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*Taihoru Nukurangi*



The Marine Fauna of New Zealand:

## Index to the Fauna: 3. Mollusca

Hamish G. Spencer & Richard C. Willan

*New Zealand Oceanographic Institute Memoir 105*



Cover photo : The endemic New Zealand facelinid nudibranch *Jason mirabilis* Miller,  
photographed at 20 m depth, Tricky Cove, Doubtful Sound.  
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WATER AND ATMOSPHERIC RESEARCH LTD

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3. Mollusca**

by

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## ABSTRACT

A list of all 2510 species and subspecies of Recent and Subrecent Mollusca from New Zealand is given. Each entry is substantiated by a bibliographic reference for the record and its most recent nomenclatural combination. An approximate geographical range is also given for each species. The checklist is followed by a comprehensive, annotated bibliography of publications from 1981–1993. Entries in the bibliography are cross-referenced both by subject and by taxonomic group (in the checklist). The subject headings used are archaeology, aquaculture (including commercial fisheries), biogeography, general biology (including anatomy), ecology, food technology, genetics (including molecular structure, genetic theory and conservation genetics), larval studies, new distributional records, palaeontology, palaeostratigraphy, parasitology, phylogenetics and evolution, medicine, reproductive biology, review papers (including bibliographies and obituaries), taxonomy (including systematics) and ultrastructure.

**Keywords:** New Zealand, Mollusca, checklist, taxonomy, biodiversity, fauna, bibliography



## INTRODUCTION

In 1913 Henry Suter published his *Manual of the New Zealand Mollusca*, ushering in a century of research on New Zealand's molluscan taxonomy. As a result of this work, when the first edition of A.W.B. (Baden) Powell's *The Shellfish of New Zealand* appeared some 24 years later, the New Zealand checklist was vastly different from any which might have been compiled in Suter's time. Many of the species names had changed unrecognisably, and a large number of new species had been described. Through the various editions of Powell's checklist (1937, 1946, 1957, 1962, 1976), both amateurs and professionals with interests in New Zealand's molluscs had been able to keep track of the taxonomic changes. The names used in the fifth of Powell's checklists correspond almost exactly to those appearing in his magnum opus, *New Zealand Mollusca: Marine, Land and Freshwater Shells* (even though this work was not published until 1979 [Willan 1981]).

Powell's manual, like Suter's before it, and as Powell himself hoped in his Preface, stimulated a renewed interest in New Zealand's molluscan fauna. Today there are more people engaged in working on our molluscs than ever before (*see* Mladenov 1993, for example). One almost inevitable consequence of the taxonomic study, however, is a constant changing of the names of species – even very familiar ones – together with a steady flow of new species. As a result, the New Zealand checklist is now substantially different from Powell's final one. This present checklist is designed to supersede Powell's, allowing both professionals and amateurs alike to find and use the name that specialists now consider correct.

The taxonomy in Powell's (1979) manual has been our starting point, so all the species in our list that are mentioned there (i.e., the vast majority) have a reference to the appropriate page in the manual. We have referenced only those few critical taxonomic changes that occurred before the manual's publication. The cutoff date for our checklist is 31 December 1993. (The sole exception is our adherence to ICZN Opinion

1765 of 30 June 1994 [ICZN 1994], because this decision is absolute.) Therefore, all those species newly discovered in, or described from, New Zealand between 1973 and 1993 are fully referenced. Similarly, a reference is included for specific name changes and changes in generic location. (This reference may appear under another species in that genus, however, because a particular paper may not explicitly mention all the species of that genus.)

As compilers, we have had to make several editorial decisions in the course of assembling the checklist. We are conscious of the need for objectivity and have therefore been scrupulous in following the latest taxonomy at the level of genus and species, even though we do not always agree with it and expect further changes with future research. (For example, synonymies are inevitable among the species of volutes recognised by Poppe and Goto (1992).) We consider changes are the province of specialists in particular groups who can offer substantive arguments for the changes they recommend. The few exceptions arise because we have followed the regulations of the ICZN regarding agreement of gender between genus and species. These policies mean that parts of the checklist will continue to show nomenclatural instability, but such instability can be considered as a byproduct of ongoing research.

Selection between competing and sometimes conflicting higher classifications has necessarily been subjective. We have chosen to follow Haszprunar (1988) for the order Cocculiniformia, Hickman and McLean (1990) for the superfamily Trochoidea, Ponder and Warén (1988) for the superorder Caenogastropoda and the subclass Heterobranchia, Taylor *et al.* (1993) for the superfamily Conoidea, Jensen (1993) for the order Sacoglossa, van der Spoel (1976) for the orders Thecosomata and Gymnosomata, Maxwell (1988) for the subclass Paleotaxodonta, and Clarke and Trueman (1988) for the class Cephalopoda. At the family level, we follow Lindberg (1988) for the Nacellidae, Kabat and Hershler (1993) for the

Hydrobiidae, Bouchet and Warén (1993) for the Cerithiopsidae, Bieler (1993) for the Architectonicidae, Gosliner (1985) for the Aeolidiidae, Climo (1977) for the Rhytididae, Bernard (1983) for the Lucinidae, Thyasiridae, Ungulinidae, Lasaeidae, Kelliidae and Montacutidae, and Beu and Maxwell (1990) for the Cunidae and Tellinidae.

Our checklist covers all marine and non-marine molluscs from New Zealand. Powell (1979) followed Suter (1913) in separately listing the introduced non-marine pulmonate species in an appendix. We have included them in our list because these molluscs now form an integral part of the New Zealand fauna.

In contrast, we have decided to exclude tropical Indo-Pacific species (e.g., *Stomatia phymotis* Helbling, *Cypraea cribraria* Linné, *Polinices mammatus* Röding, *P. melanostomoides* (Quoy & Gaimard), *P. conicus* (Lamarck), *Tonna perdx* (Linné), *T. luteostoma* (Küster), *Malea pomum* (Linné), *Chicoreus ramosus* (Linné), *Rapana venosa* Valenciennes, *Linatella caudata* (Gmelin), *Latirus gibbulus* (Gmelin), *Phidiana indica* (Bergh), *Loplia cristagalli* (Linné), *Chama pacifica* Broderip, *Nautilus macromphalus* Sowerby, *N. pompilius* Linné) and temperate Australian species (e.g., *Eunaticina umbilicata* (Quoy & Gaimard), *Fusinus novae-hollandiae* (Reeve)) recorded from New Zealand on the basis of very few specimens because they probably result from the metamorphosis of chance teleplanic larvae in New Zealand waters. There is no evidence that such species have established breeding populations in this country. Neither have we included fossil species, for which admirable checklists already exist (Fleming 1966; Beu & Maxwell 1990).

The geographical area covered by the checklist is that traditionally considered neozelanic, i.e., New Zealand's Exclusive Economic Zone, excluding the Kermadec and Norfolk Ridges. The Kermadec Islands molluscs have historically never been included in New Zealand faunal lists and they are worthy of provincial recognition in their own right.

The format of our checklist follows that of Powell's, especially the latter ones (Powell 1962, 1976). A typical entry can be used to explain the conventions we have used:

TROCHIDAE: TROCHINAE 177, 178, 212, 356  
*Trochus* Linné, 1758 (*T. maculatus* Linné)  
(*Thorista*) Iredale, 1915 (*Polydonta tuberculata*  
Gray in Dieffenbach)  
*viridis* Gmelin, 1791 (P1. 58) A.C.F.M.

This example shows that the species we know as *Trochus viridis* belongs in the subgenus *Thorista* of the genus *Trochus*. It belongs in the family Trochidae, in the subfamily Trochinae. The species was originally described by Gmelin in 1791 in the genus *Trochus*; if it had been erected in another genus the author's name and date would be in brackets. Linné erected the genus *Trochus* in 1758 and the type species of this genus is *Trochus maculatus*, also described by him. The type species of the subgenus *Thorista* (erected by Iredale in 1915) is the species described as *Polydonta tuberculata* by Gray in a publication of Dieffenbach's. As it turns out, this name is a junior synonym of *Trochus viridis*, but this sort of information would only be available in a more detailed synonymy such as that in Powell's (1979) manual on p. 58 (coded as P1. 58 in our checklist). The bibliographic codes are the abbreviations for the references in the Literature Cited section, with the appropriate page also indicated. The codes A., C., F., M., and An. denote Powell's New Zealand zoogeographical provinces. The Aupourian (A.) extends from the Kaipara Harbour, north around North Cape, encompassing the Three Kings Islands and south to East Cape. The Cookian (C.) covers the remainder of North Island and the northern part of the South Island. The Forsterian (F.) comprises Otago, Fiordland, and Stewart Island. The Chatham Islands make up the Moriorian (M.) province, and the Antipodean (An.) covers the subantarctic islands of New Zealand. Although the concept of zoogeographical provinces has severe limitations (especially when applied to deep-water species), these symbols do give some approximation of the geographical range of a species. *Trochus viridis* is thus found around the coasts of North, South, Stewart, and Chatham Islands. Finally, an asterisk (\*) indicates that the species is found almost exclusively below spring low tides. Species inhabiting freshwater habitats are indicated by the abbreviation FW, and land-snails by L; their ranges are denoted by N for the



North Island and S for the South Island, and other islands by standard abbreviations. Species believed to have become extinct in recent geological time are indicated by the word Subrecent. The numbers 177, 178, 212 and 356 after the family and sub-family names are the numbers in the annotated bibliography following the checklist that deal with taxa in that family or subfamily.

The number of species and subspecies in the New Zealand list is currently 2510, distributed among the classes as follows. Powell's (1979) estimate is given in brackets afterwards.

Monoplacophora	1	(0)
Polyplacophora	50	(58)
Aplacophora	1	(1)
Gastropoda	1969	(1778)
Scaphopoda	10	(10)
Bivalvia	389	(359)
Cephalopoda	90	(40)

Although the total has increased by some 264 species-group taxa (about 12% of Powell's total), the change has been unevenly distributed across the classes. The number of cephalopod species recognised in New Zealand waters has more than doubled, accounting for almost one quarter of the increase. The Gastropoda have also seen a large increase, mostly in deepwater species and land snails (even allowing for our inclusion of just over 30 species of non-marine pulmonates). In contrast, the number of chiton species has decreased slightly, with the synonymising of several taxa. Our current total of 2510 is almost certainly an underestimate of the number of biological species present. Bruce A. Marshall of the Museum of New Zealand Te Papa Tongarewa believes that there are several hundred deep-water species unrecorded and undescribed (pers. comm. 1992). Similarly, there are scores of undescribed landsnails (Solem *et al.* 1981).

Following the revised checklist is an annotated bibliography of publications relevant to the New Zealand Mollusca that appeared between the years 1981 and 1993. It follows Willan's (1981) earlier bibliography covering publications between 1973 and 1980 and includes a few papers missed from that compilation. The bibliography lists 826 publications

on archaeology, aquaculture (including commercial fisheries), biogeography, general biology (including anatomy), ecology, food technology, genetics (including molecular structure, genetic theory and conservation genetics), larval studies, new distributional records, palaeontology, palaeostratigraphy, parasitology, phylogenetics and evolution, medicine, reproductive biology, review papers (including bibliographies and obituaries), taxonomy (including systematics) and ultrastructure. The geographical region encompassed by this bibliography corresponds to the present New Zealand Exclusive Economic Zone. That is, it includes the Kermadec Islands as well as the other islands traditionally considered part of New Zealand. As in Willan (1981), an annotation accompanies any publication whose relevance to the New Zealand molluscan fauna is not apparent from its title.

Considerable thought has gone into the selection of articles for inclusion in the bibliography. Our aim has been to include any article that provides significant new information. Monographs and descriptions of new species have all been included as have papers that contain new information on New Zealand species that is likely to be useful to other researchers. Faunal and ecological lists that include a few molluscs have been omitted. Some articles from unrefereed newsletters have been excluded from the bibliography because they are essentially notes. These particular publications are newsletters of shell clubs, *Catch* (which ceased publication at the end of 1988 with vol. 15, no. 11), *Shellfisheries Newsletter* and *Commercial Fishing*. *Tane*, the journal of the Auckland University Field Club (which ceased publication in June 1993 with vol. 34), is treated similarly.

Each of the 826 entries in the bibliography is numbered. The number(s) for publications are indicated besides relevant families or subfamilies in the checklist. For example, in the example given above, publication numbers 177, 178, 212 and 356 deal with the subfamily Trochinae. Indicating the relevance of publications in this way has obviated the need for a separate systematic cross index as was given by the previous bibliography. Cross indexes to subject remain.

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**Class MONOPLACOPHORA**

VEMIDAE 484  
*Micropilina* Warén, 1989 (*M. minuta* Warén)  
*tangaroa* Marshall, 1990 (Mr21. 105) A.\*

**Class POLYPLACOPHORA**  
**Subclass Neoloricata**  
**Order Lepidopleurina**

LEPTOCHITONIDAE 422, 825  
*Leptochiton* Gray, 1847 (*Chiton cinereus* Montagu)  
 (= *Terenochiton* Iredale)  
*fairchildi* (Iredale & Hull, 1929) (P1. 21) An.  
*finlayi* (Ashby, 1929) (P1. 21) A.C.F.\*  
*inquinatus* (Reeve, 1847) (P1. 22) A.C.F.  
*otagoensis* (Iredale & Hull, 1929) (P1. 22) F.  
*subantarcticus* (Iredale & Hull, 1930) (P1. 22; Ka2.  
 160) F.An.\*  
 (*Parachiton*) Thiele, 1909 (*Lepidopleurus acuminatus*  
 Thiele)  
*textilis* (Powell, 1937) (P1. 22; Ka1. 132) A.\*

XYLOCHITONIDAE 309, 414  
*Xylochiton* Gowlett-Holmes & Jones, 1992 (*X. xylophagus*  
 Gowlett-Holmes & Jones)  
*xylophagus* Gowlett-Holmes & Jones, 1992 (Gh2. 38)  
 C.M.\*

HANLEYIDAE 422  
*Hemiarthrum* Carpenter in Dall, 1876 (*H. setulosum*  
 Carpenter in Dall)  
*setulosum* Carpenter in Dall, 1876 (P1. 22; Ka2.160)  
 An.

**Order Ischnochitonina**

ISCHNOCHITONIDAE: ISCHNOCHITONINAE  
 26, 79, 212, 216, 267, 424, 425, 583, 825  
*Ischnochiton* Gray, 1847 (*Chiton textilis* Gray) (= *Simpl-*  
*ischnochiton* Van Belle)  
*circumvallatus* (Reeve, 1847) (P1. 23) F.An.  
*luteoroseus* Suter, 1907 (= *grammifer* Thiele = *mauwsoni*  
 Cotton) (P1. 23; Ka4. 241) A.C.F.An.\*  
*maorianus* Iredale, 1914 (P1. 22) A.C.F.M.  
*Lepidozoma* Pilsbry, 1892 (*Chiton mertensii* von Midden-  
 dorff)  
*beui* O'Neill, 1987 (On4. 131) C.F.\*

ISCHNOCHITONIDAE: CALLOCHITONINAE  
 296, 423, 581  
*Callochiton* Gray, 1847 (*Chiton laevis* Montagu)  
*crocinus* (Reeve, 1847) (P1. 23) A.C.F.  
*empleurus* (Hutton, 1872) (= *subeudoxus* Iredale &  
 Hull) (P1. 23; Ka3. 57) F.An.  
*kapitiensis* Mestayer, 1926 (= *punicens* of authors,  
 not Gould) (P1. 24; On2. 345) C.F.An.  
*mortenseni* Odhner, 1924 (P1. 24) An.

*oligosulcatus* Kaas & Van Belle, 1985 (Ka3. 65)A.\*  
 cf. *perscrutandus* (Iredale & Hull, 1929) (Ka3. 64) C.  
*sulcatus* Suter, 1907 (P1. 24) F.\*  
*Eudoxochiton* Shuttleworth, 1853 (*Acanthopleura*  
*nobilis* Gray in Dieffenbach)  
*nobilis* (Gray in Dieffenbach, 1843) (P1. 24) A.C.F.

SCHIZOCHITONIDAE 347, 825  
*Lorica* H. & A. Adams, 1852 (*Chiton cimolinus* Reeve)  
*haurakiensis* Mestayer, 1921 (P1. 24) A.C.F.  
*Loricella* Pilsbry, 1893 (*Lorica angasi* H. Adams in H.  
 Adams & Angas)  
*profundior* (Dell, 1956) (P1. 25) A.C.F.M.\*

MOPALIIDAE 564  
*Plaxiphora* Gray, 1847 (*Chiton carmichaelis* Gray) (= *Aerilamma* Hull = *Guildingia* Dall = *Diaphoroplax*  
 Iredale = *Moorichiton* Iredale = *Vaferichiton* Ire-  
 dale & Hull)  
*aurata* (Spalowsky, 1795) (= *campbelli* Filhol) (P1. 25;  
 Mg1. 538) An.  
*australis* (Suter, 1907) (P1. 25; Bu3. 44; Ka1. 13) An.  
*biramosa* (Quoy & Gaimard, 1835) (P1. 26; Bu3. 43;  
 Ka1. 17) A.C.F.M.An.  
*boydeni* Murdoch, 1982 (Mh1. 175) C.F.M.An.  
*caelata* (Reeve, 1847) (= *schaumslaudi* Thiele) (P1. 26;  
 Ka1. 20) A.C.F.M.  
*murdochii* Suter, 1905 (P1. 26; Bu3. 44; Ka1. 88) A.C.F.  
*obtecta* Carpenter in Pilsbry, 1893 (P1. 26; Bu3.  
 44; Ka1. 91) A.C.F.  
 (*Frembleya*) H. Adams, 1866 (*F. egregia* H. Adams)  
*egregia* (H. Adams, 1866) (P1. 27; Bu3. 44; Ka1. 41)  
 C.F.

CHITONIDAE: CHITONINAE 26, 149 150,  
 212, 213, 216, 217, 279, 346, 375, 376, 377, 378, 584  
*Chiton* Linné, 1758 (*C. tuberculatus* Linné)  
 (*Anaurochiton*) Thiele in Troschel, 1893 (*C. glaucus* Gray)  
*glaucus* Gray, 1828 (P1. 27; Bu3. 45; Bc1. 167)A.C.F.  
*Rhyssoplax* Thiele, 1893 (*Chiton affinis* Issel)  
*aerea* (Reeve, 1847) (= *huttoni* Suter = *clavata* Suter  
 = *suteri* Iredale) (P1. 27; On5. 84) A.C.F.An.  
*canaliculata* (Quoy & Gaimard, 1835) (P1. 28; On5.  
 82) A.C.F.M.  
*stangeri* (Reeve, 1847) (P1. 28; On5. 86) A.C.F.  
*Sypharochiton* Thiele in Troschel, 1893 (*C. pelliserpentis*  
 Quoy & Gaimard)  
*norangi* (Creese & O'Neill, 1987) (Cr1. 89) A.  
*pelliserpentis* (Quoy & Gaimard, 1835) (= *sinclairi*  
 Gray in Dieffenbach) (P1. 28; B11. 365; Bc2. 291)  
 A.C.F.M.  
*torri* (Suter, 1907) (P1. 29) F.

CHITONIDAE: TONICIINAE 26, 210, 211,  
 212, 580, 582, 715, 825  
*Onithochiton* Gray, 1847 (*Chiton undulatus* Quoy &  
 Gaimard, not Wood) (= *Nodioplax* Beu)  
*neglectus neglectus* Rochebrune, 1881 (= *marmoratus*  
 Wissel = *opimosus* Iredale & Hull = *chathamensis*  
 Dell) (P1. 29; On1. 43; On3. 141) A.C.F.M.An.



*neglectus subantarcticus* Suter, 1907 (P1. 29; On3. 151) An.

### Order Acanthochitonina

ACANTHOCHITONIDAE: ACANTHCHITONINAE  
26, 307, 308, 415, 825

- Acanthochitona* Gray, 1821 (*Chiton fascicularis* Linné)  
*thileniensi* (Thiele, 1909) (P1. 30) A.  
*zelandica* (Quoy & Gaimard, 1835) (P1. 30; Bu17. 333)  
A.C.F.An.  
(*Notoplax*) H. Adams, 1862 (*Cryptoplax speciosa* H.  
Adams)  
*aupouria* (Powell, 1937) (P1. 30) A.\*  
*facilis* (Iredale & Hull, 1931) (P1. 30) A.C.F.  
*latalamina* (Dell, 1956) (P1. 30) C.\*  
*mariae* (Webster, 1908) (P1. 30; Bu17. 333) A.C.F.  
*rubiginosa* (Hutton, 1872) (= *oliveri* Ashby) (P1. 31;  
Bu17. 305) A.C.F.M.\*  
*violacea* (Quoy & Gaimard, 1835) (P1. 31) A.C.F.M.  
*websteri* (Powell, 1937) (P1. 31) A.\*  
*Cryptoconchus* Burrow, 1815 (*Chiton porosus* Burrow)  
*porosus* (Burrow, 1815) (P1. 32) A.C.F.M.  
*Pseudotonicia* Ashby, 1928 (*Tonicia cuneata* Suter)  
*cuneata* (Suter, 1908) (P1. 30; Gh1. 81) A.C.

### Class APLACOPHORA Subclass Solenogastres Order Neomeniomorpha

#### PRONEOMENIIDAE

- Proneomenia* Hubrecht, 1880 (*P. sluiteri* Hubrecht)  
*quincarinata* Ponder, 1970 (P1. 32) C.M.\*

### Class GASTROPODA Subclass Prosobranchia Order Docoglossa

NACELLIDAE 178, 212, 214, 390, 600

- Cellana* H. Adams, 1869 (*Nacella cernica* H. Adams)  
*denticulata* (Martyn, 1784) (P1. 42) A.C.  
*flava* (Hutton, 1873) (P1. 43) C.F.  
*ornata* (Dillwyn, 1817) (P1. 43) A.C.F.  
*radians* (Gmelin, 1791) (P1. 43) A.C.F.  
*stellifera* (Gmelin, 1791) (P1. 44) A.C.F.  
*strigilis strigilis* (Hombron & Jacquinot, 1841) (P1. 44)  
An.  
*strigilis bollonsi* Powell, 1955 (P1. 44) An.  
*strigilis chathamensis* (Pilsbry, 1891) (P1. 44) M.  
*strigilis flemingi* Powell, 1955 (P1. 44) An.  
*strigilis oliveri* Powell, 1955 (P1. 45) An.  
*strigilis redimiculum* (Reeve, 1854) C.F.  
*Nacella* Schumacher, 1817 (*Patella mytilina* Helbling)  
*keruelenensis* (E.A. Smith, 1877) (P1. 42) An.  
(*Patinigera*) Dall, 1905 (*Patella magellanica* Gmelin)  
*macquariensis* Finlay, 1926 (P1. 42) An.  
*terroris* (Filhol, 1880) (P1. 42) An.

LOTTIIDAE 212, 390, 444

- Actinolenca* Oliver, 1926 (*Patella campbelli* Filhol)  
*campbelli campbelli* (Filhol, 1880) (P1. 45) An.  
*campbelli bountyensis* Powell, 1955 (P1. 46) An.\*  
*campbelli macquariensis* (Hedley, 1916) (P1. 46) An.  
*Asteracmea* Oliver, 1926 (*Helcioniscus illibrata* Verco)  
*suteri* (Iredale, 1915) (P1. 47) A.C.F.An.  
*Atalacmea* Iredale, 1915 (*Patella fragilis* Sowerby)  
*fragilis* (Sowerby, 1823) (P1. 49) A.C.F.  
*multilinea* Powell, 1934 (P1. 49) F.  
*Notoacmea* Iredale, 1915 (*Patelloida pileopsis* Quoy & Gai-  
mard) (= *Conacmea* Oliver = *Parvacmea* Iredale =  
*Sabacmea* Oliver)  
*elongata* (Quoy & Gaimard, 1834) (= *daedala* Suter)  
(P1. 48; Pr7. 192) A.C.F.  
*helmsi* (E.A. Smith, 1894) (= *scapha* Suter) (P1. 48)  
A.C.F.  
*parviconoidea* (Suter, 1907) (P1. 48) A.C.F.M.  
*pileopsis pileopsis* (Quoy & Gaimard, 1834) (P1. 47)  
A.C.  
*pileopsis cellanoides* Oliver, 1926 (P1. 47) A.C.  
*pileopsis sturms* (Hombron & Jacquinot, 1841) (P1.  
47) F.An.  
*scopilina* Oliver, 1926 (P1. 49) A.C.  
*subtilis* (Suter, 1907) (P1. 48) A.\*  
(*Thalassacmea*) Oliver, 1926 (*N. (T.) badia* Oliver)  
*badia* Oliver, 1926 (P1. 49) F.  
*Patelloida* Quoy & Gaimard, 1834 (*P. rugosa* Quoy &  
Gaimard)  
*corticata* (Hutton, 1880) (P1. 46) A.C.F.  
*Radiacmea* Iredale, 1915 (*Acmaea cingulata* Hutton)  
*inconspicua* (Gray in Dieffenbach, 1843) (P1. 45)  
A.C.F.M.  
*intermedia* (Suter, 1907) (P1. 45) An.\*

ACMAEIDAE: PECTINODONTINAE 478

- Pectinodonta* Dall, 1902 (*P. arcuata* Dall)  
*aupouria* Marshall, 1985 (= *Maoricrater explorata*  
Powell, 1979, in part, not Dell, 1953) (Mr15. 277)  
A.\*  
*moriaria* Marshall, 1985 (Mr15. 279) F.M.\*

LEPETIDAE 478

- Maoricrater* Dell, 1956 (*Notoacmea explorata* Dell)  
*explorata* (Dell, 1953) (P1. 50, in part; Mr15. 279)  
A.C.F.M.An.\*

### Order Cocculiniformia

COCCULINIDAE 331, 417, 479

- Coccopigya* Marshall, 1986 (*Cocculina spinigera* Jeffreys)  
*crebrilamina* Marshall, 1986 (Mr16. 517) A.C.\*  
*crinita* Marshall, 1986 (Mr16. 514) A.C.F.\*  
*hispidata* Marshall, 1986 (Mr16. 513) A.C.F.\*  
*oculifera* Marshall, 1986 (Mr16. 516) A.C.F.\*  
*Paracocculina* Haszprunar, 1987 (*Cocculina laevis* Thiele)  
*cervae* (Fleming, 1948) (P1. 80; Mr16. 508; Hs1. 320)  
A.C.F.\*

## LEPETELLIDAE

- Tectitater* Dell, 1956 (*Cocculina compressa* Suter)  
*compressa* (Suter, 1908) (P1. 81) A.C.F.M.\*  
*finlayi* (Powell, 1937) (P1. 81) A.\*  
*grandis* Crozier, 1966 (P1. 81) A.\*  
*subcompressa* (Powell, 1937) (P1. 81) A.\*  
*Tectisumen* Finlay, 1926 (*Cocculina clypidellaeformis*  
 Suter)  
*clypidellaeformis* (Suter, 1908) (P1. 80) A.C.F.M. An.\*

## PSEUDOCOCCULINIDAE 333, 479, 510, 512

- Amphiplica* Haszprunar, 1988 (*A. venezuelensis* McLean)  
*knudseni* McLean, 1988 (Mn1. 157; Hs2. 176) C.\*  
*Caymanabyssia* Moskalev, 1976 (*C. spina* Moskalev)  
*rhina* Marshall, 1986 (Mr16. 538) A.\*  
 (*Dictyabyssia*) McLean, 1991 (*C. sinespina* Marshall)  
*sinespina* Marshall, 1986 (Mr16. 539; Mn3. 41)  
 A.C.M.\*  
*Colotrachelus* Marshall, 1986 (*C. hestica* Marshall)  
*hestica* Marshall, 1986 (Mr16. 540) C.\*  
*Copulabyssia* Haszprunar, 1988 (*Cocculina corrugata*  
 Jeffreys)  
*gradata* (Marshall, 1986) (Mr16. 524; Hs2. 176) A.\*  
*Kurilabyssia* Moskalev, 1976 (*K. squamosa* Moskalev)  
*antipodensis* Marshall, 1986 (Mr16. 536) F.\*  
*Mesopelex* Marshall, 1986 (*M. zelandica* Marshall)  
*zelandica* Marshall, 1986 (Mr16. 536) A.\*  
*Notocrater* Finlay, 1926 (*Cocculina craticulata* Suter)  
*craticulata* (Suter, 1908) (P1. 50; Mr16. 526) F.\*  
*gracilis* Marshall, 1986 (Mr16. 530) A.\*  
*Pseudococculina* Schepman, 1908 (*P. rugosoplicata*  
 Schepman)  
*gregaria* Marshall, 1986 (Mr16. 522) F.M.\*  
*Tentaoculus* Moskalev, 1976 (*T. perlucida* Moskalev)  
*haptricola* Marshall, 1986 (Mr16. 534) C.\*  
*lithodicola* Marshall, 1986 (Mr16. 533) C.\*  
*neolithodicola* Marshall, 1986 (Mr16. 534) C.\*

## OSTEOPELTIDAE 332, 480

- Osteopelta* Marshall, 1987 (*O. mirabilis* Marshall)  
*mirabilis* Marshall, 1987 (Mr17. 122) M.\*

## COCCULINELLIDAE 332, 474

- Cocculinella* Thiele, 1909 (*Acumea minutissima* E. A.  
 Smith)  
*kopua* Marshall, 1983 (Mr12. 142) A.\*  
*osteoplila* Marshall, 1983 (Mr12. 140) A.\*

## CHORISTELLIDAE 334, 513

- Choristella* Bush, 1987 (*C. leptalea* Bush)  
*marshalli* McLean, 1992 (Mn4. 278) A.C.M.\*

## Order Vetigastropoda

## SCISSURELLIDAE: SCISSURELLINAE 353, 489, 511

- Incisura* Hedley, 1904 (*Scissurella lytteltonensis* E.A.  
 Smith) (= *Scissurona* Iredale)  
*lytteltonensis* (E.A. Smith, 1894) (P1. 38; Mn2. 5;  
 Mr24. 286) A.C.F.M.An.

- rosae* (Hedley, 1904) (P1. 35) A.C.F.M.An.  
*Scissurella* d'Orbigny, 1824 (*S. laevigata* d'Orbigny)  
*bountyensis* Powell, 1933 (P1. 34) An.\*  
*fairchildi* Powell, 1933 (P1. 34) An.\*  
*manawatawhia* Powell, 1937 (P1. 34) A.\*  
*prendrevillei* Powell, 1933 (P1. 34) M.\*  
*stellae* Fleming, 1948 (P1. 34) F.\*  
*Sinezona* Finlay, 1926 (*Schismope brevis* Hedley)  
*brevis* (Hedley, 1904) (P1. 34) C.M.  
*iota* (Finlay, 1926) (P1. 34) F.An.\*  
*laqueus* (Finlay, 1926) (P1. 34) A.C.F.M.An.\*  
*levigata* (Iredale, 1908) (P1. 35) C.F.M.An.  
*pauperata* Powell, 1933 (P1. 35) M.\*  
*subantarctica* (Hedley, 1916) (P1. 35) An.\*

## SCISSURELLIDAE: ANATOMINAE 353, 489, 511

- Anatoma* Woodward, 1859 (*Scissurella crispata* Fleming)  
*nupouria* (Powell, 1937) (P1. 35) A.\*  
*finlayi* (Powell, 1937) (P1. 36) A.\*  
*mantelli* (Woodward, 1859) (P1. 36) F.\*  
*regia* (Mestayer, 1916) (P1. 36) A.C.F.\*  
*Sukashitrochus* Habe & Kosuge, 1964 (*Scissurella carinata*  
 A. Adams)  
*lyallensis* (Finlay, 1926) (P1. 35; Mn2. 3; Mr24. 286)  
 A.C.F.

## SCISSURELLIDAE: LAROCHEINAE 489

- Larochea* Finlay, 1927 (*L. miranda* Finlay)  
*miranda* Finlay, 1927 (P1. 151; Pr14. 310; Mr24. 287)  
 A.  
*secunda* Powell, 1937 (P1. 151; Mr24. 289) A.\*  
*Larocheopsis* Marshall, 1993 (*L. amplexa* Marshall)  
*amplexa* Marshall, 1993 (Mr24. 291) A.\*

## HALIOTIDAE 36, 49, 50, 126, 133, 134, 135, 212, 255,

- 352, 388, 446, 499, 500, 514, 515, 516, 517, 518, 519,  
 520, 521, 522, 523, 524, 561, 562, 565, 566, 567, 568,  
 611, 639, 667, 668, 671, 672, 673, 674, 675, 676, 677,  
 696, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 755  
*Haliotis* Linné, 1758 (*H. tuberculata* Linné)  
 (*Paau*) Fleming, 1952 (*H. iris* Martyn)  
*iris* Gmelin, 1791 (P1. 36) A.C.F.M.  
 (*Sulculus*) H. & A. Adams, 1854 (*H. incisa* Reeve)  
*australis* Gmelin, 1791 (P1. 37) A.C.F.M.An.  
*virginia virginea* Gmelin, 1791 (P1. 37) C.F.  
*virginia crispata* Gould, 1847 (P1. 37) A.  
*virginia luttoni* Filhol, 1880 (P1. 37) An.  
*virginia morioria* Powell, 1938 (P1. 37) M.

## FISSURELLIDAE: FISSURELLINAE 179, 588

- Emarginula* Lamarck, 1801 (*E. conica* Lamarck)  
*striatula* Quoy & Gaimard, 1834 (P1. 38) A.C.F.M.  
 An.  
*Fissurisepta* Seguenza, 1863 (*Puncturella papillosa*  
 Seguenza)  
*festiva* Crozier, 1966 (P1. 39) A.\*  
*manawatawhia* Powell, 1937 (P1. 39) A.\*  
*Montfortula* Iredale, 1915 (*Emarginula rugosa* Quoy &  
 Gaimard)  
*rugosa* (Quoy & Gaimard, 1834) (P1. 38) C.M.

- Puncturella* Lowe, 1827 (*Patella noachina* Linné)  
 cf. *analoga* Martens, 1903 (P1. 39) M.\*  
*pseudanaloga* Powell, 1957 (P1. 39) An.\*  
*(Vacerrena)* Iredale, 1958 (*P. demissa* Hedley)  
*demissa* Hedley, 1904 (P1. 39) F.An.  
*Scutus* Montfort, 1810 (*S. antipodes* Montfort)  
*antipodes* Montfort, 1810 (= *breviculus* de Blainville)  
 (P1. 40; Cy4. 23) A.C.F.  
*Tugali* Gray in Dieffenbach, 1843 (*T. elegans* Gray in  
 Dieffenbach)  
*colvillensis* Finlay, 1926 (P1. 40) A.C.F.\*  
*elegans* Gray in Dieffenbach, 1843 (P1. 40) A.C.M.  
*stewartiana* Powell, 1939 (P1. 40) F.  
*suteri suteri* (Thiele, 1916) (P1. 40) A.C.M.  
*suteri sutherlandi* Fleming, 1948 (P1. 40) F.\*  
*Zeidora* A. Adams, 1860 (*Z. calceolina* A. Adams)  
*maoria* Powell, 1937 (P1. 39) A.\*
- FISSURELLIDAE: DIODORINAE  
*Monodilepas* Finlay, 1926 (*Lucapina monilifera* Hutton)  
*diemenensis* Finlay, 1930 (P1. 41) A.  
*monilifera monilifera* (Hutton, 1873) (P1. 41) F.  
*monilifera carnleyensis* Powell, 1955 (P1. 41) An.\*  
*monilifera cookiana* Dell, 1953 (P1. 41) C.\*  
*otagoensis* Finlay, 1930 (P1. 41) F.\*  
*skinneri* Finlay, 1928 (P1. 41) M.
- TROCHIDAE: TROCHINAE 177, 178, 212, 356  
*Cantharidella* Pilsbry, 1889 (*Gibbula picturata* A. Adams &  
 Angas)  
*tesselata* (A. Adams, 1851) (P1. 57) A.C.F.  
*Cantharidus* Montfort, 1810 (*C. iris* Montfort)  
*opalus opalus* (Martyn, 1784) (P1. 54) A.C.F.  
*opalus cannoni* Powell, 1933 (P1. 54) M.  
*purpureus* (Gmelin, 1791) (P1. 55) A.C.  
*(Plumbelenchus)* Finlay, 1926 (*Trochus capillaceus*  
 Philippi)  
*capillaceus capillaceus* (Philippi, 1849) (P1. 55) An.  
*capillaceus coruscans* (Hedley, 1916) (P1. 55) An.  
*Clanculus* Montfort, 1810 (*Trochus pharaonius* Linné)  
*(Paraclanculus)* Finlay, 1926 (*P. peccatus* Finlay)  
*peccatus* (Finlay, 1926) (P1. 60) A.  
*Diloma* Philippi, 1845 (*Turbo nigerrimus* Gmelin)  
*arida* (Finlay, 1926) (P1. 53) A.C.F.M.An.  
*nigerrima* (Gmelin, 1791) (P1. 53) A.C.F.M.An.  
*(Cavodiloma)* Finlay, 1926 (*Trochocochlea excavata* A.  
 Adams & Angas)  
*coracina* (Philippi, 1851) (P1. 54) A.C.F.  
*(Fractarmilla)* Finlay, 1926 (*Labio corrosa* A. Adams)  
*bicanaliculata bicanaliculata* (Dunker in Philippi, 1844)  
 (P1. 54; W16. 414) A.C.  
*bicanaliculata lenior* (Finlay, 1926) (P1. 54) C.F.  
*subrostrata subrostrata* (Gray in Yate, 1835) (P1. 53)  
 A.C.F.  
*subrostrata novazelandiae* (Anton, 1838) (P1. 54; W16.  
 414) F.  
*zelandica* (Quoy & Gaimard, 1834) (P1. 53) A.C.F.  
*Fossarina* A. Adams & Angas, 1864 (*F. patula* A. Adams  
 & Angas)  
*rimata* (Hutton, 1884) (P1. 58) A.
- Margarella* Thiele, 1893 (*Trochus expansus* Sowerby)  
*antipoda antipoda* (Hombron & Jacquinot, 1854) (P1.  
 51) An.  
*antipoda linemoa* Powell, 1955 (P1. 51) An.  
*antipoda puysegurensis* Powell, 1939 (P1. 51) F.  
*antipoda rosea* (Hutton, 1873) (P1. 51) F.An.  
*fulminata* (Hutton, 1873) (P1. 51) M.  
*macquariensis* Hedley, 1916 (P1. 51) An.  
*turneri* Powell, 1939 (P1. 51) F.  
*Melagraphia* Gray, 1847 (*Turbo aethiops* Gmelin)  
*aethiops* (Gmelin, 1791) (P1. 53; W16. 414) A.C.F.M.  
*Micrelenchus* Finlay, 1926 (*Trochus sanguineus* Gray in  
 Dieffenbach)  
*caelatus caelatus* (Hutton, 1884) (P1. 55) F.\*  
*caelatus archibenthicola* Dell, 1956 (P1. 55) F.\*  
*caelatus bakeri* Fleming, 1948 (P1. 56) F.  
*caelatus elongatus* (Suter, 1897) (P1. 56) C.  
*caelatus morioria* Powell, 1933 (P1. 56) M.  
*caelatus mortenseni* (Odhner, 1924) (P1. 56) An.  
*dilatatus* (Sowerby, 1870) (P1. 56) A.C.F.M.  
*micans* (Suter, 1897) (P1. 56) F.  
*parcipictus* Powell, 1946 (P1. 56) F.  
*nefozonus* (A. Adams, 1853) (P1. 56) A.C.  
*sanguineus sanguineus* (Gray in Dieffenbach, 1843)  
 (P1. 57) A.C.F.  
*sanguineus cryptus* Powell, 1946 (P1. 57) C.F.\*  
*tenebrosus* (A. Adams, 1853) (P1. 57) A.C.F.M.  
*Thoristella* Iredale, 1915 (*Polydonta chathamensis* Hutton)  
*chathamensis chathamensis* (Hutton, 1873) (P1. 59) M.  
*chathamensis aucklandica* (E.A. Smith, 1902) (P1.59)  
 F.An.  
*chathamensis cookiana* Powell, 1934 (P1. 59) C.  
*chathamensis dunedinensis* (Suter, 1897) (P1. 59) F.  
*chathamensis profunda* Dell, 1956 (P1. 59) F.\*  
*oppressa* (Hutton, 1873) (P1. 60) A.  
*Trochus* Linné, 1758 (*T. maculatus* Linné)  
*(Coelotrochus)* Fischer, 1880 (*T. tiaratus* Quoy & Gai-  
 mard)  
*tiaratus* Quoy & Gaimard, 1834 (P1. 58) A.C.F.M.  
*(Thorista)* Iredale, 1915 (*Polydonta tuberculata* Gray in  
 Dieffenbach)  
*camelophorus* Webster, 1906 (P1. 58) A.  
*viridis* Gmelin, 1791 (P1. 58) A.C.F.M.
- TROCHIDAE: CALLIOSTOMATINAE  
*Calliostoma* Swainson, 1840 (*Trochus conulus* Linné)  
*(Fautor)* Iredale, 1924 (*Zizyphinus comptus* A. Adams)  
*onustum* (Odhner, 1924) (P1. 63) A.\*  
*(Maurea)* Oliver, 1926 (*Trochus tigris* Martyn)  
*benthicola* (Dell, 1950) (P1. 62) C.\*  
*foveauxanum* (Dell, 1950) (= *blacki* Powell) (P1. 63,  
 497; Bu2. 78) F.\*  
*megaloprepes* (Tomlin, 1948) (P1. 63) An.\*  
*multigenmatum* (Powell, 1952) (P1. 62) F.\*  
*osbornei* Powell, 1926 (P1. 62) A.\*  
*pellucidum* (Valenciennes, 1846) (P1. 61) A.C.F.M.  
*punctulatum* (Martyn, 1784) (P1. 62) A.C.F.M.  
*selectum* (Dillwyn, 1817) (P1. 61) A.C.F.  
*spectabile* (A. Adams, 1855) (P1. 63) An.  
*tigris tigris* (Gmelin, 1791) (P1. 60) A.C.F.

*tigris chathamense* (Dell, 1950) (P1. 61) M.  
*turnerarum* (Powell, 1964) (P1. 62) A.\*  
*waikanae* Oliver, 1926 (P1. 62) C.  
*Otukia* Ikebe, 1942 (*Calliostoma kileiziebisi* Otuka)  
*blacki* (Dell, 1956) (P1. 63) A.M.\*

TROCHIDAE: EUCYCLINAE

*Brookula* Iredale, 1912 (*B. stibarochila* Iredale)  
*annectens* Powell, 1937 (P1. 77) A.\*  
*benthicola* Dell, 1956 (P1. 77) F.\*  
*contigua* Powell, 1940 (P1. 77) A.\*  
*prognata* Finlay, 1926 (P1. 77) A.\*  
(*Aequispirella*) Finlay, 1924 (*Scalaria corulum* Hutton)  
*corulum* (Hutton, 1885) (P1. 77) A.C.\*  
*enderbyensis* Powell, 1931 (P1. 78) An.\*  
*finlayi* Powell, 1933 (P1. 78) A.M.\*  
(*Liotella*) Iredale, 1915 (*Liotia polypleura* Hedley)  
*aupouria* (Powell, 1937) (P1. 78) A.\*  
*indigens* (Finlay, 1926) (P1. 78) A.\*  
*mackena* (Dell, 1956) (P1. 79) M.\*  
*polypleura* (Hedley, 1904) (P1. 78) A.C.F.M.An.\*  
*rotula* (Suter, 1908) (P1. 79) A.C.F.An.\*  
*Calliotropis* Seguenza, 1903 (*Trochus otto* Philippi)  
*infundibulum* (Watson, 1879) (Mr6. 531) A.C.\*  
*Danilia* Brusina, 1865 (*Olivia otaviana* Cantraine)  
*insperata* Beu & Climo, 1974 (P1. 52) C.\*  
*Herpetopoma* Pilsbry, 1889 (*Enchelus scabriusculus*  
Angas)  
*bella* (Hutton, 1873) (P1. 52) A.C.M.  
*benthicola* Powell, 1937 (P1. 52) A.\*  
*larochei larochei* (Powell, 1926) (P1. 52) A.  
*larochei alacerrima* Dell, 1956 (P1. 52) C.\*  
*mariae* Finlay, 1930 (P1. 52) A.

TROCHIDAE: SOLARIELLINAE

*Solariella* Wood, 1842 (*S. maculata* Wood)  
(*Microgaza*) Dall, 1881 (*M. rotella* Dall)  
*alabida* Marshall, 1979 (Mr6. 532) A.\*  
(*Zetela*) Finlay, 1926 (*Minolia textilis* Murdoch & Suter)  
*textilis* (Murdoch & Suter, 1906) (P1. 64) A.\*  
*variabilis* (Dell, 1956) (P1. 64) M.\*  
*Spectamen* Iredale, 1924 (*Trochus philippensis* Watson)  
*benthicola* (Powell, 1937) (P1. 64) A.\*  
*luteolum* (Powell, 1937) (P1. 64) A.\*  
*meridiamum* (Dell, 1953) (P1. 64) A.M.\*  
*plicatulum* (Murdoch & Suter, 1906) (P1. 64) A.\*  
*semireticulatum* (Suter, 1908) (P1. 64) C.F.An.\*  
*tryphenense* (Powell, 1930) (P1. 65) A.\*  
*verum* (Powell, 1937) (P1. 64) A.\*

TROCHIDAE: THYSANODONTINAE

*Carinastele* Marshall, 1988 (*C. kristelleae* Marshall)  
*coronata* Marshall, 1988 (Mr19. 222) A.\*  
*jugosa* Marshall, 1988 (Mr19. 222) An.\*  
*kristelleae* Marshall, 1988 (Mr19. 220) C.An.\*  
*Thysanodonta* Marshall, 1988 (*T. aucklandica* Marshall)  
*aucklandica* Marshall, 1988 (Mr19. 217) An.\*  
*wairua* Marshall, 1988 (Mr19. 219) A.\*

TROCHIDAE: TROCHAELIDINAE

*Acremodonta* Marshall, 1983 (*Thoristella crassica*  
Powell)  
*crassica* (Powell, 1937) (P1. 59; Mr11. 127) A.\*

TROCHIDAE: UMBONIINAE

*Antisolarium* Finlay, 1926 (*Solarium egenum* Gould)  
*egenum* (Gould, 1849) (P1. 65) A.C.F.M.  
*Talopena* Iredale, 1918 (*Monilea incerta* Iredale)  
*carmesina* (Webster, 1908) (P1. 60) A.  
*Zethalia* Finlay, 1926 (*Rotella zelandica* Hombro  
& Jacquinot)  
*zelandica* (Hombro & Jacquinot, 1855) (P1. 65; Bu17.  
347) A.C.F.M.

TURBINIDAE: TURBININAE 177, 178, 212

*Astraea* Röding, 1798 (*Trochus imperialis* Gmelin)  
*heliotropium* (Martyn, 1784) (P1. 66) A.C.F.M.\*  
*Bolma* Risso, 1826 (*B. rugosa* Risso)  
(*Ormastraliium*) Sacco, 1896 (*Trochus fimbriatus* Borson)  
(= *Incilaster* Finlay)  
*recens* (Dell, 1967) (P1. 67; Bu7. 32; Mr6. 549; Bu17.  
134) A.\*  
*Cookia* Lesson, 1832 (*Trochus sulcatus* Martyn)  
*sulcata* (Gmelin, 1791) (P1. 67) A.C.F.M.  
*Modelia* Gray, 1850 (*Turbo granosus* Martyn)  
*granosa* (Martyn, 1784) (P1. 66) A.C.F.M.  
*Turbo* Linné, 1758 (*T. petholatus* Linné)  
*smaragdus* Gmelin, 1791 (P1. 66) A.C.F.

TURBINIDAE: COLLONIINAE

*Homalopoma* Carpenter, 1864 (*Turbo sauguineus*  
Linné)  
(*Argalista*) Iredale, 1915 (*Cyclostrema fluctuatum* Hutton)  
*crassica* (Murdoch, 1905) (P1. 67) F.An.\*  
*fluctuata* (Hutton, 1883) (P1. 67) A.C.F.M.An.\*  
*imperforata* (Suter, 1908) (P1. 67) A.C.F.\*  
*micans* (Powell, 1931) (P1. 68) An.\*  
*nana* (Finlay, 1930) (P1. 68) A.\*  
*rotella* (Powell, 1937) (P1. 68) A.\*  
*unbilicata* (Powell, 1926) (P1. 68) C.F.An.\*  
*variecostata* (Powell, 1937) (P1. 68) A.\*

TURBINIDAE: LIOTIINAE

*Munditia* Finlay, 1926 (*Liotina tryphenensis* Powell)  
*anomala* Powell, 1940 (P1. 68) A.  
*aupouria* Powell, 1937 (P1. 69) A.\*  
*delicatula* Powell, 1940 (P1. 69) A.  
*eclinata* Powell, 1937 (P1. 69) A.\*  
*manawatawhia* Powell, 1937 (P1. 69) A.\*  
*owengaensis* Powell, 1933 (P1. 69) M.\*  
*serrata* (Suter, 1908) (P1. 69) A.  
*suteri* (Mestayer, 1919) (P1. 69) An.\*  
*tryphenensis* (Powell, 1926) (P1. 69) A.

SKENEIDAE

*Bathyxylaphila* Marshall, 1988 (*B. excelsa* Marshall)  
*excelsa* Marshall, 1988 (Mr20. 976) A.C.M.\*  
*iota* Marshall, 1988 (Mr20. 979) C.M.\*  
*pusilla* Marshall, 1988 (Mr20. 979) A.\*  
*Cirsonella* Angas, 1877 (*C. australis* Angas)

481

473

482, 557



*consobrina* Powell, 1930 (P1. 70) A.\*  
*densilirata* Suter, 1908 (P1. 70) C.F.An.\*  
*laxa* Powell, 1937 (P1. 70) A.An.\*  
*maoria* (Powell, 1937) (P1. 70) A.\*  
*paradoxa* Powell, 1937 (P1. 70) A.\*  
*parvula* Powell, 1926 (P1. 70) C.\*  
*pisiformis* Powell, 1937 (P1. 70) A.\*  
*propelaxa* Dell, 1956 (P1. 70) M.\*  
*simplex* Powell, 1937 (P1. 71) A.\*  
*variecostata* Powell, 1940 (P1. 71) A.F.\*  
*waikukuensis* Powell, 1937 (P1. 71) A.\*  
*Crosseola* Iredale, 1924 (*Crossea concinna* Angas)  
*bollonsi* Dell, 1956 (P1. 72) A.\*  
*cuvieriana* (Mestayer, 1919) (P1. 73) A.\*  
*errata* Finlay, 1926 (P1. 73) A.\*  
*favosa* Powell, 1937 (P1. 73) A.\*  
*intertexta* Powell, 1937 (P1. 73) A.\*  
(*Dolicrossea*) Iredale, 1924 (*Crossea labiata* Tenison Woods)  
*vesca* Finlay, 1926 (P1. 73) A.C.M.  
*Dillwynella* Dall, 1889 (*Teinostoma (D.) modesta* Dall)  
*haptricola* Marshall, 1988 (Mr20. 955) C.\*  
*ingens* Marshall, 1988 (Mr20. 957) A.C.M.\*  
*lignicola* Marshall, 1988 (Mr20. 950) A.C.M.\*  
*Leptogyra* Bush, 1897 (*L. verrilli* Bush)  
*constricta* Marshall, 1988 (Mr20. 959) A.M.\*  
*patula* Marshall, 1988 (Mr20. 961) A.C.M.\*  
*Leptogyropsis* Marshall, 1988 (*L. kalinovae* Marshall)  
*kalinovae* Marshall, 1988 (Mr20. 965) A.C.F.M.\*  
*kaltanae* Marshall, 1988 (Mr20. 966) A.C.M.\*  
*Lissotesta* Iredale, 1915 (*Cyclostrema micra* Tenison Woods)  
*ambigua* Dell, 1956 (P1. 74) F.M.\*  
*aupouria* Powell, 1937 (P1. 75) A.\*  
*benthicola* Powell, 1927 (P1. 74) F.\*  
*bicarinata* Powell, 1940 (P1. 75) A.\*  
*conoidea* Powell, 1937 (P1. 75) A.\*  
*decipiens* Powell, 1940 (P1. 75) A.C.M.\*  
*errata* Finlay, 1926 (P1. 75) F.M.An.\*  
*granum* (Murdoch & Suter, 1906) (P1. 75) A.\*  
*oblata* Powell, 1940 (P1. 75) A.\*  
*otagoensis* Dell, 1956 (P1. 75) F.\*  
*Lissotestella* Powell, 1946 (*Lissotesta tenuilirata* Powell)  
*caelata* (Powell, 1937) (P1. 76) A.\*  
*consobrina* (Powell, 1940) (P1. 76) A.\*  
*cookiana* Dell, 1956 (P1. 76) C.\*  
*rissoaformis* (Powell, 1931) (P1. 76) F.An.\*  
*tenuilirata* (Powell, 1931) (P1. 76) F.M.An.\*  
*tryphenensis* (Powell, 1931) (P1. 76) A.\*  
*Lodderena* Iredale, 1924 (*Liotia minima* Tenison Woods)  
*formosa* Powell, 1930 (P1. 72) A.\*  
*nana nana* Powell, 1930 (P1. 72) A.\*  
*nana pooki* Fleming, 1948 (P1. 72) F.\*  
*Lodderia* Tate, 1899 (*Liotia lodderae* Petterd)  
*eumorpha eumorpha* (Suter, 1908) (P1. 71) An.\*  
*eumorpha cookiana* (Dell, 1952) (P1. 72) C.M.\*  
*iota* Powell, 1940 (P1. 72) A.\*  
*waitemata* Powell, 1940 (P1. 72) A.  
*Putilla* A. Adams, 1867 (*P. lucida* A. Adams) (= *Notosetia* Iredale)

*aoteana* (Powell, 1937) (P1. 77) A.\*  
*neozelanica* (Suter, 1898) (P1. 76; Pr12.100) C.F.M.An.\*  
*Tasmocrossea* Dell, 1952 (*T. benthicola* Dell)  
*benthicola* Dell, 1952 (P1. 74) C.\*  
*Xyloskenea* Marshall, 1988 (*X. costulifera* Marshall)  
*consors* Marshall, 1988 (Mr20. 972) A.C.F.M.\*  
*costulifera* Marshall, 1988 (Mr20. 969) A.C.F.M.\*  
*depressa* Marshall, 1988 (Mr20. 974) A.\*  
*Zalipais* Iredale, 1915 (*Cyclostrema lissum* Suter, 1908)  
*benthicola* Powell, 1927 (P1. 79) F.An.\*  
*lissa* (Suter, 1908) (P1. 79) A.C.F.M.  
*turneri* Powell, 1939 (P1. 79) F.

SEGUENZIIDAE: SEGUENZIINAE 475, 483, 486,  
 633, 634

*Ancistrobasis* Dall, 1889 (*Basilissa costulata* Watson)  
 cf. *dilecta* Marshall, 1983 (Mr10. 253) A.\*  
*Basilissopsis* Dautzenburg & Fischer, 1897 (*B. watsoni* Dautzenburg & Fischer)  
*regina* (Marshall, 1983) (Mr10. 253; Mr22. 60) A.\*  
*Calliobasis* Marshall, 1983 (*Basilissa bombax* Cotton & Godfrey)  
*miranda* Marshall, 1983 (Mr10. 256) A.\*  
*Carenzia* Quinn, 1983 (*Seguenzia carinata* Jeffreys)  
*fastigiata* Marshall, 1983 (Mr10. 248) C.\*  
*venusta* Marshall, 1983 (Mr10. 248) C.\*  
*Fluxinella* Marshall, 1983 (*F. lepida* Marshall)  
*lenticulosa* Marshall, 1983 (Mr10. 252) A.C.\*  
*lepida* Marshall, 1983 (Mr10. 250) C.\*  
*Hadroconus* Quinn, 1987 (*Basilissa alta* Watson)  
*diadematus* Marshall, 1988 (Mr18. 238) C.\*  
*Quinnia* Marshall, 1988 (*Seguenziella patula* Marshall)  
*patula* (Marshall, 1983) (Mr10. 245) C.\*  
*Seguenzia* Jeffreys, 1876 (*S. formosa* Jeffreys)  
*chelina* Marshall, 1983 (Mr10. 240) A.C.\*  
*compta* Marshall, 1983 (Mr10. 244) C.F.\*  
*conopia* Marshall, 1983 (Mr10. 238) C.F.\*  
*fulgida* Marshall, 1983 (Mr10. 238) C.\*  
*matara* Marshall, 1988 (Mr18. 242) C.\*  
*textilis* Marshall, 1983 (Mr10. 242) A.C.\*  
*transenna* Marshall, 1983 (Mr10. 242) C.\*  
*Seguenziopsis* Marshall, 1983 (*S. bicorona* Marshall)  
*bicorona* Marshall, 1983 (Mr10. 246) A.\*

SEGUENZIIDAE: ASTHELYSINAE 473, 486,  
 633, 634

*Asthelys* Quinn, 1987 (*Basilissa munda* Watson)  
 cf. *simplex* (Watson, 1879) (Mr18. 236) C.\*  
*Thelyssina* Marshall, 1983 (*T. sterrha* Marshall)  
*sterrha* Marshall, 1983 (Mr10. 249) A.\*

SEGUENZIIDAE: GUTTULINAE 483, 486  
*Sericogyra* Marshall, 1988 (*S. metallica* Marshall)  
*metallica* Marshall, 1988 (Mr18. 244) C.\*  
*periglenes* Marshall, 1988 (Mr18. 246) C.\*

## Order Neritopsida

NERITIDAE

212

*Nerita* Linné, 1758 (*N. albicilla* Linné)  
(*Melanerita*) Martens, 1889 (*N. nigra* Gray in Dieffenbach)  
*atramentosa* Reeve, 1855 (= *melanotragnus* E. A. Smith)  
(P1. 80; Cy1. 49) A.C.

#### HYDROCENIDAE

*Georissa* Blanford, 1864 (*Hydroceua pyxis* Benson) (= *Omphalorissa* Iredale)  
*purchasi* (Pfeiffer, 1862) (P1. 80) L:N.S. Three Kings

#### Order Architaenioglossa

#### PUPINIDAE: LIAREINAE 27, 289

*Liarea* Pfeiffer, 1853 (*Realia egea* Gray)  
*auptouria auptouria* Powell, 1954 (P1. 82) L:N.  
*auptouria tara* Powell, 1954 (P1. 82) L:N.  
*bicarinata* (Suter, 1907) (P1. 82) L:N.  
*egea egea* (Gray, 1850) (P1. 82) L:N.  
*egea tessellata* Powell, 1954 (P1. 82) L:N.  
*hochstetteri hochstetteri* (Pfeiffer, 1861) (P1. 83) L:N.  
*hochstetteri alta* Powell, 1954 (P1. 83) L:N.  
*hochstetteri carinella* (Pfeiffer, 1861) (P1. 83) L:N.  
*lepida* (Suter, 1904) (P1. 82) L:N.  
*ornata* Powell, 1954 (P1. 83) L:N.  
*turriculata turriculata* (Pfeiffer, 1855) (P1. 81) L:N.  
*turriculata partula* Powell, 1954 (P1. 82) L:N.  
*turriculata waipoua* Powell, 1954 (P1. 82) L:N.  
*Cytora* Kobelt & Moellendorff, 1897 (*Cyclophora cytora* Gray)  
*ampla* (Powell, 1941) (P1. 86) L:N.  
*annectens* (Powell, 1948) (P1. 86) L: Three Kings  
*aranea* (Powell, 1928) (P1. 86) L:N.  
*calva* (Hutton, 1883) (P1. 85) L:S.  
*chiltoni* (Suter, 1896) (P1. 85) L:S.  
*cytora* (Gray, 1850) (P1. 84) L:N.  
*depressa* Gardner, 1968 (P1. 84) L:S.  
*fasciata* (Suter, 1894) (P1. 84) L:N.  
*filicosta* (Powell, 1948) (P1. 86) L: Three Kings  
*hedleyi* (Suter, 1894) (P1. 84) L:N.  
*hirsutissima* (Powell, 1951) (P1. 86) L: Three Kings  
*liispida* Gardner, 1967 (P1. 86) L:N.  
*kiama* Climo, 1973 (P1. 87) L: Three Kings  
*lignaria* (Pfeiffer, 1857) (P1. 84) L:N.S.  
*pallida* (Hutton, 1883) (= *kerrana* Gardner) (P1. 84) L:N.  
*pamosa* (Hutton, 1883) (P1. 84) L:S.  
*septentrionale* (Suter, 1907) (P1. 85) L:N.  
*solitaria* (Powell, 1935) (P1. 86) L: Three Kings  
*tepakiensis* Gardner, 1967 (P1. 86) L:N.  
*torquilla* (Suter, 1894) (P1. 85) L:N.

#### Order Neotaenioglossa

#### CERITHIIDAE: BITTIINAE 386

*Zebittium* Finlay, 1926 (*Cerithium exilis* Hutton)  
*editum* Powell, 1930 (P1. 132) A.\*  
*exile* (Hutton, 1873) (P1. 132; Hb2. 306) A.C.F.

*laevicordatum* Powell, 1937 (P1. 132) A.\*  
*Tasmalira* Dell, 1956 (*T. wellingtonensis* Dell)  
*vitrea* (Suter, 1908) (P1. 132) C.F.\*

#### BATILLARIIDAE 212, 385, 556

*Zeacumantus* Finlay, 1926 (*Cerithidea subcarinata* Sowerby)  
*lutulentus* (Kiener, 1841) (P1. 131) A.C.  
*subcarinatus* (Sowerby, 1855) (P1. 131) A.C.F.M.

#### MELANOPSIDAE

*Melanopsis* Férussac, 1807 (*Buccinum praerosmum* Linné)  
*trifasciata* Gray in Dieffenbach, 1843 (P1. 130) FW:N.S.

#### PLANAXIDAE 383, 620

*Hinea* Gray, 1847 (*Planaxis mollis* Sowerby)  
*brasiliiana* (Lamarck, 1822) (P1. 130) A.

#### FOSSARIDAE

*Nilsia* Finlay, 1926 (*Fossarus conicus* Odhner)  
*cuvieriana* (Suter, 1908) (P1. 144) A.\*  
*Zeradina* Finlay, 1926 (*Fossarus ovatus* Odhner)  
*odhneri* Powell, 1927 (P1. 144) A.\*  
*ovata* (Odhner, 1924) (P1. 144) A.\*  
*producta* (Odhner, 1924) (P1. 144) A.\*  
(*Radinista*) Finlay, 1926 (*Couthouyia corrugata* Hedley)  
*corrugata* (Hedley, 1904) (P1. 144) F.An.\*  
*scalarina* Powell, 1940 (P1. 144) A.\*

#### TURRITELLIDAE 42

*Maoricolpus* Finlay, 1926 (*Turritella rosea* Quoy & Gaimard)  
*finlayi* Powell, 1940 (P1. 126) A.\*  
*roseus roseus* (Quoy & Gaimard, 1834) (P1. 125) A.C.F.M.  
*roseus manukauensis* Powell, 1931 (P1. 126) C.  
*Vermicularia* Lamarck, 1799 (*V. lunbricalis* Linné)  
*maoriaua* Powell, 1937 (P1. 129) A.\*  
*Zeacolpus* Finlay, 1926 (*Turritella vittata* Hutton)  
*vittatus* (Hutton, 1873) (P1. 126) A.C.  
(*Stiracolpus*) Finlay, 1926 (*Turritella symmetrica* Hutton)  
*ahiparanus* (Powell, 1927) (P1. 126) A.\*  
*ascensus* Marwick, 1957 (P1. 126) M.\*  
*blacki* Marwick, 1957 (P1. 126) C.\*  
*delli* Marwick, 1957 (P1. 127) C.F.\*  
*knoxi knoxi* Marwick, 1957 (P1. 127) M.\*  
*knoxi tardior* Marwick, 1957 (P1. 127) M.\*  
*maorius* (Powell, 1940) (P1. 127) A.\*  
*mixtus* Finlay, 1930 (P1. 127) A.\*  
*pagoda pagoda* (Reeve, 1849) (P1. 127) A.  
*pagoda powelli* Marwick, 1957 (P1. 127) A.\*  
*symmetricus* (Hutton, 1873) (P1. 127) F.

#### VERMETIDAE

*Dendropoma* Mörch, 1861 (*Siphonium (D.) lituella* Mörch) (= *Siphonium* Mörch)  
*planata* (Suter, 1913) (P1. 129) C.  
*squamifera* Ponder, 1967 (P1. 129) A.\*  
*Novastoa* Finlay, 1926 (*Siphonium lamellosum* Hutton)

*lamellosa* (Hutton, 1873) (P1. 129) A.C.M.  
*Serpulorbis* Sassi, 1827 (*S. polyplurigma* Sassi)  
*notearoicus* Morton, 1951 (P1. 128) A.  
*zelandicus* (Quoy & Gaimard, 1834) (P1. 128) A.

SILICULARIIDAE

105

*Tenagodus* Guettard, 1770 (*Serpula anguina* Linné) (= *Siliquaria* Bruguière)  
*maoria* (Powell, 1940) (P1. 130) A.C.\*  
*weldii* (Tenison Woods, 1876) (P1. 130) A.C.M.\*  
*Stephopoma* Mörch, 1860 (*Vermetus roseus* Quoy & Gaimard)  
*rosea* (Quoy & Gaimard, 1834) (P1. 129) A.

LITTORINIDAE: LITTORININAE

54, 212,  
503, 504

*Nodilittorina* Martens, 1897 (*Littorina pyramidalis* Quoy & Gaimard) (= *Austrolittorina* Rosewater)  
*cincta* (Quoy & Gaimard, 1833) (P1. 87; Bd1. 3) A.C.F.M.An.  
*antipodum* (Philippi, 1847) (= *unifasciata antipodum* Philippi) (P1. 87; Bd1. 3; Rd1. 99) A.C.F.M.

LITTORINIDAE: LACUNINAE

212, 643

*Risellopsis* Kesteven, 1902 (*Adeorbis varius* Hutton)  
*varia* (Hutton, 1873) (P1. 88; Rd1. 91) A.C.F.M.

LITTORINIDAE: LAEVILITTORININAE

820

*Laevilittorina* Pfeffer in Martens & Pfeffer, 1886 (*Hydrobia caliginosa* Gould)  
*antipodum* (Filhol, 1880) (P1. 87) An.  
*bifasciata* Suter, 1913 (P1. 88) An.  
*caliginosa* (Gould, 1849) (P1. 87) An.  
(*Macquariella*) Finlay, 1926 (*Paludestrina hamiltoni* E.A. Smith)  
*aucklandica* (Powell, 1933) (P1. 88; Rd1. 92) C.An.  
*delli* (Powell, 1955) (P1. 88; Rd1. 92) An.  
*hamiltoni* (E.A. Smith, 1898) (P1. 88; Rd1. 92) An.  
*macphersonae* (Dell, 1964) (P1. 88; Rd1. 92) An.  
(*Rissolittorina*) Ponder, 1966 (*Zelaxitas alta* Powell)  
*alta* (Powell, 1940) (P1. 88; Rd1. 93) A.

EATONIELLIDAE

24,613, 650

*Crassitoniella* Ponder, 1965 (*C. carinata* Ponder)  
*carinata* Ponder, 1965 (P1. 94) A.  
*thola* (Ponder, 1965) (P1. 90; Pr4. 637) A.\*  
*Eatoniella* Dall, 1876 (*Rissoa kerguelensis* E. A. Smith) (= *Abscindostoma* Ponder = *Albitoniella* Ponder = *Cerostraca* Oliver = *Dardaniops* Ponder = *Dardamula* Iredale = *Pellax* Finlay)  
*ainsworthii* (Hedley, 1916) (P1. 114; Pr10. 8) An.  
*albocolumella* Ponder, 1965 (P1. 90) A.C.M.  
*atervisceralis* Ponder, 1965 (P1. 91) A.C.F.M.  
*atropurpurea* (Frauenfeld, 1867) (= *minutocrassa* Ponder) (P1. 92; Pr4. 614) A.C.F.M.  
*bathami* Ponder, 1965 (P1. 90) F.  
*caliginosa* (E. A. Smith, 1875) (Pr10. 5, 8) An.  
*delli* Ponder, 1965 (P1. 91) A.C.  
*dilatata* (Powell, 1955) (P1. 92) A.C.F.M.An.  
*flammulata* (Hutton, 1878) (= *Phasiarella huttoni* Pils-

bry) (P1. 93; Pr5. 779) A.

*fossa* Ponder, 1965 (P1. 92) A.\*  
*fuscousubucula* Ponder, 1965 (P1. 92) F.An.  
*globosa* Ponder, 1965 (P1. 91) A.  
*lyalina* Thiele, 1912 (Pr10. 9) An.  
*kerguelensis chiltoni* (Suter, 1909) (P1. 89) F.M.An.  
*latebricola* Ponder, 1965 (P1. 92) A.  
*limbata* (Hutton, 1883) (P1. 92) A.C.F.M.  
*lutea* (Suter, 1908) (P1. 89) A.C.  
*mortoni* Ponder, 1965 (P1. 92) A.C.M.  
*notalabia* Ponder, 1965 (P1. 91) A.C.F.M.  
*notata* Ponder & Yoo, 1977 (= *maculosa* Ponder, 1965, not Laseron, 1956) (P1. 91; Pr4. 618) A.  
*obtusispira* Powell, 1955 (P1. 92) F.An.\*  
*olivacea* (Hutton, 1882) (P1. 92) A.C.F.M.An.  
*pallida* (Powell, 1937) (P1. 90) A.\*  
*pfefferi* (Suter, 1909) (P1. 94; Pr10. 12) A.C.F.M.  
*pullmitra* Ponder, 1965 (P1. 91) A.C.F.M.  
*roseocincta* (Suter, 1908) (P1. 93) C.  
*roseola* (Iredale, 1915) (P1. 93) A.C.F.M.An.\*  
*roseospira* (Powell, 1937) (P1. 93) A.\*  
*smithi* Ponder, 1965 (P1. 93) F.M.  
*stewartiana* Ponder, 1965 (P1. 89) F.  
*tenella* (Powell, 1937) (P1. 91) A.\*  
*varicolor* Ponder, 1965 (P1. 92) A.C.F.  
*verecunda* (Suter, 1908) (P1. 93) F.An.\*  
(*Albosabula*) Ponder, 1965 (*Rissoa lampra* Suter)  
*lampra* (Suter, 1908) (P1. 90) C.F.M.  
*poutama* (E. C. Smith, 1962) (P1. 90) F.An.\*  
*rakiura* Ponder, 1965 (P1. 90) F.\*  
(*Caveatoniella*) Ponder, 1965 (E. (C.) *punicomacer* Ponder)  
*perforata* Ponder, 1965 (P1. 90) A.\*  
*punicomacer* Ponder, 1965 (P1. 90) A.  
*Liratoniella* Ponder, 1965 (*L. bicarinata* Ponder)  
*bicarinata* Ponder, 1965 (P1. 94) A.\*  
*Pupatonia* Ponder, 1965 (*Estea minutula* Powell)  
*atoma* Ponder, 1965 (P1. 94) F.An.\*  
*gracilispira* (Powell, 1933) (P1. 94) M.\*  
*minutula* (Powell, 1933) (P1. 94) F.An.\*  
*pupinella* (Finlay, 1927) (P1. 94) F.\*

CINGULOPSIDAE

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*Eatonina* Thiele, 1912 (*E. pusilla* Thiele) (= *Saginofusca* Ponder)  
*atomaria* (Powell, 1933) (P1. 116; Pr6. 9) A.C.F.M.  
*maculosa* Ponder, 1965 (P1. 116) A.  
*micans* (Webster, 1905) (P1. 116) A.  
(*Captitonia*) Ponder & Yoo, 1980 (E. (C.) *lirata* Ponder & Yoo)  
*crassicarinata* (Powell, 1937) (P1. 94; Pr6. 27) A.\*  
(*Otatara*) Ponder, 1965 (*Notosetia subflavescens* Iredale)  
*subflavescens* (Iredale, 1915) (P1. 116; Pr6. 32) A.An.\*  
*Skenella* Pfeffer in Martens & Pfeffer, 1886 (*S. georgiana* Pfeffer in Martens & Pfeffer) (= *Eatoniopsis* Thiele)  
(*Rufodardamula*) Ponder, 1965 (*R. spadix* Ponder)  
*spadix* (Ponder, 1965) (P1. 117; Pr6. 35) A.  
*Tubbreva* Ponder, 1965 (*Rufodardamula* (T.) *exigua* Ponder)

*exaltata exaltata* (Powell, 1933) (P1. 117; Pr6. 41) F.M.  
*exaltata sorenseni* (Powell, 1955) (P1. 117) F.An.\*  
*exigua* (Ponder, 1965) (P1. 117; Pr6. 41) A.C.F.  
*minutula* (Powell, 1937) (P1. 117) A.\*

#### RASTODENTIDAE

*Rastodeus* Ponder, 1966 (*R. puerilis* Ponder)  
*pseudomarginata* Ponder, 1966 (P1. 118) F.An.\*  
*puerilis* Ponder, 1966 (P1. 118) A.C.F.\*  
*Tridentifera* Ponder, 1966 (*Estea crassicornata* Powell)  
*crassicornata* (Powell, 1937) (P1. 118) A.\*  
*roseoculma* Ponder, 1966 (P1. 118) A.\*

#### ANABATHRIDAE

392, 613, 614

*Amphithalamus* Carpenter, 1864 (*A. inclusus* Carpenter)  
(= *Microfossa* Laseron)  
*falsesta* (Ponder, 1968) (P1. 104) A.C.  
*incidatus maoria* (Ponder, 1968) (P1. 104) A.C.  
*latisulcus* (Ponder, 1968) (P1. 104) A.C.  
*semen* (Odhner, 1924) (P1. 104) A.C.  
(*Notoscrobs*) Powell, 1927 (*N. ornatus* Powell)  
*erosus* (Odhner, 1924) (P1. 104; Pr8. 253) A.\*  
*ornatus* (Powell, 1927) (P1. 104; Pr8. 253) A.\*  
*Anabathron* Frauenfeld, 1867 (*A. contabulata* Frauenfeld)  
(*Scrobs*) Watson, 1886 (*Rissoa (S.) scrobiculata* Watson)  
(= *Nannoscrobs* Finlay)  
*angulatus* (Powell, 1927) (P1. 105) A.\*  
*elongatus* (Powell, 1927) (P1. 105) A.\*  
*excelsus* (Powell, 1933) (P1. 105) A.\*  
*hedleyi* (Suter, 1908) (P1. 105; Pr8. 251) A.C.  
*ovatus* (Powell, 1927) (P1. 105) A.\*  
*rugulosus* (Powell, 1930) (P1. 105) A.\*  
*trailli* (Powell, 1939) (P1. 106) F.An.  
*Microdryas* Laseron, 1950 (*Epigrus iravadiodes* Gatliff &  
Gabriel)  
*striatus* (Powell, 1927) (P1. 103; Pr8. 253) A.\*  
*Pisinnia* Monterosato, 1878 (*Rissoa punctulum* Philippi)  
(= *Estea* Iredale = *Microestea* Ponder)  
*angustata* (Powell, 1927) (P1. 103; Pr2. 154) A.\*  
*asymmetrica* (Laws, 1941) (P1. 100) A.\*  
*hipkinsi* (Ponder, 1965) (P1. 101) A.  
*olivacea impressa* (Hutton, 1885) (P1. 101; Pr2. 190)  
A.C.M.  
*insulana porrecta* (Powell, 1933) (P1. 101) M.  
*insulana porrectoides* (Powell, 1937) (P1. 101) A.\*  
*juddi* (Ponder, 1968) (P1. 101) A.\*  
*manawatawhia* (Powell, 1937) (P1. 102) A.\*  
*micronema micronema* (Suter, 1898) (P1. 102) F.An.\*  
*micronema morioria* (Powell, 1933) (P1. 102) M.\*  
*minor* (Suter, 1898) (P1. 102) F.M.An.  
*praecidecosta* (Ponder, 1965) (P1. 102) A.\*  
*rekoluana rekoluana* (Powell, 1933) (P1. 102) C.F.M.  
An.  
*rekoluana lactorubra* (Ponder, 1965) (P1. 102) A.  
*rufopicata* (Suter, 1908) (P1. 102) C.F.M.An.\*  
*rugosa recens* (Ponder, 1968) (P1. 102) A.\*  
*semiplicata* (Powell, 1927) (P1. 103) A.  
*semisulcata* (Hutton, 1885) (P1. 103) A.\*  
*subfusca subfusca* (Hutton, 1873) (P1. 103) A.C.F.M.  
An.

*subfusca aupouria* (Ponder, 1968) (P1. 103) A.\*  
*subrufa* (Powell, 1937) (P1. 103) A.\*  
*zosterophila* (Webster, 1905) (P1. 103; Pr2. 154) A.C.  
*Pseudestea* Ponder, 1967 (*Scrobs pyramidatus* Hedley)  
*crassicornus* (Powell, 1933) (P1. 104; Pr8. 255) A.\*

#### BARLEEIDAE

613, 614

*Fictonoba* Ponder, 1967 (*Rissoa carnosa* Webster)  
*carnosa carnosa* (Webster, 1905) (P1. 107; Pr8. 245) A.  
*carnosa martini* (Finlay, 1928) (P1. 107) M.  
*rufolactea* (Suter, 1908) (P1. 108) A.

#### RISSOIDAE: RISSOINAE

398, 613, 617, 820

*Alvania* Risso, 1826 (*A. europea* Risso)  
(*Linemera*) Finlay, 1924 (*L. interrupta* Finlay)  
*abrupta* (Dell, 1956) (P1. 96) F.\*  
*aupouria* (Powell, 1937) (P1. 96) A.\*  
*boumtvensis* (Dell, 1950) (P1. 96) An.\*  
*exserta* (Suter, 1908) (P1. 96) F.An.\*  
*gallmacea* (Finlay, 1930) (P1. 96) A.\*  
*gradatoides* (Finlay, 1930) (P1. 97; Pr12. 45) F.\*  
*maclurigi* (Powell, 1933) (P1. 97) M.An.\*  
*pingue* (Webster, 1906) (P1. 97; Pr12. 45) A.\*  
*pinguoides* (Powell, 1940) (P1. 97) A.\*  
*solitaria* (Dell, 1956) (P1. 97) M.\*  
*venusta* (Powell, 1926) (P1. 97) C.M.\*  
*Attenuata* Hedley, 1918 (*Rissoa inegella* Hedley) (= *Nobolira* Finlay = *Adolphinoba* Powell)  
*affinis affinis* (Powell, 1940) (P1. 115) A.\*  
*affinis orientalis* (Dell, 1956) (P1. 115) M.\*  
*bollonsi* (Powell, 1930) (P1. 115; Pr12. 77) A.\*  
*cochlearella* (Powell, 1937) (P1. 115; Pr12. 77) A.\*  
*contigua* (Powell, 1940) (P1. 115) A.\*  
*finlayi* (Powell, 1930) (P1. 115; Pr12. 76) A.\*  
*hinemoa* (Fleming, 1948) (P1. 115) F.\*  
*manawatawhia* (Powell, 1937) (P1. 115; Pr12. 76) A.\*  
*merelina* (Dell, 1956) (P1. 115) F.\*  
*regis* (Powell, 1940) (P1. 115) A.\*  
*Lironoba* Iredale, 1915 (*Rissoa suteri* Hedley)  
*anomala* Powell, 1940 (P1. 114) A.  
*elegans* E.C. Smith, 1962 (P1. 115) F.\*  
*matai* Dell, 1952 (P1. 114) C.\*  
*suteri* (Hedley, 1904) (P1. 115; Pr12. 76) F.An.\*  
*Merelina* Iredale, 1915 (*Rissoa cheilostoma* Tenison Woods)  
(= *Promerelina* Powell)  
*cochleata* Powell, 1937 (P1. 108) A.\*  
*compacta* Powell, 1927 (P1. 108) A.\*  
*coronata* (Powell, 1926) (P1. 109) A.  
*crassissima* Powell, 1937 (P1. 108) A.\*  
*crispulata* Powell, 1937 (P1. 108) A.\*  
*crosseaformis* (Powell, 1926) (P1. 109; Pr12. 72) A.  
*foliata* (Suter, 1908) (P1. 108) F.An.\*  
*gemmata* Powell, 1927 (P1. 108) A.  
*harrisonae* Powell, 1939 (P1. 108) F.An.  
*lacunosa* (Powell, 1940) (P1. 109) A.  
*lyalliana* (Suter, 1898) (P1. 108) A.C.  
*manawatawhia* Powell, 1937 (P1. 109) A.\*  
*maoriana* Powell, 1939 (P1. 109) A.C.F.M.  
*paupereques* Powell, 1937 (P1. 109) A.\*  
*plaga* Finlay, 1926 (P1. 109) An.\*

*rubiginosa* Ponder, 1967 (P1. 109) A.  
*superba* Powell, 1927 (P1. 109) A.\*  
*taupoensis* Powell, 1939 (P1. 109) A.  
*tricarinata* (Powell, 1937) (P1. 110) A.\*  
*waitangiensis* Powell, 1933 (P1. 109) M.  
*Onoba* H. & A. Adams, 1852 (*Turbo striatus* J. Adams not  
da Costa) (= *Subonoba* Iredale = *Austronoba* Powell)  
*alpha* (Powell, 1955) (P1. 110) F.An.\*  
*aupouria* (Powell, 1940) (P1. 110) A.\*  
*beta* (Powell, 1955) (P1. 110) F.\*  
*candidissima* (Webster, 1905) (P1. 113; Pr12. 56) A.  
*delicatula* (Powell, 1933) (P1. 110) An.  
*delta* (Powell, 1955) (P1. 110) F.\*  
*edita* (Powell, 1939) (P1. 112) F.  
*fallai* (Powell, 1955) (P1. 112) An.  
*foveauxiana* (Suter, 1898) (P1. 112; Pr12. 56) C.F.  
*fumata* (Suter, 1898) (P1. 112; Pr12. 56) A.C.F.M. An.  
*gamma* (Powell, 1955) (P1. 112) F.\*  
*inornata* (Powell, 1933) (P1. 112) M.  
*insculpta* (Murdoch, 1905) (P1. 112; Pr12. 56) C.F. An.  
*iredalei* (Powell, 1937) (P1. 113) A.\*  
*melvilli* (Hedley, 1916) (P1. 123; Pr10. 18) An.  
*moria* (Powell, 1933) (P1. 112) M.  
*obliquata* (Powell, 1940) (P1. 113) A.  
*oliveri* (Powell, 1955) (P1. 112) An.\*  
*parvula* (Powell, 1931) (P1. 112) A.\*  
*paucicostata* (Powell, 1931) (P1. 112) An.\*  
*sorenseni* (Powell, 1955) (P1. 113; Pr12. 56) An.  
*steineni* (Strebel, 1908) (Pr10. 19) An.  
*tenuistriata* (Powell, 1933) (P1. 113) An.\*  
(*Manawatawhia*) Powell, 1937 (*M. analoga* Powell)  
*analoga* (Powell, 1937) (P1. 108; Pr12. 61) A.\*  
(*Ovirissoa*) Hedley, 1916 (*Rissoa adarensis* E. A. Smith)  
(= *Badenia* Finlay)  
*delli* (Ponder, 1968) (P1. 113) C.  
*duplicata* (Powell, 1937) (P1. 114) A.\*  
*elegans* (Ponder, 1965) (P1. 100; Pr12. 60) A.\*  
*exuta* (Powell, 1937) (P1. 114) A.\*  
*lubrica* (Suter, 1898) (P1. 100; Pr12. 60) F.\*  
*paupereques* (Finlay, 1926) (P1. 114; Pr12. 61) A.\*  
*simplex* (Powell, 1927) (P1. 100) F.\*  
*Povvelisetia* Ponder, 1965 (*Rissoa porcellana* Suter)  
*australis* (Watson, 1886) (= *Ovirissoa nivosa* of authors  
not Powell) (P1. 113; Pr10. 25) An.\*  
*bilirata* Ponder, 1965 (P1. 99) A.  
*crassilabrum* (Powell, 1940) (P1. 99) A.  
cf. *deserta* (E. A. Smith, 1907) (= *Eatoniella kerguelen-*  
*ensis kerguelenensis* Tomlin not E.A. Smith) (P1. 89;  
Pr10. 25) An.  
*gradata* (Suter, 1908) (P1. 99) F.An.\*  
*lineata* (E.C. Smith, 1962) (P1. 99) F.  
*microstriata* (Murdoch, 1905) (P1. 99) F.An.\*  
*porcellana* (Suter, 1908) (P1. 99) F.An.\*  
*porcellanoides* (Powell, 1937) (P1. 99) A.\*  
*retusa* (Powell, 1927) (P1. 99) F.M.An.\*  
*subgradata* (Powell, 1937) (P1. 99) A.\*  
*subtenuis* (Powell, 1937) (P1. 99) A.C.F.M.An.\*  
*tenuisculpta* (Powell, 1933) (P1. 100) F.An.\*  
*unicarinata* (Powell, 1930) (P1. 100) A.\*  
*Pusillina* Monterosato, 1884 (*Rissoa pusilla* Philippi not

Grateloup)  
(*Haurakia*) Iredale, 1915 (*Rissoa hamiltoni* Suter)  
*aupouria* (Powell, 1937) (P1. 95) A.\*  
*crassicosta* (Powell, 1955) (P1. 95) F.An.\*  
*finlayi* (Powell, 1937) (P1. 95) A.\*  
*hamiltoni* (Suter, 1898) (P1. 95; Pr12. 29) A.C.F.M.  
*huttoni* (Suter, 1898) (P1. 95) F.An.\*  
*infecta* (Suter, 1908) (P1. 95) A.C.F.M.  
*latiambita* (Ponder, 1967) (P1. 95) A.  
*minuscule* (Powell, 1955) (P1. 95) An.\*  
*mobilicosta* (Ponder, 1967) (P1. 95) A.C.  
*otagoensis* (Dell, 1956) (P1. 95) F.\*  
*pellucida* (Powell, 1937) (P1. 96; Pr12. 29) A.\*  
*semireticulata* (Murdoch & Suter, 1906) (P1. 96) A.\*  
*sinuastoma* (Ponder, 1967) (P1. 96) A.  
*subsuturalis* (Dell, 1956) (P1. 96) F.\*  
*Rissoa* Desmarest, 1814 (*R. ventricosa* Desmarest)  
*cylindrella* Odhner, 1924 (P1. 114) A.\*  
*Striatestea* Powell, 1927 (*S. bountyjensis* Powell)  
*bountyjensis* Powell, 1927 (P1. 98) An.\*  
*eulima* Powell, 1940 (P1. 98) A.  
*poutama* Ponder, 1967 (P1. 98) F.\*

RISSOIDAE: RISSOININAE 613, 617

*Rissoina* d'Orbigny, 1840 (*R. inca* d'Orbigny)  
*achatina* Odhner, 1924 (P1. 106) A.  
*achatinoides* Powell, 1937 (P1. 106) A.\*  
*anguina* Finlay, 1926 (P1. 106) A.  
*aupouria* Powell, 1937 (P1. 106) A.\*  
*chathamensis* (Hutton, 1873) (P1. 106) A.C.F.M.  
*factor* Finlay, 1930 (P1. 106) A.\*  
*fucosa* Finlay, 1930 (P1. 106) A.\*  
*larochei* Finlay, 1930 (P1. 106) A.\*  
*manawatawhia* Powell, 1937 (P1. 107) A.\*  
*powelli* Finlay, 1930 (P1. 107) A.\*  
*zonata* Suter, 1909 (P1. 107) A.

HYDROBIIDAE: HYDROBIINAE 427, 819

*Horatia* Bourguignat, 1887 (*H. klecakiana* Bourguignat)  
*nelsonensis* Climo, 1977 (Cl5. 76) FW:S.  
*Saganoa* Kuroda, Habe & Tamu in Kuroda & Habe, 1958  
(*Akiyoshia* (S.) *kishiiiana* Kuroda, Habe & Tamu in  
Kuroda & Habe) (= *Kuschelita* Climo)  
*inflata* (Climo, 1974) (P1. 124; Cl5. 68) FW:N.  
*mica* (Climo, 1974) (P1. 124; Cl5. 68) FW:S.

HYDROBIIDAE: TATEINAE 110, 114, 427,

453, 454, 455, 602, 603, 604, 619, 660, 666, 767, 768, 819  
*Catapyrgus* Climo, 1974 (*C. spelaus* Climo)  
*spelaus* Climo, 1974 (P1. 124) FW:S.  
*Hadopyrgus* Climo, 1974 (*H. anops* Climo)  
*anops* Climo, 1974 (P1. 123) FW:S.  
*brevis* Climo, 1974 (P1. 124) FW:S.  
*Opacuincola* Ponder, 1966 (*O. caeca* Ponder)  
*caeca* Ponder, 1966 (P1. 124) FW:N.S.  
*kuscheli* Climo, 1974 (P1. 124) FW:S.  
*Paxillostium* Gardner, 1970 (*P. nanum* Gardner)  
*nanum* Gardner, 1970 (P1. 124) FW:N.  
*Potamopyrgus* Stimpson, 1865 (*Melania corolla* Gould)  
*antipodarum* (Gray in Dieffenbach, 1843) (P1. 122)

- FW:N.S.  
*crosswelli* Climo, 1974 (= *gardneri* Climo = *manneringi* Climo) (P1. 122; C15. 73) FW:N.S.  
*dawbini* Powell, 1955 (P1. 123) FW: Auckland Is.  
*estuarinus* Winterbourn, 1971 (P1. 122) FW:N.S.  
*pupoides* Hutton, 1882 (P1. 122) FW:N.S.  
*subterraneus* Suter, 1905 (P1. 122) FW:S.  
*trogodytes* (Climo, 1974) (P1. 124; C15. 75) FW:N.
- ASSIMINEIDAE**  
*Assimineia* Fleming, 1828 (*A. grayana* Fleming)  
*vulgaris* (Webster, 1905) (P1. 125) A.  
*Suterilla* Thiele, 1927 (*Cirsonella neozelanica* Murdoch)  
*neozelanica* (Murdoch, 1899) (P1. 125) A.C.
- IRAVADIIDAE** 616  
*Iravadia* Blanford, 1867 (*I. ornata* Blanford)  
(*Pseudonoba*) Böttger, 1902 (*P. peculiaris* Böttger) (= *Dipso-*  
*toma* Laseron)  
*inflata* (Ponder, 1967) (P1. 107; Pr11. 43) A.  
*Nozeba* Iredale, 1915 (*Rissoa emarginata* Hutton)  
*emarginata* (Hutton, 1885) (P1. 110; Pr11. 55) A.C.F.\*  
*mica* Finlay, 1930 (P1. 110; Pr11. 56) A.\*
- ELACHISINIDAE** 618  
*Elachisina* Dall, 1918 (*E. grippi* Dall)  
*iredalei* (Brookes, 1926) (P1. 113; Pr13. 31) A.
- TORNIDAE**  
*Naricava* Hedley, 1913 (*Adeorbis angasi* A. Adams &  
Angas)  
*neozelanica* Powell, 1940 (P1. 122) A.  
*Tornus* Turton & Kingston, 1830 (*T. subcarinatus* Mon-  
tagu)  
*anponria* (Powell, 1937) (P1. 121) A.\*  
*maoria* (Powell, 1937) (P1. 120) A.\*
- VITRINELLIDAE** 482  
*Cochliolepis* Stimpson, 1858 (*C. parasitica* Stimpson)  
*albiceratus* Ponder, 1966 (P1. 121; Me1. 104) A.C.  
*Conjectura* Finlay, 1926 (*Crossea glabella* Murdoch)  
*atypica* Powell, 1937 (P1. 73) A.\*  
*carinata* Powell, 1940 (P1. 74) A.\*  
*glabella* (Murdoch, 1905) (P1. 73; Bu17. 406) F.An.\*  
*poutama* E.C. Smith, 1962 (P1. 74) F.\*  
*Elachorbis* Iredale, 1915 (*Cyclostrema tatei* Angas)  
*diaphana* Finlay, 1924 (P1. 74) F.\*  
*subtatei* (Suter, 1907) (P1. 74; Bu17. 406) A.C.F.An.\*  
*Scrupus* Finlay, 1926 (*Fossarus hyalinus* Odhner)  
*hyalinus* (Odhner, 1924) (P1. 98; Pr12. 104) A.\*  
*uniliratus* Powell, 1931 (P1. 98) An.\*
- CAECIDAE**  
*Caecum* Fleming, 1813 (*Dentalium trachea* Montagu)  
*digitulum* Hedley, 1904 (P1. 128) A.C.F.M.An.
- STRUTHIOLARIIDAE** 592, 593  
*Struthiolaria* Lamarck, 1816 (*S. nodulosa* Lamarck)  
*papillosa* (Martyn, 1784) (P1. 142) A.C.F.  
(*Pellicaria*) Gray, 1857 (*Buccinum vermis* Martyn)
- vermis vermis* (Martyn, 1784) (P1. 143) A.  
*vermis bradleyi* Neef, 1970 (= *vermis vellai* Neef)  
(Bu17. 351) C.  
*vermis flemingi* Neef, 1970 (P1. 143; Bu17. 351) A.  
*vermis grahami* Neef, 1970 (Bu17. 351) C.F.\*  
*vermis powelli* Neef, 1970 (Bu17. 351) C.
- XENOPHORIDAE** 615  
*Xenophora* Fischer von Waldheim, 1807 (*Trochus*  
*couchlyiophoris* Born)  
*neozelanica neozelanica* Suter, 1908 (P1. 150; Pr9. 33)  
A.\*
- HIPPONICIDAE** 122  
*Hipponix* DeFrance, 1819 (*Patella mirula* Gmelin)  
*conicus wyattae* (Powell, 1958) (P1. 145) A.  
*Leptonotis* Conrad, 1886 (*Velutina expansa* Whitfield) (= *Neojanacus* Suter)  
*perplexus* (Suter, 1907) (P1. 146; Bo3. 713) A.C.F.M.  
An.\*
- CALYPTRAEIDAE** 222, 373  
*Crepidula* Lamarck, 1799 (*Patella fornicata* Linné) (= *Maoricrypta* Finlay = *Zeacrypta* Finlay)  
*costata* Sowerby, 1824 (P1. 149; Hg1. 370) A.C.  
*monoxyla* (Lesson, 1831) (P1. 149; Hg1. 382) A.C.F.  
*profunda* (Hutton, 1873) (= *youngi* Powell) (P1. 149;  
Hg1. 394; Bu17. 259) A.  
*Sigapatella* Lesson, 1831 (*Trochus calyptraeformis*  
Lamarck)  
*novaezelandiae* (Lesson, 1831) (P1. 148) A.C.F.M.An.  
*spadicea* Boshier, 1961 (Bx1. 104) A.C.F.  
*superstes* Fleming, 1958 (P1. 148) A.  
*Zegalerus* Finlay, 1926 (*Calyptraea tenuis* Gray)  
*crater* Finlay, 1926 (P1. 148) M.  
*tenuis* (Gray, 1867) (P1. 149) A.C.F.M.  
*terraenovae* (Peile, 1924) (P1. 149) A.
- CAPULIDAE**  
*Capulus* Montfort, 1810 (*Patella ungarica* Linné)  
*novaezelandiae* Dell, 1978 (D12. 166) C.\*  
*Krebsia* Mörch, 1877 (*Capulus intortus* Lamarck)  
(*Tenpetasus*) Iredale, 1929 (*Capulus liberatus* Pease)  
*liberatus* (Pease, 1868) (P1. 146) A.\*  
*Malluwinum* Melvill, 1906 (*Capulus lissus* E.A. Smith)  
*calcareum* (Suter, 1909) (P1. 146) A.C.M.\*  
*Trichosirius* Finlay, 1926 (*Trichotropis inornata* Hutton)  
*cavatoocarinatus* (Laws, 1940) (P1. 147) C.F.M.An.\*  
*inornatus* (Hutton, 1873) (P1. 147) A.C.F.M.  
*octocarinatus* Powell, 1931 (P1. 147) M.An.\*  
*Zelippistes* Finlay, 1926 (*Separatista benhami* Suter)  
*benhami* (Suter, 1902) (P1. 148) A.
- CYPRAEIDAE** 151, 231, 258  
*Cypraea* Linné, 1758 (*C. tigris* Linné)  
(*Erosaria*) Troschel, 1863 (*Cypraea erosa* Linné)  
*cernica* Sowerby, 1870 (= *tomlini* Schilder) (P1. 151;  
Bs1. 209) A.\*  
(*Lyncina*) Troschel, 1863 (*Cypraea lynx* Linné)  
*vitellus* Linné, 1758 (P1. 152) A.\*

- OVULIDAE 327, 443  
*Phenacovolva* Iredale, 1930 (*P. nectarea* Iredale)  
*wakayamaensis* Cate & Azuma, 1973 (= *longirostrata*  
of authors not Sowerby) (P1. 152; Lv1. 136) A.\*  
*Pedicularia* Swainson, 1840 (*P. sicula* Swainson)  
*pacifica* Pease, 1865 (P1. 152) A.\*
- TRIVIIDAE: TRIVIINAE  
*Trivia* Gray, 1832 (*Cypraea europaea* Montagu)  
(*Ellatrivia*) Iredale, 1931 (*Triviella merces* Iredale)  
*merces* (Iredale, 1924) (P1. 152; Ws2. 210) A.C.  
(*Trivirostra*) Jousseaume, 1884 (*Cypraea oryza* Lamarck)  
*oryza* (Lamarck, 1810) (Gd3. 77; Ws2. 211) A.\*
- TRIVIIDAE: ERATOINAE 579  
*Notoficula* Thiele, 1917 (*Ficulina bouveti* Thiele)  
*otagoensis* Dell, 1962 (P1. 196) F.\*
- VELUTINIDAE: LAMELLARIINAE 468  
*Lamellaria* Montagu, 1815 (*L. tentaculata* Montagu)  
*cerebroides* Hutton, 1883 (P1. 150) A.C.F.  
cf. *conica* E.A. Smith, 1902 (P1. 150) An.\*  
*nodosa* Ev. Marcus, 1987 (= *verrucosa* Odhner not  
Vayssière) (Mc1. 1) An.  
*ophione* Gray, 1850 (P1. 150) A.C.  
*Caledoniella* Basedow, 1905 (*C. montrouzieri* Souverbie)  
(= *Mysticoncha* Allan)  
*harrisonae* (Powell, 1946) (P1. 151) C.F.
- NATICIDAE: NATICINAE 426, 456  
*Natica* Scopoli, 1777 (*Nerita vitellus* Linné)  
(*Notocochlis*) Powell, 1933 (*Cochlis migratoria* Powell)  
*lemniscata* Philippi, 1852 (= *sagittata hancockae*  
Powell) (P1. 154; Lc1. 7) A.  
*migratoria* (Powell, 1927) (P1. 154) A.  
*Proxiuber* Powell, 1933 (*Lunatia australis* Hutton)  
*australe* (Hutton, 1878) (P1. 155) A.\*  
*hulmei* Powell, 1954 (P1. 155) A.\*  
*Tanea* Marwick, 1933 (*Natica zelandica* Quoy & Gaimard)  
*zelandica* (Quoy & Gaimard, 1832) (P1. 154; Bu17.  
352) A.C.F.M.
- NATICIDAE: POLINICINAE 426  
*Falsilunatia* Powell, 1951 (*Natica soluta* Gould)  
*ambigua* (Suter, 1913) (= *powelli* Dell) (P1. 157; Bu6.  
91) F.M.\*  
*amphiala* (Watson, 1881) (Bu6. 91) A.\*  
*pisum* (Hedley, 1916) (P1. 157) An.\*  
*subperforata* Dell, 1956 (P1. 157) A.F.M.\*  
*Friginatica* Hedley, 1916 (*Natica beddomei* Johnston)  
*conjuncta* Dell, 1953 (= *amphiala* of authors not  
Watson, 1881) (P1. 157; Bu6. 91) A.C.F.M.\*  
*Polinices* Montfort, 1810 (*P. albus* Montfort)  
*taulitirahia* Powell, 1965 (P1. 155) A.\*  
(*Mammilla*) Schumacher, 1817 (*M. fasciata* Schumacher)  
*siniae* (Deshayes in Deshayes & Edwards, 1838)  
(P1. 156) A.  
*Uberella* Finlay, 1928 (*Natica vitrea* Hutton)  
*alacris* Dell, 1956 (P1. 157) F.\*  
*barrierensis* (Marwick, 1924) (P1. 157) A.\*
- denticulifera* (Marwick, 1924) (P1. 157; Bu17. 245)  
C.F.\*  
*vitrea* (Hutton, 1873) (P1. 156) F.M.An.\*
- NATICIDAE: SININAE 426  
*Globisium* Marwick, 1924 (*Sigaretus drewi* Murdoch)  
*drewi* (Murdoch, 1899) (P1. 158; Kb1. 424) A.C.\*
- CASSIDAE: CASSINAE 83  
*Casmaria* H. & A. Adams, 1853 (*Buccinum vibex* Linné)  
*ponderosa perryi* (Iredale, 1912) (P1. 160) A.  
*Galeodea* Link, 1807 (*Buccinum echinophorum* Linné)  
*triganceae* Dell, 1953 (P1. 161) A.C.F.M.\*  
*Semicassis* Mörch, 1852 (*Cassis japonica* Reeve) (= *Xeno-*  
*phalium* Iredale)  
*sophia* (Brazier, 1872) (Pw1. 148; Ws2. 234) A.\*  
*labiata* (Perry, 1811) (= *insperatum* Iredale) (P1.159)A.  
*pyrum* (Lamarck, 1822) (= *ericinum* Powell = *hamil-*  
*toni* Powell = *matai* Powell = *stadiale* Hedley) (P1.  
159; Bu17. 353) A.C.F.M.  
*royana* (Iredale, 1914) (P1. 160; Ws2. 234) A.\*  
*thomsoni* (Brazier, 1875) (P1. 160) A.\*
- TONNIDAE 83, 487  
*Eudolium* Dall, 1889 (*Dolium crosseanum* Monterosato)  
*bairdii* (Verrill & E.A. Smith in Verrill, 1881) (Mr23.  
33) A.\*  
*pyriforme* (Sowerby, 1914) (P1. 163; Cy3. 1; Mr23. 32)  
A.\*  
*Tonna* Brunnich, 1772 (*Buccinum galea* Linné)  
*cerevisina* Hedley, 1919 (P1. 161) A.\*  
*cumingii* (Reeve, 1849) (P1. 161) A.\*  
*maculata* (Lamarck, 1822) (P1. 162) A.\*  
*melanostoma* (Jay, 1839) (P1. 162) A.\*  
*olearium* (Linné, 1758) (P1. 162) A.\*  
*tetracotula* Hedley, 1919 (P1. 162) A.\*
- FICIDAE 83, 778  
*Thalassocyon* Barnard, 1960 (*T. bonus* Barnard)  
*bonus* Barnard, 1960 (= *tui* Dell) (P1. 163; Wr3. 87)A.\*
- PERSONIDAE 83, 87, 88, 91, 351  
*Distorsionella* Beu, 1978 (*Distorsio* (*Distorsionella*) *lewisi*  
Beu)  
*lewisi* (Beu, 1978) (Bu5. 39; Wr4. 96; Bu16. 90; Hh1.  
149) A.\*
- RANELLIDAE: RANELLINAE 83, 87, 88, 91,  
94, 351  
*Argobuccinum* Herrmannsen, 1846 (*Ranella argus*  
Gmelin)  
*pustulosum tumidum* (Dunker, 1862) (P1. 166; Bu10.  
56) A.C.F.M.An.  
*Fusitriton* Cossmann, 1903 (*Triton cancellatus* Lamarck)  
*magellanicus laudandus* Finlay, 1926 (P1. 167; Bu10.  
56) A.C.F.M.An.\*  
*Ranella* Lamarck, 1816 (*R. gigantea* Lamarck) (= *Mayena*  
Iredale)  
*australasia australasia* (Perry, 1811) (= *blacki* Powell  
= *vossi* Powell) (P1. 166; Bu10. 57) A.C.F.

- olearium* (Linné, 1758) (P1. 167; Bu11. 242) A.C.F.\*
- RANELLIDAE: NEPTUNELLINAE 83, 87, 88,  
90, 91, 97, 98, 351, 406, 588
- Cabestana* Röding, 1798 (*Murex cutaceus* Linné)  
*spengleri* (Perry, 1811) (P1. 164) A.C.F.M.  
*tabulata* (Menke, 1843) (= *waterhousei* A. Adams &  
Angas = *otagoensis* Powell) (P1. 164; Bu17. 354)  
A.C.F.
- Charonia* Gistel, 1848 (*Murex tritonis* Linné)  
*lampas rubicunda* (Perry, 1811) (= *capax* Finlay) (P1.  
168; Bu10. 57) A.C.F.
- Cymatium* Röding, 1798 (*Murex femorale* Linné)  
(*Monoplex*) Perry, 1811 (*M. australasiae* Perry)  
*parthenopium parthenopium* (von Salis, 1793) (P1. 165;  
Bu10. 58; Bu15. 214) A.C.
- (*Turritriton*) Dall, 1904 (*Triton gibbosus* Broderip)  
*exaratum exaratum* (Reeve, 1844) (P1.165; Bu10. 60)  
A.  
*labiosum* (Wood, 1828) (P1. 164; Bu14. 74) A.
- Sassia* Bellardi, 1873 (*Triton apenninicum* Sassi) (= *Austrosassia* Finlay = *Cymatona* Iredale = *Proxi-  
charonia* Powell)  
*apenninica remensa* (Iredale, 1936) (Bu5. 31; Bu10. 61)  
A.\*  
*kampyla kampyla* (Watson, 1885) (P1. 166; Bu10. 61;  
Bu12. 308) A.C.F.M.An.\*  
*kampyla tonlini* (Powell, 1955) (P1. 166, 497; Bu10.  
61) An.\*  
*palmeri* (Powell, 1967) (P1. 165; Bu12. 308) A.\*  
*parkinsonia* (Perry, 1811) (P1. 165; Bu12. 307) A.
- BURSIDAE 82, 83, 87, 88, 90, 91  
*Bursa* Röding, 1798 (*B. monitata* Röding)  
(*Colubrellina*) Fischer, 1884 (*Ranella candidata* Lamarck)  
(= *Annaperenna* Iredale)  
*verrucosa* (Sowerby, 1825) (P1. 169; Bu10. 64; Bu12.  
321) A.\*  
*Tutufa* Jousseume, 1881 (*Murex rana bubo* Linné)  
*bubo* (Röding, 1798) (= *lissostoma* E.A. Smith) (P1.  
168; Bu8. 272; Bu12. 346) A.
- ATLANTIDAE  
*Atlanta* Lesueur, 1817 (*A. peroni* Lesueur)  
*lesueuri* Souleyet, 1852 (Sp2. 143; P1. 153) A.  
*peroni* Lesueur, 1817 (Sp2. 141; P1. 153) A.  
*turriculata* d'Orbigny, 1836 (Sp2. 146) A.
- CARINARIIDAE  
*Carinaria* Lamarck, 1801 (*Argonauta vitreus* Gmelin)  
*galea* Benson, 1835 (Sp2. 155) A.C.  
*lamarcki* Péron & Lesueur, 1810 (= *australis* Quoy &  
Gaimard) (P1. 153; Sp2. 152) A.C.M.  
*Cardiapoda* d'Orbigny, 1836 (*C. pedunculata* d'Orbigny)  
*placenta* (Lesson, 1830) (P1. 153) A.
- FIROLIDAE  
*Firoloida* Lesueur, 1817 (*F. desmaresti* Lesueur)  
*desmaresti* Lesueur, 1817 (Sp2. 165) A.C.  
*Pterotrachea* Forsskål, 1775 (*P. coronata* Forsskål)
- coronata* Forsskål, 1775 (P1. 153; Sp2. 160; Ya1.163) F.  
*scutata* Gegenbaur, 1855 (Sp2. 162) A.C.
- TRIFORIDAE  
*Triforis* Deshayes, 1834 (*T. plicatus* Deshayes)  
(*Paramendax*) Powell, 1937 (*P. apicina* Powell)  
*apicina* (Powell, 1937) (P1. 135; Mr1. 103) A.\*  
*attenuatispira* (Powell, 1937) (P1. 134; Mr1. 103) A.\*  
(*Granulotriforis*) Kosuge, 1967 (*T. (G.) tauseiae* Kosuge)  
*antepallaxa* Marshall, 1977 (Mr1. 107) A.\*  
*blacki* Marshall, 1977 (Mr1. 107; Mr7. 87) A.\*  
*cf. epaxalla* (Verco, 1909) (Mr1. 105) A.\*  
*tui* Marshall, 1977 (Mr1. 109) A.\*
- CERITHIOPSIDAE 15, 122, 384, 476, 558  
*Alipta* Finlay, 1926 (*Cerithiopsis crenistria* Suter)  
*crenistria* (Suter, 1907) (P1. 134; Mr3. 63) A.C.F.M.  
An.  
*Aliptina* Marshall, 1978 (*A. acheronae* Marshall)  
*acheronae* Marshall, 1978 (Mr3. 70) A.\*  
*Ataxocerithium* Tate, 1894 (*Cerithium serotinum* A.  
Adams)  
*luttoni* (Cossmann, 1895) (P1. 131; Mr3. 60; Hb1.160)  
A.C.\*  
*Cerithiella* Verrill, 1882 (*Cerithium metula* Lovén)  
(= *Euseila* Cotton)  
*nucleoproducta* (Dell, 1956) (P1. 134; Mr3. 69) F.M.\*  
*stiria* (Webster, 1906) (P1. 134; Mr3. 69) A.\*  
*Cerithiopsidella* Bartsch, 1911 (*Cerithiopsis cosmia* Bartsch)  
*blacki* Marshall, 1978 (Mr3. 71) A.\*  
*Cerithiopsis* Forbes & Hanley, 1851 (*Murex tubercularis*  
Montagu)  
*powelli* Marshall, 1978 (Mr3. 84) A.  
*Eumetula* Thiele, 1912 (*E. dilecta* Thiele) (= *Laskeya*  
Iredale)  
*macquariensis* Tomlin, 1948. (P1. 133.) An.\*  
(*Altispecula*) Powell, 1930 (*Cerithiopsis geniculatus*  
Hedley)  
*aureola* (Powell, 1933) (P1. 135; Mr3. 74) An.\*  
*Horologica* Laseron, 1956 (*H. bicolor* Laseron)  
*cowei* Marshall, 1978 (Mr3. 87) A.\*  
*diremptus* (Odhner, 1924) (= *paradoxa* Powell) (P1.  
134, 135; Mr3. 86) A.  
*Joculater* Hedley, 1909 (*Cerithiopsis ridicula* Watson)  
*sublima* Marshall, 1978 (Mr3. 85) A.\*  
*Mendax* Finlay, 1926 (*Cerithiopsis trizonalis* Odhner)  
*hebetatus* Marshall, 1978 (Mr3. 67) A.\*  
*marginata* (Suter, 1908) (P1. 133; Mr3. 66) A.An.  
*seilaformis* Marshall, 1978 (Mr3. 68) A.\*  
*subapicina* (Dell, 1956) (P1. 135; Mr3. 67) F.M.\*  
*trizonalis trizonalis* (Odhner, 1924) (P1. 134; Mr3. 64)  
A.  
*trizonalis odhneri* (Powell, 1927) (P1. 133; Mr3. 65)  
F.An.\*  
*trizonaloides* Marshall, 1978 (Mr3. 65) A.\*  
*Prolixodens* Marshall, 1978 (*Cerithiopsis infracolor*  
Laseron)  
*benthica* Marshall, 1978 (Mr3. 91) A.\*  
*crassa* Marshall, 1978 (Mr3. 92) A.\*  
*infracolor* (Laseron, 1951) (Mr3. 91) A.



- Retilaskeya* Marshall, 1978 (*R. zelandica* Marshall)  
*zelandica* Marshall, 1978 (Mr3. 75) A.C.F.An.  
 (Marshallaskeya) Gründel, 1980 (*Altispecula elegantula*  
 Powell)  
*elegantula* (Powell, 1930) (P1. 135; Mr3. 73; G11. 231)  
 A.\*
- Seila* A. Adams, 1861 (*Triphoris dextroversus* A. Adams &  
 Reeve)
- (*Hebeseila*) Finlay, 1926 (*Seila bulbosa* Suter)  
*bulbosa* Suter, 1908 (P1. 136; Mr3. 101) F.M.An.\*  
*regia* Marshall, 1978 (Mr3. 101) A.\*
- (*Lyroseila*) Finlay, 1928 (*Seila chathamensis* Suter)  
*cincta* (Hutton, 1866) (= *chathamensis* Suter) (P1. 136;  
 Mr3. 96) A.C.M.  
*dilecta* Marshall, 1978 (Mr3. 98) A.\*  
*maoria* Marshall, 1978 (Mr3. 97) A.
- (*Notoseila*) Finlay, 1926 (*Cerithium terebelloides* Hutton)  
*elegantissima* Marshall, 1978 (Mr3. 100) A.\*  
*terebelloides* (Hutton, 1873) (P1. 136; Mr3. 99) A.C.F.  
 An.\*
- Socienna* Finlay, 1926 (*Cerithiopsis apicicosta* May)  
*cracens cracens* Marshall, 1979 (Mr5. 400; Mr13. 15)  
 A.C.  
*cracens regia* Marshall, 1979 (Mr5. 403) A.\*
- Specula* Finlay, 1926 (*Cerithiopsis styliiformis* Suter)  
*campbellica* (Powell, 1955) (P1. 134; Mr3. 77) An.\*  
*retifera* (Suter, 1908) (P1. 133; Mr3. 77) F.An.\*  
*styliiformis* (Suter, 1908) (= *dissimilis* Suter) (P1. 132,  
 133; Mr3. 76) F.An.\*
- Sundaya* Oliver, 1915 (*S. exquisita* Oliver)  
*tuberculata* Powell, 1927 (P1. 134; Mr3. 93) A.F.\*
- Synthopsis* Laseron, 1956 (*S. cylindrica* Laseron)  
*acuminata* Marshall, 1978 (Mr3. 89) A.  
*caelata* (Powell, 1930) (P1. 134; Mr3. 88) A.  
*regia* Marshall, 1978 (Mr3. 89) A.\*
- Zaclys* Finlay, 1926 (*Cerithiopsis sarissa* Murdoch)  
*murdochi* Marshall, 1978 (Mr3. 81) A.C.F.  
*sarissa* (Murdoch, 1905) (= *acies* Suter = *subantarctica*  
 Suter) (P1. 135; Mr3. 79) F.An.

TRIPHORIDAE: TRIPHORINAE 476

- Bouchetriphora* Marshall, 1983 (*Triphoris pallidus* Pease)  
*pallida* (Pease, 1870) (= *infelix* Webster, 1906) (P1.  
 255; Mr13. 61) A.C.
- Cautor* Finlay, 1926 (*Triphora lutea* Suter)  
*lutea* (Suter, 1908) (P1. 255; Mr13. 34) F.An.\*
- Monophorus* Grillo, 1877 (*Trochus perversus* Linné)  
 (= *Notosinister* Finlay)  
*fascelina* (Suter, 1908) (P1. 255; Mr13. 26) A.C.F.An.\*
- Nototriphora* Marshall, 1983 (*Notosinister aupouria*  
 Powell)  
*aupouria* (Powell, 1937) (P1. 255; Mr13. 65) A.\*
- Sagenotriphora* Marshall, 1983 (*Triphora ampulla* Hedley)  
*ampulla* (Hedley, 1902) (P1. 255; Mr13. 30) A.C.
- Teretriphora* Finlay, 1926 (*Triphora luttoni* Suter)  
*luttoni* (Suter, 1908) (P1. 256; Mr13. 34) F.M.An.\*

TRIPHORIDAE: ADELACERITHIINAE 477

- Adelacerithium* Ludbrook, 1941 (*A. merultum* Ludbrook)  
*mirabilis* Marshall, 1984 (Mr14. 81) A.\*

TRIPHORIDAE: METAXIINAE

- Metaxia* Monterosato, 1884 (*Cerithium rugulosum* Sower-  
 by)  
*duplicarinata* (Powell, 1940) (P1. 134; Mr5. 398) A.\*  
*exaltata* (Powell, 1930) (P1. 135; Mr2. 113) A.C.  
*maoria* (Finlay, 1930) (P1. 135; Mr5. 398) A.\*  
*solitaria* Marshall, 1979 (Mr5. 400) A.\*

EPITONIIDAE: EPITONIINAE 121, 254

- Acirsa* Mörch, 1857 (*Turritella costulata* Mighels & A.  
 Adams)  
*subcarinata* (Murdoch & Suter, 1906) (P1. 253) A.\*
- Cirsotrema* Mörch, 1852 (*Scalaria varicosa* Lamarck)  
*zelebori* (Dunker, 1866) (P1. 252) A.C.
- (*Tioria*) Marwick, 1928 (C. (T.) *youngi* Marwick)  
*forresti* Dell, 1956 (P1. 252) C.M.\*
- Epitonium* Röding, 1798 (*Turbo scalaris* Linné)  
 (*Acutiscala*) de Boury, 1909 (*Scalaria philippinarum*  
 Sowerby)  
*minora* (Iredale, 1936) (P1. 251) A.
- (*Hyaloscala*) de Boury, 1909 (*Scalaria clathratula* A.  
 Adams)  
*bucknilli* Powell, 1924 (P1. 251) A.  
*jukesianum* (Forbes, 1852) (P1. 251) A.C.
- (*Papyriscala*) de Boury, 1909 (*Scalaria latifasciata* Sower-  
 by)  
*tenellum* (Hutton, 1885) (P1. 251) A.
- Funiscala* de Boury, 1891 (*Scalaria speyeri* Sacco)  
*maxwelli* Finlay, 1930 (P1. 252) F.\*
- Gyroskala* de Boury, 1887 (*Scalaria commutata* Montero-  
 sato)  
*lamellosa* (Lamarck, 1822) (= *Scalaria perplexa* Pease)  
 (P1. 251; Ds1. 6) A.
- Nodiscala* de Boury, 1890 (*Scalaria bicarinata* Sowerby)  
*aliparana* (Powell, 1930) (P1. 252) A.\*  
*zelandica* Finlay, 1930 (P1. 252) A.\*

EPITONIIDAE: NYSTIELLINAE 725

- Iphitus* Jeffreys, 1883 (*I. tuberculatus* Jeffreys) (= *Iphitella*  
 Thiele = *Sculptifer* Beu & Climo)  
*neozelanica* (Dell, 1956) (P1. 145; Bu4. 392; Bo3. 491)  
 C.M.\*
- Murdochella* Finlay, 1926 (*Scala levifoliata* Murdoch &  
 Suter)  
*alacer* Finlay, 1926 (P1. 253) A.\*  
*levifoliata* (Murdoch & Suter, 1906) (P1. 253) A.C.An.\*  
*superlata* Finlay, 1930 (P1. 253) A.\*

JANTHINIDAE

- Janthina* Röding, 1798 (*J. violacea* Röding)  
*exigua* Lamarck, 1822 (P1. 254) A.C.F.M.  
*globosa* Swainson, 1826 (P1. 254) A.  
*janthina* (Linné, 1758) (P1. 254) A.C.F.M.
- Recluzia* Petit de la Saussaye, 1853 (*R. jehennei* Petit de la  
 Saussaye)  
*rollandiana* Petit de la Saussaye, 1853 (P1. 254) A.

ACLIDIDAE 121, 552, 553

- Aclis* Lovén, 1846 (*Alvania supranitida* S.V. Wood)  
 (= *Eusetia* Cotton)

*expansa* (Powell, 1930) (P1. 267; Pr12. 106; Bo3. 302) A.\*  
*maoria* Powell, 1937 (P1. 136) A.\*  
*pseudopareora* Powell, 1940 (P1. 136) A.\*  
*terebra* (Powell, 1930) (P1. 137) A.\*  
*Awamua* Powell, 1927 (A. *dilatata* Powell)  
*dilatata* Powell, 1927 (P1. 97; Pr12. 105) A.\*  
*porcellana* Ponder, 1967 (P1. 98; Pr12. 105) A.  
*Coenaculum* Iredale, 1924 (*Scalaria minutula* Tate & May)  
*secundum* Powell, 1937 (P1. 138) A.\*  
*tertium* Dell, 1952 (P1. 138) C.\*  
*Graphis* Jeffreys, 1867 (*Turbo unicus* Montagu)  
*blanda* (Finlay, 1924) (P1. 260; Pr12. 106) A.F.  
*Larochella* Powell, 1927 (L. *toreuma* Powell)  
*alta* Powell, 1927 (P1. 137) A.M.  
*toreuma* Powell, 1927 (P1. 137; Pr12. 106) A.C.  
*Ruapukea* Dell, 1952 (R. *carolus* Dell)  
*allanae* E. C. Smith, 1962 (P1. 98) F.\*  
*carolus* Dell, 1952 (P1. 98; Pr12. 106) F.\*  
*Scaloronoba* Powell, 1927 (S. *costata* Powell)  
*costata* Powell, 1927 (P1. 268; Pr12. 106) F.\*  
*secunda* Powell, 1940 (P1. 268) A.\*

EULIMIDAE 121, 773, 774, 777, 780

*Annulobalcis* Habe, 1965 (A. *shimazui* Habe)  
*marshalli* Warén, 1981 (Wr1. 320) A.\*  
*Chilentionia* Tate & Cossmann *in* Tate, 1898 (C. *subvari-  
cosa* Tate & Cossmann *in* Tate)  
*neozelanica* Powell, 1940 (P1. 141) A.\*  
*Curveolina* Laseron, 1955 (C. *cornuta* Laseron)  
*aupouria* (Powell, 1937) (P1. 141) A.\*  
*bollonsi* (Powell, 1937) (P1. 141) A.\*  
*otakuica* (Dell, 1956) (P1. 141) F.\*  
*titalica* (Suter, 1908) (P1. 141) A.C.  
*Eulima* Risso, 1826 (*Turbo subulatus* Donovan)  
*perspicua* (Oliver, 1915) (P1. 138) A.\*  
*Fusculima* Laseron, 1955 (F. *jacksonensis* Laseron)  
*goodingi* Warén, 1981 (Wr1. 321) A.\*  
*mangonua* (Powell, 1940) (P1. 138) A.\*  
*murdochi* (Hedley, 1904) (P1. 139) C.F.  
*Hypermastus* Pilsbry, 1899 (H. *coxi* Pilsbry)  
*bulbula* (Murdoch & Suter, 1906) (P1. 141; Wr4. 92) A.\*  
*Melanella* Bowdich, 1822 (M. *dufresnei* Bowdich)  
(= *Balcis* Leach *in* Gray)  
*alertae* (Dell, 1956) (P1. 139) F.\*  
*aucklandica* (Suter, 1909) (P1. 139) M.An.\*  
*maoria* (Powell, 1940) (P1. 140) A.  
*maui* (Dell, 1952) (P1. 140) C.\*  
*otagoensis* (Powell, 1927) (P1. 140) F.\*  
*oxyacme* (Suter, 1908) (P1. 140) A.\*  
*paxillus* (Hedley, 1904) (P1. 140) F.\*  
*pulhana* (Dell, 1956) (P1. 140) F.M.\*  
*solitaria* (E. A. Smith, 1915) (= *laseroni* Hedley) (P1. 142; D14. 128) An.\*  
*truncata* (Suter, 1908) (P1. 140) A.  
*vegrandis* (Murdoch & Suter, 1906) (P1. 140) A.\*  
*Pelseneeria* Köhler & Vaney, 1908 (P. *profunda* Köhler & Vaney) (= *Vemustilifer* Powell)  
*bountyensis* (Powell, 1933) (P1. 142; Wr1. 322) F.An.\*

*secundus* (Powell, 1940) (P1. 142) A.\*  
*Pictobalcis* Laseron, 1955 (*Eulima articulata* Sowerby)  
*articulata* (Sowerby, 1834) (P1. 141; Wr2. 66) A.  
*Pyramidelloides* Nevill, 1885 (*Rissoina miranda* A. Adams)  
(*Teretianax*) Iredale, 1918 (*Scalenostoma suteri* Oliver)  
*pagoda* (Powell, 1926) (P1. 114; Pr12. 107) A.  
*Sabinella* Monterosato, 1890 (*Eulima piriformis* Montero-  
sato)  
*infrapatula* (Murdoch & Suter, 1906) (P1. 140; Wr1. 321) A.\*

Order Neogastropoda

MURICIDAE: MURICINAE 329, 380, 683, 714, 752

*Boreotrophon* Fischer, 1884 (*Trophon clathratus* Linné)  
*shirleyi* Cernohorsky, 1980 (Cy6. 107) A.\*  
*Comptella* Finlay, 1926 (*Trophon curta* Murdoch)  
*coronata* Dell, 1956 (P1. 176) C.M.\*  
*curta* (Murdoch, 1905) (P1. 176) F.An.  
*devia* (Suter, 1908) (P1. 176) An.\*  
*Murexul* Iredale, 1915 (*Murex octogonus* Quoy & Gaimard)  
*mariae* Finlay, 1930 (P1. 170; Bu17. 359) A.  
*octogonus* (Quoy & Gaimard, 1833) (P1. 170) A.C.  
*Paratrophon* Finlay, 1926 (*Polytropa cheesemani* Hutton)  
*cheesemani cheesemani* (Hutton, 1882) (P1. 178) C.  
*cheesemani exsculptus* Powell, 1933 (P1. 178) C.  
*patens* (Hombron & Jacquinot, 1854) (P1. 178) C.F.  
*quoyi* (Reeve, 1854) (P1. 178) A.C.  
*Phyllocoma* Tapparone-Cancrini, 1881 (*Triton convolutus* Broderip)  
(*Galfridus*) Iredale, 1924 (*Triton speciosus* Angas)  
*speciosa virginalis* (Suter, 1913) (P1. 178) A.  
*Poirieria* Jousseaume, 1880 (*Murex zelandicus* Quoy & Gaimard)  
*kopua* Dell, 1956 (P1. 170) A.M.\*  
*zelandica* (Quoy & Gaimard, 1833) (P1. 170) A.C.F.M.\*  
*Pterynotus* Swainson, 1833 (*Murex pinnatus* Swainson)  
*flemingi* (Beu, 1967) (P1. 172; Bu17. 264) A.C.\*  
*Terefundus* Finlay, 1926 (*Trophon crispulatus* Suter)  
*anomalous* Dell, 1956 (P1. 177) F.M.\*  
*axirugosus* Dell, 1956 (P1. 176) F.M.\*  
*crispulatus* (Suter, 1908) (P1. 176) F.An.\*  
*cuvierensis* (Mestayer, 1919) (P1. 177) A.\*  
*quadricinctus quadricinctus* (Suter, 1908) (P1. 177) An.\*  
*quadricinctus unicarinatus* Dell, 1956 (P1. 177) M.\*  
(*Minortrophon*) Finlay, 1926 (*Daphnella crassilirata* Suter)  
*crassiliratus* (Suter, 1908) (P1. 177) F.M.An.\*  
*Trophon* Montfort, 1810 (*Murex magellanicus* Gmelin)  
*albolabratus* E.A. Smith, 1875 (P1. 172) An.\*  
*macquariensis* Powell, 1957 (P1. 173) An.\*  
*mawsoni* Powell, 1957 (P1. 173) An.\*  
(*Emozania*) Iredale, 1929 (*Murex licinus* Hedley & Petterd)  
*licinus* (Hedley & Petterd, 1906) (P1. 173) A.\*  
*Uttleya* Marwick, 1934 (*U. arcana* Marwick)

- ahiparana* (Powell, 1927) (P1. 179) A.\*  
*marwicki* Powell, 1952 (P1. 179) C.  
*williamsi* Powell, 1952 (P1. 179) A.\*
- Xymene* Iredale, 1915 (*Fusus plebeius* Hutton)  
*ambiguus* (Philippi, 1844) (P1. 174) A.C.F.M.  
*aucklandicus* (E. A. Smith, 1902) (P1. 175) C.F.An.  
*convexus* (Suter, 1909) (P1. 175) F.M.An.\*  
*huttoni* (Murdoch, 1900) (P1. 175) A.C.F.  
*mortenseni mortenseni* (Odhner, 1924) (P1. 174) An.  
*mortenseni caudatinus* (Firday, 1930) (P1. 174)  
A.C.F.M.\*  
*plebeius* (Hutton, 1873) (P1. 173) A.C.F.M.  
*pulcherrimus* (Finlay, 1930) (P1. 174) C.F.M.\*  
*pumilus* (Suter, 1909) (P1. 176) C.F.An.\*  
*pusillus* (Suter, 1907) (= *gouldi* of authors) (P1. 174;  
Bu17. 426) A.C.F.  
*teres* (Finlay, 1930) (P1. 175) F.\*  
*traversi* (Hutton, 1873) (P1. 175) A.C.F.M.  
*warreni* Ponder, 1972 (P1. 175) C.\*
- MURICIDAE: CORALLIOPHILINAE 171, 434, 590  
*Coralliophila* H. & A. Adams, 1853 (*Murex neritoidea*  
Chemnitz) (= *Liniaxis* Laseron)  
*sertata* (Hedley, 1903) (P1. 183; Bu17. 360) A.\*  
*Latiaxis* Swainson, 1840 (*Pyrula mawae* Gray in Griffith &  
Pidgeon)  
*lischkeanus* (Dunker, 1882) (P1. 182) A.\*  
*wormaldi* Powell, 1971 (P1. 182) A.\*
- MURICIDAE: OCENEBRINAE 433, 442, 503,  
504, 700, 714  
*Agnewia* Tenison Woods, 1879 (*Purpura tritoniformis* de  
Blainville)  
*tritoniformis* (de Blainville, 1833) (P1. 181) A.  
*Haustrum* Perry, 1811 (*H. zealandicum* Perry)  
*haustorium* (Gmelin, 1791) (P1. 180; Ko1. 186)  
A.C.F.M.  
*Lepsiella* Iredale, 1912 (*Purpura scobina* Quoy & Gai-  
mard)  
*scobina* (Quoy & Gaimard, 1833) (P1. 180; Kt1. 131;  
St4. 410) A.C.M.  
*albomarginata* (Deshayes, 1839) (P1. 180; Kt1. 131;  
St4. 410) C.F.M.  
*Lepsithais* Finlay, 1928 (*Polytropa squamata* Hutton)  
*lacunosus* (Bruguère, 1789) (P1. 180) C.F.M.An.  
*Neothais* Iredale, 1912 (*Purpura smithi* Brazier)  
*smithi* (Brazier, 1889) (P1. 181; Ko1. 180) A.
- MURICIDAE: RAPANINAE 433, 442, 588, 714  
*Dicathais* Iredale, 1936 (*Buccinum orbita* Gmelin)  
*orbita* (Gmelin, 1791) (P1. 179; Ko1. 180) A.C.M.  
*Morula* Schumacher, 1817 (*M. papillosa* Schumacher)  
*chaidea* (Duclos, 1832) (P1. 181) A.  
*palmeri* Powell, 1967 (P1. 181) A.\*
- TYPHIDAE: TYPHINAE 227, 381  
*Siphonochelus* Jousseume, 1880 (*Typhis avenatus* Hinds)  
*solus* Vella, 1961 (P1. 182; Da1. 33) A.\*  
*Typhina* Jousseume, 1880 (*Typhis belcheri* Broderip)  
*pauperis* (Mestayer, 1916) (P1. 182; Da1. 29) A.\*
- TYPHIDAE: TRIPTEROTYPHINAE 227, 329  
*Prototyphis* Ponder, 1972 (*Typhis angasi* Crosse)  
*eos* (Hutton, 1873) (P1. 171; Bu17. 358; Da1. 22) A.  
*paupereques* (Powell, 1974) (P1. 171; Bu17. 358; Da1.  
29) A.\*  
(Ponderia) Houart, 1986 (*Typhis zealandicus* Hutton)  
*zealandica* (Hutton, 1873) (P1. 172; Bu17. 358; Da1.  
37) C.\*
- TURBINELLIDAE: COLUMBARIINAE 323  
*Columbarium* Martens, 1881 (*Pleurotoma* (C.) *spincinctum*  
Martens)  
*veridicum* Dell, 1963 (P1. 169) A.\*  
*Coluzea* Finlay, 1926 (*Fusus spiralis* A. Adams)  
*altocanal* Dell, 1956 (P1. 169) M.\*  
*mariae* Powell, 1952 (P1. 169) F.M.\*  
*spiralis* (A. Adams, 1856) (P1. 169; Bu17. 356; Hw2.  
245) A.C.\*  
*wormaldi* (Powell, 1971) (P1. 170) A.\*  
*Fulgurofusus* Grabau, 1904 (*Fusus quercollis* Harris)  
*cf. benthocallis* (Melvill & Standen, 1907) (Dg1. 104)  
C.\*
- TURBINELLIDAE: PTYCHATRACTINAE 119, 322  
*Egestas* Finlay, 1926 (*Vexillum waitei* Suter)  
*waitei* (Suter, 1909) (P1. 207) C.F.An.\*  
*Latiromitra* Locard, 1897 (*L. specialis* Locard)  
*problematica* (Ponder, 1968) (P1. 214; Bu17. 414) F.\*  
*Surculina* Dall, 1908 (*S. blanda* Dall)  
*expeditionis* (Dell, 1956) (P1. 217; Hw1. 177) M.\*
- BUCCINIDAE: BUCCININAE 99, 119, 120,  
169, 292, 293, 294, 551, 590, 684, 714  
*Aeneator* Finlay, 1926 (*Verconella marshalli* Murdoch)  
*attenuata* Powell, 1927 (P1. 202) A.\*  
*benthicola* Dell, 1963 (P1. 202) A.\*  
*comptus* (Finlay, 1924) (P1. 202) A.\*  
*elegans* (Suter, 1917) (D12. 166) C.F.\*  
*galathea* Powell, 1958 (P1. 203) F.\*  
*marshalli separabilis* Dell, 1956 (P1. 202) A.\*  
*otagoensis* Finlay, 1930 (P1. 202) C.F.\*  
*recens* (Dell, 1951) (P1. 202) C.F.M.\*  
*valedicta* (Watson, 1886) (P1. 202) C.F.M.\*  
*Austrofusus* Kobelt, 1879 (*Drupa glans* Röding)  
*chathamensis* Finlay, 1928 (P1. 197; Bu17. 364) C.M.  
*glans* (Röding, 1798) (P1. 197) A.C.F.M.  
*Belomitra* P. Fischer, 1882 (*B. paradoxa* P. Fischer)  
(= *Dellina* Beu)  
*climacella* (Dall, 1895) (= *Antizafra aoteana* Dell =  
*Waipaoa munida* Ponder) (P1. 226; Bo1. 223; Bo2.  
474) F.M.\*  
*Buccinulum* Deshayes, 1830 (*Murex lineatus* Gmelin)  
*colensoi* (Suter, 1908) (P1. 199) C.  
*linea linea* (Martyn, 1784) (P1. 198, Bu1. 221) A.C.F.M.  
*linea flexicostatum* Dell, 1956 (P1. 198) F.M.\*  
*linea fuscozonatum* (Suter, 1908) (P1. 198) A.\*  
*mariae* Powell, 1940 (P1. 199) A.  
*pallidum pallidum* Finlay, 1928 (P1. 198) C.F.M.  
*pallidum powelli* Ponder, 1971 (P1. 198) A.  
*pertinax pertinax* (Martens, 1878) (P1. 198) F.M.An.

- pertinax finlayi* Powell, 1929 (P1. 198) C.F.\*  
*robustum* Powell, 1929 (P1. 199) A.  
*vittatum vittatum* (Quoy & Gaimard, 1833) (P1. 199) A.C.  
*vittatum bicinctum* (Hutton, 1873) (P1. 199) M.  
*vittatum littorinoides* (Reeve, 1846) (P1. 199) C.F.An.
- Cominella* Gray, 1850 (*Buccinum testudineum* Bruguière)  
*adpersa* (Bruguière, 1789) (P1. 192) A.C.M.  
*tolagaensis* Ponder, 1968 (P1. 192; Bu17. 324) C.\*  
*maculosa* (Martyn, 1784) (P1. 192) A.C.M.
- (*Eucominia*) Finlay, 1926 (*Buccinum nassoides* Reeve)  
*alertae* (Dell, 1956) (P1. 194) M.\*  
*elegantula marlboroughensis* Powell, 1946 (P1. 195) C.\*  
*mirabilis mirabilis* Powell, 1929 (P1. 195) A.\*  
*mirabilis canturiensis* (Dell, 1951) (P1. 195) C.M.\*  
*mirabilis powelli* (Fleming, 1948) (P1. 195) F.\*  
*nassoides nassoides* (Reeve, 1846) (P1. 194) F.  
*nassoides consobrina* Powell, 1933 (P1. 195) M.  
*nassoides haroldi* Powell, 1946 (P1. 194) F.  
*nassoides iredalei* (Finlay, 1928) (P1. 195) M.  
*nassoides nodicincta* (Martens, 1878) (P1. 194) An.\*  
*nassoides otakaica* Powell, 1946 (P1. 194) F.\*  
*olsoni* (Dell, 1956) (P1. 195) C.\*  
*otagoensis* (Finlay, 1926) (P1. 195) F.\*
- (*Josephia*) Tenison Woods, 1878 (*J. tasmanica* Tenison Woods)  
*glandiformis* (Reeve, 1847) (P1. 193) A.C.F.M.  
*quoyana quoyana* A. Adams, 1854 (P1. 193) A.  
*quoyana accuminata* Hutton, 1893 (P1. 193) A.  
*quoyana griseicalx* Willan, 1978 (W13. 438) A.\*  
*quoyana necopinata* (Finlay, 1930) (P1. 193) A.  
*regalis* Willan, 1978 (W13. 438) A.\*  
*virgata virgata* H. & A. Adams, 1853 (P1. 193) A.C.  
*virgata brookesi* Powell, 1952 (P1. 194) A.
- Cumia* Bivona-Bernardi, 1838 (*C. decussata* Bivona-Bernardi) (= *Ratifusus* Iredale)  
*adjuncta* (Iredale, 1929) (P1. 203; Bu13. 61) A.\*  
*reticulata* (A. Adams, 1855) (P1. 203; Bu13. 61) A.
- Eosiphon* Thiele, 1929 (*Chrysodomus* (*Siphon*) *smithii* Schepman)  
*aldermenensis* (Powell, 1971) (P1. 203; Bo2. 469) A.\*  
*Euthrenopsis* Powell, 1929 (*E. otagoensis* Powell)  
*bountyensis* Powell, 1929 (P1. 200) An.\*  
*otagoensis* Powell, 1929 (P1. 200) C.F.\*  
*venusta* Powell, 1929 (P1. 200) F.\*
- Iredalula* Finlay, 1926 (*Bela striata* Hutton)  
*alticincta* (Murdoch & Suter, 1906) (P1. 204) A.\*  
*striata* (Hutton, 1873) (P1. 204) A.\*  
*venusta* Powell, 1934 (P1. 204) C.\*
- Nassaria* Link, 1807 (*N. lyrata* Link) (= *Benthindsia* Iredale)  
(*Microfusis*) Dall, 1916 (*Chrysodomus acutispiratus* Sowerby)  
cf. *problematica* (Iredale, 1936) (Cy9. 137) A.\*  
*solida* Kuroda & Habe in Habe, 1961 (Cy8. 33) A.\*  
*spinigera* Hayashi & Habe, 1965 (= *miriamae* Dell) (P1. 196; Cy8. 35) A.\*
- Pareuthria* Strebel, 1905 (*Fusus plumbeus* Philippi)  
*campbelli* (Fillhol, 1880) (P1. 196) An.  
cf. *valdiviae* (Thiele, 1925) (P1. 196) An.\*
- Penion* Fischer, 1884 (*Fusus dilatatus* Quoy & Gaimard)  
*benthicolus benthicolus* Dell, 1956 (P1. 201) F.M.\*  
*benthicolus delli* Powell, 1971 (P1. 201) A.\*  
*chathamensis* (Powell, 1938) (P1. 201) M.  
*cuvierianus cuvierianus* (Powell, 1927) (= *dilatatus* of authors) (P1. 200; Pr1. 569) A.C.\*  
*cuvierianus jeakingsi* (Powell, 1947) (P1. 201) C.\*  
*fairfieldae* (Powell, 1947) (P1. 201) F.\*  
*ormesi* (Powell, 1927) (P1. 201) A.C.\*  
*sulcatus* (Lamarck, 1816) (= *dilatatus* Quoy & Gaimard) (P1. 200; Pr1. 569) A.C.
- Prosiphon* Thiele, 1912 (*P. gaussianus* Thiele)  
*tomlini* Powell, 1957 (P1. 203) An.\*

BUCCINIDAE: FASCIOLARIINAE 714

- Fusus* Rafinesque, 1815 (*Murex colus* Linné)  
*genticus* (Iredale, 1936) (P1. 206) A.\*  
*Glaphyrina* Finlay, 1926 (*Fusus vulpicolor* Sowerby)  
*caudata* (Quoy & Gaimard, 1833) (= *vulpicolor* Sowerby) (P1. 207; Cy5. 101) A.C.F.\*  
*plicata* Powell, 1929 (P1. 207) A.\*  
*Microfulgur* Finlay & Marwick, 1927 (*Latirus longirostris* Marshall)  
*carinatus* Ponder, 1970 (P1. 207) F.\*  
*Pleia* Finlay, 1930 (*Fasciolaria decipiens* Tate)  
*cryptocarinata* Dell, 1956 (P1. 205) M.\*  
*Taron* Hutton, 1883 (*Trophon dubius* Hutton)  
*albocostus* Ponder, 1968 (P1. 206) A.\*  
*dubius* (Hutton, 1878) (P1. 206) A.  
*mouatae* Powell, 1940 (P1. 206) A.

BUCCINIDAE: NASSARIINAE 170, 172

- Nassarius* Duméril, 1806 (*Buccinum arcularia* Linné)  
(*Alectrion*) Montfort, 1810 (*Buccinum papillosum* Linné)  
*aoteanus* Finlay, 1926 (P1. 204) A.\*  
*spiratus* (A. Adams, 1852) (P1. 205) A.  
(*Cryptonassarius*) Cernohorsky, 1975 (*Nassa ephamilla* Watson)  
*ephamillus* (Watson, 1882) (P1. 205; Cy2. 219) A.C.F.M.\*

COLUMBELLIDAE

- Antimitrella* Powell, 1937 (*A. laxa* Powell)  
*laxa* Powell, 1937 (P1. 191) A.\*  
*Aoteatilia* Powell, 1939 (*Dapluella substriata* Suter)  
*acicula* (Suter, 1908) (P1. 191) F.An.\*  
*anphipsila* (Suter, 1908) (P1. 191) An.\*  
*larochei* Powell, 1940 (P1. 191) A.\*  
*psila* (Suter, 1908) (P1. 191) A.\*  
*substriata* (Suter, 1899) (P1. 191) F.\*  
*temuistriata* (Suter, 1908) (P1. 191) An.\*  
*Exomilopsis* Powell, 1964 (*Mangelia spica* Hedley)  
*hipkinsi* Powell, 1964 (P1. 192) A.\*  
*Liratilia* Finlay, 1926 (*Dapluella conquisita* Suter)  
*compta* Powell, 1930 (P1. 189) A.  
*conquisita conquisita* (Suter, 1907) (P1. 189) A.\*  
*conquisita angulata* (Suter, 1908) (P1. 189) F.An.\*  
*conquisita chathamensis* Dell, 1956 (P1. 189) M.\*  
*conquisita gracilis* Powell, 1940 (P1. 189) A.\*  
*elegantula* Powell, 1937 (P1. 190) A.\*

*eremita* (Murdoch & Suter, 1906) (P1. 190) A.\*  
*isolata* Dell, 1956 (P1. 190) M.\*  
*sinuata* Powell, 1937 (P1. 190) A.\*  
*subnodosa* Powell, 1934 (P1. 190) A.  
*Macrozafra* Finlay, 1926 (*Clathurella subabnormis* Suter)  
*cophinodes* (Suter, 1908) (P1. 188) An.\*  
*entwrighti* Powell, 1940 (P1. 188) A.  
*mariae* Powell, 1940 (P1. 188) A.  
*nodicincta* (Suter, 1899) (P1. 188) A.C.F.  
*subabnormis* (Suter, 1899) (P1. 188) A.C.M.  
*vivens* (Powell, 1934) (P1. 188) A.\*  
*Paxula* Finlay, 1926 (*Columbella paxillus* Murdoch)  
*allani* Finlay, 1928 (P1. 183) M.  
*leptalea* (Suter, 1908) (P1. 183) An.\*  
*paxillus* (Murdoch, 1905) (P1. 183) A.C.F.  
*subantarctica subantarctica* (Suter, 1908) (P1. 184) An.  
*subantarctica sorenseni* Powell, 1955 (P1. 184) An.  
*transitans* (Murdoch, 1905) (P1. 184) F.An.  
*Zemitrella* Finlay, 1926 (*Lachesis sulcata* Hutton)  
*annectens* Powell, 1937 (P1. 184) A.\*  
*attenuata* Powell, 1940 (P1. 185) A.\*  
*benthicola* Dell, 1956 (P1. 185) F.\*  
*choava* (Reeve, 1859) (P1. 185) A.C.F.An.  
*circumcincta* Dell, 1962 (P1. 185) F.\*  
*daemonia* (Webster, 1906) (P1. 185) A.\*  
*fallax* Powell, 1940 (P1. 185) A.  
*finlayi* Powell, 1933 (P1. 185) M.  
*laevigata laevigata* (Suter, 1908) (P1. 186) A.\*  
*laevigata curvirostris* Powell, 1937 (P1. 186) A.\*  
*laevirostris* Powell, 1940 (P1. 186) A.  
*pseudomarginata* (Suter, 1908) (P1. 186) A.  
*regis* Powell, 1940 (P1. 186) A.\*  
*rosea* (Hutton, 1873) (P1. 186) C.F.An.  
*sericea* Powell, 1937 (P1. 186) A.\*  
*stephanophora* (Suter, 1908) (P1. 187) A.  
*sulcata sulcata* (Hutton, 1873) (P1. 187) F.  
*sulcata constans* Powell, 1955 (P1. 187) An.\*  
*turgida* Powell, 1937 (P1. 187) A.\*  
*websteri* (Suter, 1913) (P1. 187) A.\*  
*whangaroaensis* Dell, 1956 (P1. 187) A.

VOLUTIDAE: ZIDONINAE 229, 457, 626, 798

*Alcithoe* H. & A. Adams, 1853 (*Voluta pacifica* Perry)  
(= *Leporemax* Iredale = *Pachymelon* Marwick =  
*Palomelon* Finlay = *Teremelon* Marwick = *Wailhaoia*  
Marwick)  
*arabica* (Gmelin, 1791) (= *depressa* Suter = *swainsoni*  
Marwick) (P1. 211; Bu17. 366; Pg1. 102) A.C.F.  
*benthicola* (Dell, 1963) (P1. 210; Pg1. 102) A.\*  
*calva* Powell, 1928 (P1. 212) C.F.\*  
*chathamensis* (Dell, 1956) (P1. 213; Pg1. 103) M.\*  
*fissurata* (Dell, 1963) (P1. 210; Pg1. 103) A.\*  
*flemingi* Dell, 1978 (Dl2. 167; Pg1. 104) F.An.\*  
*fusus* (Quoy & Gaimard, 1833) (P1. 212; Dg2. 242;  
Pg1. 104) C.F.  
*haurakiensis* Dell, 1956 (P1. 212; Bu17. 367; Pg1. 105)  
A.  
*hedleyi* (Murdoch & Suter, 1906) (P1. 212; Bu17. 367;  
Pg1. 105) A.\*  
*jaculoides* Powell, 1924 (P1. 212; Pg1. 106) A.\*

*knoxii* (Dell, 1956) (P1. 211; Pg1. 106) M.\*  
*larochi* Marwick, 1926 (P1. 212; Pg1. 107) A.C.\*  
*lutea* (Watson, 1882) (P1. 210; Pg1. 107) C.\*  
*ostenfeldi* (Iredale, 1937) (P1. 212) C.\*  
*wilsonae* (Powell, 1933) (= *grahami* Powell = *smithi*  
Powell) (P1. 209; Dl2. 171; Pg1. 108) F.M.An.\*  
*Provocator* Watson, 1882 (*P. pulcher* Watson) (= *Iredalina*  
Finlay)  
*mirabilis* (Finlay, 1926) (P1. 213; Pg1. 138) A.C.F.M.  
An.\*

OLIVIDAE: ANCILLINAE 531, 532, 533, 574, 682,  
686, 714, 754

*Amalda* H. & A. Adams, 1853 (*Ancillaria tankervillei*  
Swainson)  
(*Baryspira*) Fischer, 1883 (*Ancillaria australis* Sowerby)  
*australis* (Sowerby, 1830) (P1. 208) A.C.  
*bathami* (Dell, 1956) (P1. 208) F.\*  
*depressa* (Sowerby, 1859) (P1. 208) A.C.  
*mucronata* (Sowerby, 1830) (P1. 208) A.C.  
*southlandica* (Fleming, 1948) (P1. 208) F.\*  
(*Gracilispira*) Olson, 1956 (*Ancillaria novaezelandiae*  
Sowerby)  
*novaezelandiae* (Sowerby, 1859) (P1. 209) A.C.M.

MARGINELLIDAE: MARGINELLINAE

203, 204, 205, 354  
*Bullata* Jousseume, 1875 (*Voluta bullata* Born)  
(*Ovaginella*) Laseron, 1957 (*Marginella ovulum* Sowerby)  
*maoria* (Powell, 1937) (P1. 222) A.\*  
*profunda* (Suter, 1909) (P1. 222) F.\*  
*Haloginella* Laseron, 1957 (*Marginella mustelina* Angas)  
*albescens* (Hutton, 1873) (P1. 218) F.An.\*  
*maoriana* (Powell, 1932) (P1. 218) A.  
*mustelina* (Angas, 1871) (P1. 218; Co1. 190; Bu17.  
415) A.  
*parvistriata* (Suter, 1908) (P1. 218) F.An.\*  
*plicatula* (Suter, 1910) (P1. 218) An.\*  
*Mesoginella* Laseron, 1957 (*Marginella turbinata* Sowerby)  
*vailei* (Powell, 1932) (P1. 221) A.  
*Sinuginella* Laseron, 1957 (*Marginella inconspicua*  
Sowerby)  
*aupouria* (Powell, 1937) (P1. 219) A.\*  
*cracens* (Dell, 1956) (P1. 219) F.\*  
*ergastula* (Dell, 1953) (P1. 220) M.\*  
*judithae* (Dell, 1956) (P1. 220) M.\*  
*larochi* (Powell, 1932) (P1. 220) A.\*  
*manawatawhia* (Powell, 1937) (P1. 220) A.\*  
*otagoensis* (Dell, 1956) (P1. 220) F.\*  
*pygmaea* (Sowerby, 1846) (P1. 220) A.C.F.M.  
*pygmaeiformis* (Powell, 1937) (P1. 220) A.\*  
*tryphenensis* (Powell, 1932) (P1. 220) A.\*  
*Volvarinella* Habe, 1951 (*V. makiyamai* Habe)  
*amoena* (Suter, 1908) (P1. 222) A.An.\*  
*cairoma* (Brookes, 1924) (P1. 222) A.C.M.  
*fusula fusula* (Murdoch & Suter, 1906) (P1. 223) A.\*  
*fusula fusuloides* (Dell, 1956) (P1. 223) F.\*  
*hebescens* (Murdoch & Suter, 1906) (P1. 223) A.\*  
*lurida* (Suter, 1908) (P1. 223) F.An.\*  
*stewartiana* (Suter, 1908) (P1. 223) F.An.\*

- subamoena* (Powell, 1937) (P1. 223) A.\*  
*subfusula* (Powell, 1932) (P1. 223) A.\*  
*wormaldi* (Powell, 1971) (P1. 223) A.\*
- MARGINELLIDAE: CYSTISCINAE  
*Crithe* Gould, 1860 (*C. atomaria* Gould) (= *Microvulina* Habe)  
*vida* (Dell, 1956) (P1. 218) A.C.\*  
*Kogomea* Habe, 1951 (*Erato novemprovincialis* Yokoyama) (= *Kagomea* of authors)  
*ficula* (Murdoch & Suter, 1906) (P1. 222) A.C.F.\*  
*hardingae* (Dell, 1956) (P1. 222) C.\*
- MITRIDAE 457  
*Mitra* Lamarck, 1798 (*Voluta mitra* Linné)  
*carbonaria* Swainson, 1822 (P1. 216) A.C.
- VOLUTOMITRIDAE  
*Peculator* Iredale, 1924 (*P. verconis* Iredale)  
*hedleyi* (Murdoch, 1905) (P1. 214) A.\*  
*obconicus* (Powell, 1952) (P1. 214) A.\*  
*porphyria* (Verco, 1896) (P1. 214) A.\*  
*Microvoluta* Angas, 1877 (*M. australis* Angas)  
*marginata* (Hutton, 1885) (P1. 215) A.C.F.An.\*  
*Volutomitra* H. & A. Adams, 1853 (*Mitra groenlandica* Beck in Möller) (= *Waimatea* Finlay)  
*banksi* (Dell, 1951) (P1. 214) C.F.M.An.\*  
*obscura* (Hutton, 1873) (P1. 215) A.
- COSTELLARIIDAE 20  
*Anstromitra* Finlay, 1926 (*Columbella rubiginosa* Hutton)  
*angulata* (Suter, 1908) (Cy7. 139) A.C.F.\*  
*lawesi* Finlay, 1930 (P1. 216) F.\*  
*rubiginosa* (Hutton, 1873) (= *erecta* Powell) (P1. 216; Cy7. 132) A.C.F.M.  
*planata* (Hutton, 1885) (Cy7. 141) A.\*  
*zafra* Powell, 1952 (P1. 217) A.\*
- CANCELLARIIDAE: CANCELLARIINAE 601  
*Brocchinia* Jousseaume, 1887 (*Voluta mitraeformis* Brocchi) (= *Anapepta* Finlay)  
*septentrionalis* (Finlay, 1930) (P1. 226; Mx3. 168) A.\*  
*Inglisella* Finlay, 1924 (*Ptychotractus pinkeuriensis* Suter)  
*marwicki* (Dell, 1956) (P1. 226; Mx2. 71) F.M.\*  
*Oamaruia* Finlay, 1924 (*Admete suteri* Marshall & Murdoch)  
*deleta* Finlay, 1930 (P1. 224) A.\*  
*(Zeadmete)* Finlay, 1926 (*Cancellaria trilli* Hutton)  
*aupouria* (Powell, 1940) (P1. 225) A.\*  
*barkeri* (Powell, 1952) (P1. 225) A.\*  
*finlayi* (Powell, 1940) (P1. 225) A.\*  
*otagoensis* (Dell, 1956) (P1. 225) F.\*  
*ovulis* (Dell, 1956) (P1. 225) F.M.\*  
*subantarctica* (Powell, 1933) (P1. 225) An.\*  
*trilli* (Hutton, 1873) (P1. 224; Gr1. 44; Bu17. 421) C.F.\*
- CANCELLARIIDAE: ADMETINAE  
*Admete* Kröyer in Möller, 1842 (*A. crispa* Möller)  
*harpovoluta* Powell, 1957 (P1. 224) An.\*  
*Bonellitia* Jousseaume, 1877 (*Cancellaria bonelli* Bellardi)
- superstes* Finlay, 1930 (P1. 224) A.C.\*
- DRILLIIDAE 723, 728, 792  
*Splendrilla* Hedley, 1922 (*Drillia woodsii* Beddome)  
*notema* Finlay, 1930 (P1. 232) A.C.F.\*  
*armata* Powell, 1942 (Bu6. 98) F.\*  
*benthicola* Dell, 1956 (P1. 232) F.M.\*  
*campbellensis* Sysoev & Kantor, 1989 (Sy2. 206) An.\*  
*chathamensis* Sysoev & Kantor, 1989 (Sy2. 208; Ta1. 127) M.\*  
*debilis* Finlay, 1927 (P1. 232) A.C.F.\*  
*hermata* Dell, 1956 (P1. 233) C.\*  
*jacula* Dell, 1956 (P1. 233) F.\*  
*kapuranga* Dell, 1953 (P1. 233) M.\*  
*kingmai* Marwick, 1965 (Bu6. 99) C.F.\*  
*larochi* Powell, 1940 (P1. 233) A.\*  
*majorina* Beu, 1979 (Bu6. 100) C.\*  
*otagoensis* Powell, 1942 (P1. 233) F.\*  
*roseacincta* Dell, 1956 (P1. 233) M.\*  
*runcinata* Dell, 1956 (P1. 233) M.\*  
*zeobliqua* Beu, 1979 (Bu6. 100) C.\*  
*(Hanturua)* Powell, 1942 (*Syntomodrillia* (H.) *vivens* Powell)  
*vivens* (Powell, 1942) (P1. 234) A.F.M.\*
- TURRIDAE: TURRINAE 728  
*Lincerapex* Iredale, 1936 (*Pleurotoma caseria* Hedley & Petterd)  
*angustatus* (Powell, 1940) (P1. 228) A.C.M.\*
- TURRIDAE: COCHLESPIRINAE 174, 728  
*Aforia* Dall, 1889 (*Pleurotoma circinata* Dall)  
*lepta* (Watson, 1881) (Sy1. 107; Ta1. 127) An.\*  
*Anticomitas* Powell, 1942 (*A. vivens* Powell)  
*vivens* Powell, 1942 (P1. 229) A.\*  
*Antimelatoma* Powell, 1942 (*Drillia maorum* E.A. Smith)  
*aliparana* Powell, 1942 (P1. 231) A.\*  
*benthicola* Powell, 1942 (P1. 232) F.\*  
*buchanani maorum* (E. A. Smith, 1877) (P1. 231) A.\*  
*Comitas* Finlay, 1926 (*Surcula oamarutica* Suter)  
*onokeana vivens* Dell, 1956 (P1. 229) A.C.F.M.\*  
*trilli* (Hutton, 1873) (P1. 229) F.\*  
*Leucosyrinx* Dall, 1889 (*Pleurotoma verrilli* Dall)  
*canyonensis* (Dell, 1956) (P1. 230) F.\*  
*pikeri* (Dell, 1963) (P1. 230) A.\*  
*Paracomitas* Powell, 1942 (*Surcula castlecliffensis* Marshall & Murdoch)  
*angusta angusta* (Murdoch & Suter, 1906) (P1. 229) A.\*  
*angusta powelli* Dell, 1956 (P1. 229) C.\*  
*gypsata* (Watson, 1881) (P1. 230) A.\*  
*(Macrosimus)* Beu, 1970 (*M. flemingi* Beu)  
*humuria* Beu, 1979 (Bu6. 98) C.F.\*
- TURRIDAE: CRASSISPIRINAE 728, 792  
*Aoteadrillia* Powell, 1942 (*Pleurotoma wanganniensis* Hutton)  
*bulbacea* (Watson, 1881) (P1. 231) A.\*  
*chordata* (Suter, 1908) (Bu17. 368) A.F.\*  
*otagoensis* Powell, 1942 (P1. 231) F.\*  
*wanganniensis* (Hutton, 1873) (P1. 231; Bu17. 368) ?C.\*

*Austrodrillia* Hedley, 1918 (*Pleurotoma angasi* Crosse)  
*rawitensis* Hedley, 1922 (P1. 231; Mx2. 63) A.  
(*Regidrillia*) Powell, 1942 (A. (R.) *sola* Powell)  
*secunda* Powell, 1965 (P1. 232) A.\*  
*sola* Powell, 1942 (P1. 232) A.\*

CONIDAE: CONINAE 202, 471, 563, 594,  
595, 645, 651, 728, 824

*Conus* Linné, 1758 (*C. marmoreus* Linné)  
*howelli* Iredale, 1929 (Mr9. 495) A.\*  
*lischkeanus kermadecensis* Iredale, 1912 (P1. 245; Cm1.  
10) A.  
*plinthus* Richard & Moolenbeek, 1988 (Rc1. 235) A.\*  
*raoulensis* Powell, 1958 (Mr9. 495) A.\*  
*smirna* Bartsch & Rehder, 1943 (Mr9. 499) A.\*  
*teramachii* (Kuroda, 1901) (Mr9. 499) A.\*

CONIDAE: CLATHURELLINAE 728

*Atwateria* Suter, 1917 (*A. streptophora* Suter)  
*optabilis* (Murdoch & Suter, 1906) (P1. 230; Mx2. 67;  
Bu17. 302) A.\*  
*Bathytoma* Harris & Burrows, 1891 (*Murex cataphractus*  
Brocchi)  
(*Micantapex*) Iredale, 1936 (*B. agnata* Hedley & Petterd)  
*finlayi* (Powell, 1940) (P1. 235) A.\*  
(*Riuguhdrillia*) Oyama, 1951 (*Drillia engonia* Watson)  
*parengonius* (Dell, 1956) (P1. 235) A.C.M.\*  
*Maorimorpha* Powell, 1939 (*Mitromorpha suteri* Murdoch)  
*secunda* Powell, 1942 (P1. 237) F.\*  
*suteri* (Murdoch, 1905) (P1. 237) F.\*  
*Mitromorpha* Carpenter, 1865 (*M. filosa* Carpenter)  
(*Mitrolumna*) Bucquoy, Dautzenberg & Dollfus, 1883  
(*Mitra olivoidea* Cantraine) (= *Itia* Marwick =  
*Mitrithara* Hedley)  
*barrierensis* (Powell, 1942) (P1. 236) A.\*  
*benthicola* (Dell, 1962) (P1. 236) F.\*  
*gemmata* Suter, 1908 (P1. 236; Bu17. 303) F.An.\*  
*granulifera* (Powell, 1937) (P1. 236) A.\*  
*regis* (Powell, 1937) (P1. 236) A.\*  
*Phenatoma* Finlay, 1924 (*Pleurotoma novaezelandiae*  
Reeve)  
*rosea* (Quoy & Gaimard, 1833) (P1. 234) A.C.F.M.  
*zealandica* (E. A. Smith, 1877) (P1. 234) A.C.F.  
*Scrinium* Hedley, 1922 (*Mitromorpha brazieri* E.A. Smith)  
*neozelanicum* (Suter, 1908) (P1. 236) A.\*  
*Tomopleura* Casey, 1904 (*Pleurotoma nivea* Philippi)  
(*Maoritomella*) Powell, 1942 (*Pleurotoma albula* Hutton)  
*albula* (Hutton, 1873) (P1. 234) A.C.F.\*  
*ischma* (Watson, 1881) (P1. 234) A.\*  
*multiplex* (Webster, 1906) (P1. 235) A.\*  
*orientalis* (Dell, 1956) (P1. 235) C.\*

CONIDAE: DAPHNELLINAE 728

*Asperdaphne* Hedley, 1922 (*Daphnella versivestita* Hedley)  
*aculeata* (Webster, 1906) (P1. 244) A.\*  
*expeditionis* Dell, 1956 (P1. 244) M.\*  
*ula* (Watson, 1881) (P1. 244) A.C.F.\*  
*Daphnella* Hinds, 1844 (*Pleurotoma lymaeiformis* Kiener)  
*cancellata* Hutton, 1878 (P1. 242) A.  
*Nepotilla* Hedley, 1918 (*Daphnella bathentoma* Verco)

*finlayi* Powell, 1937 (P1. 243) A.\*  
*nitidula* Powell, 1940 (P1. 244) A.  
*powelli* Dell, 1956 (P1. 244) M.\*  
*vera* Powell, 1940 (P1. 244) A.

*Stilla* Finlay, 1926 (*Mangilia flexicostata* Suter)

*anomala* Powell, 1955 (P1. 242) An.\*  
*delicatula* Powell, 1927 (P1. 242) F.An.\*  
*fiordlandica* Fleming, 1948 (P1. 243) F.\*  
*flexicostata* (Suter, 1899) (P1. 243) F.An.\*  
*paucicostata* Powell, 1937 (P1. 243) A.\*

*Vepracula* Melvill, 1917 (*Clathurella sykesii* Melvill &  
Standen)

*cooperi* Mestayer, 1919 (P1. 242) A.\*

*Xanthodaphne* Powell, 1942 (*Pleurotoma membranacea*  
Watson)

*maoria* Dell, 1956 (P1. 245) M.\*  
*membranacea* (Watson, 1886) (P1. 245) C.\*

*xanthias* (Watson, 1886) (P1. 245) C.\*

*Zenepos* Finlay, 1928 (*Daphnella totolirata* Suter)

*totolirata* (Suter, 1908) (P1. 244) F.An.\*

CONIDAE: MANGELIINAE 728

*Antiguraleus* Powell, 1942 (*A. otagoensis* Powell)

*abernethyi* Dell, 1956 (P1. 239) M.\*

*fenestratus* Powell, 1942 (P1. 239) A.\*

*fusiformis* Dell, 1956 (P1. 240) F.\*

*infandus* (Webster, 1906) (P1. 240) A.\*

*multistriatus* Dell, 1956 (P1. 240) M.\*

*mundus* (Suter, 1909) (P1. 240) C.\*

*murrheus* (Webster, 1906) (P1. 240) A.\*

*otagoensis* Powell, 1942 (P1. 240) F.\*

*pedicus* Powell, 1942 (P1. 240) F.An.\*

*pulcherrimus* Dell, 1956 (P1. 240) M.\*

*rossianus* Powell, 1942 (P1. 240) An.\*

*subtruncatus* Powell, 1942 (P1. 241) F.\*

*Heterocithara* Hedley, 1922 (*Clathurella bilineata* Angas)

*mediocris* Odhner, 1924 (P1. 242) A.\*

*Liracraea* Odhner, 1924 (*Clathurella epentroma* Murdoch)

*epentroma epentroma* (Murdoch, 1905) (P1. 241) F.\*

*epentroma subantarctica* Powell, 1942 (P1. 241) An.\*

*epentroma whangaroaensis* (Murdoch, 1905) (P1. 241)

F.\*

*odhneri odhneri* Powell, 1942 (P1. 241) A.C.F.\*

*odhneri benthicola* Dell, 1956 (P1. 241) F.M.\*

*otakaui* Powell, 1942 (P1. 241) F.\*

*Neoguraleus* Powell, 1939 (*Drillia sinclairi* Gillies)

*amoenus* (E. A. Smith, 1884) (P1. 237) A.\*

*benthicolus* Powell, 1942 (P1. 237) F.\*

*finlayi* Powell, 1942 (P1. 237) C.F.

*huttoni* (E. A. Smith, 1915) (P1. 237) A.

*interruptus* Powell, 1942 (= *sandersonae* Powell, not

Bucknill) (P1. 237) A.

*lyallensis lyallensis* (Murdoch, 1905) (P1. 238) C.F.

*lyallensis tenebrosus* (Powell, 1926) (P1. 238) A.

*manukauensis* Powell, 1942 (P1. 238) A.

*murdochi* (Finlay, 1924) (P1. 238) A.C.F.\*

*oruensis* Powell, 1942 (P1. 238) C.

*sandersonae* (Bucknill, 1927) (P1. 238) A.

*sinclairi* (Gillies, 1882) (P1. 238) A.C.F.M.

- CONIDAE: TARANINAE 728  
*Taranis* Jeffreys, 1870 (*Trophon mörchi* Malm)  
*benthicola* (Dell, 1956) (P1. 226) F.M.\*  
*gratiosa* (Suter, 1908) (P1. 228) F.\*  
*imporcata* (Dell, 1962) (P1. 228) F.\*  
*nexilis bicarinata* (Suter, 1915) (P1. 228) A.\*  
*nexilis recens* (Fleming, 1948) (P1. 228) F.\*  
*spirulata* (Dell, 1962) (P1. 228) F.\*
- TEREBRIDAE: TEREBRINAE 125, 728  
*Terebra* Bruguière, 1789 (*Buccinum subulatum* Linné)  
*circumcincta* Deshayes, 1857 (P1. 246) A.\*
- TEREBRIDAE: PERVICACIINAE 125, 727, 728  
*Pervicacia* Iredale, 1924 (*Terebra ustulata* Deshayes)  
*tristis* (Deshayes, 1859) (= *flexicostata* Suter = *propelevis* Ponder) (P1. 246; Bt1. 113; Ta1. 155) A.C.
- Subclass Heterobranchia**  
**Order Heterostropha**
- ORBITESTELLIDAE 348, 482, 613, 622  
*Orbitestella* Iredale, 1917 (*Cyclostrema bastowi* Gatliff)  
*hinemoa* Mestayer, 1919 (P1. 118) F.M.An.\*  
*parva* (Finlay, 1924) (= *vera* Powell) (P1. 79, 118; Pr15. 531) A.C.F.M.An.  
*toreuma* Powell, 1930 (P1. 118) A.M.\*  
*Microdiscula* Thiele, 1912 (*M. vanhoeffeni* Thiele)  
*subcanaliculata* (E.A. Smith, 1875) (Pr10. 32) An. sp. (Pr15. 531) An.\*
- XYLODISCULIDAE 776  
*Xylodiscula* Marshall, 1988 (*X. vitrea* Marshall)  
*eximia* Marshall, 1988 (Mr20. 989; Wr5. 181) A.\*  
*librata* Marshall, 1988 (Mr20. 991) A.\*
- HYALOGYRINIDAE 348, 779, 781  
*Hyalogyra* Marshall, 1988 (*H. expansa* Marshall)  
*expansa* Marshall, 1988 (Mr20. 982; Wr6. 52) A.C.\*  
*Hyalogyrina* Marshall, 1988 (*H. glabra* Marshall)  
*glabra* Marshall, 1988 (Mr20. 985; Wr6. 49) A.C.M.\*
- ARCHITECTONICIDAE 14, 102, 103, 104, 107, 348, 591, 670, 820  
*Adelphotectonica* Bieler, 1987 (*Solarium reevei* Hanley)  
*nomotoi* (Kosuge, 1979) (Bi3. 107) A.\*  
*reevei* (Hanley, 1862) (P1. 247; Bi1. 208; Bi3. 99) A.  
*Granosolarium* Sacco, 1892 (*Solarium millegranum* Lamarck) (= *Claraxis* Iredale)  
*aspersum* (Hinds, 1844) (= *illustris* Iredale) (P1. 247; Gr2. 554; Bi2. 217; Bi3. 143) A.\*  
*Heliacus* d'Orbigny in Sagra, 1842 (*Solarium herberti* Deshayes)  
*areola areola* (Gmelin, 1791) (Bi3. 191) A.  
*variegatus* (Gmelin, 1791) (Bi3. 185) A.  
(*Gyriscus*) Tiberi, 1867 (*G. jeffreysianus* Tiberi)  
*astekformis* (Powell, 1965) (P1. 247; Bi2. 209; Bi3. 273) A.\*  
(*Torinista*) Iredale, 1936 (*T. popula* Iredale)
- caelatus* (Hinds, 1844) (= *costatus* Garrard not Schepman) (Gr2. 544; Bi3. 243) A.\*  
*costatus* (Schepman, 1909) (Bi3. 246) A.\*  
*hyperionis* Bieler, 1993 (Bi3. 236) A.\*  
*implexus* (Mighels, 1845) (= *maorianus* Powell) (P1. 249; Bi3. 205) A.\*  
*Philippia* Gray, 1847 (*Solarium luteum* Lamarck)  
*lutea* (Lamarck, 1822) (P1. 248; Bi3. 110) A.  
*Pseudomalaxis* Fischer, 1885 (*Bifrontia? zanclaea* Philippi) (= *Mangonua* Mestayer)  
*zanclaeus meridionalis* (Hedley, 1903) (= *bollonsi* Mestayer) (P1. 248; Gr2. 563; Mx3. 171; Bi3. 315) A.\*  
*Pseudotorinia* Sacco, 1892 (*Solarium obtusum* Bronn) (= *Awarua* Mestayer)  
*amoena* (Murdoch & Suter, 1906) (P1. 248; Gr2. 551; Bi3. 284) A.C.\*  
*Psilaxis* Woodring, 1928 (*Architectonica (Philippia) krebsii* Mörch)  
*oxytropis* (A. Adams, 1855) (P1. 248; Gr2. 526; Bi3. 125) A.  
*radiatus* (Röding, 1798) (P1. 248; Gr2. 527; Bi3. 117) A.  
*Solatisonax* Iredale, 1931 (*S. injussa* Iredale)  
cf. *supraradiata* (Martens, 1904) (Bi3. 168) A.\*  
*Zerotula* Finlay, 1926 (*Discohelix hedleyi* Mestayer)  
*ammonitoides* Powell, 1940 (P1. 248) A.\*  
*bicarinata* (Suter, 1908) (P1. 249) A.F.An.\*  
*crenulata* Powell, 1937 (P1. 249) A.\*  
*hedleyi* (Mestayer, 1916) (P1. 249) A.\*  
*nautiliformis* Powell, 1927 (P1. 249) F.\*  
*nummularia* Powell, 1940 (P1. 249) A.\*  
*ramosa* Powell, 1940 (P1. 249) A.\*  
*triangulata* Powell, 1937 (P1. 249) A.\*
- MATHILDIDAE 104  
*Brookesena* Finlay, 1926 (*Mathilda neozelanica* Suter)  
*neozelanica* (Suter, 1908) (P1. 137; Pr12. 108) F.An.\*  
*succincta* (Suter, 1908) (P1. 137) F.An.\*  
*Fimbriatella* Sacco, 1895 (*Certhium fimbriatum* Michelotti)  
*maoria* (Powell, 1940) (P1. 250; Mx2. 72) A.\*  
*Gegania* Jeffreys, 1884 (*G. pinguis* Jeffreys)  
*valkyrie* Powell, 1971 (P1. 250) A.\*  
*Mathildona* Iredale, 1929 (*M. euglypta* Iredale)  
*cookiana* Dell, 1956 (P1. 250) C.\*  
*Opimilda* Iredale, 1929 (*Mathilda decorata* Hedley)  
*decorata aupouria* Dell, 1956 (P1. 250) A.\*
- RISSEOELLIDAE 348, 613  
*Rissoella* Gray, 1850 ("Risson? glaber Alder")  
*elongatospira* Ponder, 1966 (P1. 119) A.C.F.M. (Subgenus?)  
*flemingi* Ponder, 1968 (P1. 120) A.C.F.M. (*Jeffreysiella*) Thiele, 1912 (*J. notabilis* Thiele)  
*rissoaformis* (Powell, 1939) (P1. 120) C.F. (*Zelaxitas*) Finlay, 1926 (*Laevitorina cystophora* Finlay)  
*cystophora* (Finlay, 1924) (P1. 120) C.F.M.  
*micra* (Finlay, 1924) (P1. 120; Pr3. 152) A.C.F.M.
- OMALOGYRIDAE 348  
*Omalogyra* Jeffreys, 1860 (*Truncatella atomus* Philippi)



*fusca* Suter, 1908 (P1. 120) A.C.

PYRAMIDELLIDAE: ODOSTOMIINAE 348, 775

- Agatha* A. Adams, 1860 (*A. virgo* A. Adams)  
*georgiana* (Hutton, 1885) (P1. 265) A.C.F.  
*Besla* Dall & Bartsch, 1904 (*Chrysallida convexa* Carpenter)  
*rossiana* Laws, 1941 (P1. 266) An.\*  
*subrugata* (Powell, 1927) (P1. 266) F.\*  
*vaga* Laws, 1941 (P1. 266) A.C.F.\*  
*waitangiensis* Laws, 1941 (P1. 266) M.  
*Evalea* A. Adams, 1860 (*E. elegans* A. Adams)  
*liricincta* (Suter, 1908) (P1. 265) F.\*  
*plana* Laws, 1941 (P1. 265) An.\*  
*propria* Laws, 1941 (P1. 265) F.  
*sabulosa* (Suter, 1908) (P1. 265) F.An.\*  
*Gumina* Finlay, 1928 (*Odostomia dolichostoma* Suter)  
*dolichostoma* (Suter, 1908) (P1. 264) A.C.F.M.  
*minor* Laws, 1940 (P1. 264) A.\*  
*lvidella* Dall & Bartsch, 1909 (*Odostomia (I.) navisa* Dall & Bartsch)  
*maoria* Powell, 1940 (P1. 267) A.\*  
*Linopyrga* Laws, 1941 (*Odostomia rugata* Hutton)  
*rugata rugata* (Hutton, 1886) (P1. 265) A.C.F.An.  
*rugata parva* Laws, 1941 (P1. 265) A.\*  
*Obexomia* Laws, 1941 (*Odostomia denselirata* Suter)  
*denselirata* (Suter, 1908) (P1. 266) A.\*  
*Odostomia* Fleming, 1813 (*Turbo plicata* Montagu)  
*acutangula* Suter, 1908 (P1. 262) F.\*  
*aucklandica* Laws, 1939 (P1. 262) An.  
*chordata* Suter, 1908 (P1. 262) A.\*  
*corpulentoides* Dell, 1956 (P1. 263) M.\*  
*cryptodon* Suter, 1908 (P1. 263) C.F.M.  
*geoffreyi* Laws, 1939 (P1. 263) A.  
*haurakiensis* Laws, 1939 (P1. 263) A.  
*hyphala* Watson, 1886 (P1. 263) A.\*  
*incidata* Suter, 1908 (P1. 263) A.F.\*  
*manukauensis* Laws, 1939 (P1. 263) A.  
*murdochi* Suter, 1913 (P1. 263) F.  
*parvacutangula* Laws, 1939 (P1. 263) An.\*  
*pedica* Laws, 1939 (P1. 263) An.\*  
*pervaga* Laws, 1939 (P1. 264) A.  
*pudica* Suter, 1908 (P1. 264) A.  
*takapunaensis* Suter, 1908 (P1. 264) A.  
*taumakiensis* Suter, 1908 (P1. 264) F.\*  
*vaga* Laws, 1939 (P1. 264) A.C.F.An.\*  
*vestalis* Murdoch, 1905 (P1. 264) A.  
*Puposyrnola* Cossmann, 1921 (*Auricula acicula* Lamarck)  
*fastigiata* (Suter, 1906) (P1. 260) A.\*  
*missile* Laws, 1937 (P1. 260) A.\*  
*Rissopsetia* Dell, 1956 (*R. maoria* Dell)  
*maoria* Dell, 1956 (P1. 267; Pr12. 106; Wr2. 24) A.C.\*  
*Siogamaia* Nomura, 1936 (*Tropaeas (S.) fortiplicata* Nomura)  
*morioria* Laws, 1941 (P1. 267) M.  
*Striodostomia* Laws, 1940 (*S. orewa* Laws)  
*orewa* Laws, 1940 (P1. 266) A.  
*Syrnola* A. Adams, 1860 (*S. gracillima* A. Adams)  
(= *Finlayola* Laws)  
*crawfordi* Powell, 1927 (P1. 260) A.\*

*lurida* (Suter, 1908) (P1. 260) A.\*

*menda* Finlay, 1926 (P1. 260) A.\*

*Terelimella* Laws, 1938 (*T. ototarana* Laws)

*aupouria* (Powell, 1937) (P1. 262) A.\*

*benthicola* Dell, 1956 (P1. 262) F.\*

*larochei* (Powell, 1930) (P1. 262) A.\*

PYRAMIDELLIDAE: TURBONILLINAE 348, 554

*Chemnitzia* d'Orbigny, 1839 (*Melania campanellae* Philippi)

*acer* Laws, 1937 (P1. 259) F.\*

*aoteana* Powell, 1930 (P1. 257) A.\*

*barrierensis* Laws, 1937 (P1. 257) A.\*

*bucknilli* Laws, 1937 (P1. 257) A.

*campbellica* (Odhner, 1924) (P1. 258) An.

*cookiana* Laws, 1937 (P1. 257) A.

*dunedinensis* Laws, 1937 (P1. 257) F.\*

*errabunda* Laws, 1937 (P1. 257) A.F.\*

*finlayi* (Powell, 1926) (P1. 257) A.C.

*forsteriana* Laws, 1937 (P1. 257) F.\*

*informis* Laws, 1937 (P1. 258) A.

*jactura* Laws, 1937 (P1. 258) F.\*

*kingi* Laws, 1937 (P1. 258) A.\*

*lamyi* (Hedley, 1916) (P1. 259) An.

*lawsi* Powell, 1937 (P1. 258) A.\*

*lillingtoniana* Laws, 1937 (P1. 259) F.An.\*

*mitis* Laws, 1937 (P1. 259) A.M.\*

*owenga* Laws, 1937 (P1. 258) M.\*

*powelli* (Bucknill, 1924) (P1. 258) A.

*rakiura* Laws, 1937 (P1. 259) F.\*

*scala* Laws, 1937 (P1. 259) F.\*

*stipes* Laws, 1937 (P1. 258) A.\*

*vegrandis* Laws, 1937 (P1. 258) F.\*

*verecunda* Laws, 1937 (P1. 258) A.\*

*vigilia* Laws, 1937 (P1. 258) A.\*

*waitemata* Laws, 1937 (P1. 258) A.\*

*zealandica* Hutton, 1873 (P1. 258) C.F.

*Eulimella* Jeffreys, 1847 (*Eulima macandrei* Jeffreys)

*coena* Webster, 1905 (P1. 261) A.

*levilirata* Murdoch & Suter, 1906 (P1. 261) A.C.F.\*

*limbata* (Suter, 1907) (P1. 262) A.C.F.\*

*Planpyrgiscus* Laws, 1937 (*T. extenuata* Marwick)

*lawsi* Dell, 1956 (= *delli* Powell) (P1. 259) F.\*

*Pyrgiscilla* Laws, 1937 (*Turbonilla (Strioturbonilla) chat-*

*tonensis* Marwick) (= *Strioturbonilla* of authors)

*otakauica* Laws, 1937 (P1. 259) F.\*

*taiaroa* (Laws, 1937) (P1. 259) F.\*

*Striarcana* Laws, 1937 (*S. cryptolira* Laws)

*cryptolira* Laws, 1937 (P1. 259) A.C.M.

*tauranga* Laws, 1937 (P1. 259) A.

*Turbonilla* Risso, 1826 (*T. costulata* Risso)

*eques* Laws, 1937 (P1. 256) A.\*

*haroldi* Laws, 1937 (P1. 256) F.\*

*moorei* Laws, 1937 (P1. 256) F.\*

*suteri* Powell, 1926 (P1. 256) F.\*

Subclass Opisthobranchia  
Order Cephalaspidea

## RINGICULIDAE

- Ringicula* Deshayes, 1838 (*Auricula ringens* Lamarck)  
(*Ringiculina*) Monterosato, 1884 (*Ringicula leptocheila*  
Brugnone)  
*delecta* Murdoch & Suter, 1906 (P1. 270) A.C.F.M.\*

## ACTEONIDAE

- Acteon* Montfort, 1810 (*Voluta tornatilis* Gmelin)  
*variegatus* (Bruguière, 1789) (P1. 268) A.\*  
(*Maxacteon*) Rudman, 1971 (*M. hancocki* Rudman)  
*cratericulatus* (Hedley, 1906) (P1. 268) A.\*  
*hancocki* (Rudman, 1971) (P1. 268) A.\*  
*milleri* (Rudman, 1971) (P1. 269) A.\*  
*Pupa* Röding, 1798 (*Voluta solidula* Linné)  
*kirki* (Hutton, 1873) (P1. 269) A.C.  
*Neactaeonina* Thiele, 1912 (*Acteonina cingulata* Strebel)  
*inexpectata* Dell, 1956 (P1. 270) F.M.\*  
*Tenuiacteon* Aldrich, 1921 (*T. pertenuis* Aldrich)  
*ambiguus* (Hutton, 1885) (Bu17. 369) A.\*

## BULLINIDAE

- Bullina* Férussac, 1822 (*Bulla scabra* Chemnitz)  
cf. *lauta* Pease, 1860 (P1. 270) A.  
*lineata* (Gray, 1825) (P1. 269) A.  
cf. *melior* (Iredale, 1929) (P1. 270) A.  
*roseana* Rudman, 1971 (P1. 270) A.\*

## HYDATINIDAE

- Hydatina* Schumacher, 1817 (*Bulla physis* Linné)  
*albicincta* (van der Hoeven, 1839) (P1. 270) A.  
*physis* (Linné, 1758) (P1. 270) A.

## RETUSIDAE

- Retusa* Brown, 1827 (*Bulla obtusa* Montagu)  
*oruaensis* (Webster, 1908) (P1. 276) A.C.M.  
(*Reliclma*) Rudman, 1971 (*Tornatina murdochi* Suter)  
*aupouria* Powell, 1937 (P1. 276) A.\*  
*pachys* (Watson, 1883) (P1. 276) C.F.M.\*  
*simplex* (Murdoch & Suter, 1906) A.M.\*  
*Rhizorus* Montfort, 1810 (*R. adelaidis* Montfort)  
*nesentus* Finlay, 1926 (P1. 277) A.C.\*  
*Volvulella* Newton, 1891 (*Bulla rostrata* A. Adams)  
*truncata* Dell, 1956 (P1. 277) F.M.\*

## CYLICHNIDAE

- Cylichna* Lovén, 1846 (*Bulla cylindracea* Pennant)  
*bulloides* Dell, 1956 (P1. 272) M.\*  
*thetidis* Hedley, 1903 (P1. 271) A.  
*zealandica* Kirk, 1880 (P1. 271) C.\*  
*Cylichnina* Monterosato, 1884 (*Cylichna strigella* Lovén)  
*opima* Finlay, 1926 (P1. 277) A.C.  
*striata* (Hutton, 1873) (P1. 277) C.F.M.An.  
*Scaphander* Montfort, 1810 (*Bulla lignaria* Linné)  
*otagoensis* Dell, 1956 (P1. 271) F.\*

## PHILINIDAE

- Philine* Ascanius, 1772 (*Bulla aperta* Linné)  
*angasi* Crosse & Fischer, 1865 (P1. 272) A.  
*auniformis* Suter, 1909 (P1. 272) A.C.F.  
*constricta* Murdoch & Suter, 1906 (P1. 272) A.C.M.\*

- powelli* Rudman, 1970 (P1. 272) A.C.F.  
*umbilicata* Murdoch & Suter, 1906 (P1. 272) A.F.\*

## AGLAJIDAE

- Aglaja* Renier, 1807 (*A. tricolorata* Renier)  
*lineolata* (H. & A. Adams, 1854) (W112. 19) A.\*  
*Melanochlamys* Cheeseman, 1881 (*M. cylindrica* Cheeseman)  
*cylindrica* Cheeseman, 1881 (P1. 272) A.C.F.  
*lorrainae* (Rudman, 1968) (P1. 273) A.C.  
*virgo* (Rudman, 1968) (P1. 283) A.\*  
*Philinopsis* Pease, 1860 (*P. speciosa* Pease)  
*taronga* Allan, 1933 (= *Chelidonura aureopunctata*  
Rudman) (P1. 273; Ru1. 391; W112. 19) A.\*

## DIAPHANIDAE: DIAPHANINAE

- Austrodiaphana* Pilsbry, 1893 (*Diaphana brazieri* Angas)  
*colei* Fleming, 1948 (P1. 274) F.\*  
*flemingi* Powell, 1955 (P1. 274) An.\*  
*maungamuica* Powell, 1952 (P1. 274) A.\*

## DIAPHANIDAE: TOLEDONINAE

- Toledonia* Dall, 1902 (*T. perplexa* Dall)  
*succineaformis* Powell, 1955 (P1. 274) An.\*

## RUNCINIDAE

730, 800

- Pseudoilbia* Miller & Rudman, 1968 (*P. lineata* Miller &  
Rudman)  
*lineata* Miller & Rudman, 1968 (P1. 274) A.  
*Runcina* Forbes & Hanley, 1853 (*Pelta coronata* Quatre-  
fages) (= *Runcica* Miller & Rudman)  
*katipoides* (Miller & Rudman, 1968) (P1. 274; Th2.  
345) A.C.  
*Runcinella* Odhner, 1924 (*R. zelandica* Odhner)  
*zelandica* Odhner, 1924 (P1. 274; W18. 6) A.

## BULLIDAE

- Bulla* Linné, 1758 (*B. ampulla* Linné)  
*angasi* Pilsbry, 1893 (= *vernica* Powell, 1979 not  
Gould) (P1. 275; W12. 60) A.  
*quoyii* Gray in Dieffenbach, 1843 (P1. 275; W12. 58)  
A.C.

## HAMINOEIDAE

173, 221, 291

- Haminoea* Turton & Kingston in Carrington, 1830 (*Bulla*  
*hydatis* Linné)  
*zelandiae* (Gray in Dieffenbach, 1843) (P1. 275) A.C.  
*Linulatys* Iredale, 1936 (*L. reliquus* Iredale)  
*reliquus* Iredale, 1936 (P1. 276) A.\*

## Order Anaspidea

## APLYSIIDAE

168

- Aplysia* Linné, 1767 (*Tethys depilans* Linné)  
*juliana* (Quoy & Gaimard, 1832) (= *nigra brunnea*  
Hutton) (P1. 280; W112. 34) A.C.F.  
(*Varria*) Eales, 1960 (*A. dactylomela* Rang)  
*dactylomela* Rang, 1828 (P1. 280) A.  
*extraordinaria* (Allan, 1932) (W112. 1) A.

*keraudreni* Rang, 1828 (P1. 281) A.C.F.  
*(Pruvotaplysia)* Engel, 1936 (*A. parvula* Guilding in Mörch)  
*parvula* Guilding in Mörch, 1863 (P1. 281) A.C.F.  
*Bursatella* de Blainville, 1817 (*B. leachii* de Blainville)  
*leachii* de Blainville, 1817 (= *glauca* Cheeseman) (P1. 282; W112. 35) A.  
*Dolabrifera* Gray, 1847 (*Dolabella dolabrifera* Cuvier)  
*brazieri* Sowerby, 1870 (P1. 281) A.  
*Stylocheilus* Gould, 1852 (*Aplysia longicauda* Quoy & Gaimard)  
*longicauda* (Quoy & Gaimard, 1825) (P1. 281) A.

### Order Sacoglossa

OXYNOIDAE 290, 412  
*Oxynoe* Rafinesque, 1819 (*O. olivacea* Rafinesque)  
*viridis* (Pease, 1861) (W112. 39) A.C.

STILIGERIDAE 112, 113, 290, 412, 751  
*Stiliger* Ehrenberg, 1831 (*Doris ornatus* Ehrenberg)  
*felinus* (Hutton, 1882) (P1. 283) A.C.F.  
*Placida* Trinchese, 1876 (*P. viridis* Trinchese)  
*dendritica* (Alder & Hancock, 1843) (= *aoteana* Powell) (P1. 283; By1. 171; Je1. 246) A.C.F.

ELYSIIDAE 290, 412  
*Elysia* Risso, 1818 (*Notarchus timidus* Risso)  
*maoria* Powell, 1937 (P1. 283; Je1. 222) A.C.

### Order Thecosomata

SPIRATELLIDAE 2, 33  
*Spiratella* de Blainville, 1817 (*Clio helicina* Phipps)  
(= *Limacina* Bosc)  
*bulimoides* (d'Orbigny, 1836) (P1. 278; Be1. 763; We1. 1) A.C.  
*helicina* (Phipps, 1774) (P1. 278; Be1. 756; We1. 1; Mx3. 182) C.F.M.An.  
*lesueurii* (d'Orbigny, 1836) (Be1. 761; We1. 1) A.C.  
*retroversa* (Fleming, 1823) (= *balea* Möller) (P1. 278; Be1. 759; We1. 1) F.M.An.  
*trochiformis* (d'Orbigny, 1836) (Be1. 769; We1. 2) A.C.  
(*Embolus*) Jeffreys, 1869 (*Atlanta inflata* d'Orbigny)  
*inflata* (d'Orbigny, 1836) (P1. 278; Be1. 773; We1. 3) A.C.  
(*Thilea*) Strebel, 1908 (*T. procera* Strebel)  
*helicoides* Jeffreys, 1877 (P1. 278; We1. 3) F.An.

CAVOLINIIDAE: CAVOLINIINAE 2, 706  
*Cavolinia* Abildgaard, 1791 (*Cavolina natans* Abildgaard)  
*gibbosa* (d'Orbigny, 1836) (P1. 278; Be1. 768) A.C.  
*globulosa* (Gray, 1850) (Sp1. 98) A.  
*inflexa* (Lesueur, 1813) (P1. 278; Be1. 768) A.C.  
*tridentata* (Forsskål, 1775) (= *telemus* of authors not Linné) (P1. 278; Sp1. 94; Be1. 784) A.C.F.M.An.  
*umcinata* (Rang, 1829) (P1. 278; Sp1. 97; Be1. 771) A.C.

*Diacavolinia* van der Spoel, 1987 (*Hyalaea longirostris* de Blainville)  
*longirostris* (de Blainville, 1821) (P1. 278; Be1. 782; Sp3. 78) A.  
*Diacria* Gray, 1847 (*Hyalaea trispinosa* Lesueur)  
*major* (Boas, 1886) (Sp1. 86; Sp2. 50) A.  
*quadridentata* (de Blainville, 1821) (Be1. 786) A.  
*trispinosa* (de Blainville, 1821) (P1. 278; Sp1. 84; Sp2. 50; Be1. 785) A.C.F.M.An.

### CAVOLINIIDAE: CLIOINAE 2

*Clio* Linné, 1767 (*C. pyramidata* Linné)  
*antarctica* Dall, 1908 (Be1. 760) C.F.M.An.  
*convexa* (Boas, 1886) (Be1. 773) A.  
*cuspidata* (Bosc, 1802) (Be1. 781) A.C.F.M.  
*pyramidata* Linné, 1767 (P1. 279; Be1. 764) A.C.F.M.  
*sulcata* (Pfeffer, 1879) (P1. 279; Be1. 757) An.  
*Creseis* Rang, 1828 (*Cleodora (Creseis) virgula* Rang)  
*acicula* (Rang, 1828) (Be1. 777) A.  
*virgula* (Rang, 1828) (P1. 279; Be1. 776) A.C.  
*Hyalocylis* Fol, 1875 (*Cleodora (Creseis) striata* Rang)  
*striata* (Rang, 1828) (= *compressa* Eschscholtz) (P1. 279; Sp1. 64; Be1. 770) A.C.F.M.  
*Styliola* Gray, 1850 (*Cleodora subula* Quoy & Gaimard)  
*subula* (Quoy & Gaimard, 1827) (P1. 279; Sp1. 63; Be1. 763) A.C.F.M.

### CAVOLINIIDAE: CUVIERININAE 2

*Cuvierina* Boas, 1886 (*Cuvieria columnella* Rang)  
(= *Herse* Gistel not Oken)  
*columnella* (Rang, 1827) (P1. 279; Be1. 779) A.C.

### PERACLIDIDAE

*Peraclis* Forbes, 1844 (*Atlanta reticulata* d'Orbigny)  
sp. Massy, 1922 (P1. 280) A.  
*apicifulva* Meisenheimer, 1906 (Sp2. 30) A.C.\*  
*moluccensis* Tesch, 1903 (Sp2. 31) A.\*  
*reticulata* (d'Orbigny, 1836) (Sp2. 28) A.\*  
*valdiviae* (Meisenheimer, 1905) (Sp2. 33) A.\*

### CYMBULIIDAE

*Cymbulia* Péron & Lesueur, 1810 (*C. peroni* de Blainville)  
*parvidentata* Pelseneer, 1888 (P1. 280) C.

### Order Gymnosomata

#### PNEUMODERMATIDAE

*Pneumodermopsis* Keferstein, 1862 (*Pneumodermomon ciliatum* Gegenbaur)  
*paucidens* (Boas, 1886) (Sp2. 69) F.An.  
(*Crucibranchaena*) Pruvot-Fol, 1942 (*Pneumodermopsis macrochira* Meisenheimer)  
*macrochira* Meisenheimer, 1905 (Sp2. 73) A.C.F.  
*Schizobranchium* Meisenheimer, 1903 (*S. polycotylum* Meisenheimer)  
*polycotylum* Meisenheimer, 1903 (Sp2. 77) F.An.\*  
*Spongiobranchia* d'Orbigny, 1836 (*S. australis* d'Orbigny)  
*australis* d'Orbigny, 1836 (P1. 280; Sp2. 75) C.F.M. An.

*intermedia* Pruvot-Fol, 1926 (Sp2. 76) C.F.An.

#### NOTOBRANCHAEIDAE

- Microdonta* Bonnevie, 1913 (*M. longicollis* Bonnevie)  
*tetrabranchiata* (Bonnevie, 1913) (Sp2. 89) A.C.F.  
*Notobranchaea* Pelseneer, 1886 (*N. macdonaldi* Pelseneer)  
*macdonaldi* Pelseneer, 1886 (Sp2. 87) A.C.F.An.

#### CLIOPSIDAE

- Cliopsis* Troschel, 1854 (*C. krolui* Troschel)  
*krolui* Troschel, 1854 (Sp2. 93) A.C.F.M.An.

#### CLIONIDAE: THLIPTODONTINAE

- Thliptodon* Boas, 1886 (*T. gegenbauri* Boas)  
*diaphanus* (Meisenheimer, 1903) (Sp2. 99) A.C.F.An.  
*gegenbauri* Boas, 1886 (Sp2. 99) C.\*

#### HYDROMYLIDAE

- Hydromyles* Gistel, 1848 (*Psyche globulosa* Rang)  
*globulosa* (Rang, 1825) (Sp2. 118) A.C.F.M.An.

### Order Notaspidea

- UMBRACULIDAE 349, 588, 805  
*Umbraculum* Schumacher, 1817 (*Patella sinica* Gmelin)  
*umbraculum* (Lightfoot, 1786) (= *sinicum* Gmelin) (P1. 283; W114. 233) A.

- PLEUROBRANCHIDAE: PLEUROBRANCHINAE 349, 802, 803, 805, 811  
*Berthella* de Blainville, 1825 (*B. porosa* de Blainville)  
*medietas* Burn, 1962 (= *aurantiaca* Powell, not Risso, in part) (P1. 282; W110. 243; W115. 298) A.C.F.M. An.  
*ornata* (Cheeseman, 1878) (P1. 282; W110. 236) A.C.F.  
*Berthellina* Gardiner, 1936 (*B. engeli* Gardiner)  
*citrina* (Rüppell & Leuckart, 1828) (= *aurantiaca* Powell, not Risso, in part) (P1. 282; W110. 228) A.  
*Bathyberthella* Willan, 1983 (*B. zelandiae* Willan)  
*zelandiae* Willan, 1983 (W110. 248) F.\*

- PLEUROBRANCHIDAE: PLEUROBRANCHAEINAE 12, 349, 802, 803, 805  
*Pleurobranchaea* Meckel in Leue, 1813 (*Pleurobranchidium meckelii* de Blainville)  
*maculata* (Quoy & Gaimard, 1832) (= *novaezealandiae* Cheeseman = *granulosa* Bergh) (P1. 282, W110. 254) A.C.F.

### Order Nudibranchia

- POLYCERIDAE: POLYCERINAE  
*Polycera* Cuvier, 1817 (*Doris quadrilineata* Müller)  
*hedgpetli* Er. Marcus, 1964 (W111. 14) A.  
*Tambja* Burn, 1962 (*Nembrotha verconis* Basedow & Hedley)  
*affinis* (Eliot, 1904) (= *Nembrotha knobaryana* Powell not Bergh) (P1. 285; W111. 12, 14) A.\*

- morosa* (Bergh, 1877) (P1. 286; W111. 12) A.\*  
*verconis* (Basedow & Hedley, 1905) (W111. 12) A.\*  
*Thecacera* Fleming, 1828 (*Doris pennigera* Montagu)  
*pennigera* (Montagu, 1815) (W11. 347) A.

#### POLYCERIDAE: TRIOPHINAE

- Plocamophorus* Rüppell & Leuckart, 1828 (*P. ocellatus* Rüppell & Leuckart)  
*imperialis* Angas, 1864 (W111. 10) A.

#### VAYSSIERIDAE

- Okadaia* Baba, 1930 (*O. elegans* Baba)  
*cinnabarea* (Ralph, 1944) (P1. 285) A.C.

#### ONCHIDORIDIDAE

- Acanthodoris* Gray, 1850 (*Doris pilosa* Abildgaard in Müller)  
*globosa* Abraham, 1877 (P1. 286) ?  
*mollicella* Abraham, 1877 (P1. 286) A.C.F.An.  
*pilosa pallida* Bergh, 1905 (Bz1. 97) An.\*

#### OKENIIDAE

538, 808

- Goniodoris* Forbes & Goodsir, 1839 (*Doris nodosa* Montagu)  
*castanea* Alder & Hancock, 1845 (P1. 286) F.  
*punctata* Bergh, 1905 (P1. 286) C.\*  
*Okenia* Menke, 1830 (*O. elegans* Brown)  
*pellucida* Burn, 1967 (W111. 18) A.  
*plana* Baba, 1960 (P1. 286; W112. 91) A.  
*Trapania* Pruvot-Fol, 1931 (*Drepania fusca* Lafont)  
*brunnea* Rudman, 1987 (W118. 182) A.\*  
*rudmani* Miller, 1981 (M13. 6) A.C.

#### DORIDIDAE

539, 541, 542, 665

- Alloiodoris* Bergh, 1904 (*A. marmorata* Bergh)  
*lanuginata* (Abraham, 1877) (P1. 284) A.C.  
*Aphelodoris* Bergh, 1879 (*A. antillensis* Bergh)  
*luctuosa* (Cheeseman, 1882) (P1. 287; W112. 88) A.C.F.  
*Archidoris* Bergh, 1878 (*Doris brittanica* Johnston)  
*namila* Bergh, 1904 (P1. 284) F.An.  
*violacea* Bergh, 1904 (P1. 284) F.\*  
*wellingtonensis* (Abraham, 1877) (P1. 284) A.C.F.  
*Atagema* Gray, 1850 (*Doris carinata* Quoy & Gaimard)  
*carinata* (Quoy & Gaimard, 1832) (P1. 284) A.C.F.  
*Austrodoris* Odhner, 1926 (*Archidoris rubescens* Bergh)  
*kerguelensis* (Bergh, 1884) (Wg1. 183) An.  
*Doriopsis* Pease, 1860 (*D. granulosa* Pease)  
*flabellifera* (Cheeseman, 1881) (P1. 284; W112. 85) A.  
*Gargamella* Bergh, 1894 (*G. immaculata* Bergh)  
*novozealandica* Eliot, 1907 (P1. 287) A.  
*Hallaxa* Eliot, 1909 (*Halla decorata* Bergh)  
*gilva* Miller, 1987 (M15. 125) C.  
*Hoplodoris* Bergh, 1880 (*H. desmoparypha* Bergh)  
*novaezealandiae* (Bergh, 1904) (P1. 286; M18. 295) A.C.F.  
*Rostanga* Bergh, 1879 (*Doris coccinea* Forbes in Alder & Hancock)  
*muscula* (Abraham, 1877) (= *rubicunda* Cheeseman) (P1. 285; Ru4. 305) A.

*Trippla* Bergh, 1877 (*T. ornata* Bergh)  
*molesta* Miller, 1989 (M17. 244) A.

CHROMODORIDIDAE: CHROMODORIDINAE 393, 662, 663, 664

*Ceratosoma* J.E. Gray in M.E. Gray, 1850 (*Doris trilobata* J.E. Gray)

*amoena* (Cheeseman, 1886) (= *atopa* Bergh) (P1. 285; Ru3. 171) A.C.

*Chromodoris* Alder & Hancock, 1855 (*Doris magnifica* Quoy & Gaimard) (= *Lissodoris* Odhner)  
*aureomarginata* Cheeseman, 1881 (= *mollis* Odhner) (P1. 285; Ru2. 242) A.C.F.M.

CHROMODORIDIDAE: CADLININAE 555, 663

*Cadlina* Bergh, 1879 (*Doris repanda* Alder & Hancock)  
*willani* Miller, 1980 (M12. 166) A.C.

DENDRODORIDIDAE

*Dendrodoris* Ehrenberg, 1831 (*D. lugubris* Ehrenberg)

*citrina* (Cheeseman, 1881) (P1. 287) A.C.F.

*denisoni* (Angas, 1864) (= *gemmaea* Alder & Hancock) (P1. 287; W112. 98; Th1. 500) A.

*nigra* (Stimpson, 1855) (P1. 287) A.C.

TRITONIIDAE

*Tritonia* Cuvier, 1798 (*T. hombergii* Cuvier)

*flemingi* (Powell, 1937) (P1. 288) A.C.

*incerta* Bergh, 1904 (P1. 287) A.C.

DOTIDAE

*Doto* Oken, 1815 (*Doris coronata* Gmelin)

*pita* Er. Marcus, 1955 (P1. 288; W112. 65) A.C.

*cf. bella* Baba, 1938 (W112. 65) A.C.F.

EMBLETONIIDAE 544

*Embletonia* Alder & Hancock, 1851 (*Pterochilus pulcher* Alder & Hancock)

*gracile* Risbec, 1928 (M19. 2) A.

PHYLLIROIDAE

*Phylliroe* Péron & Lesueur, 1810 (*P. bucephala* Péron & Lesueur)

*bucephala* Péron & Lesueur, 1810 (P1. 288) A.

ARMINIDAE 543, 799

*Armina* Rafinesque, 1814 (*A. tigrina* Rafinesque)

*aoteana* Miller & Willan, 1986 (M14. 378) A.\*

*Dermatobranchius* Hasselt, 1824 (*D. striatus* Hasselt)

*pulcherrimus* Miller & Willan, 1986 (M14. 384) A.

*Heterodoris* Verrill & Emerton in Verrill, 1882 (*H. robusta* Verrill & Emerton in Verrill)

*antipodes* Willan, 1981 (W19. 325) C.\*

ZEPHYRINIDAE 543

*Caldukia* Burn & Miller, 1969 (*Protonotus ?affinis* Burn)

*albolineata* Miller, 1970 (P1. 288) F.

*rubiginosa* Miller, 1970 (P1. 288) A.

*Galeojanolus* Miller, 1971 (*G. ionnae* Miller)

*ionnae* Miller, 1971 (P1. 288, M14. 404) A.C.F.\*

*Janolus* Bergh, 1884 (*J. australis* Bergh)

*eximius* Miller & Willan, 1986 (M14. 402) A.\*

*hyalinus* (Alder & Hancock, 1854) (M14. 394) A.\*

*ignis* Miller & Willan, 1986 (M14. 397) A.C.F.\*

*mokolinau* Miller & Willan, 1986 (M14. 400) A.\*

*novozealandicus* (Eliot, 1907) (P1. 288) A.C.F.

FLABELLINIDAE

*Flabellina* Voigt, 1834 (*Doris affinis* Gmelin)

*albomarginata* (Miller, 1971) (P1. 289; W112. 71) A.C.F.

*Tularia* Burn, 1966 (*Cuthona bractea* Burn)

*bractea* (Burn, 1962) (P1. 289) A.

EUBRANCHIDAE

*Eubranclus* Forbes, 1838 (*E. tricolor* Forbes)

*agrius* Er. Marcus, 1959 (P1. 289) A.C.F.

*rubeolus* Burn, 1964 (P1. 289) F.\*

TERGEPEDIDAE

*Cuthona* Alder & Hancock, 1855 (*Eolis nana* Alder & Hancock) 77

*beta* (Baba & Abe, 1964) (M11. 203) A.

*perca* (Er. Marcus, 1958) (= *reflexa* Miller) (M11. 216; Bh1. 65) A.C.F.

*scintillans* Miller, 1977 (M11. 211) A.

*zelandica* Odhner, 1924 (P1. 290) An.

sp. (= *alpha* Miller not Baba & Hamatani) (M11. 207; Bh1. 70) A.

AEOLIDIIDAE

297, 540, 661

*Aeolidia* Cuvier, 1797 (*Limax papillosa* Linné)

*drusilla* (Bergh, 1900) (M16. 391) C.

*helicochorda* Miller, 1988 (M16. 391) A.

*faustina* (Bergh, 1900) (P1. 289) A.C.M.

*Aeolidiella* Bergh, 1867 (*Eolida soemmerringii* Leuckart)

*indica* Bergh, 1888 (W112. 72) A.

*Berghia* Trinchese, 1877 (*Eolidia coerulescens* Deshayes)

*australis* (Rudman, 1982) (= *major* of authors) (P1. 290; W112. 73; Gs1. 261) A.

FACELINIDAE

807

*Babakina* Roller, 1973 (*Babaina festiva* Roller)

*caprinsulensis* (Miller, 1974) (P1. 290) A.

*Jason* Miller, 1974 (*J. mirabilis* Miller)

*mirabilis* Miller, 1974 (P1. 290; W112. 75) A.C.F.\*

*Phidiana* Gray, 1850 (*Cavolinia patagonica* d'Orbigny)

*milleri* Rudman, 1980 (= *militaris* of authors) (P1. 290; W112. 74) A.C.

*pegasus* Willan, 1988 (W117. 409) A.\*

GLAUCIDAE

*Glauco* Forster, 1777 (*G. atlanticus* Forster)

*atlanticus* Forster, 1777 (P1. 290) A.

FIONIDAE

*Fiona* Alder & Hancock, 1851 (*Oithona nobilis* Alder & Hancock)

*pinnata* (Eschscholtz, 1831) (P1. 289; W15. 142)

A.C.F.M. An.



PSEUDOVERMIDAE

*Pseudovermis* Périaslavzeff, 1891 (*P. paradoxus* Périaslavzeff)  
*hancocki* Challis, 1969 (P1. 290) A.

**Subclass Pulmonata**  
**Order Systellomatophora**

ONCHIDIIDAE 129, 735

*Onchidella* Gray, 1850 (*Onchidium nigriceps* Quoy & Gaimard)  
*campbelli* Filhol, 1880 (P1. 291; Sg1. 34) F.An.  
*flavescens* Wissel, 1904 (P1. 291; Sg1. 34) C.F.  
*nigriceps* (Quoy & Gaimard, 1832) (= *patelloides* Quoy & Gaimard = *obscura* Plate) (P1. 291; Sg1. 34; Bm1. 183) A.C.F.M.

SMEAGOLIDAE 335, 735, 737

*Smeagol* Climo, 1980 (*S. manneringi* Climo)  
*climoi* Tillier & Ponder, 1992 (Ti1. 143) C.  
*manneringi* Climo, 1980 (Cl11. 516) C.

**Order Basommatophora**

TRIMUSCULIDAE

*Gadinia* Gray, 1824 (*G. ngra* Gmelin) (= *Gadinalea* Iredale)  
*conica* Angas, 1867 (P1. 291; Wy1. 82) A.C.F.M.

SIPHONARIIDAE 212, 391, 394, 411, 470, 501, 598

*Benhamina* Finlay, 1926 (*Siphonaria obliquata* Sowerby)  
*obliquata* (Sowerby, 1825) (P1. 293) C.F.An.  
*Kerguelenella* Powell, 1946 (*Siphonaria redimiculum* Reeve)  
*innominata* (Iredale, 1915) (P1. 293) An.  
*lateralis* (Gould, 1846) (P1. 293) An.  
*stewartiana* (Powell, 1939) (P1. 293) F.An.  
*Siphonaria* Sowerby, 1824 (*S. siphio* Sowerby)  
*australis* Quoy & Gaimard, 1833 (P1. 292; Jk1. 11)  
(= *zelandica* of authors, not Quoy & Gaimard = *cookiana* Suter, not of authors) A.C.F.M.  
*propria* Jenkins, 1983 (P1. 292; Jk1. 23) (= *cookiana* of authors) A.C.F.M.  
*Williamia* Monterosato, 1884 (*Ancylus gussoni* O.G. Costa) (= *Roya* Iredale)  
*radiata nutata* (Hedley, 1908) (= *kermadecensis* Iredale) (P1. 65; Mr8. 488) A.\*

AMPHIBOLIDAE 451, 452, 606, 607, 608, 609, 679, 680, 681, 718, 797

*Amphibola* Schumacher, 1817 (*A. australis* Schumacher)  
*crenata* (Gmelin, 1791) (P1. 294) A.C.F.

ELLOBIIDAE 186

*Leuconopsis* Hutton, 1884 (*Leuconia obsoleta* Hutton)  
*obsoleta* (Hutton, 1878) (P1. 295) A.C.F.M.An.  
*Mariunla* King & Broderip, 1832 (*M. pepita* King & Broderip)

*filholi* Hutton, 1878 (P1. 294) A.C.F.M.  
*striata* Odhner, 1924 (P1. 295) F.An.  
*Microtralia* Dall, 1894 (*Tralia minuscula* Dall)  
(= *Rangitotoa* Powell)  
*occidentalis* (Pfeiffer, 1854) (= *iusularis* Powell) (P1. 295; Cl13. 44) A.C.  
*Opliocardelus* Beck, 1837 (*Aurricula ornata* Férussac)  
*costellaris* (H. & A. Adams, 1854) (P1. 294) A.C.  
*Phytia* Gray, 1821 (*Voluta denticulata* Montagu)  
*myosotis* (Draparnaud, 1801) (Cl13. 44) F.

LATIIDAE 373, 529, 548, 707

*Latia* Gray, 1850 (*L. ueritoides* Gray)  
*climoi* Starobogatov, 1986 (Sv1. 93) FW:N.  
*lateralis* (Gould, 1852) (Sv1. 93) FW:N.  
*neritoides* Gray, 1850 (P1. 295) FW:N.

LYMNAEIDAE 189, 264, 265, 649, 660

*Austropeplea* Cotton, 1942 (*Limnea papyracea* Tate)  
*tomentosa tomentosa* (Pfeiffer, 1855) (= *subscalariformis* Suter) (P1. 296; Cl16. 387; Sh1. 257) FW:N.S.  
*tomentosa hauiltouii* (Dell, 1956) (P1. 296) FW:S. Sub-recent  
*Fossaria* Westerlund, 1885 (*Buccinum truncatum* Müller)  
*truncatula* (Müller, 1774) (Cl1. 6; Ce1. 108) FW:S.  
*Lymnaea* Lamarck, 1801 (*Helix stagnalis* Linné)  
*stagnalis* (Linné, 1758) (Cl1. 6; Sh1. 258) FW:N.S.  
*Pseudosuccinea* F. C. Baker, 1908 (*Lymnaea columella* Say)  
*columella* (Say, 1817) (Cl1. 8; Sh1. 259) FW:N.S.  
*Radix* Montfort, 1810 (*R. auriculatus* Montfort)  
*auricularia* (Linné, 1758) (Cn1. 405; Ce1. 114) FW:N.

ANCYLIDAE

*Gundlachia* Pfeiffer, 1849 (*G. ancyliformis* Pfeiffer)  
*lucasi* Suter, 1905 (P1. 296) FW:N.  
*neozelanica* Suter, 1905 (P1. 296) FW:S.

PHYSIDAE 110, 199, 660

*Physa* Draparnaud, 1801 (*Bulla fontinalis* Linné)  
cf. *acuta* Draparnaud, 1805 (= *fontinalis* of authors not Linné) (Cd1. 86; Wb1. 154) FW:N.S.

PLANORBIDAE: PLANORBINAE 648, 649

*Planorbarius* Froiep, 1806 (*Helix corneus* Linné)  
*corneus* (Linné, 1758) (Cl3. 2523) FW:N.  
*Gyraulus* Charpentier, 1837 (*Planorbis hispidus* Draparnaud)  
*corinna* (Gray, 1850) (P1. 297; Cl3. 2523) FW:N.S.  
*kaluica* (Finlay & Laws, 1931) (P1. 297) FW:N.  
*Segneutina* Fleming, 1818 (*Nautilus lacustris* Lightfoot)  
*complumata* (Linné, 1758) (Hz1. 60) FW:N.

PLANORBIDAE: BULININAE 199, 764

*Glyptophysa* Crosse, 1872 (*Physa petiti* Crosse)  
(= *Physastra* Tapparone-Canefri)  
*ocornori* (Cumber, 1941) (P1. 297) FW:S.  
*variabilis* (Gray in Dieffenbach, 1843) (P1. 297) FW:N.S.



## Order Stylommatophora

- SUCCINEIDAE 734, 795  
*Succinea* Draparnaud, 1801 (*Helix putris* Linné)  
*archeyi* Powell, 1933 (P1. 298; Cl10. 27) L:N.S.
- ATHORACOPHORIDAE 1, 13, 153, 154,  
156, 525, 734  
*Athoracophorus* Gould, 1852 (*Limax bitentaculatus* Quoy  
& Gaimard)  
*bitentaculatus* (Quoy & Gaimard, 1832) (P1. 298; Br1.  
281) L:N.S.Stew.  
*maculosus* Burton, 1963 (P1. 298) L:S.  
*suteri* Burton, 1963 (P1. 298) L:N.S.  
*Palliopodex* Burton, 1963 (*Athoracophorus verrucosus* Sim-  
roth)  
*verrucosus* (Simroth, 1889) (P1. 301) L:Auck.  
*Pseudaneitea* Cockerell, 1891 (*Janella papillata* Hutton)  
(= *Reflectopallium* Burton)  
*aspera* Burton, 1963 (P1. 301) L:S.  
*campbellensis* Burton, 1963 (P1. 301) L:Camp.  
*delli* (Burton, 1963) (P1. 298) L:S.  
*dendyi* (Suter, 1897) (P1. 301) L:S.  
*gigantea* (Suter, 1909) (P1. 301) L:S.  
*grana* Burton, 1983 (Bn3. 49) L:S.  
*gravisulca* Burton, 1963 (P1. 301) L:S.  
*huttoni* (Suter, 1909) (P1. 301) L:Snare.  
*johnsi* Burton, 1963 (P1. 301) L:D'Urv.  
*leva* Burton, 1977 (Bn1. 93) L:S.  
*maculata* Burton, 1963 (P1. 301) L:S.  
*marmorata* (Simroth, 1889) (P1. 301) L:Auck.MacQ.  
*multistriata* Burton, 1963 (P1. 301) L:Stew.  
*nodosa* Burton, 1977 (Bn1. 94) L:S.  
*pallida* Climo, 1973 (P1. 301) L:Three Kings  
*papillata* (Hutton, 1879) (P1. 301) L:N.S.  
*powelli* Burton, 1963 (P1. 301) L:S.  
*pseudophyllum* (Burton, 1963) (= *papillatum* Burton  
not Hutton) (P1. 298; Bn2. 61) L:S.  
*ramsayi* Climo, 1973 (P1. 301) L:Three Kings  
*schauinslandi* (Plate, 1897) (P1. 301) L:S.  
*simrothi* (Suter, 1896) (P1. 301) L:S.  
*sorenseni* Powell, 1955 (P1. 301) L:Camp.
- ACHATINELLIDAE: LAMELLIDEINAE  
*Tornatellinops* Pilsbry & Cooke, 1915 (*Tornatellina novo-*  
*seelandica* Pfeiffer)  
*novoseelandica* (Pfeiffer, 1853) (P1. 302) L:N. Three  
Kings
- ACHATINELLIDAE: TORNATELLIDINAE  
*Tornatellides* Pilsbry, 1910 (*Tornatellina simplex* Pease)  
*subperforata* (Suter, 1909) (P1. 302) L:N.
- COCHLICOPIDAE 55  
*Cochlicopa* Férussac in Risso, 1826 (*Helix lubrica* Müller)  
*lubrica* (Müller, 1774) (Br3. 175) L:N.
- VERTIGINIDAE 55  
*Vertigo* O.F. Müller, 1774 (*V. pusilla* Müller)  
*ovata* Say, 1822 (Gd2. 58; Br3. 176) (= *pygmaea* of  
authors not Draparnaud) L:N.
- PUPILLIDAE 55  
*Lauria* Gray in Turton, 1840 (*Turbo cylindracea* da Costa)  
*cylindracea* (da Costa, 1778) (Br3. 176) L:N.  
*Pupilla* Leach in Fleming, 1828 (*Pupa marginata* Drap-  
arnaud)  
*muscorum* (Linné, 1758) (Br3. 176) L:N.
- VALLONIIDAE 55, 56  
*Vallonia* Risso, 1826 (*V. rosalia* Risso)  
*excentrica* Sterki, 1893 (= *pulchella* of authors not  
Müller) (Br3. 176; Br4. 1) L:N.S.
- BULIMULIDAE: PLACOSTYLINAE 27, 117, 128,  
132, 137, 284, 342, 397, 408,  
409, 410, 525, 687, 750, 795  
*Placostylus* Beck, 1837 (*Limax fibratus* Martyn)  
(*Basileostylus*) Haas, 1935 (*P. bollonsi* Suter)  
*bollonsi* Suter, 1908 (P1. 349) L:Three Kings  
(*Maoristylus*) Haas, 1935 (*Bulimus shongii* Lesson)  
*ambagiosus* Suter, 1906 (P1. 350) L:N.  
*hongii* Lesson, 1830 (P1. 350) L:N.
- RHYTIDIDAE: RHYTIDINAE 27, 131, 402,  
404, 525, 526, 657, 765, 766, 795  
*Delos* Hutton, 1904 (*Zonites coresia* Gray)  
*coresia* (Gray, 1850) (P1. 348; Cl4. 61) L:N.  
*jeffreysiana* (Pfeiffer, 1853) (P1. 348) L:N. Three Kings  
*Delouagapia* Powell, 1952 (*Gerontia cordelia* Hutton)  
*cordelia* (Hutton, 1883) (P1. 348; Cl4. 61; Rs1. 758)  
L:N.  
*regia* (Climo, 1973) (P1. 348; Rs1. 760) L:Three Kings  
*striata* (Climo, 1973) (P1. 348; Rs1. 760) L:Three  
Kings  
*Powelliphanta* O'Connor, 1945 (*Helix hochstetteri* Pfeiffer)  
*gilliesi* (E. A. Smith, 1880) (= *aurea* Powell = *brunnea*  
Powell = *compta* Powell = *fallax* Powell = *jamesoni*  
Powell = *kalurangica* Powell = *montana* Powell =  
*subfusca* Powell) (P1. 339; Cl6. 294) L:S.  
*hochstetteri hochstetteri* (Pfeiffer, 1862) (= *anatokiensis*  
Powell = *bicolor* Powell = *consobrina* Powell =  
*marchanti* Powell = *obscura* Beutler = *otakia*  
Powell = *traversi* Powell) (P1. 337; Cl4. 60; Cl6.  
293) L:N.S.  
*hochstetteri fiordlandica* (Climo, 1971) (P1. 341; Cl6.  
293) L:S.  
*hochstetteri lignaria* (Hutton, 1888) (= *annectens*  
Powell = *johnstoni* Powell = *lusca* Powell =  
*oconnori* Powell = *rotella* Powell = *ruforadiata*  
Powell = *unicolorata* Powell) (P1. 336; Cl6. 293)  
L:S.  
*hochstetteri rossiana* (Powell, 1930) (= *fletcheri* Powell  
= *gagei* Powell = *lateumbilicata* Powell = *patrick-*  
*ensis* Powell = *spedeni* Powell) (P1. 341; Cl6. 293)  
L:S.  
*hochstetteri superba* (Powell, 1930) (= *harveyi* Powell =  
*moutatae* Powell = *proseorum* Powell = *richardsoni*  
Powell) (P1. 337; Cl6. 293) L:S.  
*Prolesophanta* Iredale, 1933 (*Helix dyeri* Petterd)  
aff. *dyeri* (Petterd, 1879) (Rs1. 757) L:N.  
*Rhytida* Martens, 1860 (*Helix greenwoodi* Gray)

- australis* Hutton, 1883 (P1. 344) L:Stew.  
*citrina* Hutton, 1883 (P1. 345) L:S.  
*greenwoodi greenwoodi* (Gray, 1850) (P1. 344; C14. 60) L:N.  
*greenwoodi stephenensis* Powell, 1930 (P1. 344) L:S. Steph.  
*greenwoodi webbi* Powell, 1949 (P1. 344) L:S.  
*meesoni meesoni* Suter, 1891 (P1. 344) L:S.  
*meesoni perampla* Powell, 1946 (P1. 345) L:S.  
*ocornori* Powell, 1946 (P1. 345) L:S.  
*otagoensis* Powell, 1930 (P1. 344) L:S.  
*patula* Hutton, 1883 (P1. 345) L:S.  
(Waiitua) Powell, 1930 (*Helix urnula* Pfeiffer)  
*clarki* (Powell, 1936) (P1. 343) L:N.  
*edwardi* (Suter, 1899) (P1. 343) L:S.  
*fallai* (Powell, 1946) (P1. 343) L:S.  
*urnula urnula* (Pfeiffer, 1855) (P1. 343; C14. 60) L:N.  
*urnula nasuta* (Powell, 1946) (P1. 343) L:D'Urville
- RHYTIDIDAE: PARYPHANTINAE 27, 52, 158, 287, 325, 525, 537, 795  
*Paryphanta* Albers, 1850 (*Helix busbyi* Gray)  
*busbyi busbyi* (Gray, 1850) (P1. 335; C14. 61) L:N.  
*busbyi wattii* Powell, 1946 (P1. 335) L:N.  
*Rhytidarex* Powell, 1948 (*Rhytida* (*Rhytidarex*) *johnsoni* Powell)  
*johnsoni* (Powell, 1948) (P1. 347; C14. 61) L:Three Kings  
*buddlei* (Powell, 1948) (P1. 347) L:Three Kings  
(Amborhytida) Climo, 1974 (*Helix dumniae* Gray)  
*dumniae dumniae* (Gray, 1840) (P1. 345; C14. 61) L:N.  
*dumniae forsythii* (Powell, 1952) (P1. 345) L:N.  
*dumniae pycrofti* (Powell, 1932) (P1. 346) L:Poor Knights  
*dumniae tarangaensis* (Powell, 1930) (P1. 346) L:Hen  
*duplicata* (Suter, 1904) (P1. 346) L:N.  
*Schizoglossa* Hedley, 1892 (*Daudebardia novoseelandica* Pfeiffer)  
*gigantea* Powell, 1930 (P1. 347) L:N.  
*major* Powell, 1938 (P1. 347) L:N. Subrecent  
*novoseelandica novoseelandica* (Pfeiffer, 1862) (P1. 347; C14. 63) L:N.  
*novoseelandica barrierensis* Powell, 1949 (P1. 347) L:Gt. Barrier  
*worthyae* Powell, 1949 (P1. 347) L:N.
- CHAROPIDAE: CHAROPINAE 185, 187, 188, 190, 192, 194, 301, 345, 708  
*Aeschrodomus* Pilsbry, 1892 (*Helix alba* Pfeiffer)  
*stipulatus* (Reeve, 1852) (P1. 311, in part; C19. 294) L:N.S.  
*Cavellia* Iredale, 1915 (*Helix biconcava* Pfeiffer)  
*anguicula* (Reeve, 1852) (not *anguicula* of authors) (C114. 157) L:N.  
*biconcava* (Pfeiffer, 1853) (= *infecta* of authors) (P1. 307) L:N.S.  
*brounii* (Suter, 1891) (P1. 306) L:N.  
*buccinella* (Reeve, 1852) (P1. 307) L:N.S.Chat.  
*colensoi* (Suter, 1890) (P1. 307) L:N.S.  
*delli* (Climo, 1969) (P1. 307) L:Stew.  
*irregularis* (Suter, 1890) (P1. 307) L:N.S.  
*marstoni* (Climo, 1969) (P1. 305; C118. 593) L:S.  
*marsupialis* (Powell, 1941) (P1. 307) L:S.  
*mutabilis* (Suter, 1891) (P1. 307) L:S.Stew.  
*reefionensis* (Suter, 1892) (P1. 308, in part; S1. 720) L:S.Stew.  
*roseveari* (Suter, 1896) (S1. 721; Sm1: 477) L:N.  
*serpentinula* (Suter, 1891) (P1. 308) L:N.S.  
*sterkiana* (Suter, 1891) (P1. 308) L:S.  
*tapirina* (Hutton, 1883) (P1. 308) L:S.Stew.  
*Cavellioropa* Dell, 1952 (*Diplomphalus subantialba* Suter)  
*cookiana* (Dell, 1952) (P1. 309) L:N.S.  
*huttoni* (Suter, 1890) (P1. 309) L:N.  
*microrhina* (Suter, 1909) (P1. 309) L:N.S.  
*monssoni* (Suter, 1890) (P1. 308) L:N.S.  
*subantialba* (Suter, 1909) (P1. 309) L:N.S.  
*Charopa* Albers, 1860 (*Helix coma* Gray in Dieffenbach)  
*bianca* (Hutton, 1883) (P1. 303; C114. 157) L:N.S. Stew.Auck.  
*coma* (Gray in Dieffenbach, 1843) (P1. 303, in part; C114. 157) L:N.S.Chat.  
*montivaga* Suter, 1894 (P1. 303; C114. 157) L:N.S.  
*pilsbryi* (Suter, 1894) (P1. 303) L:N.S.Stew.  
*pseudocoma* Suter, 1894 (C114. 157) L:S.  
*Chaureopa* Climo, 1985 (*C. depressa* Climo)  
*depressa* Climo, 1985 (C117. 287) L:N.  
*hazelwoodi* Climo, 1985 (C117. 288) L:N.  
*microumbilicata* Climo, 1985 (C117. 289) L:N.  
*roscoei* Climo, 1985 (C117. 292) L:N.  
*subdepressa* Climo, 1985 (C117. 292) L:N.  
*titirangiensis* (Suter, 1896) (= *ochra* Webster) (P1. 303, 304; C117. 292) L:N.  
*Damonita* Climo, 1981 (*D. geminoropi formis* Climo)  
*geminoropi formis* Climo, 1981 (C112. 12) L:S.  
*Fectola* Iredale, 1915 (*Helix infecta* Reeve)  
*charopiiformis* (Gardner, 1967) (P1. 310; C17. 186) L:N.  
*infecta* (Reeve, 1852) (C17. 186) L:N.  
*jamiesoni* Climo, 1978 (C17. 188) L:S.  
*jessica* (Hutton, 1883) (P1. 305; C17. 186) L:S.  
*mira* (Webster, 1908) (C17. 186) L:N.  
*paytoni* (Climo, 1970) (P1. 307; C17. 187) L:S.  
*trilamellata* Climo, 1978 (C17. 187) L:N.S.  
*unidentata* Climo, 1978 (C17. 187) L:N.  
*varicosa* (Pfeiffer, 1853) (P1. 306, in part; C17. 187) L:S.  
*Flammocharopa* Climo, 1970 (*Amplidoxa costulata* Hutton)  
*costulata* (Hutton, 1883) (P1. 308) L:N.  
*montana* (Suter, 1891) (P1. 308) L:S.  
*Geminoropa* Kershaw, 1955 (*Helix antialba* Petterd)  
*vortex* (Murdoch, 1897) (P1. 309) L:N.S.  
*Gerontia* Hutton, 1883 (*G. pantherina* Hutton)  
*pantherina* Hutton, 1883 (P1. 312) L:S.  
*Huonodon* Iredale, 1945 (*Ptychodon pseutes* Iredale) (= *Mylesia* Climo)  
*gadus* (Dell, 1954) (P1. 304) L:S.Codfish  
*hectori* (Suter, 1890) (P1. 305; C17. 185; C112. 14) L:N.S.  
*microundulata* (Suter, 1890) (P1. 305) L:N.S.  
*pseudoleoidon* (Suter, 1890) (P1. 305) L:N.S.  
*Mocella* Iredale, 1915 (*Helix corniculum* Reeve)



- accelerata* (Climo, 1970) (P1. 310) L:N.  
*elliottae* (Climo, 1969) (P1. 304; C112. 10) L:S.Sub-recent  
*eta* (Pfeiffer, 1853) (= *caputspinulae* of authors) (P1. 309; C112. 10) L:N.S.  
*kenepuruensis* (Suter, 1909) (= *eta* of authors) (S1. 727; P1. 310) L:N.S.  
*manawatawhia* (Powell, 1935) (P1. 311) L:Three Kings  
*prestoni* (Sykes, 1895) (P1. 311) L:N.S.  
*rakiura* (Powell, 1939) (P1. 309; C112. 10) L:S.Stew.  
*segregata* (Suter, 1894) (P1. 311) L:N.  
*spelaeus* (Climo, 1971) (P1. 322; C112. 10) L:S.Sub-recent  
*Montaropa* Climo, 1984 (*M. macsweeneyi* Climo)  
*macsweeneyi* Climo, 1984 (C115. 210) L:S.  
*Paracharopa* Climo, 1983 (*Endodonta chrysaugiea* Webster)  
*chrysaugiea* (Webster, 1904) (P1. 303; C114. 152) L:N.S.  
*delicatula* Climo, 1983 (C114. 154) L:N.  
*fuscata* (Suter, 1894) (C114. 154) L:N.  
*goulstonei* Climo, 1983 (C114. 155) L:N.  
*rimu* Climo, 1985 (C117. 283) L:S.  
*Phenacharopa* Pilsbry, 1853 (*Pupa novoseelandica* Pfeiffer)  
*novoseelandica* (Pfeiffer, 1853) (P1. 311; C114. 157) L:N.S.  
*pseudanguicula* (Iredale, 1913) (= *anguicula* of authors) (P1. 303; C114. 157) L:N.S.Stew.  
*Pseudegestula* Dell, 1954 (*Endodonta transenna* Suter)  
*brookesi* (Dell, 1954) (D11. 145; C114. 157) L:Stew.  
*transenna* (Suter, 1904) (P1. 304; C114. 157) L:N.  
*worleyi* (Powell, 1928) (P1. 311; C114. 157) L:S.  
*Pulchridomus* Climo, 1980 (*Helix barbatula* Reeve)  
*barbatulus* (Reeve, 1852) (P1. 311, in part; C19. 295) L:N.S.  
*Suteria* Pilsbry, 1892 (*Helix ide* Gray)  
*ide* (Gray, 1850) (P1. 312) L:N.S.  
*raricostata* Cumber, 1962 (P1. 313) L:N.  
*Therasiella* Powell, 1948 (*Nanina celinde* Gray)  
*celinde* (Gray, 1850) (P1. 311) L:N.  
*elevata* Cumber, 1967 (P1. 312) L:N.  
*neozelanica* Cumber, 1967 (P1. 312) L:N.S.  
*pectinifera* (Powell, 1935) (P1. 312) L:Three Kings  
*serrata* Cumber, 1967 (P1. 312) L:N.  
*tamora* (Hutton, 1883) (P1. 312) L:N.
- CHAROPIDAE: PHENACOHELICINAE  
27, 285, 305, 819  
*Allodiscus* Pilsbry, 1892 (*Helix dimorpha* Pfeiffer)  
*adriana* (Hutton, 1883) (P1. 319) L:N.S.  
*austrodimorphus* Dell, 1955 (P1. 319) L:S.  
*basiliratus* Gardner, 1967 (P1. 320) L:N.  
*cassandra* (Hutton, 1883) (P1. 318) L:Three Kings  
*chion* (Sykes, 1896) (P1. 319) L:N.  
*cooperi* (Suter, 1907) (P1. 319) L:Poor Knights  
*cryptobidens* (Suter, 1891) (P1. 304; C17. 189) L:S.  
*dimorphus* (Pfeiffer, 1853) (P1. 319) L:N.  
*fallax* Powell, 1952 (P1. 319) L:N.  
*fectoloides* Dell, 1955 (P1. 319) L:S.  
*godeti* (Suter, 1891) (P1. 320) L:S.  
*granum* (Pfeiffer, 1857) (P1. 320) L:N.S.  
*mossi* (Murdoch, 1897) (P1. 320) L:N.S.  
*planulatus* (Hutton, 1883) (P1. 321) L:N.S.Stew.  
Auck.Antipodes  
*smithi* Suter, 1894 (P1. 320) L:S.  
*spiritus* Powell, 1952 (P1. 319) L:N.  
*stewartensis* David, 1934 (P1. 321) L:Stew.  
*tessellatus* Powell, 1941 (P1. 321) L:N.  
*tullia* (Gray, 1850) (P1. 321) L:N.S.  
*turbotti* Powell, 1948 (P1. 318) L:Three Kings  
*urquharti* Suter, 1894 (P1. 321) L:N.  
*venulatus* (Pfeiffer, 1857) (P1. 321) L:S.  
*wairoaensis* Suter, 1894 (P1. 321) L:S.  
(*Hirsutodiscus*) Climo, 1971 (*A. (H.) rakiura* Climo)  
*rakiura* Climo, 1971 (P1. 321) L:Stew.  
*Flammococoncha* Dell, 1952 (*Helicarion cumberi* Powell)  
*compressivoluta* (Reeve, 1852) (P1. 313; Sm1. 480) L:N.  
*cumberi* (Powell, 1941) (P1. 324) L:S.  
*stewartensis* Dell, 1952 (P1. 324) L:Stew.  
*Flammulina* Martens, 1873 (*Vittrina zebra* Le Guillou)  
*albozonata* Gardner, 1969 (P1. 313) L:N.  
*chiron* (Gray, 1850) (P1. 313) L:N.  
*cornea* (Hutton, 1883) (P1. 313) L:N.  
*crebriflammis* (Pfeiffer, 1853) (P1. 313) L:N.S.  
*feredayi feredayi* (Suter, 1891) (P1. 314) L:N.S.Stew.  
*feredayi glacialis* (Suter, 1891) (P1. 314) L:S.  
*jacquenetta* (Hutton, 1883) (P1. 314) L:S.  
*lateaperta* Dell, 1955 (P1. 314) L:S.  
*olivacea* (Suter, 1892) (P1. 314) L:N.  
*perdita* (Hutton, 1883) (P1. 314) L:N.S.Stew.  
*tepakiensis* Gardner, 1977 (Gd1. 8) L:N.  
*zebra* (Le Guillou, 1842) (P1. 314) L:N.S.Stew.Auck.  
Camp.  
*Hydrophrea* Climo, 1974 (*Laoma (Phrix gnathus) academia* Climo)  
*academia* (Climo, 1970) (P1. 331; C12. 270) FW:S.  
*Otoconcha* Hutton, 1884 (*Vittrina dimidiata* Pfeiffer)  
*dimidiata* (Pfeiffer, 1853) (P1. 334) L:N.S.  
(*Maoriconcha*) Dell, 1952 (*Helicarion oconnori* Powell)  
*fiordlandica* (Dell, 1952) (P1. 334) L:S.  
*oconnori* (Powell, 1941) (P1. 334) L:S.  
*roscoei* Climo, 1971 (P1. 334) L:N.  
*Phacussa* Hutton, 1883 (*Zonites helmsi* Hutton)  
*elliottae* (Gardner, 1968) (P1. 315) L:S.  
*fulminata fulminata* (Hutton, 1883) (P1. 315) L:Stew.  
*fulminata costata* Suter, 1899 (P1. 315) L:S.  
*helmsi* (Hutton, 1883) (P1. 315) L:S.  
*henryi* (Suter, 1899) (P1. 315) L:S.  
*hypopolia* (Pfeiffer, 1853) (P1. 315) L:S.  
*oconnori* (Powell, 1941) (P1. 315) L:S.  
*prousei* (Powell, 1952) (P1. 316) L:S.  
*Phenacohelix* Suter, 1892 (*Helix pilula* Reeve)  
*giveni* Cumber, 1961 (P1. 322) L:N.  
*lucetta* (Hutton, 1884) (P1. 323) L:N.S.  
*perplexa* (Murdoch, 1897) (P1. 323) L:N.  
*pilula* (Reeve, 1852) (P1. 322) L:N.S.Stew.  
*ponsonbyi* (Suter, 1897) (P1. 322) L:N.  
*rusticus* (Suter, 1894) (P1. 320; Sm1. 480) L:N.  
*tholoides* (Suter, 1907) (P1. 322) L:N.  
*Protoflammulina* Climo, 1971 (*P. jolusi* Climo)  
*jolusi* Climo, 1971 (P1. 314) L:Snare

*Pseudallodiscus* Climo, 1971 (*P. ponderi* Climo)  
*ponderi* Climo, 1971 (P1. 322) L:N.  
*tataensis* Climo, 1971 (P1. 322) L:S.  
*Ranfurllya* Suter, 1903 (*R. constanceae* Suter)  
*constanceae* Suter, 1903 (P1. 324) L:Auck.  
*Serpho* Hutton, 1904 (*Nanina kivi* Gray in Dieffenbach)  
*kivi* (Gray in Dieffenbach, 1843) (P1. 323) L:N.  
*matthewsi* Suter, 1909 (P1. 323) L:N.  
*Thalassohelix* Pilsbry, 1892 (*Helix zelandiae* Gray in Dieffenbach)  
*antipoda* (Hombron & Jacquinot, 1841) (P1. 317)  
L:Auck.  
*chathamensis* (Suter, 1909) (P1. 317) L:Chat.  
*igniflua* (Reeve, 1852) (P1. 317) L:S.  
*laingi* (Suter, 1905) (P1. 318) L:S.  
*propinqua* (Hutton, 1883) (P1. 318) L:N.S.  
*zelandiae* (Gray in Dieffenbach, 1843) (P1. 317) L:N.S.  
Chat.  
*ziczag* (Gould, 1848) (P1. 318) L:N.  
*Therasia* Hutton, 1883 (*T. thaisa* Hutton)  
*decidua* (Pfeiffer, 1857) (P1. 316) L:N.S.  
*ophelia* (Pfeiffer, 1855) (P1. 316) L:N.S.  
*thaisa* Hutton, 1883 (P1. 316) L:S:Stew.  
*traversi* (E. A. Smith, 1884) (P1. 317) L:N.S.  
*valeria* Hutton, 1883 (P1. 317) L:S.  
*Therminia* Hutton, 1904 (*Pyrrha cressida* Hutton)  
*cressida* (Hutton, 1883) (P1. 316) L:S:Stew.  
*subincarnata* (Suter, 1894) (P1. 313; Sm1. 480) L:N.  
*virescens* (Suter, 1899) (P1. 316) L:S.

CHAROPIDAE: ROTADISCINAE 192, 345

*Alsolenia* Climo, 1981 (*Endodonta monoplax* Suter)  
(= *Solenia* Climo not Loomis)  
*cresswelli* (Climo, 1978) (Cl7. 183; Cl18. 630) L:S.  
*monoplax* (Suter, 1913) (= *delicatula* Climo = *liarara*  
Dell = *takahea* Dell) (Cl7. 184; Cl18. 630) L:S.  
*Loisthodon* Climo, 1989 (*Endodonta (Charopa) benhamii*  
Suter)  
*benhamii* (Suter, 1909) (Cl7. 183; Cl18. 630) L:Auck.  
*Mitodon* Climo, 1989 (*Helix wairarapa* Suter)  
*suteri* (Murdoch & Finlay, 1923) (Cl7. 182; Cl18. 627)  
L:S.  
*wairarapa* (Suter, 1890) (Cl7. 183; Cl18. 627) L:N.S.  
Chat:Stew.Camp.  
*Ptychodon* Ancey, 1888 (*Strobila leiodus* Hutton)  
*blacki* Dell, 1955 (Cl7. 180; Cl18. 623) L:S.  
*leiodus* (Hutton, 1883) (Cl7. 181; Cl18. 623) L:S.  
*protoleoidea* Climo, 1978 (Cl7. 181; Cl18. 625) L:S.  
*roscoei* Climo, 1978 (Cl7. 182; Cl18. 625) L:S.  
*Rotadiscus* Pilsbry, 1926 (*Helix hermanni* Pfeiffer)  
*insularis* (Climo, 1978) (Cl7. 180; Cl18. 619) L:S.  
*jamesoni* (Climo, 1978) (Cl7. 181; Cl18. 621) L:S.  
*protoinsularis* Climo, 1989 (Cl18. 621) L:S.  
*smithae* (Dell, 1954) (Cl7. 182; Cl18. 622) L:Stew.  
*takakaensis* (Climo, 1981) (Cl7. 13; Cl18. 621) L:S.  
*Zelandiscus* Climo, 1989 (*Ptychodon (Solenia) elevata*  
Climo)  
*elevata* (Climo, 1978) (Cl7. 184; Cl18. 633) L:S.  
*worthyi* Climo, 1989 (Cl18. 633) L:S.

HELICODISCIDAE 192, 345

*Egestula* Iredale, 1915 (*Helix egesta* Gray)  
*bicolor* (Climo, 1973) (P1. 310) L:Three Kings  
*egesta* (Gray, 1850) (P1. 310; Cl18. 616) L:N.  
*gaza* (Suter, 1909) (P1. 310) L:Three Kings  
*microgaza* (Climo, 1973) (P1. 310) L:Three Kings  
*pandora* Gardner, 1967 (P1. 310) L:N.  
PUNCTIDAE 185, 191, 193, 195, 306, 431, 659, 757  
*Laoma* Gray, 1850 (*Bulinus? (L.) leimonias* Gray)  
*ciliata* Suter, 1894 (P1. 324) L:N.  
*labyrinthica* Powell, 1948 (P1. 325) L:Three Kings  
*leimonias* (Gray, 1850) (P1. 324) L:N.  
*mariae mariae* (Gray in Dieffenbach, 1843) (P1. 325;  
Sm1. 478) L:N.  
*mariae anpouria* Cumber, 1967 (P1. 325) L:N.  
*marina* (Hutton, 1883) (P1. 325) L:N.S.  
*minuta* Climo, 1971 (P1. 325) L:N.  
*Laomarex* Powell, 1948 (*L. sericea* Powell)  
*minuta* (Gardner, 1967) (P1. 332) L:Three Kings  
*regia* (Gardner, 1968) (P1. 332) L:Three Kings  
*sericea* Powell, 1948 (P1. 332) L:Three Kings  
*Obanella* Dell, 1952 (*Egestula spectabilis* Powell)  
*allanae* Dell, 1952 (P1. 333) L:S:Stew.  
*rimutaka* Dell, 1952 (P1. 333) L:N.  
*spectabilis* (Powell, 1928) (P1. 332) L:N.S.  
*Pasmaditta* Kershaw & B.J. Smith, 1986 (*Helix jungermanniae* Petterd)  
*jungermanniae* (Petterd, 1879) (Sm1. 479; Sh1. 284)  
L:N.S.  
*Paralaoma* Iredale, 1913 (*P. raoulensis* Iredale)  
(= *Subfectola* Powell)  
*allochroidea* (Suter, 1890) (P1. 333) L:N.S.  
*buddlei* Powell, 1951 (P1. 333) L:Three Kings  
*caputspinulae* (Reeve, 1852) (Sm1. 479; Cl12. 9; Rt1.  
95) L:N.S.  
*lateumbilicata* (Suter, 1890) (P1. 333) L:N.S:Stew.  
*miserabilis* (Iredale, 1913) (Sm1. 480) L:N.  
*pagoda* Climo, 1973 (P1. 334) L:Three Kings  
*pinula* (Hutton, 1883) (P1. 333) L:N.S.  
*ravicostata* (Suter, 1890) (P1. 333) L:N.S.  
*regia* Powell, 1948 (P1. 333) L:Three Kings  
*sericata* (Suter, 1890) (P1. 333) L:N.S:Stew.  
*serratocostata* Webster, 1906 (P1. 329; Sm1. 479) L:N.  
*thomsoni* (Suter, 1917) (P1. 334) L:S.  
*turbotti* Powell, 1948 (P1. 334) L:Three Kings  
*Phrixgnathus* Hutton, 1883 (*Helix futua* Hutton not  
Pfeiffer)  
*alfredi* (Suter, 1909) (P1. 326) L:N.  
*ariel* Hutton, 1883 (P1. 326) L:N.S.  
*blacki* Powell, 1951 (P1. 326) L:Three Kings  
*brunnens* Climo & Goulstone, 1993 (Cl19. 41) L:N.  
*celia* Hutton, 1883 (P1. 326) L:N.S.  
*cheesemani* Suter, 1894 (P1. 326) L:N.  
*clathratus* (Gardner, 1972) (P1. 330) L:N.  
*cognata* (Suter, 1909) (P1. 327) L:Camp.  
*compressus* (Suter, 1909) (P1. 326) L:N.  
*conella* (Pfeiffer, 1862) (P1. 327) L:N.  
*donglasi* Climo & Goulstone, 1993 (Cl19. 39) L:N.  
*erigone* (Gray, 1850) (P1. 327) L:N.

- fatua* (Pfeiffer, 1857) (P1. 330) L:N.  
*filicosus* (Suter, 1907) (P1. 327) L:N.  
*flemingi flemingi* Dell, 1950 (P1. 327) L:Snares  
*flemingi stewartensis* Dell, 1954 (P1. 327) L:Stew.  
*forsteri* Dell, 1952 (P1. 327) L:S.  
*fulguratus* (Suter, 1909) (P1. 328) L:N.  
*glabriusculus* (Pfeiffer, 1853) (P1. 328) L:N.S.  
*haasti* Hutton, 1883 (P1. 328) L:S.  
*hamiltoni* (Suter, 1896) (P1. 328) L:Macquarie  
*laqueus* Dell, 1950 (P1. 328) L:Snares  
*larochi* (Powell, 1928) (P1. 328) L:N.  
*levis* (Suter, 1913) (S1. 1077; Sm1. 479) L:N.  
*liratulus* (Suter, 1909) (P1. 328) L:Stew.  
*lucidus* (Suter, 1896) (P1. 329) L:N.  
*marginatus* Hutton, 1883 (P1. 329) L:S.  
*microreticulatus* (Suter, 1890) (P1. 329) L:N.S.  
*moellendorffi* (Suter, 1896) (P1. 329) L:N.  
*murchisoni* Suter, 1894 (P1. 326) L:N.  
*paralaoniformis* (Climo, 1971) (P1. 331) L:Poor  
 Knights  
*phrynia* Hutton, 1883 (P1. 329) L:N.S.Stew.  
*pirongiaensis* (Suter, 1894) (P1. 324; Sm1. 479) L:N.  
*poecilosticta* (Pfeiffer, 1853) (P1. 325; Sm1. 479) L:N.  
*powelli* (Climo, 1971) (P1. 331) L:Poor Knights  
*rakiura rakiura* Dell, 1954 (P1. 329) L:Stew.Chat.  
*rakiura solanderi* Dell, 1954 (P1. 329) L:Solander  
*ruforadiatus* (Gardner, 1972) (P1. 330) L:N.  
*sciadium* (Pfeiffer, 1857) (P1. 325) L:N.  
*sorenseni* (Powell, 1955) (P1. 328) L:Camp.  
*spiralis* (Suter, 1896) (P1. 330) L:S.  
*subariel* Powell, 1948 (P1. 326) L:Three Kings  
*sublucidus* (Suter, 1896) (P1. 330) L:N.  
*titania* Hutton, 1883 (P1. 330) L:S.  
*trailli* (Suter, 1909) (P1. 330) L:?  
*transitans* Suter, 1892 (P1. 330) L:N.  
*viridulus viridulus* (Suter, 1909) (P1. 330) L:S.  
*viridulus caswelli* Dell, 1955 (P1. 330) L:S.  
*waipoua* (Gardner, 1969) (P1. 330) L:N.  
*Tagualhelix* Powell, 1955 (*Thermia expeditionis* Suter)  
*antipodensis* (Powell, 1955) (P1. 331) L:Antipodes  
*campbelli* (Filhol, 1880) (P1. 331) L:Camp.  
*crispata* Climo & Goulstone, 1993 (Cl19. 32) L:N.  
*delicatula* (Powell, 1955) (P1. 331) L:Auck.  
*elaiodes* (Webster, 1904) (P1. 327; Cl19. 28) L:N.  
*francesci* (Webster, 1904) (P1. 327; Cl19. 35) L:N.  
*hirsuta* (Powell, 1955) (P1. 331) L:Auck.  
*subantarctica* (Suter, 1909) (P1. 331) L:Camp.
- ARIONIDAE 55, 58, 59  
*Arion* Férussac, 1819 (*Limax ater* Linné)  
 (*Microarion*) Hesse, 1926 (*A. intermedius* Normand)  
*intermedius* Normand, 1852 (Br2. 416) L:N.S.Stew.  
 Chat.Auck.  
 (*Kobeltia*) Seibert, 1873 (*A. hortensis* Férussac)  
*hortensis* Férussac, 1819 (Br2. 418) L:N.S.
- ZONITIDAE 1, 55, 57, 65, 188  
*Oxychilus* Fitzinger, 1833 (*Helix cellaria* Müller)  
*alliaris* (Miller, 1822) (Br3. 176) L:N.S.  
*cellarius* (Müller, 1774) (= *Suterella novaruae* Pfeiffer)
- (Cl2. 465; Br3. 177) L:N.S.  
*draparnaudi* (Beck, 1837) (= *Flammulina alpina* Suter in  
 Hutton = *draparnaldi* Beck) (Cl15. 208; Br3. 176;  
 Ke1. 123) L:N.?S.  
*Vitrea* Fitzinger, 1833 (*Helix diaphana* Studer)  
*crystallina* (Müller, 1774) (Br3. 176) L:N.S.  
*Zonitoides* Lehman, 1862 (*Helix nitidus* Müller)  
*arboreus* (T. Say, 1817) (Br5. 193) L:N.
- MILACIDAE 1, 55, 64, 66  
*Milax* J.E. Gray, 1855 (*Limax gagates* Draparnaud)  
*budapestensis* (Hazay, 1881) (Br2. 422) L:N.  
*gagates* (Draparnaud, 1801) (Br2. 420) L:N.S.Chat.  
*sowerbyi* (Férussac, 1823) (Br2. 422) L:N.S.
- LIMACIDAE 1, 9, 10, 55, 57, 59, 60, 61, 62,  
 63, 64, 65, 66, 67, 176, 266  
*Deroceras* Rafinesque, 1820 (*D. gracilis* Rafinesque)  
*panormitanum* (Lessona & Pollonera, 1882) (= *caruanae*  
 Pollonera) (Br2. 425) L:N.S.Chat.  
 (*Agriolimax*) Mörch, 1865 (*Limax agrestis* Linné)  
*reticulatum* (Müller, 1774) (Br2. 427) L:N.S.Stew.  
 Chat.Camp.  
*Lehmannia* Heynemann, 1862 (*Limax marginatus* Müller)  
*nyctelia* (Bourguignat, 1861) (Br2. 431) L:N.S.  
 (*Limacus*) Lehmann, 1864 (*Limacus breckworthianus*  
 Lehmann)  
*flava* (Linné, 1758) (Br2. 431) L:N.S.  
*Limax* Linné, 1758 (*L. maximus* Linné)  
*maximus* Linné, 1758 (Br2. 429) L:N.S.
- FERUSSACIIDAE  
*Ceciliodes* Férussac, 1814 (*Buccinum acicula* Müller)  
*acicula* (Müller, 1774) (Br3. 176) L:N.
- TESTACELLIDAE 55  
*Testacella* Cuvier, 1800 (*T. haliotide* Draparnaud)  
*haliotide* Draparnaud, 1801 (Br2. 414) L:N.
- HELICIDAE: HELICINAE 1, 19, 55, 57, 65,  
 180, 181, 182, 286, 437  
*Helix* Linné, 1758 (*H. pomatia* Linné)  
*aspersa* Müller, 1774 (Br3. 177) L:N.S.Chat.
- HELICIDAE: HELICELLINAE 55  
*Candidula* Kobelt, 1871 (*Helix unifasciata* Poiret)  
*intersecta* (Poiret, 1801) (= *caperata* Montagu) (Br3.  
 177; Ke1. 177) L:N.

**Class SCAPHOPODA**  
**Order Dentaliida**

- DENTALIIDAE 709  
*Antalis* H. & A. Adams, 1854 (*Dentalium entalis* Linné)  
*diarrhox* (Watson, 1879) (P1. 353) A.\*  
*glaucarena* (Dell, 1953) (P1. 353) M.\*  
*nana* (Hutton, 1873) (P1. 353; Bu17. 317) A.C.F.\*  
*suteri* (Emerson, 1954) (P1. 354) C.F.M.\*  
*Dentalium* Linné, 1758 (*D. elephantinum* Linné)



*tiwhana* Dell, 1953 (P1. 353) C.F.M.\*  
*Fissidentalium* P. Fischer, 1885 (*Dentalium ergasticum* P. Fischer)  
*zelandicum* (Sowerby, 1860) (P1. 354) A.C.F.M.\*

#### LAEVIDENTIALIIDAE

*Laevidentalium* Cossmann, 1888 (*Dentalium incertum* Deshayes)  
*ecostatum* (Kirk, 1880) (P1. 354) C.\*

#### Order Gadilida

#### GADILIDAE

*Cadulus* Philippi, 1844 (*C. ovulum* Philippi) 709  
*colubridens* Watson, 1879 (P1. 354) A.\*  
*delicatulus* Suter, 1913 (P1. 354) A.C.F.M.\*  
*teliger* Finlay, 1926 (P1. 354) A.C.F.M.An.\*

#### Class BIVALVIA

#### Subclass Paleotaxodonta

#### Order Solemyoidea

#### SOLEMYIDAE

*Solemya* Lamarck, 1818 (*S. mediterranea* Lamarck) 41, 497  
(*Solemyarina*) Iredale, 1931 (*Solemya veseliana* Iredale)  
*parkinsoni* E. A. Smith, 1874 (P1. 363) A.C.F.M.\*

#### MANZANELLIDAE

*Manzanella* Wood, 1851 (*Nucula miliaris* Wood) 41, 497  
*maoriana* (Hedley, 1904) (P1. 362) A.C.F.\*

#### Order Nuculoida

#### NUCULIDAE: NUCULINAE 25, 41, 80, 497

*Lamellimacula* Schenck, 1944 (*Nucula taunataevica* Odhner)  
*dundinensis* (Finlay, 1928) (P1. 355; Bu17. 392) F.M.

*Limnucula* Marwick, 1931 (*Nucula rnatakiensis* Marwick)  
*recess* Dell, 1956 (P1. 357) C.\*

*Nucula* Lamarck, 1799 (*Arca nucleus* Linné)  
*certissimus* Finlay, 1930 (P1. 355) A.\*  
*hartvigiana* Pfeiffer, 1864 (P1. 356) A.C.F.M.An.  
*nitidula* A. Adams, 1856 (P1. 356) A.C.F.M.An.  
*nitidulaformis* Powell, 1971 (P1. 356; Bg2. 30) A.\*  
*rossiana* Finlay, 1930 (P1. 356) An.\*

*Pronucula* Hedley, 1902 (*P. decorosa* Hedley)  
*bollousi* Powell, 1955 (P1. 357) An.\*  
*maoria* Powell, 1937 (P1. 357; Bg1. 676) A.\*  
*mesembrina* Hedley, 1916 (P1. 357) An.\*  
*tenuis* Powell, 1927 (P1. 358; Bg1. 676) F.An.\*

*Varimacula* Maxwell, 1988 (*Nucula gallinacea* Finlay)  
*gallinacea* (Finlay, 1930) (P1. 356; Mx2. 35) A.C.\*

#### NUCULIDAE: NUCULOMINAE 41, 80, 497

*Austronucula* Powell, 1939 (*A. schencki* Powell)  
*galathea* Dell, 1956 (P1. 359) C.\*  
*schoncki* Powell, 1939 (P1. 358) F.An.\*

*Leionucula* Quenstedt, 1930 (*Nucula albensis* d'Orbigny)  
(= *Emnucula* Iredale)

*strangei* (A. Adams, 1856) (P1. 357; Bg2. 36) A.C.F.\*  
*strangeiformis* (Dell, 1956) (P1. 357) M.\*

#### NUCULANIDAE: NUCULANINAE 41, 497

*Jupiteria* Bellardi, 1875 (*Nucula concava* Bronn)  
*manawatawhia* (Powell, 1937) (P1. 359) A.\*  
*wolffi* Dell, 1956 (P1. 359) M.\*

*Poroleda* Hutton, 1893 (*Scaphula lanceolata* Hutton)  
*lanceolata* (Hutton, 1885) (P1. 362) A.C.F.\*

*Saccella* Woodring, 1925 (*Arca fragilis* Chemnitz)  
*bellula* (A. Adams, 1856) (P1. 359) A.C.F.M.\*  
*hedleyi* (Fleming, 1951) (= *zealedaformis* Dell) (P1. 359; Mx2. 39) A.M.\*

*Thestyleda* Iredale, 1929 (*Leda ramsayi* E. A. Smith)  
*investigator* Dell, 1952 (P1. 361) C.\*

#### NUCULANIDAE: LEDELLINAE 41, 497

*Ledella* Verrill & Bush, 1897 (*Ledella bushae* Warén)  
*hermanni* Dell, 1953 (P1. 361) M.\*  
*kermadecensis* Knudsen, 1970 (Kd1. 33) A.\*  
*librata* Dell, 1952 (P1. 361) C.\*

#### NUCULANIDAE: SPINULINAE 41, 497

*Spinula* Dall, 1908 (*Leda (Spinula) calcar* Dall)  
*calcar* (Dall, 1908) (Kd1. 37) A.\*  
*tasmanica* Knudsen, 1970 (Kd1. 41) F.\*

#### SAREPTIDAE: YOLDIINAE 41, 497

*Yoldia* Möller, 1842 (*Y. hyperborea* Torell)  
*kermadecensis* Knudsen, 1970 (Kd1. 46) A.\*

#### SAREPTIDAE: YOLDIELLINAE 41, 497

*Yoldiella* Verrill & Bush, 1897 (*Yoldia lucida* Lovén)  
*finlayi* (Powell, 1935) (P1. 360; Mx2. 40) A.\*  
*hamiltoni* (Powell, 1935) (P1. 361) F.\*  
*powelli* (Dell, 1950) (P1. 361) A.\*

#### NEILONELLIDAE 41, 497

*Austrotindaria* Fleming, 1948 (*A. wrighti* Fleming)  
*benthicola* Dell, 1956 (P1. 363) M.\*  
*wrighti* Fleming, 1948 (P1. 363) F.\*  
*Neilonella* Dall, 1881 (*Leda (Neilonella) corpulenta* Dall)  
*hadalis* Knudsen, 1970 (Kd1. 61) A.\*  
*kermadecensis* Knudsen, 1970 (Kd1. 63) A.\*  
*Pseudotindaria* Sanders & Allen, 1977 (*Tindaria erebus* Clarke)  
*flemingi* (Dell, 1956) (P1. 363; Mx3. 60) M.\*

#### TINDARIIDAE 41, 497

*Tindaria* Bellardi, 1875 (*T. arata* Bellardi)  
*antarctica* Thiele in Thiele & Jaekel, 1931 (Kd1. 52) A.F.\*

#### MALLETIIDAE 41, 497, 669

*Malletia* des Moulins, 1832 (*M. chilensis* des Moulins)  
*cuneata* (Jeffreys, 1876) (Kd1. 64) A.F.\*  
*galathea* Knudsen, 1970 (Kd1. 69) F.\*  
*Neilo* A. Adams, 1854 (*N. cumingii* A. Adams)

*annectens* Powell, 1931 (= *rugata* Dell) (P1. 362; Mr4. 426; Bu17. 254) C.F.\*  
*australis* (Quoy & Gaimard, 1835) (P1. 362) A.C.F.M.\*  
*blacki* Marshall, 1978 (Mr4. 430) C.\*  
*wairoana delli* Marshall, 1978 (Mr4. 428) A.C.F.M.\*  
*Pseudomalletia* Fischer, 1886 (*Malletia obtusa* G.O. Sars)  
*noteana* (Marshall, 1978) (Mr4. 432; Mx3. 60) C.\*

**Subclass Pteriomorpha**  
**Order Arcoida**

ARCIDAE: ARCINAE 419  
*Acar* Gray, 1857 (*Byssosarca divaricata* Sowerby)  
*asperula* (Dall, 1881) (Kd1. 73) A.\*  
*sandersonae* Powell, 1933 (P1. 365) A.C.F.M.  
*sociella* (Brookes, 1926) (P1. 364) A.  
*Barbatia* Gray, 1847 (*Arca barbata* Linné)  
*novaezealandiae* (E.A. Smith, 1915) (P1. 364) A.C.F.M.

ARCIDAE: ANADARINAE 316  
*Anadara* Gray, 1847 (*Arca antiquata* Linné)  
*trapezia* (Deshayes, 1839) (P1. 363) A. Subrecent.  
*Bathyarca* Kobelt, 1891 (*Arca pectunculoides* Scacchi)  
*cybaea* Hedley, 1906 (P1. 365) A.C.F.An.\*  
*orbiculata* (Dall, 1881) (Kd1. 76; Kn1. 303) A.\*

LIMOPSIDAE  
*Pectunculina* d'Orbigny, 1844 (*P. scalaris* Sowerby)  
*lata* (E. A. Smith, 1885) (P1. 365) A.C.F.\*  
*proceritas* Crozier, 1966 (P1. 365) A.\*

GLYCYMERIDIDAE: GLYCYMERIDINAE 395  
*Glycymeris* da Costa, 1778 (*Arca glycymeris* Linné)  
(*Glycymerula*) Finlay & Marwick, 1937 (*Axinaea modesta* Angas)  
*modesta* (Angas, 1879) (P1. 366) A.C.F.M.

GLYCYMERIDIDAE: MELAXINAEINAE 439  
*Tucetona* Iredale, 1931 (*Pectunculus flabellatus* Tenison-Woods)  
*laticostata* (Quoy & Gaimard, 1835) (P1. 365; Bu17. 114) A.C.F.M.

PHILOBRYIDAE  
*Aupouria* Powell, 1937 (*A. parvula* Powell)  
*parvula* Powell, 1937 (P1. 370) A.\*  
*Cosa* Finlay, 1926 (*Hochstetteria costata* Bernard)  
*costata* (Bernard, 1896) (P1. 370) A.C.F.An.\*  
*dispar* Powell, 1937 (P1. 370) A.\*  
*filholi* (Bernard, 1897) (P1. 370) A.C.F.M.An.\*  
*laevicostata* Powell, 1933 (P1. 371) A.  
*serratocostata* Powell, 1933 (P1. 371) A.  
*Cratis* Hedley, 1915 (*C. progressa* Hedley)  
*delicatula* Powell, 1937 (P1. 371) A.\*  
*retiarina* Powell, 1937 (P1. 371) A.\*  
*Lissarca* E.A. Smith, 1877 (*Arca* (L.) *rubrofusca* E.A. Smith)  
*aucklandica* E.A. Smith, 1902 (P1. 368) An.

*benthicola* (Dell, 1956) (P1. 369) F.\*  
*exilis* Suter, 1913 (P1. 368) An.\*  
*harrisonae* Powell, 1927 (P1. 369) F.  
*ornata* (Crozier, 1966) (P1. 369) A.\*  
*pileopsis* (Powell, 1927) (P1. 369) F.\*  
*pisum* Suter, 1913 (P1. 368) An.\*  
*stationis* Fleming, 1948 (P1. 368) F.\*  
*stewartiana* Powell, 1935 (P1. 369) F.  
*trapezina* (Bernard, 1897) (P1. 369) C.F.An.  
*Philobrya* Carpenter, 1872 (*Bryophila setosa* Carpenter)  
*acutangula* (Powell, 1935) (P1. 367) A.\*  
*hamiltoni* (Hedley, 1916) (P1. 367) An.  
*meleagrina* (Bernard, 1896) (P1. 367) F.M.  
*modiolus* Suter, 1913 (P1. 367) M.An.\*  
*munita* (Finlay, 1930) (P1. 367) A.C.  
*pinctada* (Finlay, 1930) (P1. 367) F.\*  
*sculpturalis* (Dell, 1956) (P1. 368) F.M.\*  
*Verticipronus* Hedley, 1904 (*V. mytilus* Hedley)  
*mytilus* Hedley, 1904 (P1. 371) C.F.M.An.

**Order Mytiloida**

MYTILIDAE: MYTILINAE 32, 49, 68, 69, 70, 71, 72, 73, 230, 283, 358, 359, 360, 362, 363, 364, 367, 413, 417, 419, 464, 467, 502, 528, 572, 636, 642, 689, 694, 762  
*Aulacomya* Mörch, 1853 (*Mytilus magellanicus* Chemnitz)  
*atra maoriana* (Iredale, 1915) (P1. 372; Cz1. 110) A.C.F.M.An.

*Mytilus* Linné, 1758 (*M. edulis* Linné)  
*edulis galloprovincialis* Lamarck, 1819 (= *noteanus* Powell) (P1. 372; Md1. 329; Ga1. 239) A.C.F.M. An.

*Perna* Retzius, 1788 (*P. magellanica* Retzius)  
*canaliculus* (Gmelin, 1791) (P1. 372) A.C.F.  
*Septifer* Récluz, 1848 (*Mytilus bilocularis* Linné)  
*cf. bilocularis* (Linné, 1758) (P1. 372) A.\*

MYTILIDAE: CRENELLINAE 550, 575, 804, 806  
*Crenella* Brown, 1827 (*C. elliptica* Brown)  
*radians* (Suter, 1908) (P1. 374; Oc1. 102; Bu17. 394) A.\*

*Modiolarca* Gray in Dieffenbach, 1843 (*Mytilus impactus* Hermann)  
*impacta* (Hermann, 1782) (P1. 374) A.C.F.M.  
*Musculista* Yamamoto & Habe, 1958 (*Modiola senhousia* Benson in Cantor)  
*senhousia* (Benson in Cantor, 1842) (W113. 86; W116. 476) A.

*Trichomusculus* Iredale, 1924 (*Lithodomus barbatus* Reeve)  
*barbatus* (Reeve, 1858) (P1. 373; Bu17. 395) A.C.M.

MYTILIDAE: DACRYDIINAE  
*Dacrydium* Torrell, 1859 (?*Mytilus vitrea* Holböll in Möller) (= *Quendreda* Iredale)  
*pelseeneeri* Hedley, 1906 (P1. 374; Oc1. 112) A.F.\*

MYTILIDAE: LITHOPHAGINAE 432  
*Zelithophaga* Finlay, 1926 (*Lithodomus truncatus* Gray in Dieffenbach)



*truncata* (Gray in Dieffenbach, 1843) (P1. 374; Ws1. 437; Bu17. 395) A.C.F.

MYTILIDAE: MODIOLINAE 233  
*Benthomodiolus* Dell, 1987 (*B. lignicola* Dell)  
*lignicola* Dell, 1987 (DI3. 33) A.C.M.\*  
*ldus* Jeffreys, 1876 (*I. argenteus* Jeffreys) (= *ldasola* Iredale = *Adipicola* Dautzenberg)  
*japonica* (Habe, 1976) (DI3. 30) A.\*  
*osseocola* (Dell, 1987) (DI3. 22) M.\*  
*washingtoniana* (Bernard, 1978) (DI3. 28) A.C.M.\*  
*Modiolus* Lamarck, 1799 (*Mytilus modiolus* Linné)  
*areolatus* Gould, 1850 (P1. 373) A.C.F.M.An.  
*Xenostrobus* Wilson, 1967 (*Volsella inconstans* Dunker)  
*pulex* (Lamarck, 1819) (P1. 373) A.C.F.An.  
*securis* (Lamarck, 1819) (P1. 373) A.C.F.M.

PINNIDAE 39, 40, 419, 439, 586  
*Atrina* Gray, 1842 (*Pinna nigra* Dillwyn)  
*pectinata zelandica* (Gray in Yate, 1835) (P1. 375) A.C.F.

### Order Pterioida

PTERIIDAE  
*Pteria* Scopoli, 1777 (*Mytilus lurundo* Linné)  
*levitata* (Iredale, 1939) (P1. 375) A.\*

OSTREIDAE 4, 5, 7, 8, 18, 46, 47, 48, 49, 53, 84, 130, 139, 140, 142, 152, 198, 208, 224, 225, 226, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 250, 252, 282, 298, 324, 326, 336, 337, 361, 365, 366, 369, 370, 371, 372, 416, 417, 419, 528, 655, 691, 693, 695, 701, 720, 726, 763  
*Crassostrea* Sacco, 1897 (*Ostrea virginica* Gmelin)  
*gigas* (Thunberg, 1793) (P1. 376; Jn1. 173) A.C.  
*Ostrea* Linné, 1758 (*O. edulis* Linné)  
*aupouria* Dinamani, 1981 (Dn1. 110) A.C.  
*Saccostrea* Dolfus & Dautzenberg, 1920 (*Ostrea sacculus* Dujardin)  
*cucullata* (Born, 1778) (= *glomerata* Gould) (P1. 376; Hy1. 150) A.C.M.  
*Tiostrea* Chanley & Dinamani, 1980 (*Ostrea lutaria* Hutton)  
*chilensis lutaria* (Hutton, 1873) (= *charlottae* Finlay = *heffordi* Finlay) (P1. 375; Ch1. 116; Bk1. 191; Bu17. 340) A.C.F.M.

PECTINIDAE 38, 49, 86, 93, 141, 143, 144, 145, 146, 147, 148, 159, 328, 368, 417, 419, 439, 507, 528, 652, 685, 711, 712, 713, 719, 770, 771, 798, 818  
*Chlamys* Röding, 1798 (*Pecten islandicus* Müller)  
*consociata* E. A. Smith, 1915 (P1. 377) A.\*  
*gemmulata* (Reeve, 1853) (P1. 378) A.C.F.M.\*  
*kiwaensis* Powell, 1933 (P1. 378) C.\*  
*zelandiae* (Gray in Dieffenbach, 1843) (= *dieffenbachi* Reeve = *zealandona* Hertlein) (P1. 378-379; W17. 244; Bu17. 338) A.C.F.M.  
*Delectopecten* Stewart, 1920 (*Pecten (Pseudamussium)*

*vancouverensis* Whiteaves)  
*fosterianum* (Powell, 1933) (P1. 379) C.\*  
*Mesopeplum* Iredale, 1929 (*M. caroli* Iredale)  
*convexum* (Quoy & Gaimard, 1835) (P1. 377) A.C.F.M.\*  
*Pecten* Müller, 1776 (*Ostrea maxima* Linné)  
*novaezelandiae* Reeve, 1853 (P1. 377) A.C.F.M.  
*Zygochlamys* Ihering, 1907 (*Pecten geminatus* Sowerby)  
*delicatula* (Hutton, 1873) (P1. 379; Bu17. 308; Wa1. 29) C.F.M.An.\*  
*dichroa* (Suter, 1909) (P1. 378; Wa1. 29) F.M.\*  
*taiaroa* (Powell, 1952) (P1. 378; Wa1. 29) F.\*

PROPEAMUSSIIDAE 652  
*Cyclopecten* Verrill, 1897 (*Pecten pustulosus* Verrill)  
*aupouria* Powell, 1937 (P1. 380) A.M.\*  
*mestayerae* Dell, 1956 (P1. 380) A.\*  
*powelli* Dell, 1956 (P1. 380) C.\*  
*secundus* (Finlay, 1926) (P1. 380) A.\*  
*transenna* (Suter, 1913) (P1. 380) C.F.An.  
*Parvamussium* Sacco, 1897 (*Pecten duodecimlamellatus* Bronn)  
*maortium* Dell, 1956 (P1. 381; Mx2. 44) A.F.M.\*  
*Propeamussium* de Gregorio, 1884 (*Pecten (Propeamussium) ceciliae* de Gregorio)  
*meridionale* (E. A. Smith, 1885) (Kd1. 94) A.\*

DIMYIDAE  
*Dimyaria* Iredale, 1936 (*Dimya corrugata* Hedley)  
*maoria* (Powell, 1937) (P1. 381) A.\*

ANOMIIDAE  
*Anomia* Linné, 1758 (*A. ephippium* Linné)  
*trigonopsis* Hutton, 1877 (P1. 383) A.C.  
*Pododensmus* Philippi, 1837 (*P. decipiens* Philippi) (= *Monia* Gray)  
*zelandicus* (Gray in Dieffenbach, 1843) (P1. 383; Yg1. 459) A.C.F.M.An.

LIMIDAE 439  
*Acesta* H. & A. Adams, 1858 (*Ostrea excavata* Fabre) sp. Dell, 1978 (DI2. 164; Dw1. 61) An.\*  
*Divarilima* Powell, 1958 (*Lima sydneyensis* Hedley)  
*sydneyensis* (Hedley, 1904) (P1. 381) A.  
*Escalima* Iredale, 1929 (*Lima acclinis* Hedley)  
*regularis* Powell, 1955 (P1. 382) A.C.F.M.An.\*  
*Lima* Bruguière, 1797 (*Lima alba* Cuvier)  
*zelandica* Sowerby, 1876 (P1. 381; Bu17. 182) F.M.An.\*  
*Limaria* Link, 1807 (*Limaria inflata* Link)  
*orientalis* (A. Adams & Reeve, 1850) (P1. 383) A.  
*Limatula* Searles Wood, 1839 (*Pecten subauriculata* Montagu)  
*powelli* Fleming, 1978 (FI1. 54) A.An.\*  
*maoria* Finlay, 1926 (P1. 382; FI1. 49; Bu17. 182, 396) A.C.F.M.\*  
*suteri* (Dall, 1908) (P1. 382; FI1. 38) C.F.M.An.\*  
*vigilis* Fleming, 1978 (FI1. 58) A.C.F.An.\*  
(*Antarctolima*) Habe, 1977 (*Lima (Limatula) hodgsoni* E.A. Smith) (= *Squamulima* Fleming)

*pygmaea* (Philippi, 1845) (P1. 382; Fl1. 82) An.\*  
(*Limatuletta*) Fleming, 1978 (*Limatula japonica* A. Adams)  
*aupouria* Powell, 1937 (P1. 382; Fl1. 80) A.\*  
*delli* Fleming, 1978 (Fl1. 76; Bu17. 396) A.\*

**Subclass Palaeoheterodonta**  
**Order Unionoida**

HYRIIDAE: HYRIDELLINAE 27, 111, 219,  
220, 400, 401

*Cucumerunio* Iredale, 1934 (*Unio novaehollandiae* Gray)  
*websteri websteri* (Simpson, 1902) (P1. 385) FW:N.  
*websteri delli* McMichael & Hiscock, 1958 (P1. 385)  
FW:N.

*Hyridella* Swainson, 1840 (*Unio australis* Lamarck)  
(*Echyridella*) McMichael & Hiscock, 1958 (*Unio menziesi*  
Gray in Dieffenbach)  
*menziesi* Gray in Dieffenbach, 1843 (P1. 384) FW:N.S.

**Subclass Heterodonta**  
**Order Veneroida**

LUCINIDAE: LUCININAE  
*Lucinoma* Dall, 1901 (*Lucina filosa* Stimpson)  
*galathea* Marwick, 1953 (P1. 385) F.M.\*

LUCINIDAE: DIVARICELLINAE  
*Divaricella* Martens, 1880 (*Lucina angulifera* Martens)  
(*Divalucina*) Iredale, 1936 (*Lucina cumingii* A. Adams &  
Angas)  
*huttoniana* (Vanatta, 1901) (P1. 386) A.C.F.M.

LUCINIDAE: MYRTEINAE  
*Epicodakia* Iredale, 1930 (*E. gunnamatta* Iredale)  
*neozelanica* Powell, 1937 (P1. 386) A.\*  
*Gonimyrtea* Marwick, 1929 (*Loripes concinna* Hutton)  
*concinna* (Hutton, 1885) (P1. 385) A.C.\*

THYASIRIDAE: THYASIRINAE  
*Genaxinus* Iredale, 1930 (*Thyasira albigena* Hedley)  
*cookianus* Fleming, 1950 (P1. 387) A.C.F.M.\*  
*otagoensis* (Suter, 1913) (P1. 387) F.\*  
*Maorithyas* Fleming, 1950 (*M. marama* Fleming)  
*flemingi* Powell, 1955 (P1. 387) An.\*  
*marama* Fleming, 1950 (P1. 387) C.F.\*  
*Thyasira* Leach in Lamarck, 1818 (*Amphidesma flexuosa*  
Lamarck)  
*peregrina* (Iredale, 1930) (P1. 386; Bu17. 397) C.F.M.\*  
*waikanae* Fleming, 1950 (P1. 387; Bu17. 397) C.  
*Parathyasira* Iredale, 1930 (*P. resupina* Iredale)  
*neozelanica* Iredale, 1930 (P1. 387; Mx3. 71) A.C.F.\*

UNGULINIDAE  
*Diplodonta* Bronn, 1831 (*Venus lupinus* Brocchi)  
(*Zemysina*) Finlay, 1926 (*Zemysia (Zemysina) globus*  
Finlay)  
*globus* (Finlay, 1926) (P1. 388) A.C.F.M.An.  
*striatula* (Finlay, 1926) (P1. 388) A.C.M.

*Felaniella* Dall, 1899 (*Felania usta* Gould)  
(*Zemysia*) Finlay, 1926 (*Lucina zelandica* Gray in Yate)  
*rakiura* (Powell, 1939) (P1. 388) F.M.  
*zelandica* (Gray in Yate, 1835) (P1. 388) A.C.F.M.

LASAEIDAE: LASAEINAE 576  
*Lasaea* Brown, 1827 (*Cardium rubrum* Montagu)  
*maoria* (Powell, 1933) (P1. 389) A.C.  
*parengaensis* Powell, 1935 (P1. 389) A.\*  
*hinemoa* Finlay, 1928 (P1. 389; Bu17. 397) A.C.F.M.  
An.  
*rossiana* Finlay, 1928 (P1. 389) An.

LASAEIDAE: ERYCININAE  
*Arthritica* Finlay, 1926 (*Kellia bifurca* Webster)  
*bifurca* (Webster, 1908) (P1. 391) A.C.F.M.An.  
*crassiformis* Powell, 1933 (P1. 391) A.C.  
*hulmei* Ponder, 1965 (P1. 392) C.\*  
*Borniola* Iredale, 1924 (*Bornia lepida* Hedley)  
*bidentifera* (Powell, 1933) (P1. 390) A.  
*decapitata* (Powell, 1939) (P1. 390) F.M.An.  
*neozelanica* Powell, 1937 (P1. 390) A.\*  
*powelli* Crozier, 1966 (P1. 390) A.M.\*  
*profunda* (Dell, 1952) (P1. 391) C.\*  
*quadrata* (Dell, 1956) (P1. 391) M.\*  
*reniformis* (Suter, 1908) (P1. 391) A.C.F.M.An.  
*taieriensis* (Powell, 1939) (P1. 391) F.  
*Melliteryx* Iredale, 1924 (*Erycina acupuncta* Hedley)  
*parva* (Deshayes, 1856) (P1. 389) A.C.F.M.An.

LASAEIDAE: MYLLITINAE  
*Myllita* d'Orbigny & Récluz, 1850 (*M. deshayesi*  
d'Orbigny & Récluz)  
(*Zemyllita*) Finlay, 1926 (*Pythina stoweii* Hutton)  
*stoweii* (Hutton, 1873) (P1. 392) A.C.F.  
*Myllitella* Finlay, 1926 (*M. vivens* Finlay)  
*vivens vivens* Finlay, 1926 (P1. 393) A.C.F.\*  
*vivens pinguis* Marwick, 1928 (P1. 393) M.

KELLIIDAE: KELLIINAE  
*Kellia* Turton, 1822 (*Mya suborbicularis* Montagu)  
*cycladiformis* (Deshayes, 1834) (P1. 393) A.C.F.M.  
(*Kaneoha*) Dall, Bartsch & Rehder, 1938 (*Kaneoha rosea*  
Dall, Bartsch & Rehder)  
*minima* Ponder, 1971 (P1. 393) A.C.F.

MONTACUTIDAE: MONTACUTINAE  
*Montacuta* Turton, 1822 (*Ligula substriata* Montagu)  
*semiradiata neozelanica* (Dell, 1956) (P1. 395) A.M.\*  
(*Tellimya*) Brown, 1827 (*Mya ferruginosa* Montagu)  
*vitrea aupouria* Ponder, 1968 (P1. 395) A.\*

MONTACUTIDAE: MYSELLINAE  
*Mysella* Angas, 1877 (*M. anomala* Angas)  
*alpha* Powell, 1937 (P1. 395) A.\*  
*beta* Powell, 1937 (P1. 395) A.\*  
*charcoti* (Lamy, 1906) (P1. 395) An.  
*henryi* Fleming, 1948 (P1. 397) F.\*  
*hounselli* (Powell, 1931) (P1. 397) A.C.\*  
*lachlani* Dell, 1952 (P1. 397) C.\*

*larochiei* Powell, 1940 (P1. 397) A.\*  
*macquariensis* (Hedley, 1916) (P1. 397) An.  
*moria* Dell, 1952 (P1. 397) M.\*  
*tellimula* (Odhner, 1924) (P1. 397) A.  
*unidentata* (Odhner, 1924) (P1. 397) F.M.An.

GALEOMMATIDAE 109, 200, 535, 536, 549  
*Scintilla* Deshayes, 1856 (*S. philippinensis* Deshayes)  
*stevensoni* Powell, 1932 (P1. 398) A.  
*Scintillona* Finlay, 1926 (*Spaniorimus zelandicus* Odhner)  
*benthicola* Dell, 1956 (P1. 398) M.\*  
*zelandica* (Odhner, 1924) (P1. 398) A.C.F.An.  
*Divariscintilla* Powell, 1932 (*D. maoria* Powell)  
*maoria* Powell, 1932 (P1. 398; Ms1. 189) A.C.

CYAMIIDAE  
*Cyamimactra* Bernard, 1897 (*C. problematica* Bernard)  
*problematica* Bernard, 1897 (P1. 399) A.C.F.M.An.\*  
*Kidderia* Dall, 1876 (*K. minuta* Dall)  
*acrobeles* (Suter, 1913) (P1. 399) An.\*  
*aupouria aupouria* Powell, 1933 (P1. 399) A.  
*aupouria fiordlandica* Fleming, 1948 (P1. 399) F.\*  
*bicolor* (Martens, 1885) (P1. 399) An.  
*campbelli* Odhner, 1924 (P1. 399) An.  
*marshalli* Fleming, 1948 (P1. 400) F.\*  
*oblonga* (E.A. Smith, 1899) (P1. 400) An.  
*rakiura* Powell, 1939 (P1. 400) F.M.\*  
*subquadrata* (Pelseneer, 1903) (P1. 400) An.  
(*Costokidderia*) Finlay, 1926 (*Kidderia costata* Odhner)  
*costata* Odhner, 1924 (P1. 401) A.C.F.M.An.  
*Perrierina* Bernard, 1897 (*P. taxodonta* Bernard)  
*georgiana* Fleming, 1948 (P1. 401) F.\*  
*insulana* Powell, 1933 (P1. 401) M.\*  
*natai* Fleming, 1948 (P1. 401) F.\*  
*mestayerae* Powell, 1933 (P1. 401) An.\*  
*perstriata* Fleming, 1948 (P1. 401) F.\*  
*subquadrangula* Dell, 1952 (P1. 402) C.\*  
*substriata* Powell, 1935 (P1. 402) A.\*  
*taxodonta* Bernard, 1897 (P1. 402) F.\*  
(*Legrandina*) Tate & May, 1901 (*L. bernardi* Tate & May)  
*aucklandica* (Powell, 1933) (P1. 403) An.  
*harrisonae* (Powell, 1935) (P1. 403) F.  
*turneri* (Powell, 1939) (P1. 403) F.M.

NEOLEPTONIDAE  
*Neolepton* Monterosato, 1875 (*Lepton sulcatulum* Jeffreys)  
*autipodum* (Filhol, 1880) (P1. 403) A.C.F.M.An.  
*powelli* Dell, 1964 (P1. 403) An.\*  
*sublaevigatum* (Powell, 1937) (P1. 404) A.\*  
*subobliquum* (Powell, 1937) (P1. 404) A.\*  
*triangulare* (Dell, 1956) (P1. 404) M.\*  
*Pachykellya* Bernard, 1897 (*P. edwardsi* Bernard)  
*bernardi* Powell, 1927 (P1. 404) F.\*  
*concentrica* Powell, 1927 (P1. 404) F.M.\*  
*edwardsi* Bernard, 1897 (P1. 404) F.\*  
*minima* Powell, 1931 (P1. 404) An.\*  
*rotunda* Powell, 1927 (P1. 404) F.An.\*  
*Pnyseguria* Powell, 1927 (*P. cuneata* Powell)  
*cuneata* Powell, 1927 (P1. 405) F.  
*prognata* Powell, 1927 (P1. 405) F.\*

*tani* Powell, 1939 (P1. 405) F.

#### SPORTELLIDAE

*Anisodonta* Deshayes, 1858 (*A. complanata* Deshayes)  
(*Talumammia*) Powell, 1952 (*T. alata* Powell)  
*alata alata* (Powell, 1952) (P1. 405) A.C.F.\*  
*alata trigonia* (Powell, 1952) (P1. 405) An.\*  
(*Austroportella*) Ponder, 1971 (*Anisodonta* (*Austro-*  
*portella*) *psendoscintilla* Ponder)  
*psendoscintilla* Ponder, 1971 (P1. 406) F.M.\*  
*Benthoquetia* Iredale, 1930 (*Turquetia integra* Hedley)  
*integra* (Hedley, 1907) (P1. 406) C.F.M.\*

#### CARDITIDAE: CARDITINAE

*Cardita* Bruguière, 1792 (*C. variegata* Bruguière)  
*aoteana* Finlay, 1926 (P1. 406) A.C.F.M.An.  
*brookesi* Finlay, 1926 (P1. 406) A.

#### CARDITIDAE: VENERICARDIINAE

*Pleuromeris* Conrad, 1867 (*P. decemcostata* Conrad)  
*latiuscula latiuscula* Powell, 1937 (P1. 407) A.\*  
*latiuscula benthicola* Powell, 1937 (P1. 407) A.\*  
*marshalli* (Marwick, 1924) (P1. 407) F.M.An.\*  
*paucicostata* Laws, 1940 (P1. 407) A.\*  
*ultima* Dell, 1956 (P1. 408) M.\*  
*zelandica* (Deshayes, 1854) (P1. 408) A.C.F.\*  
*Venericardia* Lamarck, 1801 (*Venus imbricata* Lamarck)  
(*Purpurocardia*) Maxwell, 1969 (*Cardita purpurata*  
Deshayes)  
*purpurata* (Deshayes, 1854) (P1. 407) A.C.F.M.An.  
*reinga* Powell, 1933 (P1. 407) A.

#### CONDYLOCARDIIDAE

*Benthocardiella* Powell, 1930 (*B. pusilla* Powell)  
*hamatadens* Powell, 1930 (P1. 409) A.\*  
*obliquata obliquata* Powell, 1930 (P1. 409) A.\*  
*obliquata bountiensis* Powell, 1933 (P1. 409) An.\*  
*obliquata chathamensis* Powell, 1933 (P1. 409) M.  
*orbicula* Powell, 1930 (P1. 409) A.\*  
*pusilla* Powell, 1930 (P1. 410) A.C.\*  
*rakiura* Powell, 1939 (P1. 410) F.  
*striatula* Powell, 1931 (P1. 410) An.\*  
*Carditella* E. A. Smith, 1881 (*C. pallida* E. A. Smith)  
*delli* Crozier, 1966 (P1. 409) A.\*  
*Condylocardia* Bernard, 1896 (*C. sanctipauli* Bernard)  
*crassicosta* Bernard, 1897 (P1. 408) A.C.F.M.An.\*  
*pectinata chathamensis* Powell, 1933 (P1. 408) F.M.\*  
*Condylocuma* Iredale, 1936 (*Condylocardia projecta*  
Hedley)  
*concentrica* (Bernard, 1897) (P1. 408) A.C.F.M.An.\*  
*mernoo* (Dell, 1952) (P1. 408) C.\*  
*torquata* (Marwick, 1928) (P1. 409) M.\*

#### CUNIDAE

*Hamacuna* Cotton, 1931 (*Cuna hamata* Hedley & May)  
*auponria* (Powell, 1937) (P1. 412) A.\*  
*gibbosa* (Powell, 1937) (P1. 412) A.\*  
*otagoensis* (Powell, 1927) (P1. 412; Bu17. 398) F.\*  
*Volupicuna* Iredale, 1938 (*Cuna delta* Tate & May)  
*carditelloides* (Suter, 1911) (P1. 411) C.\*

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*compressidens* (Powell, 1933) (P1. 411) A.\*  
*laqueus* (Finlay, 1926) (P1. 411; Bu17. 398) F.An.\*  
*manawatawhia* (Powell, 1937) (P1. 411) A.\*  
*mayi* (Powell, 1930) (P1. 411; Bu17. 398) A.C.\*  
*mendica* (Dell, 1952) (P1. 412) C.\*  
*waikukuensis* (Powell, 1937) (P1. 412) A.\*

#### CRASSATELLIDAE

*Talabrica* Iredale, 1924 (*Crassatella aurora* A. Adams & Angas)  
*bellula* (A. Adams, 1854) (P1. 411) A.C.F.\*

#### CARDIIDAE: FRAGINAE

*Corculum* Röding, 1798 (*Cardium cardissa* Linné)  
*inexpectatum* Crozier, 1966 (P1. 413) A.\*

#### CARDIIDAE: PROTOCARDIINAE 627

*Pratulium* Iredale, 1924 (*Cardium thetidis* Hedley)  
*pulchellum* (Gray in Dieffenbach, 1843) (P1. 413; Pt1. 140) A.C.F.M.An.\*

#### MACTRIDAE: MACTRINAE 201, 343

*Cyclomactra* Dall, 1895 (*Mactra tristis* Deshayes)  
*ovata* (Gray in Dieffenbach, 1843) (P1. 413; Bu17. 342) A.C.F.  
*tristis* (Reeve, 1854) (P1. 413; Bu17. 342) A.C.  
*Mactra* Linné, 1767 (*M. stultorum* Linné)  
*discors* Gray, 1837 (P1. 413) A.C.F.  
*murchisoni* Deshayes in Reeve, 1854 (P1. 413; Bu17. 426) A.C.F.  
*Maorimactra* Finlay, 1928 (*Mactra ordinaria* E.A. Smith)  
*ordinaria* (E.A. Smith, 1898) (P1. 414; Bu17. 286) A.C.  
*Oxyperas* Mörch, 1853 (*Mactra triangularis* Lamarck)  
(*Pseudoxyperas*) Sacco, 1901 (*Mactra* (P.) *proaspera* Sacco)  
*elongata* (Quoy & Gaimard, 1835) (P1. 414; Mx1. 22) A.C.F.M.  
*Scalpomactra* Finlay in Marwick, 1928 (*Mactra scalpellum* Reeve)  
*scalpellum* (Reeve, 1854) (P1. 414) A.C.F.  
*Spisula* Gray, 1837 (*Mactra solida* Linné)  
(*Crassula*) Marwick, 1948 (*Mactra aequilateralis* Deshayes)  
*aequilatera* (Deshayes in Reeve, 1854) (= *aequilateralis* Deshayes) (P1. 414; Bu17. 426) A.C.F.

#### MACTRIDAE: ZENATIINAE

*Resania* Gray, 1853 (*R. lanceolata* Gray)  
*lanceolata* Gray, 1853 (P1. 414) A.C.F.  
*Zenatia* Gray, 1853 (*Z. zelandica* Gray)  
*acinaces* (Quoy & Gaimard, 1835) (P1. 414) A.C.F.

#### MESODESMATIDAE 49, 101, 209, 251, 257, 317, 318, 321, 417, 419, 637, 638, 640, 641, 646, 698, 759, 789, 790, 823

*Papilus* Lesson, 1831 (*P. roissyana* Lesson)  
*australis* (Gmelin, 1791) (P1. 415) A.C.F.M.An.  
*donacina* (Spengler, 1793) (= *quoyii* Deshayes) (P1. 416; Bu9. 218) C.F.  
*subtriangulata* (Gray in Wood, 1828) (= *porrecta* of authors not Marwick) (P1. 416; Bu9. 214; St3. 31;

Bu17. 312) A.C.F.M.  
*ventricosa* (Gray in Dieffenbach, 1843) (P1. 416) A.C.F.

#### TELLINIDAE 100, 223, 419, 656, 732, 733, 789, 790, 797

*Elliptotellina* Cossmann, 1887 (*Donax tellinella* Lamarck) (= *Ascitellina* Marwick)  
*urinatoria* (Suter, 1913) (P1. 419; Bu17. 428) A.C.F.M.An.\*  
*Macomona* Finlay, 1926 (*Tellina liliana* Iredale)  
*liliana* (Iredale, 1915) (P1. 417) A.C.F.M.  
*Moerella* Fischer, 1887 (*Tellina donacina* Linné)  
*huttoni* (E. A. Smith, 1885) (P1. 417; Bu17. 429; Mx3. 77) A.C.F.\*  
*Peronaea* Poli, 1791 (*Tellina planata* Linné)  
*gaimardi* (Iredale, 1915) (P1. 417; Bu17. 429) A.C.F.  
*Pseudarcopagia* Bertin, 1878 (*Tellina decussata* Lamarck, not Wood) (= *Zearcopagia*)  
*disculus* (Deshayes, 1855) (P1. 418) A.C.F.M.  
*Rexithaerus* Conrad in Tryon, 1869 (*Tellina secta* Conrad)  
*spenceri* (Suter, 1907) (P1. 417; Bu17. 429) A.C.F.  
*Serratina* Pallary, 1922 (*Tellina serrata* Brocchi)  
*chlurloctae* (E.A. Smith, 1885) (P1. 417; Bu17. 429) A.C.F.M.\*  
*eugonia* (Suter, 1913) (P1. 417; Bu17. 429) C.F.\*  
*Tellinota* Iredale, 1936 (*T. roseola* Iredale)  
*edgari* (Iredale, 1915) (P1. 417; Bu17. 429) A.C.

#### PSAMMOBIIDAE 809, 810

*Gari* Schumacher, 1817 (*G. vulgaris* Schumacher)  
(*Gobraeus*) Brown, 1844 (*Solen vespertinus* Gmelin)  
*stangeri* (Gray in Dieffenbach, 1843) (P1. 418; W120. 49) A.C.F.M.  
(*Psammobia*) Lamarck, 1818 (*P. fervens* Gmelin)  
*convexa* (Reeve, 1857) (= *hodgii* Willan) (W14. 174; W19. 231; W120. 43) A.C.F.M.  
*lineolata* (Gray in Yate, 1835) (P1. 418; W14. 176; W120. 45) A.C.F.M.  
*Soletellina* de Blainville, 1824 (*S. radiata* de Blainville)  
*nitida* (Gray in Dieffenbach, 1843) (= *siliqua* Reeve not of authors) (P1. 418; W120. 83) A.C.F.M.  
*siliquens* Willan, 1993 (= *siliqua* of authors not Reeve, 1857) (P1. 419; W120. 85) A.C.F.

#### SEMELIDAE

*Abra* Lamarck, 1818 (*Mactra tenuis* Montagu)  
*profundorum* (E.A. Smith, 1885) (Kd1. 104) A.\*  
*Leptomya* A. Adams, 1864 (*Neaera cochlearis* Hinds)  
*retiaria retiaria* (Hutton, 1885) (P1. 420) A.C.F.  
*retiaria aucklandica* Powell, 1955 (P1. 420) An.\*  
*Semele* Schumacher, 1817 (*Tellina reticulata* Schumacher)  
*brambleyae* Powell, 1967 (P1. 419) A.  
*Theora* H. & A. Adams, 1856 (*Neaera lata* Hinds)  
(*Endopleura*) A. Adams, 1864 (*T. lubrica* Gould)  
*lubrica* Gould, 1861 (P1. 419) A.

#### KELLIELLIDAE

*Kelliella* Sars, 1870 (*K. abyssicola* Sars)  
*bruuni* (Filatova, 1969) (Kd1. 107) A.\*



*tasmanensis* Knudsen, 1970 (Kd1. 115) F.\*

SPIHAERIIDAE 320, 350, 435

*Musculium* Link, 1807 (*Tellina lacustris* Müller)  
*novaezelandiae* (Deshayes, 1853) (P1. 422; Hd1. 446)  
FW:N.S.Chat.Auck.

*Pisidium* Pfeiffer, 1821 (*Tellina amnica* Müller)  
(*Rivulina*) Clessin, 1873 (*P. supinum* Schmidt)  
*casertanum* (Poli, 1791) (P1. 422) FW:N.S.Stew.  
(*Afropisidium*) Kuiper, 1962 (*P. lepus* Kuiper)  
*hodgkini* (Suter, 1905) (P1. 422) FW:N.S.

GAIMARDIIDAE

*Gaimardia* Gould, 1852 (*Modiolarca trapesina* Lamarck)  
*forsteriana forsteriana* Finlay, 1926 (P1. 420) F.M.  
*forsteriana aucklandica* Finlay, 1926 (P1. 421) An.  
*trapesina coccinea* Hedley, 1916 (P1. 421) An.  
*trapesina flemingi* Powell, 1955 (P1. 421) An.  
(*Neogaimardia*) Odhner, 1924 (*Kellia rostellata* Tate)  
*finlayi* (Powell, 1933) (P1. 421) A.  
(*Progaimardia*) Ponder, 1971 (*Modiolarca minutissima*  
Iredale)  
*minutissima* (Iredale, 1908) (P1. 421) F.

VENERIDAE: VENERINAE

*Dosina* Gray in Yate, 1835 (*D. zelandica* Gray in Yate)  
*crebra* (Hutton, 1873) (P1. 427; Bu17. 400) A.C.  
*zelandica* Gray in Yate, 1835 (P1. 427) A.C.F.  
*Plurigenis* Finlay, 1930 (*P. phenax* Finlay)  
*phenax* Finlay, 1930 (P1. 424) F.An.\*

VENERIDAE: CHIONINAE 28, 30, 49, 249,  
417, 419, 428, 439, 460, 461, 494, 632, 789, 790, 797

*Austrovenus* Finlay, 1926 (*Venus stutchburyi* Gray)  
*stutchburyi* (Gray in Wood, 1828) (= *aucklandica*  
Powell) (P1. 426; Jo1. 195; Bu17. 313) A.C.F.M.  
An.

*Bassina* Jukes-Brown, 1914 (*Venus paucilamellata*  
Dunker)

(*Callanaitis*) Iredale, 1917 (*Venus lamellata* Lamarck)  
*yatei* (Gray in Yate, 1835) (P1. 427; My1. 570, 572)  
A.C.F.

*Protothaca* Dall, 1902 (*Venus thaca* Molina)  
*crassicosta* (Deshayes, 1835) (P1. 425) A.C.F.M.  
*Tawera* Marwick, 1927 (*Venus spissa* Deshayes)  
*bollousi* Powell, 1932 (P1. 424) An.\*  
*marionae* Finlay, 1928 (P1. 424) F.M.  
*mawsoni* (Hedley, 1916) (P1. 424) An.\*  
*rosa* Powell, 1955 (P1. 424) An.  
*spissa* (Deshayes, 1835) (P1. 424) A.C.F.M.

VENERIDAE: DOSINIINAE 419, 789, 790

*Dosinia* Scopoli, 1777 (*Chama dosin* Adanson)  
(*Asa*) Basterot, 1825 (*Venus lincta* Pulteney)  
*lambata* (Gould, 1850) (P1. 423) A.C.  
(*Austrodosinia*) Dall, 1902 (*Cytherea anus* Philippi)  
*anus* (Philippi, 1848) (P1. 423) A.C.  
(*Kereia*) Marwick, 1927 (*D. greyi* Zittel)  
*greyi* Zittel, 1864 (P1. 423) A.C.\*  
(*Phacosoma*) Jukes-Brown, 1912 (*D. japonica* Reeve)

*maoriana* Oliver, 1923 (P1. 423) A.C.M.  
*subrosea* (Gray in Yate, 1835) (P1. 423) A.C.

VENERIDAE: PITARINAE

*Notocallista* Iredale, 1924 (*Cytherea kingii* Gray)  
(*Striacallista*) Marwick, 1938 (*Cytherea multistriata*  
Sowerby)  
*multistriata* (Sowerby, 1851) (P1. 425) A.C.F.\*

VENERIDAE: TAPETINAE

*Gomphina* Mörch, 1853 (*Venus undulosa* Lamarck)  
(*Gomplina*) Marwick, 1927 (*Gomplina maorum* E.A.  
Smith)  
*maorum* E.A. Smith, 1902 (P1. 426) A.  
*Irus* Schmidt, 1818 (*Donax irus* Linné)  
(*Notirus*) Finlay, 1928 (*Venerupis reflexa* Gray in Dieffen-  
bach)  
*reflexus* (Gray in Dieffenbach, 1843) (P1. 425)  
A.C.F.M.  
(*Notopaphia*) Oliver, 1923 (*Venerupis elegans* Deshayes)  
*elegans* (Deshayes, 1854) (P1. 425) A.  
*Ruditapes* Chiamenti, 1900 (*Venus decussata* Linné)  
(= *Paphirus* Finlay)  
*largillerti* (Philippi, 1849) (P1. 426; Bu17. 344)  
A.C.F.M.An.

Order Myoida

CORBULIDAE

*Corbula* Bruguière, 1797 (*C. sulcata* Lamarck)  
(*Caryocorbula*) Gardner, 1926 (*Corbula alabamiensis* Lea)  
*zelandica* Quoy & Gaimard, 1835 (P1. 428; Bu17. 94)  
A.C.F.M.

SPHENIOPSISIDAE

197

*Grippina* Dall, 1912 (*G. californica* Dall)  
*aupouria* (Powell, 1937) (P1. 395; Co2. 400) A.\*

HIATELLIDAE

127, 395, 527

*Cyrtodaria* Reuss, 1801 (*Mya siliqua* Spengler)  
sp. Dell, 1978 (D12. 161) C.\*  
*Hiatella* Bosc (ex Daudin), 1801 (*H. monoptera* Bosc (ex  
Daudin))  
*arctica* (Linné, 1767) (P1. 428) A.C.F.M.An.  
*Panopea* Ménard de la Groye, 1807 (*P. aldrovandi*  
Ménard de la Groye)  
*smithae* Powell, 1950 (P1. 429) A.C.F.M.\*  
*zelandica* (Quoy & Gaimard, 1835) (P1. 428) A.C.F.

PHOLADIDAE: PHOLADINAE

*Barnea* Leach in Risso, 1826 (*B. spinosa* Leach in Risso)  
(*Anchomasa*) Leach, 1852 (*A. pennatiana* Leach)  
*similis* (Gray in Yate, 1835) (P1. 429; Bu17. 346)  
A.C.F.M.

PHOLADIDAE: MARTESIINAE

419

*Pholadidea* Turton, 1819 (*P. loscombiana* Turton)  
*acherontea* Beu & Climo, 1974 (P1. 429) A.C.F.\*  
*suteri* Lamy, 1926 (= *spatulata* Sowerby, not  
Deshayes) (P1. 429; Bu17. 346) A.C.F.

*tridens* (Gray in Dieffenbach, 1843) (P1. 429) A.M.

#### PHOLADIDAE: XYLOPHAGINAE

*Xylophaga* Turton, 1822 (*Teredo dorsalis* Turton)  
cf. *galathea* Knudsen, 1961 (Mk1. 273) C.\*  
cf. *wolffi* Knudsen, 1961 (Mk1. 273) C.\*

#### TEREDINIDAE: TEREDININAE 417, 505, 506

*Lyrodus* Gould, 1870 (*Teredo chlorotica* Gould)  
*medilobatus* (Edmonson, 1942) (P1. 430) A.  
*pedicellatus* (Quatrefages, 1849) (P1. 430) A.C.F.

#### TEREDINIDAE: BANKIINAE 417, 505, 506

*Bankia* Gray, 1842 (*Teredo bipalmulata* Lamarck)  
*australis* (Calman, 1920) (P1. 430) A.C.  
*neztalia* Turner & McKoy, 1979 (= *brevis* of authors  
not Deshayes) (P1. 430; Tr1. 467; Mk1. 266)  
A.C.F.M.An.

*Nototeredo* Bartsch, 1923 (*Teredo edax* Hedley)  
*edax* (Hedley, 1895) (P1. 431) A.C.

### Subclass Anomalodesmata Order Pholadomyoidea

#### PARILIMYIDAE 560

*Parilimyia* Melvill & Standon, 1899 (*Pholadomyia* (*Pari-  
limyia*) *haddonii* Melvill & Standon)  
*maoria* (Dell, 1963) (P1. 431; Mo2. 167) A.\*  
*neozelanica* (Suter, 1914) (Bu17. 346) A.C.F.\*

#### PERIPLOMATIDAE 559

*Periploma* Schumacher, 1817 (*P. inaequivallis* Schu-  
macher)  
(*Offadesma*) Iredale, 1930 (*Periploma angasi* Crosse &  
Fischer)  
*angasi* Crosse & Fischer, 1864 (P1. 433; Mo1. 41)  
A.C.F.M.

#### THRACIIDAE

*Parvothracia* Finlay, 1926 (*Montacuta triquetra* Suter, not  
Verrill & Bush)  
*cuneata* Powell, 1937 (P1. 434) A.An.\*  
*suteri* Finlay, 1927 (P1. 434) A.C.F.An.\*  
*Thracia* de Blainville (ex Leach), 1824 (*Mya pubescens*  
Pulteney)  
*reinga* Crozier, 1966 (P1. 433) A.\*  
*vgrandis* Marshall & Murdoch, 1919 (P1. 433) A.C.

#### MYOCHAMIDAE

*Hunkydora* Fleming, 1948 (*Thracia transenna* Suter)  
*australiana novozelandica* (Reeve, 1859) (P1. 433)  
A.C.F.M.\*  
*Myadora* Gray, 1840 (*Pandora brevis* Sowerby)  
*antipodum* E.A. Smith, 1880 (P1. 432) A.C.F.M.\*  
*biconvexa* Powell, 1927 (P1. 432) F.\*  
*boltomi* E.A. Smith, 1880 (P1. 432) A.C.  
*novaezelandiae* E.A. Smith, 1880 (P1. 432) A.C.F.M.  
An.\*  
*striata* (Quoy & Gaimard, 1835) (P1. 432) A.C.F.

*subrostrata* E.A. Smith, 1880 (P1. 433) A.C.F.M.\*  
*Myochama* Stutchbury, 1830 (*M. anomioides* Stutchbury)  
*tasmanica* (Tenison Woods, 1877) (P1. 432) A.\*

#### CLEIDOTHAERIDAE

419

*Cleidothaerus* Stutchbury, 1830 (*C. chamoides* Stutchbury)  
*albidus* (Lamarck, 1819) (P1. 431) A.C.M.

#### VERTICORDIIDAE

*Euicroa* Dall, 1881 (*Verticordia elegantissima* Dall)  
*galathea* (Dell, 1956) (P1. 435) A.C.M.\*  
*Halicardia* Dall, 1895 (*Mytilimeria flexuosa* Verrill & E.A.  
Smith)  
*maoria* Dell, 1978 (D12. 162) C.An.\*  
*Haliris* Dall, 1886 (*Verticordia fischeriana* Dall)  
(*Setaliris*) Iredale, 1930 (*Verticordia setosa* Hedley)  
*setosa* (Hedley, 1907) (P1. 435) A.C.M.\*  
*Spinospella* Iredale, 1930 (*Verticordia ericia* Hedley)  
*ericia* (Hedley, 1911) (P1. 435) A.\*

### Order Poromyoidea

#### POROMYIDAE

*Cetoconcha* Dall, 1886 (*Lyonsia bulla* Dall)  
*galathea* Knudsen, 1970 (Kd1. 120) F.\*  
*Poromya* Forbes, 1844 (*P. anatinoides* Forbes)  
*laevis* E. A. Smith, 1885 (P1. 435) A.\*  
*neozelanica* (Dell, 1956) (P1. 435) F.\*

#### CUSPIDARIIDAE

*Austroneaera* Powell, 1937 (*A. brevisrostris* Powell)  
*brevisrostris* Powell, 1937 (P1. 438) A.\*  
*finlayi* Powell, 1937 (P1. 438) A.\*  
*Cardiomya* A. Adams, 1864 (*Neaera gouldiana* Hinds)  
*bruuni* Dell, 1956 (P1. 437) C.\*  
*rectimarginata* Dell, 1962 (P1. 437) F.\*  
*Cuspidaria* Nardo, 1840 (*C. typus* Nardo)  
*aupouria* Dell, 1950 (P1. 436) A.\*  
*delli* Knudsen, 1970 (Kd1. 141) F.\*  
*fairchildi* Suter, 1908 (P1. 436) A.C.F.M.\*  
*morelandi* Dell, 1956 (P1. 436) F.M.\*  
*moria* Dell, 1956 (P1. 437) M.\*  
*tasmanica* Knudsen, 1970 (Kd1. 152) F.\*  
*trailli* (Hutton, 1873) (P1. 437) A.C.F.An.\*  
*tuhua* Dell, 1962 (P1. 437) A.\*  
*willetti* Fleming, 1948 (P1. 437) A.C.F.M.\*  
(*Pseudoneaera*) Sturany, 1902 (*P. thaumasia* Sturany)  
*wellmani* (Fleming, 1948) (P1. 437) A.C.F.\*

### Class CEPHALOPODA

#### Subclass Coleoidea

#### Order Sepiida

#### SPIRULIDAE

*Spirula* Lamarck, 1801 (*Nautilus spirula* Linné)<sub>4</sub>  
*spirula* (Linné, 1758) (P1. 439) A.C.F.M.

SEPIADARIIDAE  
*Sepioloidea* d'Orbigny, 1840 (*Sepiola lineolata* Quoy & Gaimard)  
*pacifica* (Kirk, 1882) (P1. 440) A.C.F.M.\*

#### Order Sepioida

SEPIOLIDAE: HETEROTEUTHIDAE  
*Iridoteuthis* Naef, 1912 (*Stoloteuthis iris* Berry)  
*maoria* Dell, 1959 (P1. 440) A.C.\*

#### Order Teuthida

LOLIGINIDAE: SEPIOTEUTHINAE 49, 459, 491  
*Sepioteuthis* de Blainville, 1824 (*S. sepiacea* de Blainville)  
*australis* Quoy & Gaimard, 1832 (= *bilineata* Quoy & Gaimard) (P1. 440; Lu1. 190; Ro1. 109) A.C.  
*lessomiana* Lesson, 1830 (Ro1. 109) A.C.

LYCOTEUTHIDAE: LYCOTEUTHINAE 277, 738  
*Lycoteuthis* Pfeffer, 1908 (*Enoplateuthis diadema* Chun)  
(= *Oregoniateuthis* Voss)  
*diadema* (Chun, 1900) (Fo1. 257) C.F.\*  
*lorigera* (Steenstrup, 1875) (= *longimanus* Imber not Steenstrup) (Im1. 486; To1. 368; Fo1. 252) A.C.F.

LYCOTEUTHIDAE: LAMPADIOTEUTHIDAE  
*Lampadioteuthis* Berry, 1916 (*L. megaleia* Berry)  
cf. *megaleia* Berry, 1916 (Im1. 488) A.

ENOPLOTEUTHIDAE 647  
*Abraliopsis* Joubin, 1896 (*A. pfefferi* Joubin)  
*gilchristi* (Robson, 1924) (= *Enoplateuthis neozelanica* Dell) (P1. 440; R11. 42) A.C.\*  
*tui* Riddell, 1985 (R11. 37) A.C.\*  
*Enoplateuthis* d'Orbigny, 1839 (*Loligo leptura* Leach)  
*galaxias* Berry, 1918 (= *Lycoteuthis diadema* Imber not Chun) (Im1. 487; R11. 22) A.C.\*

ANCISTROCHEIRIDAE  
*Ancistrocheirus* Gray, 1849 (*Enoplateuthis lesueurii* d'Orbigny)  
sp. (R11. 8) A.C.\*

PYROTEUTHIDAE  
*Pterygioteuthis* Fischer, 1896 (*P. giardi* Fischer)  
*gemma* Chun, 1908 (R11. 17) A.C.\*  
*giardi* Fischer, 1896 (P1. 441; R11. 15; Ro1. 122) A.\*  
*Pyroteuthis* Hoyle, 1904 (*Enoplateuthis margaritifera* Rüppell)  
*margaritifera* (Rüppell, 1844) (R11. 15) A.C.\*

OCTOPOTEUTHIDAE  
*Octopoteuthis* Rüppell, 1844 (*Octopus sicula* Rüppell)  
*rugosa* Clarke, 1980 (Ck2. 27) A.\*  
sp. (Ck2. 27) A.\*  
*Taningia* Joubin, 1931 (*T. danae* Joubin)  
*danae* Joubin, 1931 (Ck2. 28; Im3. 247) A.An.

ONYCHOTEUTHIDAE 450  
*Koudakovia* Filippova, 1972 (*K. longimana* Filippova)  
*longimana* Filippova, 1972 (Ck2. 28; Sw1. 136) C.F. An.\*  
*Moroteuthis* Verrill, 1881 (*Onychoteuthis robusta* Verrill)  
*ingens* (E. A. Smith, 1881) (P1. 441; Ck1. 121; Ro1. 130) C.F.M.An.  
*knipovitchii* Filippova, 1972 (Im3. 246) An.  
*robsoni* Adam, 1962 (Ns2. 193) A.C.F.M.An.  
*Onychoteuthis* Lichtenstein, 1818 (*Loligo banksii* Leach)  
*banksii* (Leach, 1817) (P1. 441; Ro1. 128) A.C.F.M.An.

CYCLOTEUTHIDAE  
*Cycloteuthis* Joubin, 1919 (*C. sirventi* Joubin)  
*akimushkini* Filippova, 1968 (Ck2. 35; Im3. 246) A.An.  
*Discoteuthis* Young & Roper, 1969 (*D. discus* Young & Roper)  
sp. (Ck2. 35) A.\*

GONATIDAE  
*Gonatus* Gray, 1849 (*Onychoteuthis fabricii* Lichtenstein)  
*antarcticus* Lönnberg, 1898 (= *fabricii* Dell not Lichtenstein) (P1. 441; Im2. 479) A.C.F.M.An.\*  
cf. *berryi* Naef, 1923 (Im2. 480; Ns2. 200) A.\*

PSYCHROTEUTHIDAE  
*Psychroteuthis* Thiele, 1920 (*P. glacialis* Thiele)  
*glacialis* Thiele, 1920 (Im3. 250) An.

LEPIDOTEUTHIDAE  
*Lepidoteuthis* Joubin, 1895 (*L. grimaldii* Joubin)  
*grimaldii* Joubin, 1895 (Ck2. 28) A.\*

PHOLIDOTEUTHIDAE  
*Pholidoteuthis* Adam, 1950 (*P. boschmai* Adam)  
*boschmai* Adam, 1950 (Ck2. 34) A.\*

ARCHITEUTHIDAE 37, 45, 274, 275  
*Architeuthis* Steenstrup, 1857 (*A. dux* Steenstrup)  
*dux* Steenstrup, 1857 (= *kirkii* Robson = *longimanus* Kirk = *stockii* Kirk = *verrilli* Kirk) (P1. 442-443; Ns2. 218; Ad1. 474) C.\*

HISTIOTEUTHIDAE  
*Histioteuthis* d'Orbigny, 1841 (*Crauchia bonnellii* Férussac)  
*atlantica* (Hoyle, 1885) (= *cookiana* Dell) (P1. 441; Vs1. 823) A.C.F.M.An.\*  
*bonnellii corpuscula* Clarke, 1980 (Ck2. 29; Im3. 252) A.C.An.  
cf. *celetaria pacifica* (G. Voss, 1962) (Im3. 252; Ns2. 217) An.  
cf. *corona cerasina* Nesis, 1971 (Ns2. 218) C.F.An.\*  
*hoylei* (Goodrich, 1896) (= *dofleini* Pfeffer) (Ck2. 31; Im3. 252; Sw1. 77) A.An.  
*eltaninae* N. Voss, 1969 (Vs1. 755; Im3. 252) M.An.  
*macrohista* N. Voss, 1969 (Vs1. 845; Im3. 252) C.F.M.An.  
*meleagroteuthis* (Chun, 1910) (Vs1. 804; Im3. 252) A.An.

*miranda* (Berry, 1918) (Vs1. 797; Ns2. 216; Im3. 252) A.An.  
 sp. Kubodera in Amaoka *et al.*, 1990 (Kul. 339) C.

NEOTEUTHIDAE  
*Alluroteuthis* Odhner, 1923 (*A. antarcticus* Odhner) *antarcticus* Odhner, 1923 (Im3. 252) An.

BATOTEUTHIDAE  
*Batoteuthis* Young & Roper, 1968 (*B. skolops* Young & Roper) *skolops* Young & Roper, 1968 (Im3: 252) An.

OMMASTREPHIDAE: OMMASTREPHINAE 22, 253  
*Hyaloteuthis* Gray, 1849 (*Sepia pelagica* Bosc) *pelagica* (Bosc, 1802) (Ns1. 53) A.  
*Ommastrephes* d'Orbigny, 1835 (*Loligo bartramii* Lesueur) *bartramii* (Lesueur, 1821) (Du1. 344) A.C.F.  
*Sthenoteuthis* Verrill, 1880 (*Ommastrephes pteropus* Steenstrup) *oualaniensis* (Lesson, 1830) (Ro1. 180; Sw1. 88) A.

OMMASTREPHIDAE: TODARODINAE 49, 154, 253, 276, 430, 492, 692, 699, 702  
*Martialia* Rochebrune & Mabile, 1889 (*M. hyadesi* Rochebrune & Mabile) *hyadesi* Rochebrune & Mabile, 1889 (Ns2. 227) C.F.M.An.  
*Nototodarus* Pfeffer, 1912 (*Ommastrephes insignis* Gould) *gouldi* (McCoy, 1888) (St1. 251; St2. 323) A.C.  
*sloanii* (Gray, 1849) (P1. 441; St2. 321) C.F.M.An.  
*Todarodes* Steenstrup, 1880 (*Loligo sagittatus* Lamarck) *filippovae* Adam, 1975 (= *angolensis* Nesis not Adam) (Du1. 350; Ns2. 235; Fo1. 257) A.C.F.M.An.  
 cf. *sagittatus* (Lamarck, 1799) (Uz1. 341) F.An.

CHIROTEUTHIDAE  
*Chiroteuthis* d'Orbigny, 1839 (*Loligopsis veranyi* Férussac) *capensis* G. Voss, 1967 (Im3. 253) An.  
 cf. *joubini* G. Voss, 1967 (Ck2. 34) A.\*  
 sp. (Ck2. 34) A.\*

MASTIGOTEUTHIDAE  
*Mastigoteuthis* Verrill, 1881 (*M. agassizii* Verrill) *dentata* Hoyle, 1904 (Ns2. 252) A.C.\*  
*flammea* Chun, 1908 (P1. 443) C.\*  
*psychrophila* Nesis, 1977 (Im3. 253) An.

GRIMALDITEUTHIDAE  
*Grimalditeuthis* Joubin, 1898 (*G. bonplandii* Joubin) *bonplandii* Joubin, 1898 (Im3. 253) A.An.

CRANCHIIDAE: CRANCHIINAE  
*Cranchia* Leach, 1817 (*C. scabra* Leach) *scabra* Leach, 1817 (Im2. 448; Im3. 253) A.An.  
*Leachia* Lesueur, 1821 (*L. cyclura* Lesueur) *rynchophorus* (Rochebrune, 1884) (= *cyclura* Imber not Lesueur = *Pyrgopsis pacificus* Massy not Issel)

(P1. 443; Im2. 449; Ns2. 271) A.C.\*  
 aff. *eschscholtzii* (Rathke, 1835) (Im2. 452; Vs2. 408; Ns2. 270) A.\*

CRANCHIIDAE: TAONIINAE 761  
*Bathothauma* Chun, 1906 (*B. lyromma* Chun) *lyromma* Chun, 1906 (Im2. 468) An.\*  
*Belonella* Lane, 1957 (*Toxeuma belone* Chun) sp. (= *belone* Imber not Chun = *cymoctypus* Imber not de Rochebrune) (Im2. 455, 458; Vs2. 408; Ns2. 274) A.C.F.M.An.\*  
*Galiteuthis* Joubin, 1898 (*G. armata* Joubin) *glacialis* (Chun, 1906) (= *Teuthowenia antarctica* Chun) (P1. 443; Im2. 473; Ns2. 275) A.C.F.M.An.\*  
*pacifica* (Robson, 1948) (= *armata* Imber not Joubin) (Im2. 461; Vs2. 408; Ns2. 275) A.\*  
*suhmi* (Hoyle, 1885) (= *glacialis* Imber not Chun) (P1. 443; Im2. 463; Vs2. 408; Ns2. 274) A.F.An.\*  
*Liguriella* Issel, 1908 (*L. podophtalma* Issel) *podophtalma* Issel, 1908 (= *Fuscohranchia pellucida* Imber not Chun) (Im2. 474; Ns2. 274) A.C.F.M.An.\*  
*Megalocranchia* Pfeffer, 1884 (*M. maxima* Pfeffer) *maxima* Pfeffer, 1884 (Im2. 459) A.M.An.\*  
*Mesonychoteuthis* Robson, 1925 (*M. hamiltoni* Robson) *hamiltoni* Robson, 1925 (Im2. 476; Ck2. 28; Ro1. 189) A.An.\*  
*Sandalops* Chun, 1906 (*S. melancholicus* Chun) *melancholicus* Chun, 1906 (Im2. 467) A.\*  
*Taonius* Steenstrup, 1861 (*Loligo pavo* Lesueur) cf. *pavo* (Lesueur, 1821) (Im2. 453; Im3. 255) A.C.F.M.An.\*  
*Teuthowenia* Chun, 1910 (*Cranchia megalops* Prosch) *pellucida* (Chun, 1910) (= *impennis* Robson = *Megalocranchia pardus* Berry = *M. richardsoni* Dell) (P1. 443; Im2. 471; Vs3. 41) A.C.F.M.An.\*

## Order Vampyromorpha

VAMPYROTEUTHIDAE  
*Vampyroteuthis* Chun, 1903 (*V. infernalis* Chun) *infernalis* Chun, 1903 (P1. 443; Im3. 255) A.C.An.

## Order Octopoda

BOLITAENIDAE  
*Eledonella* Verrill, 1884 (*E. pygmaea* Verrill) *pygmaea* Verrill, 1884 (P1. 444) C.  
*Japetella* Hoyle, 1885 (*J. prismatica* Hoyle) *diaphana* Hoyle, 1885 (P1. 443) A.

VITRELEDONELLIDAE  
*Vitreledonella* Joubin, 1918 (*V. richardi* Joubin) *richardi* Joubin, 1918 (P1. 444) A.

OCTOPODIDAE: OCTOPODINAE 49, 716, 717, 724, 739, 758  
*Octopus* Cuvier, 1797 (*O. vulgaris* Cuvier) (= *Polypus*

Schneider = *Pinnoctopus* d'Orbigny = *Robsonella*  
Adam)

*adamisi* Benham, 1944 (P1. 444) F.

*campbelli* (E.A. Smith, 1902) (= *australis* of authors  
not Hoyle, in part) (P1. 444; Tt1. 20; Sk2. 361)  
F.An.\*

*cordiformis* Quoy & Gaimard, 1832 (P1. 444) C.

*dofleini* (Wülker, 1910) (Im3. 256) An.

*huttoni* (Benham, 1943) (P1. 444) F.An.

*maorum* Hutton, 1880 (= *zealandicus* Benham)  
(Pl. 444; Ba1. 637) A.C.F.M.An.

*warringa* Stranks, 1990 (= *australis* of authors not  
Hoyle, in part = *campbelli* Toll not E.A. Smith)  
(Sk1. 457; To2. 116; Sk2. 371) A.C.F.

sp. *Kubodera* in Amaoka *et al.*, 1990 (Kul. 350) An.\*

#### OCTOPODIDAE: ELEDONINAE

*Pareledone* Robson, 1932 (*Eledone charcoti* Joubin)

aff. *polymorpha* (Robson, 1930) (Kul. 351) An.\*

#### TREMOCTOPODIDAE

*Tremoctopus* Delle Chiaje, 1830 (*T. violaceus* Delle Chiaje)

*violaceus gracilis* (Eydoux & Souleyet, 1852) (P1. 445;  
Tm1. 369) A.C.

#### OCYTHOIDAE

*Ocythoe* Rafinesque, 1814 (*O. tuberculata* Rafinesque)

*tuberculata* Rafinesque, 1814 (Im3. 255) An.

#### ARGONAUTIDAE

*Argonauta* Linné, 1758 (*A. argo* Linné)

*argo* Linné, 1758 (P1. 444) A.C.

*nodosa* Solander, 1786 (P1. 445) A.C.F.M.An.

#### ALLOPOSIDAE

*Alloposus* Verrill, 1880 (*A. mollis* Verrill)

*mollis* Verrill, 1880 (Ck2. 35; Sw1. 227; Im3. 255)  
A.An.

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Two species of arrow squid live in New Zealand waters: *Nototodarus gouldi* occurs from Cook Strait to the North Taranaki Bight, and *N. sloanii* occurs from Pegasus Bay to the Auckland Islands shelf.
700. SMITH, P.J.; Mc VEAGH, M. 1991: Widespread organotin pollution in New Zealand coastal waters as indicated by imposex in dogwhelks. *Marine Pollution Bulletin* 22 : 409-413.  
Smith and McVeagh consider that *Lepsiella scobina* (Quoy & Gaimard) and *L. albomarginata* (Deshayes) are different species. Conchological and (unspecified) electrophoretic data are advanced to substantiate this separation.
701. SMITH, P.J.; OZAKI, H.; FUJIO, Y. 1986: No evidence for reduced genetic variation in the accidentally introduced oyster *Crassostrea gigas* in New Zealand. *N.Z. Journal of Marine and Freshwater Research* 20 : 569-574.
702. SMITH, P.J.; ROBERTS, P.E.; HURST, R.J. 1981: Evidence for two species of arrow squid in the New Zealand fishery. *N.Z. Journal of Marine and Freshwater Research* 15 : 247-253.
703. SOLEM, A.; CLIMO, F.M.; ROSCOE, D.J. 1981: Sympatric species diversity of New Zealand land snails. *N.Z. Journal of Zoology* 8 : 453-485.
704. SOLEM, A.; CLIMO, F.M. 1985: Structure and habitat correlation of sympatric New Zealand land snail species. *Malacologia* 26 : 1-30.
705. SPEDEN, I.G.; KEYES, I.W. (Comps) 1981: Illustrations of New Zealand fossils. *N.Z. DSIR Information Series, No. 150* : 109 p.  
This book is a guide to the identification of the common fossils of the major time intervals currently recognised in the marine sedimentary rocks of New Zealand.
706. SPOEL, S. VAN DER 1987: *Diacavolinia* nov. gen. separated from *Cavolinia* (Pteropoda, Gastropoda). *Bulletin Zoologisch Museum Universiteit van Amsterdam* 11 : 77-79.

707. STAROBOGATOV, Y.I. 1986: On the taxonomy of the gastropod molluscan genus *Latia* (Gastropoda Pulmonata Latiidae). *Trudy Zoologicheskogo Instituta Akademii Nauk SSSR* 148 : 93-96.
708. STANISIC, J. 1990: Systematics and biogeography of eastern Australian Charopidae (Mollusca, Pulmonata) from subtropical rain forests. *Memoirs of the Queensland Museum* 30 : 241 p.  
 Although no charopid genera are common to eastern Australia and New Zealand, Stanisic notes (pp 223-226) similarities in shell morphology, anatomy and radula between the two faunas.
709. STEINER, G. 1991: Observations on the anatomy of the scaphopod mantle and the description of a new family, the Fustiariidae. *American Malacological Bulletin* 9 : 1-20.  
 The orders and families of scaphopods are diagnosed according to characters of the mantle edge. Amongst other scaphopods, 12 species (6 dentaliids, 1 entalinid, 2 pulsellids and 3 gadiliids) from the collection of the National Museum of New Zealand Te Papa Tongarewa were studied.
710. STEVENS, G.R. 1985: A revision of the Lytoceratinae (subclass Ammonoidea) including *Lytoceras taha-raoense* n. sp., Upper Jurassic, New Zealand. *N.Z. Journal of Geology and Geophysics* 28 : 153-185.
711. STEVENS, K.F.; VELLA, P. 1981: Palaeoclimatic interpretation of stable isotope ratios in molluscan fossils from the Middle Pleistocene marine strata, Wanganui, New Zealand. *Palaeogeology, Palaeoclimatology, Palaeoecology* 34 : 257-265.  
 Stevens and Vella suggest that the considerable intraspecific variation in oxygen and carbon isotopes they observed was due to different life habitats (i.e., infaunal versus epifaunal). *Chlamys gemmulata* (Reeve) proved the most reliable species for providing information about changes of temperature and isotopic composition of sea water during the Middle Pleistocene period.
712. STEVENS, P.M. 1987: Response of excised gill tissue from the New Zealand scallop *Pecten novaezelandiae* to suspended silt. *N.Z. Journal of Marine and Freshwater Research* 21 : 605-614.
713. STEVENS, P.M. 1988: Scallops: in a silty situation? *Catch* 15 June '88 : 20, 22-23.
714. STEWART, C.; MORA, S.J. DE; JONES, M.R.L.; MILLER, M.C. 1992: Imposex in New Zealand neogastropods. *Marine Pollution Bulletin* 24 : 204-209.  
 Imposex (i.e., penial formation by females leading to occlusion of the genital pore and sterility) is recorded in the following gastropods from the Hauraki Gulf: *Lepsiella scobina* (Quoy & Gaimard); *Dicathais orbita* (Gmelin); *Haustrum haustorium* (Gmelin); *Xymene ambiguus* (Philippi); *Taron dubius* Hutton; *Cominella virgata* H. & A. Adams; *Amalda australis* (Sowerby). Populations of *Lepsiella scobina* in the Waitemata Harbour display high levels of imposex and appear to be in decline.
715. STRACK, H.L. 1987: The Polyplacophora of Gran Canaria, including a world-wide survey of brooding species. *Iberus* 7(2) : 179-187.
716. STRANKS, T.N. 1990: Three new species of *Octopus* (Mollusca: Cephalopoda) from south-eastern Australia. *Memoirs of the Museum of Victoria* 50 : 457-465.  
 One of Stranks' new species, *Octopus warringa*, is recorded from New Zealand's North Island, South Island and Stewart Island. This same species had been previously misidentified and recorded under the name *Robsonella australis* (Hoyle).
717. STRANKS, T.N.; NORMAN, M.D. 1992: Review of the *Octopus australis* complex from Australia and New Zealand, with description of a new species (Mollusca: Cephalopoda). *Memoirs of the Museum of Victoria* 53 : 345-373.  
 Contrary to Toll's (1991) interpretation, *Octopus australis* Hoyle is shown to consist of three separate species in eastern Australia. *O. campbelli* (E.A. Smith) from New Zealand is redescribed based on the holotype and one other specimen.
718. STIRLING, P.; LITTLE, C.; PILKINGTON, J.B. 1984: Techniques for narcotizing and fixing veliger larvae of *Amphibola crenata*. *Veliger* 26 : 229-232.
719. STREET, R.; MICHAEL, K. 1985: Development of a fishery for southern Queen scallops. *Catch '85 November* : 14-15.
720. STREET, R.; O'HALLORANE, S. 1985: Foveaux Strait oyster beds - effects of bottom trawling studied. *Catch '85 April* : 16-17.
721. STRUIK, G.J. 1983: Commercial fishing in New Zealand: an industry bent on extinction. *The Ecologist* 13 : 213-221.
722. SWEENEY, M.J.; ROPER, C.F.E.; MANGOLD, K.M.; CLARKE, M.R.; BOLETZY, S.V. (eds) 1992: "Larval" and Juvenile Cephalopods: A Manual for their Identification. *Smithsonian Contributions to Zoology* 5513 : 282 p.
723. SYSOEV, A.V.; KANTOR, Y.I. 1989: Anatomy of molluscs of genus *Splendrillia* with descriptions of two new bathyal species of the genus from New Zealand. *N.Z. Journal of Zoology* 16 : 205-214.
724. TAIT, R.W. 1982: A taxonomic revision of *Octopus australis* Hoyle, 1885 (Octopodidae: Cephalopoda), with a redescription of the species. *Memoirs of the National Museum of Victoria* 43 : 15-24.
725. TAVIANI, M.; SABELLI, B. 1983: *Iphitus* (Mollusca, Gastropoda) a deep-water genus new to the Mediterranean Sea. Pp 129-131 in Anfossi, G.; Brambilla, G.; Violani, C. (eds) *Atti del V. Convegno della Società Malacologica Italiana*, Salice Terme (Pavia) 9-11 Maggio 1981. Università degli Studi di Pavia, Pavia.  
 The authors point out that *Iphitus* Rafinesque,

745. TONG, L.J.; DUTTON, S. 1981a: Growth of post-larval paua. *Catch '81 June* : 18-19.
746. TONG, L.J.; DUTTON, S. 1981b: Induced paua spawnings. *Shellfisheries Newsletter* 9 : 12-13.
747. TONG, L.J.; MOSS, G.A. 1992: The New Zealand culture system for abalone. Ch. 45, Pp 583-591 in Shepherd, S.A.; Tegner, M.J.; Guzmán del Prío, S.A. (eds) *Abalone of the world: Biology, fisheries and culture. Proceedings of the First International Symposium on Abalone*. Fishing News Books, Oxford. 608 p.
748. TONG, L.J.; MOSS, G.A.; ILLINGWORTH, J. 1987: Enhancement of a natural population of the abalone, *Haliotis iris*, using cultured larvae. *Aquaculture* 61 : 67-72.
749. TONG, L.J.; MOSS, G.A.; REDFERN, P.; ILLINGWORTH, J. 1992: A manual of techniques for culturing paua, *Haliotis iris*, through to early juvenile stage. *Fisheries Research Division N.Z., Technical Report* 31 : 31 p.
750. TRIGGS, S.J.; SHERLEY, G.H. 1993: Allozyme genetic diversity in *Placostylus* land snails and implications for conservation. *N.Z. Journal of Zoology* 20 : 19-33.  
The existence of three species of *Placostylus* in New Zealand was confirmed by electrophoresis and their interrelations were investigated. *P. ambagiosus* and *P. bollousi* were found to possess a low level of polymorphism and heterozygosity when compared to other terrestrial pulmonates.
751. TROWBRIDGE, C.D. 1992: Mesoherbivory: the ascoglossan sea slug *Placida dendritica* may contribute to the restricted distribution of its algal host. *Marine Ecology Progress Series* 83 : 207-220.
752. TUCKER, J.K. 1981: News of new species. *Hawaiian Shell News* 29(3) : 8.  
The author summarises Cernohorsky's (1980) description of *Boreotrophon shirleyi*.
753. TURNBULL, I.M.; LINDQVIST, J.K.; MILDENHALL, D.C.; HORNIBROOK, N.D.F. B.; BEU, A.G. 1985: Stratigraphy and paleontology of Pliocene-Pleistocene sediments on Five Fingers Peninsula, Dusky Sound, Fiordland. *N.Z. Journal of Geology and Geophysics* 28 : 217-231.
754. TURSCH, B. 1988: Studies on Olividae. VIII. Protoconch measurements as supraspecific characters in the family Olividae. *Veliger* 31 : 244-251.  
*Arnalda australis* (Sowerby), *A. depressa* (Sowerby) and *A. novaezealandiae* (Sowerby) are included in the comparison of protoconch sizes.
755. UBALDI, R. 1986: Le *Haliotis* della Nuova Zelanda (9). *Argonauta (Published by Associazione Malacologica Internazionale, Roma)* 2(1/2) : 115-133.
756. VAUGHT, K.C. 1989: *A Classification of the living Mollusca*. American Malacologists Inc., Melbourne, Florida. 195 p.
757. VERDCOURT, B. 1991: Some notes on east African endodontid snails - Part 1. *The Conchologists Newsletter* 116 : 352-359.  
On p. 353 of this work, Verdcourt reiterates the conclusions of Gittenberger et al. (1980), Climo (1981) and Roth (1987), that *Toltecia pusilla* (Lowe) is a junior synonym of *Paralaoma caputspinulae* (Reeve).
758. VOIGHT, J.R. 1993: The arrangement of suckers on octopodid arms as a continuous character. *Malacologia* 35 : 351-359.  
Variation in the number of suckers within octopodid groups defined by the number of sucker rows is greater than that between groups, suggesting that the number of sucker rows is a continuous (rather than purely dichotomous) character. Voight rejects all previous and existing subfamilial classifications of the Octopodidae as paraphyletic.
759. VOLLER, R. 1983: Toheroa news not good. *Catch '83 May* : 28.
760. VOSKUIL, R.P.A.; ONVERWAGT, W.J.H. 1991: Studies on Cardiidae. 3. The Recent species of *Maoricardium* Marwick, 1914 (Mollusca, Bivalvia), with description of a new species. *Basteria* 55(1-3) : 25-33.  
The authors treat *Maoricardium* Marwick as a full genus containing four (unspecified) fossil New Zealand and the following five Recent Indo-Pacific species: *M. fraseri* (Garrard); *M. mansitii* (Otuka); *M. pseudolatium* Voskuil & Onvergwagt; *M. pseudolimna* (Lamarck); *M. setosum* (Redfield).
761. VOSS, N.A. 1985: Systematics, biology and biogeography of the cranchiid cephalopod genus *Teuthoewenia* (Oegopsida). *Bulletin of Marine Science* 36 : 1-85.
762. WAITE, R.P. 1984: Farmed mussels feeding study. *Catch '84 June* : 16-17.
763. WALDOCK, M. 1984: Paint may cause poor condition. *Catch '84 June* : 20.
764. WALKER, J.C. 1988: Classification of Australian buliniform planorbids (Mollusca: Pulmonata). *Records of the Australian Museum* 40 : 61-89.  
Walker mentions some genera occurring in New Zealand.
765. WALKER, K.J. 1982a: A survey of the distribution and density of *Powelliphanta annectens* in Northwest Nelson. *N.Z. Wildlife Service Fauna Survey Unit Report* 31 : 23 p.
766. WALKER, K.J. 1982b: Distribution and status of *Powelliphanta* land snails in the Mokihinui State Forest, and recommendations for conservation reserves. *N.Z. Wildlife Service Fauna Survey Unit Report* 34 : 7 p.



767. WALLACE, C. 1985: On the distribution of the sexes of *Potamopyrgus Jenkinsi* (Smith). *Journal of Molluscan Studies* 51 : 290-296.
768. WALLACE, C. 1992: Parthenogenesis, sex and chromosomes in *Potamopyrgus*. *Journal of Molluscan Studies* 58 : 93-107.
769. WALLACE, R. 1982: Land snails from archaeological sites in Palliser Bay. *Bulletin of the National Museum of New Zealand* 21: 225-228.
770. WALLER, T.R. 1986: A new genus and species of scallop (Bivalvia: Pectinidae) from off Somalia, and the definition of a new tribe Decatopectinini. *Nautilus* 100 : 39-46.  
*Mesopeplum lredale* is discussed in relation to the new genus, *Somalipecten*. Waller places the two genera in different (unnamed) tribes.
771. WALLER, T.R. 1991: Evolutionary relationships among commercial scallops (Mollusca: Bivalvia: Pectinidae). Pp 1-73 in Schumway, S.E. (ed.) *Scallops: Biology, Ecology and Aquaculture. [Developments in Aquaculture and Fisheries Science 21.]* Elsevier, Amsterdam, 1095 p.  
Waller proposes a phylogeny for groups of scallops containing commercial species. Nodes (that is internal branchings representing taxonomic groups) are not named. *Zygochlamys lhering* is reinstated for a group containing *Z. delicatula* (Hutton), *Z. dichroa* (Suter) and *Z. taiaroa* (Powell) from New Zealand.
772. WALSBY, J.; MORTON, J.E. 1982: *Marine Molluscs Part 1 - Amphineura, Archacogastropoda and Pulmonata. (Cape Rodney to Okakari Point Marine Reserve, Faunal Series)*. University of Auckland, Leigh Marine Laboratory. 89 p.
773. WARÉN, A. 1981: Eulimid gastropods parasitic on echinoderms in the New Zealand region. *N.Z. Journal of Zoology* 8 : 313-324.
774. WARÉN, A. 1983: A generic revision of the family Eulimidae (Gastropoda, Prosobranchia). *Journal of Molluscan Studies, Supplement* 13 : 96 p.
775. WARÉN, A. 1989: New and little known Mollusca from Iceland. *Sarsia* 74 : 1-28.  
Warén confirms the status of *Rissopsetia* Dell in the Pyramidellidae.
776. WARÉN, A. 1991: New and little known "skeneimorph" gastropods from the Mediterranean Sea and the adjacent Atlantic Ocean. *Bollettino Malacologico* 27: 149-248.  
A new family, Xylodisculidae, is proposed for *Xylodiscula* Marshall.
777. WARÉN, A. 1992: Comments and descriptions of eulimid gastropods from tropical West America. *Veliger* 35 : 177-194.  
The author and date of the family name Eulimidae is corrected from H. and A. Adams, 1853 to Philippi, 1853, on the basis of priority.
778. WARÉN, A.; BOUCHET, P. 1990: Laubierinidae and Pisanianurinae (Ranellidae), two new deep-sea taxa of the Tonnoidea (Gastropoda: Prosobranchia). *Veliger* 33 : 56-102.  
The subfamily Oocorythinae is transferred from the Tonnoidea to the Cassidae. The genus *Kaiparaura* Laws is transferred from the Buccinidae to the Ranellidae (Pisanianurinae). *Thalassocyron tui* Dell is a junior synonym of *T. bonus* Barnard.
779. WARÉN, A.; BOUCHET, P. 1993: New records, species, genera, and a new family of gastropods from hydrothermal vents and hydrocarbon seeps. *Zoologica Scripta* 22 : 1-90.  
Warén and Bouchet erect a new family in the Heterobranchia, Hyalogyrinidae (sic), to accommodate *Hyalogyrina* Marshall and *Hyalogyra* Marshall.
780. WARÉN, A.; CROSSLAND, M.R. 1991: Revision of *Hypermastus* Pilsbry, 1899 and *Turveria* Berry, 1956 (Gastropoda: Prosobranchia: Eulimidae), two genera parasitic on sand dollars. *Records of the Australian Museum* 43 : 85-112.  
One species of *Hypermastus* Pilsbry, *H. bulbula* (Murdoch & Suter), occurs in New Zealand.
781. WARÉN, A.; GOFAS, S.; SCHANDER, C. 1993: Systematic position of three European heterobranch gastropods. *Veliger* 36 : 1-15.  
The genus *Hyalogyrina* Marshall is made the type of a new family Hyalogyrinidae (actually misspelt Hyalogryinidae on first introduction on p. 10, and also incorrectly attributed to Warén & Bouchet, 1992).
782. WATERHOUSE, J.B. 1982a: The Early Permian age of the Rai Sandstone, east Nelson, New Zealand. *N.Z. Journal of Geology and Geophysics* 25 : 359-362.
783. WATERHOUSE, J.B. 1982b: Permian Pectinacea and Limacea (Bivalvia) from New Zealand. *Paleontological Bulletin. N.Z. Geological Survey* 49 : 1-75.
784. WATERHOUSE, J.B. 1983a: Systematic description of Permian brachiopods, bivalves and gastropods below wall sandstone member, northern Bowen Basin. *Papers from the Department of Geology, University of Queensland (Natural Science)* 10 : 155-179.
785. See 788
786. WATERHOUSE, J.B. 1987a: Permian fossils in Malte Brun Range, Mount Cook National Park, New Zealand. *N.Z. Journal of Geology and Geophysics* 30 : 91-92.
787. WATERHOUSE, J.B. 1987b: Stratigraphy and age of the ammonoid *Durvilleoceras woodmuni* from the Greville Subgroup, New Zealand. *Geological Magazine* 124 : 527-542.
788. WATERHOUSE, J.B.; CAMPBELL, J.D.; WILLIAMS, J.G. 1983: Early Permian brachiopods and molluscs from Gondor Formation, Eglinton Valley, Southland. *N.Z. Journal of Geology and Geophysics* 26 : 301-307.

789. WEAR, R.G. 1984: Paddle crabs are probable predators. *Catch '84 June* : 11-13.
790. WEAR, R.G. 1988: Paddle crabs eat small shellfish. *Catch '88 March* : 12-13.  
Several species of bivalves serve as food for paddle crabs (*Ovalipes catharus*).
791. WEEBER, B. (Comp.) 1987: Squid biology. *Catch '87 March* : 22.
792. WELLS, F.E. 1990: Revision of Recent Australian Turridae referred to the genera *Splendrillia* and *Austro-drillia*. *Journal of the Malacological Society of Australia* 11 : 73-117.
793. WELLS, P.E. 1986: An estuarine fossil assemblage from the Mangaoranga Formation (Upper Miocene), Wairarapa, New Zealand. *Journal of the Royal Society of New Zealand* 16 : 307-317.
794. WELLS, P.E. 1987: The stratigraphy and structure of the Mount Bruce area, northern Wairarapa, North Island, New Zealand. *Journal of the Royal Society of New Zealand* 17: 101-113.
795. WELLS, S.M.; PYLE, R.M.; COLLINS, N.M. 1983: *The IUCN Invertebrate Red Data Book*. International Union for Conservation of Nature and Natural Resources. Gland, Switzerland. 632 p.  
Three taxa of New Zealand land snails are included in the Red Data Book: *Succinea archeyi* (Powell), *Placostylus hongii* (Lesson) and *Paryphanta/Powelliphanta* spp.
796. WESTERMANN, G.E.G.; HUDSON, N. 1991: The first find of Eurycephalitinae (Jurassic Ammonitina) in New Zealand and its biogeographical implications. *Journal of Palaeontology* 65 : 689-693.
797. WILCOCK, R.J.; SMITH, T.J.; PRIDMORE, R.D.; THRUSH, S.F.; CUMMINGS, V.J.; HEWITT, J.E. 1993: Bioaccumulation and elimination of chlordane by selected intertidal benthic fauna. *Environmental Toxicology and Chemistry* 12 : 733-742.  
Accumulation and elimination of chlordane compounds, a major class of environmental contaminant, were observed in adults of three intertidal molluscs in the Manukau Harbour. The deposit feeders *Amphibola crenata* and *Macomona liliana* attained chlordane levels up to three times that of the suspension feeder *Austrovenus stutchburyi* a short time after application.
798. WILLAN, R.C. 1981a: Soft-bottom assemblages of Paterson Inlet, Stewart Island. *N.Z. Journal of Zoology* 8 : 229-248.  
This paper includes taxonomic notes on *Alcithoe arabica* (Gmelin), *Chlamys gemmulata* (Reeve) and *C. zelandiae* (Gray in Dieffenbach).
799. WILLAN, R.C. 1981b: A new abyssal arminacean nudibranch from New Zealand. *N.Z. Journal of Zoology* 8 : 325-330.
800. WILLAN, R.C. 1981c: Rediscovery of *Runcinella zelandica* Odhner, 1924 (Opisthobranchia: Runci-nacea). *Records of the National Museum of New Zealand* 2(2) : 5-8.
801. WILLAN, R.C. 1981d: Bibliography of publications on New Zealand Mollusca (1973-1980). *Miscellaneous Publication N.Z. Oceanographic Institute* 94 : 50 p.
802. WILLAN, R.C. 1983: New Zealand side-gilled sea slugs (Opisthobranchia: Notaspidea: Pleurobranchidae). *Malacologia* 23 : 221-270.
803. WILLAN, R.C. 1984: A review of diets in the Notaspidea (Mollusca: Opisthobranchia). *Journal of the Malacological Society of Australia* 6 : 125-142.
804. WILLAN, R.C. 1985: Successful establishment of the Asian mussel *Musculista senhousia* (Benson in Cantor, 1842) in New Zealand. *Records of the Auckland Institute and Museum* 22 : 85-96.
805. WILLAN, R.C. 1987a: Phylogenetic systematics of the Notaspidea (Opisthobranchia) with reappraisal of families and genera. *American Malacological Bulletin* 5 : 215-241.
806. WILLAN, R.C. 1987b: The mussel *Musculista senhousia* in Australasia: another aggressive alien highlights the need for quarantine at ports. *Bulletin of Marine Science* 41 : 475-489.
807. WILLAN, R.C. 1988: Description of a new aeolid nudibranch (Mollusca: Opisthobranchia) belonging to the genus *Phidiana*. *N.Z. Journal of Zoology* 14 : 409-417.  
*Phidiana pegasus* is described as a new endemic species from the Three Kings Islands. Willan records *P. indica* Bergh from New Zealand for the first time.
808. WILLAN, R.C. 1989: First record of the nudibranch *Trapania brunnea* Rudman in New Zealand waters with comments on intraspecific variation in the species. *Veliger* 32 : 182-184.
809. WILLAN, R.C. 1992: Taxonomic re-evaluation and description of *Gari radiata* (Dunker in Philippi, 1845) (Bivalvia: Tellinoidea: Psammobiidae). *Veliger* 35: 226-233.  
On p. 231 is the statement that *Gari hodgei* Willan is a junior synonym of *G. convexa* (Reeve).
810. WILLAN, R.C. 1993: Taxonomic revision of the family Psammobiidae (Bivalvia: Tellinoidea) in the Australian and New Zealand region. *Records of the Australian Museum, Supplement* 18 : 132 p.  
*Gari convexa* (Reeve) is a senior synonym of *G. hodgei* Willan. *Soletellina siliquens* is introduced as a replacement name for *S. siliqua* of authors which is a synonym of *S. nitida* (Gray in Dieffenbach).
811. WILLAN, R.C.; BERTSCH, H. 1987: Description of a new pleurobranch (Opisthobranchia: Notaspidea) from Antarctic waters, with a review of notaspideans from southern polar seas. *Veliger* 29 : 292-302.

812. WILLAN, R.C.; COLEMAN, N. 1984: *Nudibranchs of Australasia*. Australasian Marine Photographic Index, Sydney. 56 p.
813. WILLAN, R.C.; MORTON, J.E. 1984: *Marine Molluscs. Part 2. Opisthobranchia*. University of Auckland, Leigh Marine Laboratory, Leigh, New Zealand. 106 p.
814. WILSON, B. 1993: *Australian Marine Shells Prosobranch Gastropods Part One*. Odyssey Publishing, Kallaroo, Western Australia. 408 p.  
This book covers the Australian marine gastropod fauna from Docoglossa through Eulimoidea. Although numerous species that also occur in New Zealand are mentioned, there are few taxonomic changes affecting the New Zealand faunal list. *Casmaria perryi* Iredale is accorded full species status. *Charonia lampas* (Linné) is used for both *C. capax* Finlay and *C. rubicunda* (Perry). *Cymatium exaratum* (Reeve) is placed in the subgenus *Monoplex* Perry. Wilson states that *Tonna cerevisina* Hedley may be merely a geographic form or subspecies of *T. variegata* (Lamarck). Wilson's concept of *Epitonium jukesianum* (Forbes) does not accord with that of New Zealand authors.
815. WINGHAM, E.J. 1985: Food and feeding range of the Australasian gannet *Morus serrator* (Gray). *Enu* 85 : 231-239.
816. WODZICKI, K. 1985: Forty years of a study of gannet (*Sula bassana serrator*) ecology in New Zealand (1945-1985). *Przegląd Zoologiczny* 29 : 347-354.  
Wodzicki records predation on squid by gannets.
817. WONG, G. 1993: Invasion of the toxic shellfish. *New Zealand Herald, Saturday, April 17, 1993 Section 2 (Weekend Magazine)* : 3  
This article provides a thorough description and chronology of the outbreak of dinoflagellate-produced toxins that affected New Zealand shellfish during 1993.
818. WOODBURN, L. 1990: Genetic variation in southern Australasian *Pecten*. Pp 226-240 in Dredge, M.C.L.; Zacharin, W.F.; Joll, L.M. (eds) *Proceedings of the Australian Scallop Workshop, Hobart, Tasmania*. Government Printer, Tasmania. 290 p.  
Using electrophoresis, Woodburn demonstrates that there is only one species of *Pecten* in Australia, *P. fumatus* Reeve, and that this is different from *P. novaezelandiae* Reeve.
819. WORTHY, T. 1981: Troglotic (sic) snails in New Zealand. *N.Z. Speleological Bulletin* 6(118) : 419-430.
820. WOTTON, M.A. 1982: Some unusual finds from shell sand around the Wellington district. *Cookia* 5(2) : 26.  
Wotton records the following three species from Wellington: *Macquariella aucklandica* Powell, *Zerotula cf. bicarinata* (Suter) and *Merelina cf. plaga* Finlay.
821. WYE, K.R. 1991: *The Encyclopedia of Shells with 1200 Examples in Full Colour*. Facts on File, New York, Oxford. 288 p.  
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