sup>o</sup> (Sci. zool.)* 130. 33 p., 4 pls.
- PEARCEY, F.G., 1914. Foraminifera of the Scottish National Antarctic Expedition. *Trans. R. Soc. Edinb.* 49: 991-1044, pls. 1-2.

- PFEIFFER, L., 1852. Berichtigungen. *Z. Malakozool.* 9: 112.
- PILLAI, T.G., 1970. Studies on a collection of spirorbids from Ceylon, together with a critical review and revision of spirorbid systematics and an account of their phylogeny and zoogeography. *Ceylon J. Sci. (Biol. Sci.)* 8: 100-172, text-figs. 1-13.
- PIXELL, H.L.M., 1913. Polychaeta of the families Serpulidae and Sabellidae collected by the Scottish National Antarctic Expedition. *Trans. R. Soc. Edinb.* 49: 347-358, 1 pl.
- POWELL, A.W.B., 1951. Antarctic and Subantarctic Mollusca: Pelecypoda and Gastropoda. 'Discovery' Rep. 26: 47-196, pls. 5-10.
- , 1960. Antarctic and Subantarctic Mollusca. *Rec. Auckland Inst. Mus.* 5: 117-193.
- RAMAZZOTTI, G., 1972. Il phylum Tardigrada. *Memorie Ist. ital. Idrobiol.* 28. 732 p., 478 text-figs.
- REES, W.J. & THURSFIELD, S., 1965. The hydroid collections of James Ritchie. *Proc. R. Soc. Edinb. (B)* 69: 34-220.
- REEVE, L.A., 1852. *Conchologia Iconica, or illustrations of the shells of molluscos animals.* 7 Monograph of the genus *Helix*: pl. 130. London.
- REID, D.M., 1938. *Gammarus marinus* Leach var. nov. *stoerensis* (Crustacea, Amphipoda). *Ann. Mag. nat. Hist. (11)* 1: 287-289, text-figs. 1-5.
- , 1939. *Hyale ramalhoi*, sp. n. (Crustacea, Amphipoda). *Ann. Mag. nat. Hist. (11)* 3: 29-32, text-figs. 1-2.
- , 1939a. *Melita hergensis* sp. nov. (Crustacea, Amphipoda). *Ann. Mag. nat. Hist. (11)* 4: 278-281, text-figs. a-k.
- , 1940. On *Gammarus (Pectenogammarus) planicrurus*, subgen. et sp. n. (Crustacea, Amphipoda). *Ann. Mag. nat. Hist. (11)* 6: 287-292, 1 pl.
- , 1951. Report on the Amphipoda (Gammaridea and Caprellidae) of the coasts of tropical West Africa. *Atlantide Rep.* 2: 189-291, text-figs. 1-58.
- RENNIE, J., 1906. 'Scotia' collections. On *Echinorhynchus antarcticus*, n. sp. and its allies. *Proc. R. Soc. Edinb.* 26: 437-446, pls. 1-2, text-figs. 1-4.
- & REID, A., 1912. The Cestoda of the Scottish National Antarctic Expedition. *Trans. R. Soc. Edinb.* 48: 441-453, pls. 1-2.
- RITCHIE, J., 1907. The hydroids of the Scottish National Antarctic Expedition. *Trans. R. Soc. Edinb.* 45: 519-545, pls. 1-3.
- , 1907a. On collections of the Cape Verde Islands marine fauna, made by Cyril Crossland, M.A. (Cantab.), B.Sc. (Lond.), F.Z.S., of St. Andrews University, July to September, 1904. - The hydroids. *Proc. zool. Soc. Lond.* 1907: 488-514, pls. 23-26, text-figs. 142-144.
- , 1909. Note on a rare plumularian hydroid, *Cladocarpus formosus*. *Ann. Mag. nat. Hist. (8)* 3: 310-314, text-figs. 1-2.

- , 1909a. New species and varieties of Hydroida Thecata from the Andaman Islands. *Ann. Mag. nat. Hist.* (8) 3: 524-528.
- , 1909b. Supplementary report on the hydroids of the Scottish National Antarctic Expedition. *Trans. R. Soc. Edinb.* 47: 65-101, text-figs. 1-11.
- , 1909c. Two unrecorded 'Challenger' hydroids from the Bermudas, with a note on the synonymy of *Campanularia insignis*. *Zoologist* (4) 13: 260-263.
- , 1910. The marine fauna of the Mergui Archipelago, Lower Burma, collected by Jas. J. Simpson, M.A., B.Sc., and R.N. Rudmose-Brown, D.Sc., University of Aberdeen, February to May 1907. The Hydroids. *Proc. zool. Soc. Lond.* 1910: 799-825, pls. 76-77, text-fig. 79.
- , 1910a. Hydroids from Christmas Island, Indian Ocean, collected by C.W. Andrews, D.Sc., F.R.S., F.Z.S., in 1908. *Proc. zool. Soc. Lond.* 1910: 826-836, text-figs. 80-81.
- , 1911. Hydrozoa (Hydroid zoophytes and Stylasterina) of the 'Thetis' Expedition. *Mem. Aust. Mus.* 4: 807-872, pls. 84-89, text-fig. 126.
- , 1912. Some northern hydroid zoophytes obtained by Hull trawlers; with description of a new species of plumularian. *Proc. R. phys. Soc. Edinb.* 18: 219-230, text-figs. 1-6.
- , 1913. The hydroid zoophytes collected by the British Antarctic Expedition of Sir Ernest Shackleton, 1903. *Proc. R. Soc. Edinb.* 33: 9-34, text-figs. 1-11.
- , 1915. The hydroids of the Indian Museum. 2. *Annulella gemmata*, a new and remarkable brackish-water hydroid. *Rec. Indian Mus.* 11: 541-569, pls. 30, 30a.
- ROBSON, G.C., 1929. *A monograph of the recent Cephalopoda based on the collections in the British Museum (Natural History)*. Part 1. Octopodinae. xii, 236 p., 7 pls., 89 text-figs. London, British Museum (Natural History).
- , 1931. *Ibid.* Part 2. The Octopoda (excluding the Octopodinae). xii, 359 p., 6 pls., 79 text-figs.
- ROCHEBRUNE, A.T. de & MABILLE, J., 1885. Diagnoses de mollusques nouveaux, recueillis par les membres de la mission du Cap Horn et M. Lebrun, Préparateur au Muséum, chargé d'une mission à Santa-Cruz de Patagonie. *Bull. Soc. philomath. Paris* (7) 9 (2): 100-111.
- ROOIJ-SCHUILING, L.A. de, 1972. Systematic notes on the Mesodesmatidae (Mollusca, Bivalvia), and descriptions of a new species and a new subspecies. *Zool. Meded., Leiden* 46: 55-68, text-figs. 1-6.
- SANDERSON, J.M., 1973. A catalogue of the Amphipoda (Crustacea) in the collection of the late D.M. Reid, now in the Royal Scottish Museum, Edinburgh. *R. Scott. Mus. Inf. Ser. (Nat. Hist.)* 1. vi, 79 p.
- SARS, M., 1835. *Beskrivelser og iagttagelser over nogle mærkelige eller nye i havet ved den Bergenske kyst levende dyr af Polypernes, Acalephernes, Radiaternes, Annelidernes og Molluskernes classer, med en kort oversigt over de hidtil af forfatteren sammesteds fundne arter og deres forekommen*. xii, 81 p., 15 pls. Bergen.



- SCHELLENBERG, A., 1931. Gammariden und Caprelliden des Magellangebietes, Südgeorgiens und der Westantarktis. *Further zool. Results Swed. Antarct. Exped.* 2 (6). 290 p., 1 pl., 136 text-figs.
- SCOTT, T., 1899. Report on the marine and freshwater Crustacea from Franz-Josef Land, collected by Mr. William S. Bruce of the Jackson-Harmsworth Expedition. *J. Linn. Soc. (Zool.)* 27: 60-126, pls. 3-9.
- SHERBORN, C.D., 1922. *Index Animalium ... sectio secunda ... 1801-1850.* (1). Introduction, bibliography and index A - Aff. cxxxii, 128 p. London, British Museum (Natural History).
- SIMROTH, H., 1895. Die Gastropoden der Plankton-Expedition. *Ergebn. Plankton-Exped.* 2 F d. 206 p., 22 pls.
- SMALDON, G. & WATT, K.R., 1974. A catalogue of the Sipuncula, Echiura and Priapulida in the collections of the Royal Scottish Museum, Edinburgh. *R. Scott. Mus. Inf. Ser. (Nat. Hist.)* 3. iv, 31 p.
- STEBBING, T.R.R., 1913. Crustacea. Cumacea (Symfoda). *Tierreich* 39. 210 p., 137 text-figs.
- STECHOW, E., 1907. Neue japanische Thecata und Plumularidae aus der Sammlung Dr. Doflein. *Zool. Anz.* 32: 192-200.
- , 1913. Neue Genera Thecaten Hydroiden aus der Familie der Lafoeiden und neue Species von Thecaten aus Japan. *Zool. Anz.* 43: 137-144.
- , 1923. Zur Kenntnis der Hydroiden Fauna des Mittelmeeres, Amerikas und anderer Gebiete. 2. *Zool. Jb. (Syst.)* 47: 29-270, text-figs. 1-25.
- STEPHEN, A.C., 1931. A new sipunculid worm (*Phascolosoma cluthensis*, sp. nov.) from the Firth of Clyde. *Scott. Nat.* 1931: 59-61, text-figs. 1-2.
- , 1942. The South African intertidal zone and its relation to ocean currents. Notes on the intertidal sipunculids of Cape Province and Natal. *Ann. Natal Mus.* 10 (2): 245-256, pl. 11.
- & EDMONDS, S.J., 1972. *The phyla Sipuncula and Echiura.* 528 p., 60 text-figs. London, British Museum (Natural History).
- & ROBERTSON, J.D., 1952. A preliminary report on the Echiuridae and Sipunculidae of Zanzibar. *Proc. R. Soc. Edinb. (B)* 64: 426-444, 1 pl., text-figs. 1-2.
- STEPHENS, J., 1915. Atlantic sponges collected by the Scottish National Antarctic Expedition. *Trans. R. Soc. Edinb.* 50: 423-467, pls. 38-40.
- STREBEL, H., 1907. Beiträge zur Kenntnis der Molluskenfauna der Magalhaen-Provinz. Part 5. *Zool. Jb. (Syst.)* 25: 79-196, pls. 1-8.
- , 1908. Die Gastropoden. *Wiss. Ergebn. schwed. Südpolarexped.* 6 (1). 111 p., 6 pls.
- TATTERSALL, W.M., 1908. *National Antarctic Expedition 1901-1904* (Nat. Hist.) 4: Arthropoda. (A) Crustacea. 7. Schizopoda. 41 p., 8 pls. London, British Museum (Natural History).



- , 1913. The Schizopoda, Stomatopoda and non-Antarctic Isopoda of the Scottish National Antarctic Expedition. *Trans. R. Soc. Edinb.* **49**: 865-894, 1 pl.
- THÉEL, H., 1886. Report on the Holothuroidea dredged by H.M.S. Challenger during the years 1873-76. Part 2. *Rep. scient. Results Voy. Challenger (Zool.)* **14** (39), 290 p., 16 pls.
- THIELE, J., 1912. Die antarktischen Schnecken und Muscheln. *Dt. Südpol.-Exped.* **13**: 183-285, 9 pls.
- THOMSON, J.A., 1906. 'Scotia' collections: Scottish Antarctic Expedition's report on the Antipatharians. *Proc. R. phys. Soc. Edinb.* **16**: 76-79, 1 table.
- , 1909. Antipatharians of the Scottish National Antarctic Expedition. *Rep. scient. Results Scott. natn. antarct. Exped.* **5**: 189-192.
- & FIDDES, J.D., 1906. Note on a rare sponge from the 'Scotia' collection. *Proc. R. phys. Soc. Edinb.* **16**: 231-232.
- & RITCHIE, J., 1905. The alcyonarians of the Scottish National Antarctic Expedition. *Trans. R. Soc. Edinb.* **41**: 850-860, pls. 1-2.
- THOMSON, W., 1869. On *Holtenia*, a genus of vitreous sponges. *Phil. Trans. R. Soc.* **159**: 701-720, pls. 67-71.
- THURSTON, M.H., 1972. The Crustacea Amphipoda of Signy Island, South Orkney Islands. *Scient. Rep. Br. Antarct. Surv.* (71), 133 p.
- TOMLIN, J.R. le B., 1937. Catalogue of recent and fossil cones. *Proc. malac. Soc. Lond.* **22**: 205-330.
- TOPSENT, E., 1909. Étude sur quelques *Cladorhiza* et sur *Euchelipluma pristina* n. g. et n. sp. *Bull. Inst. océanogr. Monaco* (151), 23 p., 2 pls.
- , 1910. Les Hexasterophora recueillies par la *Scotia* dans l'Antarctique. *Bull. Inst. océanogr. Monaco* (166), 18 p.
- , 1913. Spongiaires de l'Expédition Antarctique Nationale Écossaise. *Trans. R. Soc. Edinb.* **49**: 579-643, pls. 1-6.
- TOTTON, A.K., 1930. Coelenterata. Part 5. Hydroida. *Nat. Hist. Rep. Br. Antarct. Terra Nova Exped. (Zool.)* **5**: 131-252, pls. 1-3, text-figs. 1-70.
- TURNER, R.D., 1948. The family Tonnidae in the Western Atlantic. *Johnsonia* **2**: 165-192, pls. 74-85.
- VANEY, C., 1908. Les Holothuries recueillies par l'Expédition antarctique écossaise. *Zool. Anz.* **33**: 290-299.
- , 1908a. Les Holothuries de l'Expédition Antarctique Nationale Écossaise. *Trans. R. Soc. Edinb.* **46**: 405-441, pls. 1-4.
- & JOHN, D.D., 1939. Scientific results of the voyage of S.Y. 'Scotia', 1902-04: The Crinoidea. *Trans. R. Soc. Edinb.* **59**: 661-672, 1 pl., text-figs. 1-3.
- VERVOORT, W., 1959. The Hydroida of the tropical west coast of Africa. *Atlantide Rep.* **5**: 211-325, text-figs. 1-57.

- WALKER, A.O., 1906. Preliminary descriptions of new species of Amphipoda from the 'Discovery' Antarctic Expedition, 1902-1904. *Ann. Mag. nat. Hist.* (7) 18: 13-18, 150-154.
- WILSON, J., 1831. *Illustrations of Zoology, being representations of new, rare, or remarkable subjects of the Animal Kingdom, &c.* [iv], ii, 4, [138] p., 36 pls. Edinburgh and London.
- WILTON, D.W. et al., 1908. Zoological log of S.Y. Scotia, 1902-04. *Rep. scient. Results Scott. natn. antarct. Exped.* 4: 1-133, pls. 1-33, 2 maps, 100 photographs.

## INDEX TO GENERA, SPECIES AND VARIETIES

	Page		Page
Abatus	84	Ampelisca	63
abbreviata, Cuspidaria	54	Amphilepis	81
abbreviata, Neaera	54, 55	Amphiophiura	81
abbreviatum, Nymphon piliferum var.	59	Amphioplus	80
abbreviatus, Lophaster	77	Amphisbetia	18
Abietinaria	18	Amphiura	80, 81
abyssicola, Lacuna	37	Amussium	51
Acanthonotozoma	63	analis, Cucumaria	87
Acetabulastoma	60	Anasterias	79
Acoelocalyx	2	anceps, Ophioglypha	83
Acryptolaria	14	anceps, Ophiurolepis	83
Actinernus	27	ancoratus, Docosaccus	3
acuminata, Buccinum undatum var.	43	anechinata, Podocoryne	12
acutissimum, Buccinum	43	anglicanum, Buccinum	43
adpressa, Sertularella	20	angusti, Hypsibius (Isohypsibius)	57
adpressus, Symplectoscyphus	20	angusti, Macrobiotus	57
adriani, Antedon	74	angustissima, Metaxia	39
adriani, Anthometra	74	angustissimum, Cerithium	39
aequicornis, Ampelisca	63	annandalei, Lytocarpus	23
aeruginosus spinosior, Lithobius	70	annulatus, Hypsibius (Isohypsibius)	57
agglutinans, Cephalodiscus	90	annulatus, Macrobiotus	57
Aglaophenia	20, 21	Annulella	11
Aglaria	21	Anomalisipho	44
alata, Homoeodictya	6	anonyma, Siphonochalina	9
algida, Colpospirella	39	antarctica, Amphilepis	81
algida, Turritella	39	antarctica, Campanularia	16
Alicella	67	antarctica, Campanularia volubilis var.	16
allmani, Cladocarpus crenatus var.	22	antarctica, Campylaspis	62
Ammothea	59	antarctica, Campylaspis verrucosa var.	62

	<i>Page</i>		<i>Page</i>
antarctica, Diaphana	46	arboriformis, Cryptolaria	14
antarctica, Porponia	27	Arca	50
antarctica, Psychropotes longicauda var.	86	archibenthale, Probuccinum	44
antarctica, Retusa	46	archibenthalis, Chrysodomus (Sipho)	44
antarctica, Seba	68	Arcoscalpellum	62
antarctica, Sicyonis	27	arctica, Herpetocypris	61
antarctica, Trichotropis	42	arcuarius, Gellius	5
antarctica, Tugalia	35	armata, Brucella	16
antarcticum, Pentanymphon	59	armata, Cucumaria	87
antarcticus, Actinernus	27	armata, Zygophylax	16
antarcticus, Echinorhynchus	30	articulare, Nymphon	58
antarcticus, Fungulus	91	articulata, Thyone	89
antarcticus, Luidiaster	76	Ascaris	29
antarcticus, Marcelaster	76	Ascidia	91
antarcticus, Metalaespira	56	aspera, Cucumaria	87
antarcticus, Proboloides	68	aspergillum, Euplectella	3
antarcticus, Spirorbis (Paralaeospira)	56	assimile, Chaetonymphon	58
antarcticus, Utriculus	46	assimilis, Philomedes	60
Antarcturus	63	Asterias	79
Antedon	74	atlantidea, Aora	64
Antennella	21	attenuata, Cucumaria	87
Antennopsis	22	attenuata, Ganeria	76
Antennularia	21	Atyloides	68
Anthometra	74	augusti, Macrobiotus	57
Aora	64	australe, Chaetonymphon	58
Apomatus	56	australe, Leionymphon	59
appendiculata, Duvaucelia	48	australe, Nymphon	58
appendiculata, Tritonia	48	australis, Acanthonotozoma	63
arboriformis, Acryptolaria	14	australis, Acryptolaria conferta var.	14



	Page		Page
australis, Balea	46	brownei, Laodicea	13
australis, Bathypanoploea	63	browni, Benthodytes	85
australis, Coelocion	46	brownii, Apomatus	56
australis, Cryptolaria conferta var.	14	brownii, Bathydoris	48
australis, Haliragoides	64	bruceana, Trichotropis	42
austrinorum, Chaetonymphon australe var.	58	bruceanus, Trophon	42
averus, Eurystheus	67	brucei, Acoelocalyx	2
		brucei, Anomalisipho	44
Balea	46	brucei, Bittium	40
Bathyarca	50	brucei, Boreomysis	62
Bathydoris	48	brucei, Buccinum	44
Bathydorus	2	brucei, Chaetopleura	35
Bathypanoploea	63	brucei, Cuspidaria	55
Bathypathes	25	brucei, Delopatagus	84
bathyzonatus, Cladocarpus	21	brucei, Diplasterias	78
belgicae, Amphiuira	81	brucei, Epiactis	27
benthocallis, Columbarium	41	brucei, Jocular	40
benthocallis, Fulgurofusus	41	brucei, Ophioglypha	82
Benthoctopus	55	brucei, Ophioplinthus	82
Benthodytes	85, 86	brucei, Polypus	55
benthophila, Lafoea gracillima var.	15	brucei, Psychropotes	86
bifida, Bathypathes	25	brucei, Ptilocrinus	74
Bittium	39, 40	brucei, Stolasterias	78
blochmanni, Liothyrella	73	brucei, Thourarella	26
blochmanni, Liothyrina	73	brucei, Tritoniopsilla	48
Boreomysis	62	Brucella	16
bouvieri, Arcoscalpellum	62	bruuni, Tmetonyx	67
bouvieri, Scalpellum	62	Bubaris	4
Brookula	36	Buccinum	43, 44

	<i>Page</i>		<i>Page</i>
buchanani, <i>Lissodendoryx</i>	7	<i>Cheletropis</i>	42
burdwoodiana, <i>Cerithiopsilla</i>	39	<i>Chitonaster</i>	76
burdwoodianum, <i>Bittium</i>	39	<i>Chlamys</i>	52
		<i>Chrysodomus</i>	44
caciniformis, <i>Hydrodendron</i>	17	<i>Cidaris</i>	83
caciniformis, <i>Ophiodes</i>	17	cidaris, <i>Kaliapsis</i>	6
calceolata, <i>Atyloides</i>	68	ciliatus, <i>Bathydorus levis</i> var.	2
<i>Calycella</i>	13	cinereus, <i>Fungulus</i>	91
calypso, <i>Brookula</i>	36	<i>Cladocarpus</i>	21, 22
calypso, <i>Cyclostrema</i>	36	<i>Cladorhiza</i>	4
<i>Calyptophyllum</i>	71	<i>Clathria</i>	4
<i>Campanularia</i>	16, 17	clausi, <i>Ammothea</i> ( <i>Theamoa</i> )	59
campanulatus, <i>Cladocarpus</i>	21	cluthensis, <i>Phascolosoma</i>	32
campanulatus, <i>Hymenaster</i>	77	coatsi, <i>Cucumaria</i>	87
<i>Campylaspis</i>	62	coatsi, <i>Dibothriocephalus</i>	28
<i>Candona</i>	61	coatsi, <i>Malacosaccus</i>	4
capense, <i>Ochetostoma</i>	33	coatsi, <i>Pseudorchomene</i>	67
<i>Cardita</i>	53	coatsi, <i>Psolidium</i>	87
<i>Carditella</i>	53	coatsianum, <i>Cyclostrema</i>	36
carinata, <i>Geodia</i>	5	coatsianum, <i>Lodderia</i>	36
carneum, <i>Eudendrium</i>	13	coatsii, <i>Orchomenopsis</i>	67
carpenteri, <i>Holtenia</i>	3	<i>Coelocion</i>	46
<i>Caulophacus</i>	2	<i>Colossendeis</i>	58
<i>Cephalodiscus</i>	90	<i>Colpospirella</i>	39
<i>Cerithiella</i>	40	<i>Columbarium</i>	41
<i>Cerithiopsilla</i>	39	compressa, <i>Poecillastra</i>	8
<i>Cerithiopsis</i>	39, 40	concentricus, <i>Pecten</i>	51
<i>Cerithium</i>	39	<i>Conchoecia</i>	60
<i>Chaetonymphon</i>	58, 59	concinna, <i>Lictorella</i>	16
<i>Chaetopleura</i>	35	concinna, <i>Savatieria</i>	44

	Page		Page
concinna, Zygophylax	16	crosslandi, Lytocarpus	23
conferta, Acryptolaria	14	crotali, Helix	47
conferta, Cryptolaria	14	crymochara, Volutomitra (Paradmete)	45
congelascens, Cardita	53	Cryptolaria	14, 15
congelascens, Cyclocardia	53	crystallophias, Euphausia	69
consors, Amphioplus	80	Cucumaria	87, 88, 89
consors, Amphiuira	80	cunninghami, Eudendrium	13
conspicua, Cucumaria	88	cupulifera, Anasterias	79
Contraecaecum	28	curvitheca, Zygophylax	16
Conus	45	Cuspidaria	54, 55
Corhiza	22	Cyclocardia	53
coriacea, Laevilitorina	37	Cyclopecten	51
coriacea, Littorina (Laevilitorina)	37	Cyclostrema	36
Corneolitorina	37	cylindrica, Hincksella	18
cornuta, Sertularella polyzonias var.	19	cylindrica, Reniera	9
cornuta, Sertularella quadridens var.	19	cylindrica, Sertularella	18
Corydendrium	11, 12	cymatodes, Onoba	38
Coryne	11	cymodocea, Nemertesia	21
crassa, Buccinum undatum var.	43		
crassicaulis, Acryptolaria	14	Dactylocalyx	2
crassicaulis, Cryptolaria	14	dayi, Siphonosoma (Siphonosoma)	31
crassicostatus, Chrysodomus (Sipho)	44	Delopatagus	84
crassicostatus, Prosipho	44	Dendoryx	5
crateroides, Hebella	15	dendriforme, Corydendrium	11
crenatus, Cladocarpus	22	dendriformis, Soleniopsis	11
cribrosus, Echiniscus (Echiniscus)	57	Dendrostoma	31
quadrispinosus var.	57	densa, Ophiacantha	79
crocea, Cucumaria	88	densus, Hymenaster	77
croceoida, Cucumaria	88	Dentalium	49
croceoides, Cucumaria crocea	88		

	<i>Page</i>		<i>Page</i>
Dentitheca	22	elongatus, Abatus	84
depellens, Petrosia	8	elongatus, Hemiaster	84
depressa pellucida, Limapontia	48	Enteroctopus	55
Dextralia	56	Eometra	74
Diaphana	46	Epiactis	27
Dibothriocephalus	28	Eponides	1
dimorpha, Acryptolaria crassicaulis var.	14	Ervilia	53
dimorpha, Cryptolaria crassicaulis var.	14	Escalima	52
Diphasia	19	Esperiopsis	5
Diphyllbothrium	28	eucharista, Scissurella	35
Diplasterias	78, 79	Eucidaris	83
distans, Sertularia	20	Eudendrium	12, 13
Docosaccus	3	Eudorella	62
dubia, Herpetocypris	61	eupatrides, Dentalium	49
dubium, Coryne	11	Euphausia	69
dufresnii, Melanella	40	Euphronides	86
duodecimcostata, Cardita pallida	53	Euplectella	3
Duvaucelia	48	eureka, Benthoctopus	55
Dytaster	75	eureka, Enteroctopus	55
		Eurystheus	67, 68
echinata, Echiniphimedia	63	Eusirus	65
echinata, Iphimedia	63	evansi, Mecistocephalus	70
Echiniphimedia	63	evansi, Mesoiulus	71
Echiniscus	57	exalbicans, Pseudosuberites	8
Echinorhynchus	30	Expocystis	47
edax, Hymenaster	78	exserta, Cryptolaria	15
edgariana, Rissoa	38		
elongata, Golfingia (Golfingia)	32	facetis, Psilasteropsis	75
elongatum, Buccinum	43	falklandica, Protolaeospira (Dextralia)	56



	Page		Page
falklandicus, Spirorbis (Paradexiospira)	56	giardi, Freyella	78
Farrea	3	gigas, Notaeolidia	49
felix, Dytaster	75	Golfingia	31, 32
fenestratum, Propeamussium	51	Gorgonia	25
fenestratus, Pecten	51	goughensis, Escalima	52
figurata, Ophioglypha	82	goughensis, Lima (Mantellum)	52
filicula, Perisiphonia	15	goughi, Florometra	74
filiformis, Sertularella	19	gracilis, Schraderia	68
filiformis, Symplectoscyphus	19	gracilis, Sertularia distans var.	20
filostria, Rissoa (Onoba)	38	gracillima, Lafoea	15
filostria, Subonoba	38	grandis, Lytocarpus	23
Florometra	74	grandis, Pupina	37
fossipes, Lithobius	70	grandis, Pupinella	37
fragilis, Urechinus	84	Gymnangium	22, 23
Freyella	78		
frigida, Colossendeis	58	Halecium	17
frigida, Ophiacantha	79	Halicornaria	22, 23
fucatus, Hymenaster	78	Haliragoides	64
Fulgurofusus	41	hamrinensis, Thereuonema turkeстана	70
Fungulus	91	Haplophragmoides	1
		harmsworthi, Candona	61
Gaimardia	54	hartlaubi, Antennularia	21
Gammarus	65	Hebella	15
Ganeria	76	Helix	47
gaudens, Cyclostrema	36	Hemiaster	84
gaudens, Munditia	36	hergensis, Melita	65
Gellius	5	Herpetocypris	61
gemmata, Annulella	11	hertwigi, Dentitheca	22
Geodia	5, 6	hertwigi, Plumularia	22
georgiana, Cucumaria	87	heterodonta, Sertularia	20

	<i>Page</i>		<i>Page</i>
hians, Gymnangium	23	informis, Esperioipsis	5
hians, Halicornaria	23	ingalli, Iphiteon	3
hiemale, Nymphon	59	ingrata, Ophiomitrella	80
Hincksella	18	inkermanica, Ostroumovia	11
hirsutimanus, Eurystheus	67	innominata, Conchoecia	60
Hislopia	72	inops, Amphiophiura	81
Holtenia	3	inops, Ophioglypha	81
Homoeodictya	6	inornatus, Scotiaster	77
hoskynsi, Cyclopecten	51	insignis, Campanularia	17
hoskynsi, Pecten	51	insolens, Cucumaria	89
hospitalis, Pachychalina	7	insolens, Ocnus	89
huxleyi, Cheletropis	42	instabilis, Caulophacus	2
Huale	66	integra, Ophioglypha	82
Hydractinia	12	integrum, Calyptophyllum	71
Hydrodendron	17	interpolatum, Halecium	17
Hymedesmia	6	invaginata, Polymastia	8
Hymenaster	77, 78	Iphimedia	63
hyperborea, Acetabulastoma	60	Iphiteon	3
hyperborea, Pontocypris	60	irrorata, Ophiura	82
Hyphalaster	75	Isohypsibius	57
Hypsibius	57		
		Joculator	40
ijimai, Aglaophenia	20	johannae, Chitonaster	76
Ilyanassa	44	jugorum tigriaccola, Lithobius	70
imperfecta, Geodia	5		
impexa, Helix	47	Kaliapsis	6
inconspicua, Helix	47	Kirchenpaueria	24
inconspicua, Pachymatisma	8	kraemmeri, Lembopsis	64
induta, Diplasterias	79	kraemmeri, Microdeutopus	64
inermis, Thaumateson	69		

	Page		Page
Lacuna	37, 40	littoralis, Polymastia	8
lacustris, Hislopia	72	Littorina	37
Laevilitorina	37	Lodderia	36
laevimarginata, Abietinaria	18	longicarpus, Eurystheus	68
laevimarginata, Sertularia	18	longicauda, Psychropotes	86
laevis, Conchoecia serrulata var.	60	Lophaster	77
Lafoea	15	lorioli, Paralophaster	77
lanuginosa, Helix	47	lorioli, Solaster	77
lanuginosa, Trichia	47	ludwigi, Ophiocten	82
Laodicea	13	Luidiaster	76
laticauda, Psychropotes	86	lyonsi, Moerisia	11
laxa, Halicornaria hians var.	23	Lysasterias	79
Leionymphon	59	Lytocarpus	23
Lembopsis	64	Lytoscyphus	17
lenticularis, Ophioglypha	82		
leone, Urothoe	66	macgillivrayi, Helix	47
Lernaeocera	61	macgillivrayi, Papuina	47
Leucophloeus	7	Macgillivrayia	41
levis, Bathydorus	2	Macrobiotus	57
libera, Geodia	5	macroura, Cerithiella	40
Lictorella	16	macroura, Cerithiopsis	40
Lima	52	Maera	65
Limapontia	48	magnifica, Amphioplus	80
Liotella	36	magnifica, Amphiura	80
Liothyrella	73	major, Trophon minutus var.	42
Liothyrina	73	Malacosaccus	4
Lissarca	50	malvinarum, Cerithiopsis	39
Lissodendoryx	7	malvinarum, Mathilda	39
Lithobius	70	Mantellum	52
littoralis, Geodia	6	Marcelaster	76

	Page		Page
marginata, Aglaophenia	20	minor, Cidaris	83
marginatus, Lytoscyphus	17	minutus, Trophon	42
Marginella	45	mitra	45
Marinogammarus	65	miurensis, Sertularella	19
marinus, Gammarus	65	mobile, Diphyllbothrium	28
Mathilda	39	mobilis, Dibothriocephalus	28
Mecistocephalus	70	Modiolarca	54
megalocyathus, Enteractopus	55	Moerisia	11
megalonyx megalonyx, Colossendeis	58	mortenseni, Amphiuira	81
megalonyx orcadense, Colossendeis	58	mossmanni, Peniagone	85
Melanella	40	multicolor, Chlamys	52
Melicertidium	13	multicolor, Pecten	52
Melicertum	13	multiformis, Homoeodictya	6
Melita	65	Munditia	36
melvilli, Tugali	35	murdochi, Tedania	10
melvilli, Tugalia	35	murex, Amphiuira	81
mendosum, Chaetonymphon	59	muricata, Tethea	10
mendosum, Nymphon	59	murrayi, Bubaris	4
meridionale, Cyclostrema	36	mutabilis, Campanularia	16
meridionalis, Munditia	36	mutabilis, Scandia	16
mesembrina, Gaimardia	54	Mya	53
mesembrina, Modiolarca	54	Mycale	7
Mesoiulus	71		
Metalaeospira	56	Nassa	44
Metaxia	39	Nassarius	44
Microciona	7	nasutum, Prothaumatelson	69
Microdeutopus	64	Neaera	54, 55
mimaria, Ophioglypha	82	Nemertesia	21
mimaria, Ophiura	82	nicolii, Conus	45



	Page		Page
nitens, Ervilia	53	Ophioceten	82
nitens, Mya	53	Ophiodes	17
nodaspera, Dendoryx	5	Ophioglypha	81, 82, 83
nodosa, Campanularia	17	Ophiomitrella	80
Notaeolidia	49	Ophioplinthus	82
Notasterias	79	Ophiura	82, 83
notorcadensis, Lacuna	40	Ophiurolepis	83
notorcadensis, Liothyrella uva	73	opulenta, Ophiacantha	80
notorcadensis, Liothyryna uva var.	73	Oradarea	64
notorcadensis, Lissarca	50	orbicularis, Philomedes	60
notorcadensis, Prolacuna	40	orcadense, Chaetonymphon	59
Nymphon	58, 59	orcadense, Colossendeis	58
		orcadense, Colossendeis megalonyx	58
obtusa, Lernaecocera	61	orcadense, Nymphon	59
obvolvatum, Calyptophyllum	71	Orchomenopsis	67
occa, Farrea	3	ornatus, Antarcturus	63
Oceania	13	ossiculata, Ophioglypha	83
Ochetostoma	33	ossiculata, Ophiura	83
Ocnus	89	Ostroumovia	11
octocostata, Oceania	13	Ovirissoa	38
octocostatum, Melicertidium	13		
octocostatum, Melicertum	13	Pachychalina	7
octodecimliratum, Amussium	51	Pachymatisma	8
octodecimliratum, Propeamussium	51	pallida duodecimcostata, Carditella	53
Odontaster	76	Palliolum	52
oligista, Calycella	13	Palythoa	26
Onoba	37, 38	Papuina	47
Ophiacantha	79, 80	Paradexiospira	56
Ophiernus	80	Paradmete	45

	<i>Page</i>		<i>Page</i>
Paralaeospira	56	Phascolion	31
Paralophaster	77	Phascoloides	31
Paramuricea	26	Phascolosoma	32
partita, Ophioglypha	83	Philomedes	60
partita, Ophiurolepis	83	Physcosoma	32
parva, Hymedesmia	6	piliferum, Nymphon	59
parvistellata, Poecillastra compressa var.	8	pinnata, Kirchenpaueria	24
patoni, Ascidia	91	piriei, Peniagone	85
paucilirata, Rissoa (Onoba)	38	Pisidium	54
paucilirata, Subonoba	38	plana, Hebella	15
Pecten	51,52	plana, Hebella striata var.	15
Pectenogammarus	65	planicrusus, Pectenogammarus	65
pectinata, Cryptolaria	14	Pleiodon	52
pectinata, Perisiphonia	14	plenilunium, Pisidium	54
pedicellaris, Asterias	79	plenilunium, Scacchia	54
pedicellaris, Notasterias	79	pluma, Aglaophenia	20
pedunculatus, Malacosaccus	4	Plumularia	22, 24
pelagica, Macgillivrayia	41	Podocoryne	12
pellita, Mycale	7	Poecillastra	8
pellucida, Limapontia depressa	48	Polymastia	8
Peniagone	85	Polypus	55
Pentanympion	59	polyzonias, Sertularella	19
perdentatus, Eusirus	65	Pontocypris	60
perfida, Cucumaria	88	porcellana, Marginella	45
periprocta, Cucumaria	88	porcellana, Mitra (Volutomitra)	45
Perisiphonia	14, 15	Porponia	27
perrieri, Lysasterias	79	Potamethus	56
Petrosia	8	Potamis	56
phakellina, Raspaxilla	9	Primnoella	26

	<i>Page</i>		<i>Page</i>
Primnoisis	25	quadratum, Diphyllbothrium	28
Proboloides	68	quadriaurita, Antennella	21
Probuccinum	44	quadridens, Sertularella	19
profundorum, Yoldia	50	quadrispinosus, Echiniscus (Echiniscus)	57
profundorum, Yoldiella	50	quadrispinus, Ophiernus	80
Prolacuna	40		
prometheus, Conus	45	racemiferus, Lytocarpus	23
Propeamussium	51	radiata, Ascaris	29
Prosipho	44	radiata, Contraaecum	29
Prothaumatelson	69	ramalhoi, Hyale	66
Protolaeospira	56	ramosa, Primnoisis	25
Pseudorchomene	67	raphidotoxa, Clathria	4
Pseudosuberites	8	Raspaxilla	9
Psilasteropsis	75	recta, Benthodytes	85
psolidiformis, Cucumaria	88	rectangula, Ascaris	29
Psolidium	87	rectangula, Contraaecum	29
Psychropotes	86	rectitheca, Amphisbetia	18
pteriola, Palliolum	52	rectitheca, Sertularella	18
pteriola, Pecten	52	Reniera	9
Ptilocrinus	74	reticulata, Sertularella filiformis var.	19
Pupina	37	reticulata, Staurotheca	18
Pupinella	37	Retusa	46
Purpura	42	rhigomaches, Mathilda	39
purpurea, Notaeolidia	49	Rhynchotrochus	47
pusilla, Coryne	11	rimicola, Golfingia (Phascoloides)	31
pusilla, Hincksella cylindrica var.	18	Rissoa	38
pusilla, Sertularella cylindrica var.	18	ritchiei, Hebella	15
pusillus, Odontaster	76	robertsoni, Dendrostoma	31
pygoscelis, Dibothriocephalus	28	robertsoni, Phascolion	31

	Page		Page
robertsoni, Synallactes	87	scotiana, Rissoa (Onoba)	38
robertsoni, Themiste	31	Scotiaster	77
robusta, Paramuricea	26	scoticum, Diphyllbothrium	28
robustus, Styracaster	75	scoticus, Dibothriocephalus	28
roseotincta, Helix	47	Seba	68
rustica, Helix	47	secunda, Cucumaria	88
rusticus, Expocystis	47	septata, Aglaophenia	21
		septata, Aglaria	21
saldanha, Hyale	66	serrulata, Conchoecia	60
saldanhae, Reniera	9	Sertularella	18, 19, 20
Savatieria	44	Sertularia	18, 20
Scacchia	54	sessile, Corydendrium	12
Scalpellum	62	Sicyonis	27
Scandia	16	similis, Eudorella	62
Schraderia	68	similis, Microciona	7
scissa, Ophioglypha	83	simplex, Maera	65
scissa, Ophiurolepis	83	Sinusigera	42
Scissurella	35	Sipho	44
scotiae, Alicella	67	Siphonochalina	9
scotiae, Antennopsis	22	Siphonoma	31
scotiae, Caulophacus	2	Solaster	77
scotiae, Corhiza	22	soldanii, Trochammina	1
scotiae, Euphronides	86	Soleniopsis	11
scotiae, Hyphalaster	75	Sphaerium	54
scotiae, Potamethus	56	spinosior, Lithobius aeruginosus	70
scotiae, Potamis	56	Spirorbis	56
scotiae, Primnoella	26	splendidus, Eudorella	62
scotiae, Tedania	10	splendidus, Eusirus	65
scotiana, Ovirissoa	38	spuma, Benthodytes	86



	Page		Page
Staurotheca	18	Themiste	31
stellans, Lophaster	77	Thereuonema	70
stephensoni, Dendrostoma	31	thetidis, Gymnangium	22
stephensoni, Phascolosoma	32	thetidis, Halicornaria	22
stephensoni, Physcosoma	32	thomsoni, Cladorhiza	4
stephensoni, Themiste	31	thornelyi, Diphasia	19
stoerensis, Gammarus marinus var.	65	Thouarella	26
stoerensis, Marinogammarus	65	Thyone	89
Stolasterias	78	tigriaccola, Lithobius jugorum	70
strebeli, Arca (Bathyarca)	50	timoara, Scissurella	35
strebeli, Bathyarca	50	Tmetonyx	67
striata, Hebella	15	Tonna	41
studerii, Gorgonia	25	toxiferum, Stylostichon	9
styliferus, Leucophloeus	7	toxipraedita, Clathria	4
Stylostichon	9	tribuloides, Eucidaris	83
Styracaster	75	Trichia	47
subglobosa, Dactylocalyx	2	Trichotropis	42
Subonoba	38	Tritonia	48
Symplectoscyphus	19, 20	Tritoniopsilla	48
Synallactes	87	Trochammina	1
		Trophon	42
Tedania	10	Tugali	35
tehuelchus, Polypus	55	Tugalia	35
tenuis, Microciona	7	Turbonilla	46
Tethea	10	turkeстана hamrinensis, Thereuonema	70
Tethya	10	Turritella	39
Thais	42		
Thaumatelson	69	undatum, Buccinum	43
Theammaoa	59	unidentata, Oradarea	64

	<i>Page</i>		<i>Page</i>
unilateralis, <i>Lytocarpus grandis</i> var.	23	xenophyes, <i>Turbonilla</i>	46
unilateralis, <i>Plumularia</i>	24	Xymenopsis	42
Urechinus	84		
Urothoe	66	Yoldia	50
Utriculus	46	Yoldiella	50
uva notorcadensis, <i>Liothyrella</i>	73		
		zanzibarense, <i>Ochetostoma</i>	33
vallentini, <i>Nassa (Ilyanassa)</i>	44	zetlandica, <i>Buccinum undatum</i> var.	43
vallentini, <i>Nassarius</i>	44	zetlandicus, <i>Hypsibius (Hypsibius)</i>	57
vallentinianum, <i>Sphaerium</i>	54	zetlandicus, <i>Macrobiotus</i>	57
variolosa, <i>Tedania</i>	10	Zygophylax	16
verdi, <i>Hydractinia</i>	12		
verga, <i>Ampelisca aequicornis</i> var.	63		
verrucosa, <i>Campylaspis</i>	62		
verrucosa, <i>Homoeodictya</i>	6		
vincentina, <i>Epiactis</i>	27		
vincentina, <i>Palythoa</i>	26		
virginea, <i>Ascidia</i>	91		
volubilis, <i>Campanularia</i>	16		
Volutomitra	45		
walkeri, <i>Thaumatelson</i>	69		
waterstoni, <i>Pleidon</i>	52		
weddellensis, <i>Eponides</i>	1		
weddellensis, <i>Haplophragmoides</i>	1		
weddelli, <i>Eometra</i>	74		
wiltoni, <i>Peniagone</i>	85		
wolffi, <i>Hyale</i>	66		
wrighti, <i>Gorgonia</i>	25		
wyvillii, <i>Urechinus</i>	84		









