



**ANNOTATED CATALOGUE OF FOSSIL
AND EXTANT MOLLUSCAN TYPES IN
THE AUCKLAND WAR MEMORIAL MUSEUM**

Wilma M. Blom



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Wilma M. Blom

Auckland War Memorial Museum Tāmaki Paenga Hira



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This work is dedicated to Alan Beu (1942–2023) and Margaret Morley (1937–2016).
Both were inspiring and generous mentors.

Abstract

The Marine Department of Auckland War Memorial Museum Tāmaki Paenga Hira has 1693 molluscan primary types (holotypes, syntypes, lectotypes, neotypes) and a further 1698 molluscan secondary type lots (paratypes, paralectotypes, iconotypes) in its collections. Most of this material consists of marine and terrestrial species and subspecies from the Aotearoa New Zealand region (2983 lots, 1989 species and subspecies), but there are also many lots from other countries and regions including, in particular, Australia (208 lots, 124 species) and Cuba (58 lots, 56 species).

The type status for the following taxa is changed to lectotype in accordance with Art. 74 ICZN: *Nucula certisinus* Finlay, 1930, *Hochstetteria pinctada* Finlay, 1930, *Cuna kaawa* Laws, 1936, *Benthocardiella hamatadens* Powell, 1930, *Subonoba oliveri* Powell, 1955, *Clathurella hamiltoni* F.W. Hutton, 1885, *Endodonta (Charopa) transenna* Suter, 1904, *Endodonta (Charopa) vortex microrrhina* Suter, 1909, *Endodonta (Ptychodon) ureweraensis* Suter, 1899, *Helix microundulata* Suter, 1890, *Helix pseudoleiodon* Suter, 1890, *Helix wairarapa* Suter, 1890. The type status for *Haminea cingulata* P. Marshall, 1917 is changed from lectotype to neotype. Previously unpublished iconotypes are included for each of the following six taxa: *Doris? flabellifera* Cheeseman, 1881, *Doris luctuosa* Cheeseman, 1882, *Doris rubicunda* Cheeseman, 1881, *Chromodoris amoena* Cheeseman, 1886, *Chromodoris aureomarginata* Cheeseman, 1881 and *Doridopsis citrina* Cheeseman, 1881. The type status for *Scissurella apudornata* Laws, 1935 and *Sphaerostoma flemingi* Powell, 1937 are changed from holotype to iconotype.

A detailed account is provided for the provenance of the only known specimens, the holotype and paratype, of *Scutellastra tucopiana* Powell, 1925.

Keywords

New Zealand, Auckland Museum, name-bearing types, Mollusca, Polyplacophora, Bivalvia, Scaphopoda, Cephalopoda, Patellogastropoda, Neomphaliones, Vetigastropoda, Caenogastropoda, Heterobranchia.

INTRODUCTION

The first list of molluscan types held by Auckland Museum was compiled by A.W.B. Powell (1941a) followed by a supplement several years later (Powell 1949b). A catalogue of fossil and extant molluscan types was started in the 1990s by Glenys Stace and Nick de Carteret, under the supervision of Bruce Hayward, but never published. The present monograph is a much amended and expanded version of the 1990s draft catalogue. The earlier annotated types catalogues of the Bivalvia (Blom 2016), Polyplacophora and Scaphopoda (Blom 2017), Patellogastropoda and Vetigastropoda (Blom 2019) and Caenogastropoda (Cyclophoroidea, Cerithioidea and Littorinimorpha) (Blom 2020) have been revised and are included in this monograph.

At the time of writing (October 2023), the Marine Department molluscan types collection of Auckland War Memorial Museum Tāmaki Paenga Hira (abridged in the text as Auckland Museum or AM) holds 1693 lots of name-bearing types, in the form of holotypes (1583), syntypes (89), lectotypes (12) and neotypes (9). There are a further 1698 lots consisting of paratypes (1632), paralectotypes (56) and iconotypes (10). The collection comprises marine (1895) as well as non-marine (397) taxa, and fossil (904) as well as extant (1388) taxa.

Of the total 2292 species and subspecies represented the majority are from New Zealand (1990), including Rangitāhua/Kermadec Islands (7) and subantarctic islands (99), but there are also 124 from mainland Australia (New South Wales (4); Northern Territory (2); Queensland (10); South Australia (25); Tasmania (5); Victoria (69); Western Australia (1)) and its offshore territories and waters (Australian Antarctic Territory (3); Great Australian Bight (1); Macquarie Island (3); south of Norfolk Island (1)).

There are a further 175 species and subspecies from the lands and waters of 45 countries, states, territories and regions spread around the globe (Angola (1); Antarctic Treaty Administration (3); Pacific Ocean, Galapagos Rift (1); Aruba (1); Brazil (1); British overseas territories: Falkland Islands (6), South Georgia (5); Chile (1); Commonwealth of The Bahamas (11); Cuba (56); Ecuador (4); Fiji (5); French overseas territories: Kerguelen (1), La Réunion (2), New Caledonia (5), Tahiti (2), Tuamotu Archipelago (1); India (1); Israel (2); Jamaica (1); Japan (4); Kenya (1); Malaysia (2); Mexico (2); Norway, Bouvet Island (1); Pacific Ocean, South Bellona Reef (1); Panama (2); Papua New Guinea (4); Peru (5); Philippines (7); Portugal (1); Samoa (3); Solomon Islands (4); South Africa (1); South Atlantic Ocean (1); Sultanate of Oman

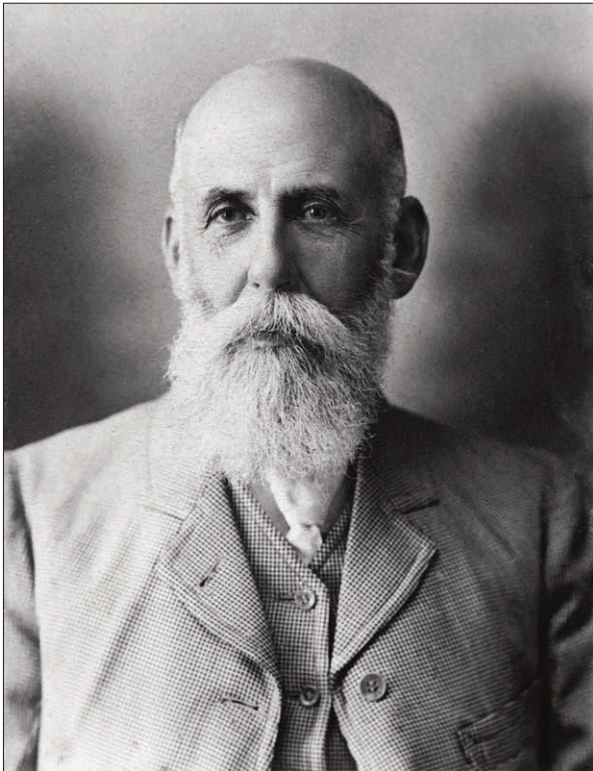


Figure 1a. Thomas Frederic Cheeseman was the sole Curator of Auckland Museum from 1874 until his death in 1923. He collected widely across all areas of natural history.



Figure 1b. A.W.B. (Baden) Powell amongst the mollusc storage cabinets. He and his volunteers made the wooden trays (Dell 1987) and used many other cheap and readily available storage containers, such as lingerie and shoe boxes.

(2); Taiwan (1); Ukraine (1); United Arab Emirates (1); USA: California (1), Florida (5), Hawaii (12), Illinois (1), Puerto Rico (1); Yemen (1)).

Three species lots in the type collection contain mis-localised foreign specimens whose provenance is unknown.

Auckland Museum's first organised molluscan collections were started by T.F. Cheeseman (Figure 1a), who was appointed Secretary of the Auckland Institute and Curator of the Auckland Museum in January 1874. Principally a botanist, he also collected and published widely on other areas of natural history. In 1881 he published the descriptions of four new species of heterobranch seaslugs collected in or near the Waitematā Harbour (Cheeseman 1881a). The previously unpublished paintings of these specimens are amongst the earliest local marine types (iconotypes) held by Auckland Museum.

However, the three paratype specimens of *Cerithiopsis diadema* Monterosato, 1874 appear to be the oldest molluscan type specimens held by Auckland Museum. Label information shows these were obtained by A.W.B. Powell in 1927 from J.R. le B. Tomlin and came to AM as part of Powell's private collection.

In 1929 the Auckland Museum moved to its present site in Auckland Domain, and in the previous year more staff positions became available to help furnish the new galleries. A.W.B. Powell (Figure 1b), who as a 15-year-old in 1916 had been made an honorary curator

by T.F. Cheeseman (Cernohorsky 1988a: 1), became the Museum's first paid conchology and palaeontology curator in December 1928 (*New Zealand Herald* 1928) and held the position until his retirement in 1968 (Dell 1987). Prior to his tenure at Auckland Museum, he obtained material through his already extensive network, from people such as W. La Roche and M.K. Mestayer (Blom 2022; Hayward and Morley 2011). When he was appointed to the Museum in 1929 Powell was, by special arrangement with the Museum Council, able to bring with him his private collection, which by then consisted of 60,000 specimen lots of New Zealand and foreign extant and fossil molluscs (Powell *et al.* 1967: 70). This contained 101 primary types and 104 secondary types. His work post-tenure contributed a further 627 primary types and 616 secondary types. In total, Powell introduced 10 family-group names, 114 genus-group names and 1190 species-group names in Mollusca (Cernohorsky 1988a: 3).

Also in 1929, the Rev. W.H. Webster gave his 'large collection of New Zealand and foreign mollusca' to Auckland Museum (Powell *et al.* 1967: 71). His collection contributed 26 type specimens, including that of *Acanthochites (Loboplax) mariae* Webster, 1908, which he had named after his wife who was also 'an enthusiastic collector' (Webster 1908).

Other important collections, containing significant numbers of types, were those of C.R. Laws and H.J. Finlay.

Auckland Museum's acquisition registers record that in July 1932 C.R. Laws gave 54 specimens of fossil molluscs from the South Island to AM (344/32 Acquisition Register 1932), followed by a '[f]urther collection of Tertiary Mollusca from South Island localities' in May 1934 (177/34 Acquisition Registers 1934). However, in July 1936 he sold to AM the bulk of his collection, as it was then, 'of New Zealand, Australian and European Tertiary Mollusca including 250 holotypes and 5600 species' (213/36 Acquisition Register 1936). As more than half of Laws' species for which types were deposited in Auckland Museum were only published between 1937 and 1941, it is assumed that he continued work on this material after its sale. Another more than 300 primary types and more than 400 secondary types for species which were published by Laws after 1941 remained in his personal collection until shortly before he retired in 1959, when he sold them to the New Zealand Geological Survey (now GNS Science) (Fleming and Grant-Mackie 1985: 27). Laws collected extensively but specialised in micromolluscs (Fleming and Grant-Mackie 1985: 23), and his work on Pyramidellidae alone contributed more than 100 primary types.

In 1937 H.J. Finlay, who until then had been a molluscan researcher, switched to foraminiferal research when he finally secured a permanent position with the New Zealand Geological Survey in September 1937 (Hornibrook 1971: 652). He sold his substantial private collection of recent and fossil Mollusca, their cabinets and records, and books to Auckland Museum just prior to his appointment. A letter in the Powell Archives (MS1562, Letter File F), dated 10 July 1937, shows that the Museum paid £400, with an initial lump sum of £200 and the remainder paid at £25 per annum after that. In 1934 Finlay was paid £1 per week for his foraminiferal work for the oil industry (Hornibrook 1971: 650 ff), so the payment for his collection would have been substantial, especially as New Zealand was still in the grip of the 1930s economic depression. The Finlay Collection comprised some 14,000 species lots with at least 574 primary type specimens and 408 secondary types (Powell *et al.* 1967: 71).

The Auckland Museum's collections also contain 48 type lots of marine and terrestrial species (syntypes, paratypes and paralectotypes) attributed to H. Suter. It is likely that these specimens came via several different routes, and for some their type status is uncertain. Two lots (MA73078, MA73077) consist of mislocalised foreign specimens. Another 18 lots have labels in A.W.B. Powell's handwriting and have numbers which show they came to AM from his own collection. One of these (*Tellina urinaria*, MA72784) was given to Powell by J.A. Bartrum in 1927, but it is not known how the other 17 came to him. A further two lots (MA72785, MA72781) were part of an exchange in 1931 with Whanganui Museum for specimens from Powell's own collection (AM Acquisition register 31/31 (mistakenly as 562/31 on some labels)), and Powell subsequently donated the Suter specimens to AM. One further specimen (MA27663) came via the H.J. Finlay Collection and was labelled by Finlay as coming from 'OUM' [Otago

University Museum]. The other 25 type lots have unnumbered labels in either Powell's handwriting or an unknown script designating the specimens as paratypes or cotypes, but without explanation.

Another significant section of the fossil types are the 64 primary types contributed through J. Marwick's work on the late Pliocene (Waipian) Ōtāhuhu Formation which was found 25–30 m below the surface in the newly dug Waitematā Brewery well, Ōtāhuhu, Auckland (Marwick 1948). J. Healy of the New Zealand Geological Survey heard that the well would be dug and arranged with Morton Coutts, the general manager of the brewery, for collections to be made. Marwick, along with J.A. Bartrum, C.A. Fleming, A.W.B. Powell and C.R. Laws, collected from the spoil dumped at the site between November 1945 and January 1946 (Marwick 1948: 4; Laws 1950: 5). The Laws and Finlay collections together with the Marwick types make the most important collection of fossil molluscan types in New Zealand next to that of GNS Science.

W.F. Ponder contributed 49 type lots in the 1960s, with the majority eatoniellids which formed the basis for his MSc work at Auckland University.

In 1969 W.O. Cernohorsky succeeded Powell as curator of malacology, until his retirement in 1989. He specialised mostly in Indo-Pacific Mollusca and his taxonomic work added a further 29 primary type specimens and 28 secondary types to Auckland Museum (Thwaites *et al.* 2015).

Other notable donations of type material came from National Museum of New Zealand Te Papa Tongarewa (NMNZ) through R.K. Dell, W.F. Ponder, F.M. Climo and B.A. Marshall. Members of the Conchology Section of the Auckland Institute and Museum (aka the Auckland Shell Club) also made important contributions, especially land snail types from N.W. Gardner and J. F. Goulstone.

Exchanges made by Powell with other institutions appear to have been the main source of foreign types. The AM Acquisition register for 16 June 1933 shows that 60 species of Mollusca, including land snails, from the Pacific Islands were exchanged with W.J. Clench, of the Museum of Comparative Zoology (MCZ), Harvard, USA. The entry is annotated that 'Many of these are cotypes from the famous Pease collection'. A further exchange of molluscs 'mainly from the Philippines, Cuba and Bahamas' took place in 1934 (Acquisition register 14 April 1934). In the same year (Acquisition register 15 September 1934) there was also an exchange of 'rare land snails from Philippine Is[lands] and Cuba' with P.L. McGinty. McGinty, a malacologist from Florida, collected with C.G. Aguayo in Cuba in 1930 (Garcia and Vokes 2015: 4 ff). Much later, shells may also have come directly from C.G. Aguayo as shown by a letter from him, dated 9 July 1948 (letters MS1562, Box 2 File 40), in which he acknowledged receipt of Powell's reprints and expressed a desire to exchange Cuban molluscs for New Zealand microscopic marine molluscs. Exchanges also appear to have continued with W.J. Clench (discussed in Salvador *et al.* 2023: 58) and may have contributed further land snail types from southern USA and South America.

SPECIMEN REGISTRATION

Both Powell and Cernohorsky kept all type specimens integrated taxonomically within the general collections, but in the early 1990s the primary types and paratypes were brought together into a separate types collection so they could be more securely stored in a fire-retardant cabinet. Although by now most have been located and extracted, even today the occasional type specimen is still rediscovered amongst the general collections. Today the types are housed separately, in lockable cabinets, away from the main body of the collections.

Powell used two sequential numbering systems, one for the types held within the Museum's collections, and one for the types held within his own private collection. The latter numbers were prefixed with a P. He seems to have started this system after the publication of his 1941 and 1949 catalogues, as he numbered the types by the alphabetical sequence in which they were listed in these publications (Figure 2). A record of the numbers was kept in both a card file and annotated catalogues

handwritten by Powell and organised taxonomically (Figure 3). Each type specimen also has labels bearing at least some if not all information.

A new alpha-numeric system, using the format AK12345, was introduced in the early 1990s with the first round of digitisation of records in the Marine Department. To keep type records separate from other records, a block of numbers from AK70001 to AK74999 was set aside for these. Wherever possible, Powell's holotype numbers were retained within the new system. The Museum's specimens were allocated numbers starting from AK70001, i.e. Powell's 1 became AK70001, etc. And type specimens from Powell's own collection were allocated numbers starting with AK72, i.e. Powell's P1 became AK72001, etc.

In the late 1990s, with a move to the present collections management system and the integration of all departmental databases to a single one, the AK prefix was replaced by the MA prefix, with AK being retained for botanical specimens.

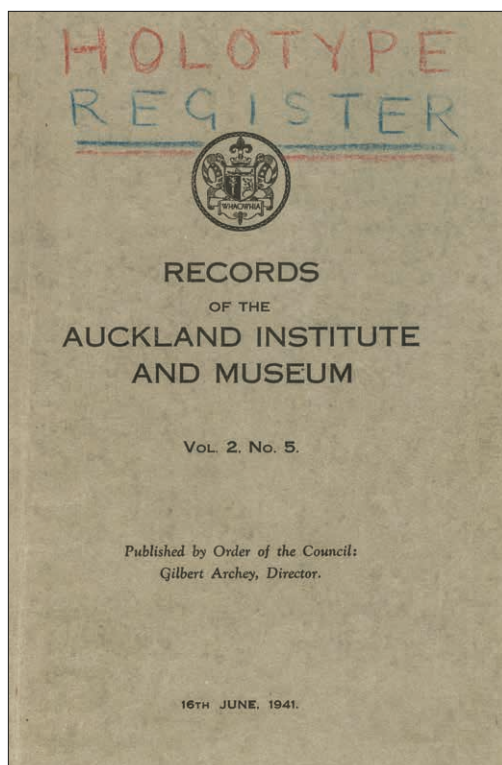
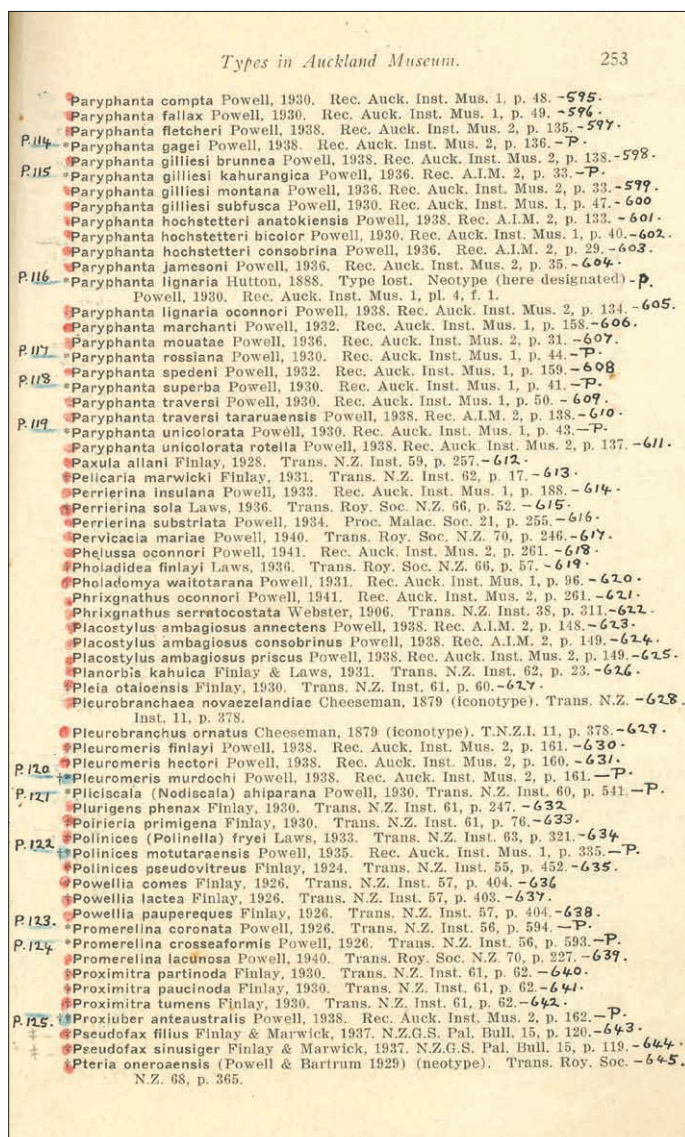


Figure 2. The front cover (above) of an off-print and one of the pages of the catalogue of biological primary types as held by Auckland War Memorial Museum in 1941. This particular one was used by A.W.B. Powell as the Holotype Register. Specimens marked with a red dot (right) were part of the Museum's collections, and those flanked by a number underlined in blue were part of A.W.B. Powell's own personal collection. Eventually both were amalgamated and are now held in the marine department of Auckland War Memorial Museum.



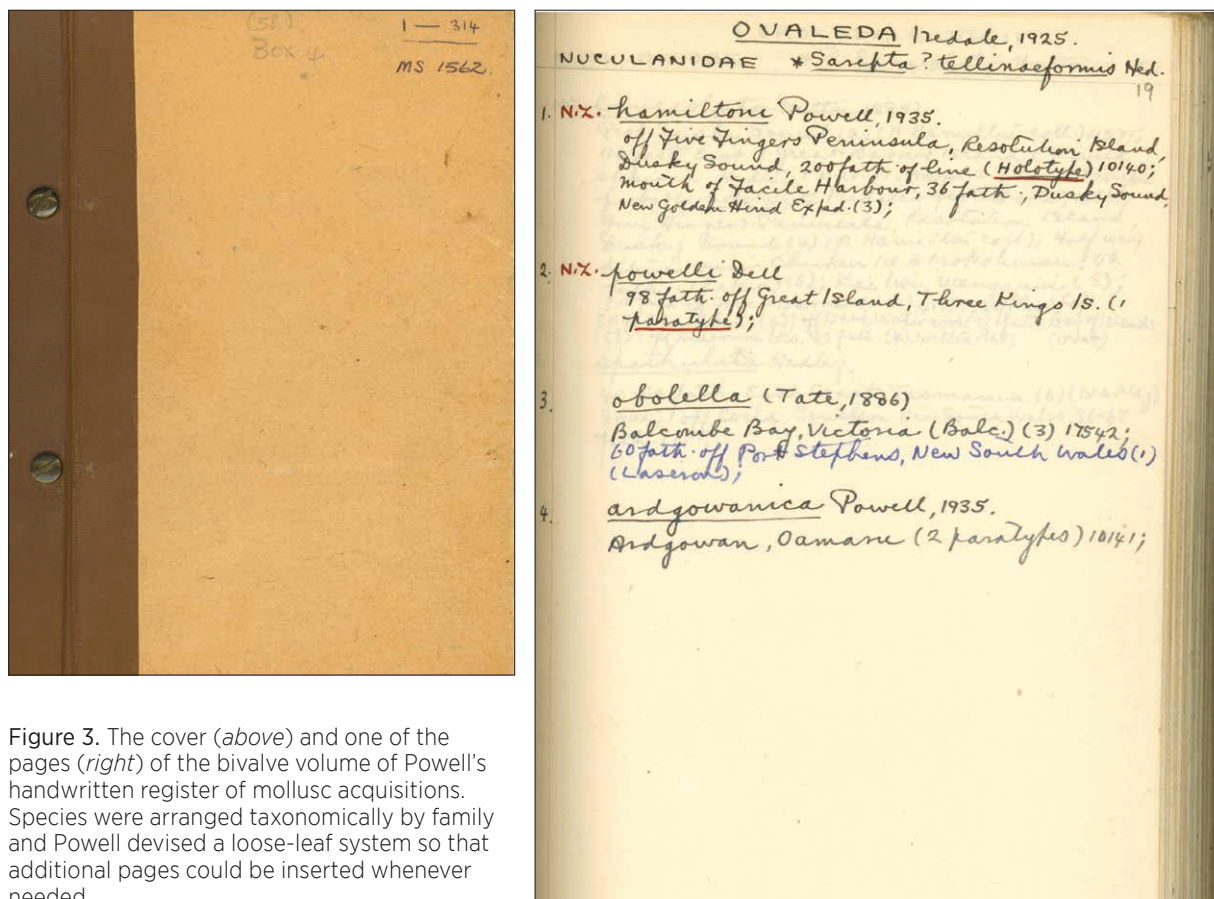


Figure 3. The cover (above) and one of the pages (right) of the bivalve volume of Powell's handwritten register of mollusc acquisitions. Species were arranged taxonomically by family and Powell devised a loose-leaf system so that additional pages could be inserted whenever needed.

METHODS

Within the currently accepted family placement, taxa are here listed alphabetically under their original name first by genus and then by species.

For the taxonomic order at ranks of family and above, Maxwell in Spencer *et al.* (2009) and Spencer *et al.* (2016) were the major references for New Zealand fossil and extant Mollusca. In addition, the following references were used: MolluscaBase for foreign Polyplacophora and extant New Zealand Cephalopoda; Bouchet *et al.* (2010) for Bivalvia; Henderson (1970) for fossil Cephalopoda; Bouchet *et al.* (2017) for Gastropoda; Kantor *et al.* (2022) for superfamily Buccinoidea.

All specimens listed here were sighted and cross-checked against original publications apart from six holotypes, two syntype lots and 13 paratype lots, which are missing. Despite exhaustive searches by the author and colleagues in existing Auckland Museum collections and records, there are types which have not been located and are assumed to be missing. These specimens are marked with an asterisk (*) and most were first recorded as missing only when digitisation of the types collections started in the 1990s. In addition, 17 holotypes, one lectotype, one syntype, one paralectotype lot and 21 paratype lots were found to be affected by glass disease. A further 21 holotypes and five paratype lots are so severely damaged that they are no longer useable.

Fossil taxa are indicated by a dagger (†); the ages given are those of the name-bearing type specimens and for the most part follow Maxwell in Spencer *et al.* (2009). The international timescale unit is followed by the equivalent New Zealand stage in parentheses.

Geochronological subdivisions used in original papers have in many cases been superseded by new nomenclature and their boundaries revised. For the currently accepted New Zealand timescale and formats see Raine *et al.* (2015).

Lithostratigraphic units are those used in the *New Zealand Stratigraphic Lexicon* (GNS Science 1996).

Primary type registrations and their institutional locations have been added, where this information is available, for species-group names for which AM holds only the secondary types.

Type definitions are those used by the International Code of Zoological Nomenclature (ICZN 1999).

Paratypes, paralectotypes and iconotypes have been included in this catalogue, because in some instances the name-bearing type is not readily available (e.g. because it was not preserved, is missing, is affected by glass disease (for a definition of glass disease see Geiger *et al.* 2007: 16), or is held outside New Zealand). It is therefore useful to know that some of the type series or an image of the type is available within New Zealand.

Additional data not shown here, e.g. precise site details, may be held with each accession record and are available on request.

Geographical locations are those used on specimen labels and in published data, but in some cases locations are updated to current, gazetted place names and these are in square brackets [], e.g. Otago Heads [Taiaroa Head]. Informal names which are commonly used in publications are placed in inverted commas, e.g. ‘Old Rifle Butts’. Dual Māori/English names used are as gazetted in the New Zealand Gazetteer (2023). This includes the use of a solidus / to separate dual names, as recommended by the New Zealand Geographic Board (Dyer 2017: 8). The Māori name is usually first in the New Zealand Gazetteer to reflect rights of first discovery, e.g. Piwhane/Spirits Bay, but this is by no means consistent, e.g. Stewart Island/Rakiura. The use of the solidus reflects that names have equal status, regardless of their order. Names are continuously

updated by the New Zealand Geographic Board Nga Pou Taunaha o Aotearoa (Toitū Te Whenua Land Information New Zealand, 2023) which has a statutory obligation as part of cultural redress under Treaty of Waitangi claim settlements. Every effort has been made here to use the most up-to-date combination.

In Blom (2016), high-resolution images created with automontage focus stacking techniques were provided for 12 primary types which were not figured with the original type descriptions. High-resolution images for another 11 and 15 species which were not previously figured were provided in Blom (2019) and Blom (2020), respectively. These have all been reproduced here. However, a further six iconotypes and 30 primary types are figured here for the first time. High-resolution images for many of the other primary types may be viewed through Auckland Museum’s Collections Online (<https://www.aucklandmuseum.com/discover/collections>).

ABBREVIATIONS

AM	Auckland War Memorial Museum Tāmaki Paenga Hira, Auckland, New Zealand.
AMS	Australian Museum, Sydney, New South Wales, Australia.
ANSP	The Academy of Natural Sciences of Drexel University (formerly the Academy of Natural Sciences of Philadelphia), Philadelphia, Pennsylvania, United States of America.
AUNZ	Geological Collections, School of Environment, University of Auckland, Auckland, New Zealand.
BPBM	Bernice Pauahi Bishop Museum, Honolulu, Hawaii, United States of America.
CM	Canterbury Museum, Christchurch, New Zealand.
DMNH	Delaware Museum of Natural History, Wilmington, Delaware, United States of America.
FML	Fundación Miguel Lillo, Tucumán, Argentina.
GNS	GNS Science, Wellington, New Zealand.
KBIN	Koninklijk Belgisch Instituut voor Natuurwetenschappen, Brussels, Belgium.
LACM	Los Angeles County Museum of Natural History, Los Angeles, California, United States of America.
MCAS	Museum of the California Academy of Sciences, San Francisco, California, United States of America.
MCZ	Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America.
MCZR	Museo Civico Zoologia Roma, Rome, Italy.
MHNFP	Museum de Historia Natural Felipe Poey, La Habana, Cuba.
MNCN	Museum Nacional de Ciencias Naturales, Madrid, Spain.
MNHGD	Museum d’Histoire Naturelle Giacomo Doria, Genoa, Italy.
MNHN	Muséum National d’Histoire Naturelle, Paris, France.
MOV	Museums of Victoria, Melbourne, Victoria, Australia.
NHM	Natural History Museum, London, United Kingdom.
NHMD	Natural History Museum of Denmark, University of Copenhagen, Copenhagen, Denmark.
NM	Natal Museum, Pietermaritzburg, South Africa.
NMNH	Muséum National d’Histoire Naturelle, Paris, France.
NMNZ	National Museum of New Zealand Te Papa Tongarewa, Wellington, New Zealand.
PIN	Borissiak Paleontological Institute of the Russian Academy of Sciences in Moscow, Russia.
QM	Queensland Museum, Brisbane, Queensland, Australia.
RBINS	Royal Belgian Institute of Natural Sciences, Museum of Natural Sciences, Brussels, Belgium.
SAM	South Australian Museum, Adelaide, Australia.
SMF	Senckenberg Museum, Frankfurt, Germany.
TAU	Tel Aviv University, Tel Aviv, Israel.
UMMZ	University of Michigan, Museum of Zoology, Ann Arbor, Michigan, United States of America.
USNM	United States National Museum of Natural History, Smithsonian Institution, Washington (D.C.), United States of America.
VU	Geology Department, Victoria University of Wellington – Te Herenga Waka, Wellington, New Zealand.

Phylum MOLLUSCA

Class POLYPLACOPHORA**Subclass NEOLORICATA****Order LEPIDOPLEURIDA****Family ABYSSOCHITONIDAE*****Xylochiton xylophagus* Gowlett-Holmes & A.M. Jones, 1992**

Gowlett-Holmes, K.L. and A.M. Jones, 1992, pp. 38–41, figs 1–5.

Holotype: NMNZ M.100855

Paratype: MA73675 (C.168568), one specimen, collected by USSR FV *Kalinovo* on 23 November 1981, from the type locality, from 1075–1100 m depth, off Whakaari/White Island, Bay of Plenty, New Zealand.

Current name: *Ferreiraella xylophaga* (Gowlett-Holmes & A.M. Jones, 1992) – MolluscaBase (2023).

Family LEPTOCHITONIDAE**† *Lepidopleurus clifdenensis* Ashby, 1929**

Ashby, E., 1929, pp. 367, 368, pl. 32, figs 8a, b; refigured in Blom (2017: figs 1a, b).

Holotype: MA70394, a single incomplete median valve collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Remarks: Ashby (1929) published the locality as 'Clifden (Band 6A)', but the two Finlay labels accompanying the specimen have the locality recorded as Clifden 6C.

Current name: *Leptochiton clifdenensis* (Ashby, 1929) – Maxwell in: Spencer *et al.* (2009: 233); MolluscaBase (2023).

***Parachiton textilis* Powell, 1937**

Powell, A.W.B., 1937b, pp. 219, 220, pl. 48, figs 4–6.

Holotype: NHM 19621073

Paratypes: MA71946, anterior valve, two median valves and a posterior valve, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Parachiton textilis* Powell, 1937 – MolluscaBase (2023).

Order CHITONIDA**Family ISCHNOCHITONIDAE*****Ischnochiton luticolens* Hull, 1923**

Hull, A.F.B., 1923, pp. 159, 160, pl. 24, figs 10–13.

Holotype: Repository not located.

Paratypes: MA73238, two whole dried individuals, collected by A.F.B. Hull in July 1921, from the type locality Barney Point, Port Curtis, Queensland, Australia.

Current name: *Ischnochiton luticolens* Hull, 1923 – MolluscaBase (2023).

Family CALLOCHITONIDAE**† *Callochiton chattonensis* Ashby, 1929**

Ashby, E., 1929, p. 368, pl. 32, figs 13a, b; refigured in Blom (2017: figs 1c, d).

Holotype: MA70131, one minute median valve, collected from the late Oligocene (Duntroonian) Chatton Formation, Chatton, Southland, New Zealand.

Current name: *Callochiton chattonensis* Ashby, 1929 – Maxwell in: Spencer *et al.* (2009: 233); MolluscaBase (2023).

Family CHITONIDAE***Lucilina rainfordiana* Hull, 1924**

Hull, A.F.B., 1924, pp. 115, 116, pl. 21, fig. 3.

Holotype: QM MO 1139

Paratypes: MA28563, one whole dried individual and one individual with intact valves and girdle but without soft parts, collected by A.F.B. Hull and E.H. Rainford on 17 September 1923, from the type locality, North Head, Port Denison, Queensland, Australia.

Current name: *Lucilina fortillarata* (Reeve, 1847) – MolluscaBase (2023).

Family ACANTHOCHITONIDAE***Acanthochiton brookesi* Ashby, 1926**

Ashby, E., 1926, pp. 14, 15, pl. 1, figs 3a–c; pl. 2, fig. 7; refigured in Blom (2017: fig. 1e).

Holotype: MA70002, anterior valve, median valve 4, posterior valve, collected by H. Suter from Waitemata Harbour (?), Auckland, New Zealand.

Paratype: MA72422, anterior valve, five median valves and posterior valve, from the type (?) locality.

Remarks: There is some doubt about the locality. Ashby (1926) reported that he was given the specimens by Suter some 20 years before they were described. However, 'mice found their way into the cabinet, destroyed many, damaged and mixed the rest; as result the localities are unreliable, but one of the three specimens of the form under description remained attached to a tablet labelled "Auckland Harbour".' Furthermore, 'Auckland Harbour' is an unofficial name which may refer to Waitemata Harbour or any of the inner Hauraki Gulf coastal region. Ashby named the species after 'my friend Mr Albert E. Brookes, who so generously supplied material for this investigation'. A.E. Brookes was a keen entomologist and conchologist, who was a life member of the Conchology Section of the Auckland Institute and Museum (aka Auckland Shell Club) and its president from 1948–1950.

Current name: *Acanthochitona brookesi* Ashby, 1926 – MolluscaBase (2023).

***Acanthochiton foveauxensis* Mestayer, 1926**

Mestayer, M.K., 1926, pp. 585, 586, pl. 100, figs 9–12.

Holotype: NMNZ M.001584

Paratypes: MA71624, four complete, dried specimens, collected from the type locality, from 27–36 m (15–20

fathoms) depth, from oyster beds, Foveaux Strait, New Zealand.

Current name: *Notoplax rubiginosa* (F.W. Hutton, 1872) – Powell (1979: 31); MolluscaBase (2023).

Acanthochiton foveauxensis var. *kirki* Mestayer, 1926
Mestayer, M.K., 1926, p. 586, pl. 101, figs 1–4.

Holotype: NMNZ M.001388

Paratypes: MA71623, two complete, dried specimens, collected from oyster beds, Foveaux Strait, New Zealand.

Remarks: Named after Professor Harry Borrer Kirk, who was the foundation professor of biology at Victoria College, now Victoria University of Wellington. Kirk held the Chair of Biology from 1903 to 1944 and Mestayer named ‘this particularly pretty form, in grateful recognition of his unfailing kindness’.

Current name: *Notoplax rubiginosa* (F.W. Hutton, 1872) – Powell (1979: 31); MolluscaBase (2023).

Acanthochites (Loboplax) mariae Webster, 1908
Webster, W.H., 1908, p. 254, pl. 20, figs 1–11; refigured in Blom (2017: figs 1f, g).

Holotype: MA70001, complete, dried specimen, collected from rocks at low tide, Orua Bay, Manukau Harbour, Auckland, New Zealand.

Paratypes: MA71594, 16 valves representing two complete individuals, from the type locality.

Current name: *Notoplax mariae* (Webster, 1908) – Powell (1979: 30, 31); MolluscaBase (2023).

†*Loboplax ashbyi* Laws, 1932

Laws, C.R., 1932, pp. 184, 185, pl. 32, fig. 45; refigured in Blom (2017: fig. 1i).

Holotype: MA70422, a median valve, collected by C.R. Laws from the late Oligocene (Duntroonian) Chatton Formation, Shell Gully, Chatton, Southland, New Zealand.

Remarks: Named after Edwin Ashby, ‘who has already described *Callochiton chattonensis* from these beds’.

Current name: *Notoplax ashbyi* (Laws, 1932) – Beu and Raine (2009); MolluscaBase (2023).

Notoplax aupouria Powell, 1937

Powell, A.W.B., 1937b, p. 220, pl. 48, fig. 1.

Holotype: NHM 1962071

Paratypes: MA72312, four unrelated, worn median valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Notoplax aupouria* Powell, 1937 – MolluscaBase (2023).

Notoplax websteri Powell, 1937

Powell, A.W.B., 1937b, pp. 220, 221, pl. 48, figs 2, 3.

Holotype: NHM 19621072

Paratypes: MA72313, three median valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Notoplax websteri* Powell, 1937 – MolluscaBase (2023).

Notoplax (Amblyplax) mariae haurakiensis Ashby, 1926
Ashby, E., 1926, pp. 26, 27, pl. 2, figs 3a–c; refigured in Blom (2017: fig. 1h).

Holotype: MA70535, anterior valve, one median and a posterior valve, on an *Atrina* shell dredged from 37 m (20 fathoms) by A.E. Brookes, prior to late 1922, from Hauraki Gulf, New Zealand.

Current name: *Notoplax mariae* (Webster, 1908) – MolluscaBase (2023).

Family SCHIZOCHITONIDAE

Schizochiton polyops Iredale & Hull, 1926

Iredale, T. and A.F.B. Hull, 1926, p. 271, pl. 38, figs 16, 17, 19–21.

Holotype: Repository not located.

Paratype: MA72835, one complete, dried specimen, collected from Howick Island, North Queensland, Australia.

Current name: *Schizochiton incisus* (G.B. Sowerby II, 1841) – MolluscaBase (2023).

Class BIVALVIA

Subclass PROTOBRANCHIA

Order NUCULIDA

Superfamily NUCULOIDEA

Family NUCULIDAE

Austronucula schencki Powell, 1939

Powell, A.W.B., 1939, pp. 220, 221, pl. 48, fig. 5.

Holotype: MA70076, articulated specimen, collected by R.H. Harrison from shell sand from Rosa Island, Port Pegasus, Stewart Island/Rakiura, New Zealand.

Remarks: Also the type for the genus. Valves show damage from glass disease.

Current name: *Austronucula schencki* Powell, 1939 – Powell (1979: 358); MolluscaBase (2023).

Nucula certisinus Finlay, 1930

Finlay, H.J., 1930c, p. 243, not figured.

Lectotype (designated here): MA70551, **Plate 4c, d**, left valve, dredged from 22 m (12 fathoms) depth, Doubtless Bay, Northland, New Zealand.

Paralectotype: MA73328, left valve from the type locality.

Remarks: Finlay (1930c: 243) reported ‘one perfect specimen and a single valve’ for the type material. Older labels, presumed to be A.W.B. Powell’s, have

‘Holotype & Paratype’ and Dell (1956a) figured the ‘type specimen’ (figs 5, 7), but neither Powell nor Dell mentioned whether the ‘perfect’ specimen consisted of a left valve and right valve, with an additional left valve, when they looked at the specimen lot. However, in 2015, lot MA70551 contained two capsules, each with a left valve only. One capsule was labelled ‘L’ and was matched with a label written by B.A. Marshall (NMNZ) stating: ‘Lectotype (Dell, 1956). Capsule marked “L”. B Marshall, 4/10/2000.’ Blom (2016: 5) interpreted the specimens to have lectotype and paralectotype status at that time, but this was incorrect as a lectotypification was never published and the specimens were correctly still syntypes. In the interest of taxonomic stability, the specimen in MA70551 is here designated as the lectotype and the single specimen in MA73328 is a paralectotype.

Current name: *Nucula certisinus* Finlay, 1930 – Powell (1979: 355); MolluscaBase (2023).

Nucula dunedinensis Finlay, 1928

Finlay, H.J., 1928, pp. 262, 263, pl. 38, figs 1, 2; pl. 40, figs 43, 44.

Holotype: MA70552, articulated specimen, dredged from 5.5 m from Otago Harbour, Otago, New Zealand.

Paratypes: MA72962, one articulated specimen and two left valves; MA72563, two articulated specimens, three right valves and four unrelated left valves, all dredged from the type locality.

Remarks: Finlay (1928) did not explicitly state the number of, or localities for, the paratypes, and there are no original labels with these.

Current name: *Nucula (Lamellinucula) dunedinensis* Finlay, 1928 – Powell (1979: 355, 356); MolluscaBase (2023).

Nucula gallinacea Finlay, 1930

Finlay, H.J., 1930c, p. 243, not figured.

Syntypes: MA70553, **Plate 5a–h**, two disarticulated specimens and one left valve, dredged from 46 m (25 fathoms) depth, off Hen and Chickens Islands, Northland, New Zealand.

Remarks: Finlay (1930c) stated that there are ‘4 examples’ from the type locality. However, the AM type material contains five valves from three different individuals. In addition to original labels, there is a small note in A.W.B. Powell’s handwriting, stating ‘In the type-material of *Nucula gallinacea* are a pair of valves which are a new species of *Linucula*. According to P.A. Maxwell in a letter 29–7–1974.’ In Powell (1979: 356) the taxon is named as *Nucula (Linucula) gallinacea*. The original type material needs re-examination.

Current name: *Varinucula gallinacea* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 233); MolluscaBase (2023).

† *Nucula ngatutura* Laws, 1936

Laws, C.R., 1936a, p. 45, pl. 9, figs 1, 4.

Holotype: MA70554, right valve, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Nucula ngatutura* (Laws, 1936) – Beu and Maxwell (1990: 392); MolluscaBase (2023).

Nucula nitidulaformis Powell, 1971

Powell, A.W.B., 1971, pp. 227, 228, figs 27, 28.

Holotype: MA71327, articulated specimen, collected from east of Aldermen Islands, Coromandel, New Zealand.

Paratypes: MA71467, four articulated specimens, from the type locality; MA73330, a single articulated specimen, assumed to be from the type locality.

Remarks: MA71467 contained two vials, one with one articulated specimen, and one with four articulated specimens, and a label handwritten by Powell giving type locality details. Powell (1971) mentioned a ‘Holotype and paratype presented to Auckland Museum by Mr C. Wormald’ but made no mention of a further four paratype specimens. It is assumed that the four specimens are from the type series and were donated at a later date and that the single specimen (now MA73330) is the original Powell (1971) paratype, which, according to the label, was originally kept together with the holotype specimen.

Current name: *Nucula nitidulaformis* Powell, 1971 – MolluscaBase (2023).

Nucula rossiana Finlay, 1930

Finlay, H.J., 1930c, pp. 242, 243, not figured.

Holotype: MA70555, **Plate 4e, f**, right valve, collected from shell sand, Faith [North] Harbour, Auckland Islands, New Zealand.

Paratypes: MA72591, one articulated specimen and one left valve, assumed to be from the type locality; MA73086, unrelated left and right valves from the type locality.

Current name: *Nucula rossiana* Finlay, 1930 – MolluscaBase (2023).

Pronucula bollonsi Powell, 1955

Powell, A.W.B., 1955, p. 19, pl. 1, fig. 3.

Holotype: MA72203, right valve collected [by J. Bollons], from 174 m (95 fathoms) depth, 22.5 km (14 miles) north of the Auckland Islands, New Zealand.

Paratypes: MA71973, five articulated individuals, from the type locality.

Current name: *Pronucula bollonsi* Powell, 1955 – MolluscaBase (2023).

Pronucula maoria Powell, 1937

Powell, A.W.B., 1937b, p. 163, pl. 45, fig. 8.

Holotype: NHM 1962915

Paratypes: MA72208, six left valves, and two right valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Pronucula maoria* Powell, 1937 – MolluscaBase (2023).

***Pronucula tenuis* Powell, 1927**

Powell, A.W.B., 1927a, pp. 119, 120, pl. 22, figs 1, 2.

Holotype: CM M853

Paratype: MA72347, right valve, dredged from the type locality by a private scientific party in December 1908, off the steamer *Rakiura* in 311 m (170 fathoms) depth, off Puysegur Point, Southland, New Zealand.

Remarks: In Powell (1927a) two specimens were mentioned as follows: ‘Holotype (1 left valve) from 100 fathoms. A single worn left valve from 170 fathoms.’ As the holotype specimen was lodged in the Canterbury Museum, Christchurch (CM M853), the second specimen is here treated as the paratype. Powell (1927a) referred to two left valves, but the figured specimen, presumed to be the holotype, is a right valve. The paratype specimen is also a right valve. It is likely that at the time of writing it was not recognised that the Nuculidae are opisthogyrate, i.e. the umbo is posteriorly directed, and so the valves were misidentified.

Current name: *Pronucula tenuis* Powell, 1927 – MolluscaBase (2023).

Order NUCULANIDA

Superfamily NUCULANOIDEA

Family NUCULANIDAE

† ***Ledella clifdenensis* Powell, 1935**

Powell, A.W.B., 1935b, pp. 254, 255, pl. 27, fig. 7.

Holotype: MA70390, articulated specimen, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay’s bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA72421, one right valve and two left valves, from the type locality.

Remarks: The holotype specimen lot consisted of two left valves and one articulated specimen. As the articulated specimen matched the original holotype illustration the two left valves were combined with the existing paratype specimen, MA72421.

Current name: *Comitileda clifdenensis* (Powell, 1935) – Beu and Maxwell (1990: 393); MolluscaBase (2023).

***Ledella finlayi* Powell, 1935**

Powell, A.W.B., 1935b, p. 254, pl. 27, figs 5, 6.

Holotype: MA70391, left valve, collected from 137 m (75 fathoms) depth, off North Cape, Northland, New Zealand.

Paratypes: MA72435, seven right valves and four left valves, from the type locality.

Current name: *Ledella finlayi* Powell, 1935 – MolluscaBase (2023).

***Nuculana (Jupiteria) manawatawhia* Powell, 1937**

Powell, A.W.B., 1937b, p. 164, pl. 45, fig. 9.

Holotype: NHM 1962916

Paratypes: MA71876, three worn right valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Jupiteria manawatawhia* (Powell, 1937) – Powell (1979: 359); MolluscaBase (2023).

† ***Nuculana (Saccella) motutaraensis* Powell, 1935**

Powell, A.W.B., 1935d, p. 330, pl. 76, fig. 1.

Holotype: MA72107, left valve, collected from large fallen blocks of early Miocene (Altonian) Nihotupu Formation, southern end of Maukatia Bay, south of Muriwai Beach, west Auckland, New Zealand.

Paratypes: MA71385, two right valves and one left valve, from the type locality.

Current name: *Saccella motutaraensis* (Powell, 1935) – Maxwell in: Spencer *et al.* (2009: 234); MolluscaBase (2023).

† ***Nuculana (Saccella) waihiana* Powell, 1931**

Powell, A.W.B., 1931a, pp. 91, 92, pl. 11, fig. 15.

Holotype: MA70556, right valve with damaged ventral margin, collected by A.W.B. Powell in January 1931 from the late Pliocene (Waipipian) Tangahoe Formation, on the coast near the mouth of Waihi Stream, Hawera, New Zealand.

Paratypes: MA71645, two damaged left valves, from the type locality.

Current name: *Saccella waihiana* (Powell, 1931) – Maxwell in: Spencer *et al.* (2009: 234); MolluscaBase (2023).

***Poroleda pertubata* Iredale, 1924**

Iredale, T., 1924, pp. 185, 186, not figured.

Holotype: MA72961, **Plate 4a, b**, right valve, dredged by C. Hedley from 200 m (110 fathoms) east of Great Barrier Island, New Zealand.

Remarks: The label, in A.W.B. Powell’s script, states that it is figured in Hedley (1906, p. 71, pl. 2, fig. 7) as *Poroleda lanceolata* (F.W. Hutton, 1885). Either the specimen has been damaged along the ventral and posterior margins since the illustration or Hedley’s illustration is a composite of a number of specimens. *P. lanceolata* was originally described by Hutton from a fossil specimen.

Current name: *Poroleda lanceolata* (F.W. Hutton, 1885) – Powell (1979: 362); MolluscaBase (2023).

Family YOLDIIDAE

†*Nuculana (Jupiteria) taioma* Finlay & Marwick, 1937
Finlay, H.J. and J. Marwick, 1937, pp. 16, 17, pl. 1,
figs 1, 3, 6.

Holotype: GNS TM 4103

Paratypes: MA72862, two right valves and one left valve, all embedded in rock from the type locality, the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Ledina taioma* (Finlay & Marwick, 1937) – Maxwell in: Spencer *et al.* (2009: 234); MolluscaBase (2023).

†*Ovaleda ardgowanica* Powell, 1935

Powell, A.W.B., 1935b, p. 253, pl. 27, figs 3, 4.

Holotype: MA70580, left valve, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Paratype: MA71398, left valve; MA10141, two left valves; all from the type locality.

Current name: *Yoldiella ardgowanica* (Powell, 1935) – Maxwell in: Spencer *et al.* (2009: 234); MolluscaBase (2023).

Ovaleda hamiltoni Powell, 1935

Powell, A.W.B., 1935b, pp. 252, 253, pl. 27, figs 1, 2.

Holotype: MA72110, left valve, presumed to have been collected by J. Fairchild from 366 m (200 fathoms) depth, off Five Fingers Peninsula, Resolution Island, Southland, New Zealand.

Current name: *Yoldiella hamiltoni* (Powell, 1935) – MolluscaBase (2023).

Family MALLETIIDAE

Neilo annectens Powell, 1931

Powell, A.W.B., 1931a, p. 92, pl. 12, fig. 25.

Holotype: MA70516, left valve embedded in siltstone, collected by A.W.B. Powell from the late Pliocene (Waipipian) Tangahoe Formation, near the mouth of Waihi Stream, Hawera, New Zealand.

Remarks: The species is found from the early Pliocene through to the Recent.

Current name: *Neilo annectens* Powell, 1931 – MolluscaBase (2023).

†*Neilo awamoana* Finlay, 1926

Finlay, H.J., 1926a, p. 255, pl. 58, figs 20–22.

Holotype: MA70517, right valve, collected from the early Miocene (Altonian) of the Mount Harris Formation at Mount Harris, Oamaru district, Otago, New Zealand.

Paratypes: MA71686, left valve, collected from the early Miocene (Altonian) of the Mount Harris Formation at Devils Bridge near Oamaru, Otago, New Zealand; MA73332, right valve, collected from the early Miocene

(Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Current name: *Neilo awamoana* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 234); Beu and Maxwell (1990: 393).

†*Neilo sinangula* Finlay, 1926

Finlay, H.J., 1926a, p. 256, pl. 58, fig. 19.

Holotype: MA70518, right valve, collected from the late Oligocene (Duntroonian) Wharekuri Greensand, true left bank of the Waitaki River, 1.6 km below Wharekuri (site now submerged beneath Lake Waitaki), north Otago, New Zealand.

Current name: *Neilo sinangula* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 234); Beu and Maxwell (1990: 393).

Family NEILONELLIDAE

Austrotindaria benthicola Dell, 1956

Dell, R.K., 1956a, pp. 13, 14, pl. 2, figs 14, 15.

Holotype: NMNZ M.009759

Paratype: MA72743, left valve, dredged from the type locality, station 41, Chatham Islands Expedition 1954, from 600 m (330 fathoms) south east of Pitt Island, Chatham Islands, New Zealand.

Current name: *Neilonella benthicola* (Dell, 1956) – MolluscaBase (2023).

Austrotindaria flemingi Dell, 1956

Dell, R.K., 1956a, p. 14, pl. 2, figs 12, 13, 16.

Holotype: NMNZ M.009760

Paratype: MA72757, left valve, dredged from the type locality, station 41, Chatham Islands Expedition 1954, from 600 m (330 fathoms) south east of Pitt Island, Chatham Islands, New Zealand.

Current name: *Neilonella flemingi* (Dell, 1956) – MolluscaBase (2023).

Subclass AUTOBRANCHIA

Order MYTILIDA

Superfamily MYTILOIDEA

Family MYTILIDAE

Aulacomya ater regia Powell, 1957

Powell, A.W.B., 1957, p. 120, pl. 2, figs. 1, 2.

Holotype: Repository not located.

Paratypes: MA71952, two articulated specimens, collected from the type locality during 1929–1931 British Australian New Zealand Antarctic Research Expedition, station 52, in 20–30 m depth, Bras Bolinder, near the head of Greenland Harbour, Kerguelen Island, District of the French Southern and Antarctic Lands.

Remarks: In his list of Recorded Species, p. 111, Powell (1957) recorded the name as *Aulacomya*

magellanica regia n. subsp. However, on p. 120 he used the name *Aulacomya ater* regia n. subsp.

Current name: *Aulacomya atra* (Molina, 1782) – MolluscaBase (2023).

***Mytilus aoteanus* Powell, 1958**

Powell, A.W.B., 1958b, pp. 87, 88, text figs 2, 4; pl. 12, fig. 5.

Holotype: MA71237, articulated specimen, collected from Rona Bay, Wellington Harbour, Wellington, New Zealand.

Current name: *Mytilus galloprovincialis* Lamarck, 1819 – MolluscaBase (2023).

† ***Mytilus tetleyi* Powell & Bartrum, 1929**

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 399, 400, pl. 40, figs 46, 47; pl. 49, fig. 103.

Holotype: MA72103, one largely intact left valve, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratypes: MA73335, two anterior fragments from right valves, from the type locality.

Remarks: The two specimens in MA73335 were found in the box with the holotype and are here assumed to have paratype status. Powell & Bartrum (1929) illustrated two paratypes (figs 46, 47) which were lodged with Auckland University (L2635, fig. 46; L2633, fig. 47), along with a third unfigured paratype (L2635). They discussed the internal ligament area with particular regard to paratypes, consistent with the features shown by one of the fragments of MA73335. Only one of the Auckland University specimens shows these features and as there is direct reference in the text to more than one paratype with these, it must be assumed that AM’s fragment is a paratype. It is therefore also assumed that the second fragment was part of the type series and is therefore treated as a paratype.

Current name: *Perna tetleyi* (Powell & Bartrum, 1929) – Maxwell in: Spencer *et al.* (2009: 234); MolluscaBase (2023).

† ***Trichomusculus lornensis* Laws, 1932**

Laws, C.R., 1932, p. 183, pl. 32, fig. 41.

Holotype: MA70770, left valve, collected by C.R. Laws from a fallen block of the middle–late Eocene (Kaiatan) Waiareka Volcanic Formation, hillside near the disused Lorne railway station, Waiareka Valley, inland from Oamaru, New Zealand.

Current name: *Trichomusculus lornensis* Laws, 1932 – Maxwell in: Spencer *et al.* (2009: 234); MolluscaBase (2023).

Order ARCIDA

Superfamily ARCOIDEA

Family ARCIDAE

***Acar sandersonae* Powell, 1933**

Powell, A.W.B., 1933c, p. 200, pl. 17, figs 6–8.

Holotype: MA70003, one articulated specimen, collected by F.W. Sanderson, from west of Taupo Bay, Whangaroa, Northland, New Zealand.

Paratype: MA71435, articulated specimen, from the type locality.

Current name: *Acar sandersonae* Powell, 1933 – MolluscaBase (2023).

***Arca sociella* Brookes, 1926**

Brookes, A.E., 1926, p. 590, pl. 102, figs 4, 4a.

Holotype: MA71290, disarticulated right and left valves, collected by A.E. Brookes near Russell, Bay of Islands, New Zealand.

Paratypes: MA73329, five articulated specimens, collected by A.E. Brookes from the Bay of Islands, New Zealand, no further details available.

Current name: *Acar sociella* (Brookes, 1926) – MolluscaBase (2023).

† ***Barbatia awamoana* Finlay, 1930**

Finlay, H.J., 1930b, p. 49, pl. 5, figs 63–65.

Holotype: MA70093, right valve, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Oamaru, Otago, New Zealand.

Paratypes: MA72441, six right valves, 12 unrelated left valves, of varying sizes and preservation, from the type locality.

Current name: *Barbatia awamoana* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 234); MolluscaBase (2023).

† ***Bentharca waitakerensis* Eagle, 2000**

Eagle, M.K., 2000, pp. 147–150, figs 5–9, 12.

Holotype: AUNZ L3833

Paratype: MA72301, left valve, collected by M.K. Eagle, from the type locality, early Miocene (Altonian) Nihotupu Formation, Shaw Road quarry, Oratia, Auckland, New Zealand.

Remarks: In Eagle (2000) the species name is variously spelled *Bentharca waitakarensis* or *Bentharca waitakerensis*. The description states that the species is named after the Waitakere Ranges (p. 148) and therefore the spelling *waitakerensis* is adopted here as the correct one.

Current name: *Bentharca waitakerensis* Eagle, 2000 – Maxwell in: Spencer *et al.* (2009: 234); MolluscaBase (2023).

Family CUCULLAEIDAE

† *Cucullaea (Cucullastis) barbara* Finlay & Marwick, 1937
Finlay, H.J. and J. Marwick, 1937, pp. 20, 21, pl. 1, figs 11, 14–16.

Holotype: MA70224, left valve, collected from the early Paleocene (lower Teurian) of Boulder Hill, near Dunedin, Otago, New Zealand.

Paratype: MA73093, left valve from the type locality (illustrated in Beu and Maxwell (1990: p. 78, figs 1a, c)).

Current name: *Cucullaea (Cucullastis) barbara* Finlay & Marwick, 1937 – Beu and Raine (2009); MolluscaBase (2023).

† *Cucullaea (Cucullona) inarata* Finlay & Marwick, 1937
Finlay, H.J. and J. Marwick, 1937, p. 20, pl. 2, figs 2–5.

Holotype: MA73355, left valve, collected from the early Paleocene (lower Teurian) of Boulder Hill, near Dunedin, Otago, New Zealand.

Paratype: MA73356, right valve from the type locality.

Current name: *Cucullaea (Cucullona) inarata* Finlay & Marwick, 1937 – Beu and Raine (2009); MolluscaBase (2023).

Family GLYCYMERIDIDAE

† *Glycymeris marshalli* Laws, 1930
Laws, C.R., 1930, p. 547, pl. 91, figs 13, 14.

Holotype: MA70347, right valve, collected from the late Oligocene (Duntroonian) Chatton Shellbed, Shell Gully, Chatton, Southland, New Zealand.

Current name: *Glycymeris (Glycymeris) marshalli* Laws, 1930 – Maxwell in: Spencer *et al.* (2009: 234); MolluscaBase (2023).

† *Glycymeris (Grandaxinea) aucklandica* Powell, 1938
Powell, A.W.B., 1938a, pp. 364, 365, pl. 38, fig. 9.

Holotype: MA70346, left valve with part of the postero-dorsal margin broken away, collected by A.W.B. Powell, from the early Miocene (Otaian) Tipakuri Formation at ‘Fossil Bay’ just south of Church Bay (sometimes known as Squadron Bay), Waiheke Island, Auckland, New Zealand.

Paratypes: MA73113, two damaged left (?) valves from the type locality.

Current name: *Tucetona aucklandica* (Powell, 1938) – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

† *Glycymeris (Grandaxinea) wairarapaensis* Powell, 1938
Powell, A.W.B., 1938c, pp. 158, 159, pl. 39, fig. 2.

Holotype: MA70348, right valve, collected by A.W.B. Powell, from the Early Pleistocene (Nukumaruan) Castlepoint Formation at the lighthouse reef, Castlepoint, Wairarapa, New Zealand.

Paratypes: MA72418, one articulated specimen, three right valves, six left valves, from the type locality.

Current name: *Tucetona wairarapaensis* (Powell, 1938) – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

Superfamily LIMOPSOIDEA**Family LIMOPSIDAE**

† *Limopsis campa* R.S. Allan, 1926
Allan, R.S., 1926a, pp. 345, 346, text fig. p. 346.

Holotype: MA70397, one articulated specimen, collected from middle Eocene (Bortonian) Waihao Greensand, Waihao Downs, Canterbury, New Zealand.

Current name: *Limopsis campa* R.S. Allan, 1926 – Maxwell in: Spencer *et al.* (2009: 234); MolluscaBase (2023).

† *Limopsis lawsi* L.C. King, 1933
King, L.C., 1933, p. 353, pl. 37, figs 18, 19.

Holotype: GNS TM 4173

Paratypes: MA73197, one articulated specimen and one right valve attached to the right valve of the articulated specimen, collected from the type locality, the late Miocene (Tongaporutuan) Hurupi Formation, Hurupi Creek, Palliser Bay, New Zealand.

Current name: *Limopsis lawsi* L.C. King, 1933 – Maxwell in: Spencer *et al.* (2009: 234); MolluscaBase (2023).

† *Limopsis marwicki* Powell, 1938
Powell, A.W.B., 1938c, pp. 159, 160, pl. 39, figs 3–5.

Holotype: MA70398, right valve, collected by A.W.B. Powell, from the Early Pleistocene (Nukumaruan) Castlepoint Formation at the lighthouse reef, Castlepoint, Wairarapa, New Zealand.

Paratypes: MA71442, three right valves, two unrelated left valves, from the type locality.

Current name: *Limopsis marwicki* Powell, 1938 – Maxwell in: Spencer *et al.* (2009: 234); MolluscaBase (2023).

† *Limopsis producta* Finlay & McDowall, 1923
Finlay, H.J. and F.H. McDowall, 1923, pp. 112, 113, text fig. 1.

Holotype: MA70399, right valve, collected from the middle Miocene (Waiauian) of the Dowling Bay Limestone, Dunedin, Otago, New Zealand.

Current name: *Limopsis producta* Finlay & McDowall, 1923 – Maxwell in: Spencer *et al.* (2009: 234); MolluscaBase (2023).

† *Limopsis waihaoensis* R.S. Allan, 1926
Allan, R.S., 1926a, p. 346, pl. 77, figs 8a, 8b.

Holotype: MA70400, articulated specimen, collected by R.S. Allan, from middle Eocene (Kaiatan) Waihao Greensand, McCulloch’s Bridge, Waihao, Canterbury, New Zealand.

Paratypes: MA73117, three articulated specimens, 12 right valves and 17 left valves, from the type locality.

Remarks: Right valve of holotype is articulated, but the left valve has been broken and repaired since the original type illustration.

Current name: *Limopsis waihaoensis* R.S. Allan, 1926 – Maxwell in: Spencer *et al.* (2009: 234); MolluscaBase (2023).

† *Limopsis (Limopsista) microps* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, pp. 24, 25, pl. 1, figs 12, 13.

Holotype: GNS TM 4175

Paratypes: MA72863, two left valves, collected from the type locality, the early Paleocene (lower Teurian) Wangaloa Formation, coast between Mitchells Rocks and Measly Beach, near Wangaloa, Otago, New Zealand.

Current name: *Limopsista microps* (Finlay & Marwick, 1937) – Maxwell in: Spencer *et al.* (2009: 234); MolluscaBase (2023).

Family PHILOBRYIDAE

Aupouria parvula Powell, 1937

Powell, A.W.B., 1937b, p. 165, pl. 45, fig. 1.

Holotype: NHM 1962918

Paratypes: MA71877, six right valves, 14 left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: The type for the genus.

Current name: *Aupouria parvula* Powell, 1937 – MolluscaBase (2023).

† *Cosa kaawaensis* Laws, 1936

Laws, C.R., 1936a, p. 48, pl. 9, figs 9, 12, 16.

Holotype: MA70207, left valve, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, Waikato, New Zealand.

Paratypes: MA72687, ten right valves and 11 left valves; MA73661, one figured right valve; all from the type locality.

Remarks: MA70207 contained unrelated left and right valves. Laws (1936a: 48) gave the dimensions of the holotype as dorso-ventral, 2.1 mm; antero-posterior, 1.6 mm, which is correct for the left valve. The right valve is much smaller, but was figured by Laws as part of the holotype in figs 9 and 12. Blom (2016: 12) incorrectly referred to these specimens as syntypes. Laws quite specifically referred to a single holotype specimen and ‘about 30 paratypes’ and it must therefore be assumed that figs 9 and 12 were labelled in error as holotype. The right valve in these figures has now been registered as a figured paratype, MA73661.

Current name: *Cosa kaawaensis* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

Cosa laevicostata Powell, 1933

Powell, A.W.B., 1933c, pp. 200, 201, pl. 18, figs 3, 4.

Holotype: MA70208, right valve, collected by A.W.B. Powell in February 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Paratypes: MA71428, two articulated specimens, 27 right valves, 23 left valves, from the type locality.

Current name: *Cosa laevicostata* Powell, 1933 – MolluscaBase (2023).

Cosa serratocostata Powell, 1933

Powell, A.W.B., 1933c, pp. 201, 202, pl. 18, figs 1, 2.

Holotype: MA70209, left valve, collected by A.W.B. Powell in February 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Paratypes: MA72419, ten right valves, six left valves, from the type locality.

Current name: *Cosa serratocostata* Powell, 1933 – MolluscaBase (2023).

Cosa serratocostata dispar Powell, 1937

Powell, A.W.B., 1937b, pp. 165, 166, pl. 45, fig. 7.

Holotype: NHM 1962920

Paratypes: MA71879, five right valves, four left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Cosa dispar* Powell, 1937 – MolluscaBase (2023).

† *Cosa wanganuica* Finlay, 1930

Finlay, H.J., 1930b, p. 49, pl. 5, figs 75–77.

Holotype: MA70210, left valve, collected from Early–Middle Pleistocene (Castlecliffian) sediments, Castlecliff, Manawatū-Whanganui, New Zealand.

Paratypes: MA72442, 79 right valves, 97 left valves; MA72453, two right valves, from the type locality.

Current name: *Cosa wanganuica* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

Cratis delicatula Powell, 1937

Powell, A.W.B., 1937b, pp. 166, 167, pl. 45, fig. 3.

Holotype: NHM 1962924

Paratypes: MA71880, 21 right valves, 14 left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Cratis delicatula* Powell, 1937 – MolluscaBase (2023).

† *Cratis miocenica* Laws, 1936

Laws, C.R., 1936a, p. 49, pl. 10, figs 18, 20.

Holotype: MA70216, right valve, collected from the middle Miocene (Waiauan) of the Park Bluff Sandstone, [Finlay’s bed 8 (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Remarks: Finlay's subdivision of Clifden beds 7 and 8 cannot be identified with confidence (Fleming *et al.* 1969: 77).

Current name: *Cratis miocenica* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

† *Cratis pliocenica* Laws, 1936

Laws, C.R., 1936a, pp. 48, 49, pl. 9, figs 13–15.

Syntypes: MA70217, unrelated right and left valves, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Remarks: Laws (1936a: 49) gave the dimensions of the holotype as height, 2.2 mm; length, 2.0 mm, which is correct for the right valve. The left valve is smaller, but figured as holotype in figs 13 and 14. A third specimen, a small, worn juvenile left valve, was removed from the vial and put into the general collections (MA119035).

Current name: *Cratis pliocenica* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

Cratis retiararia Powell, 1937

Powell, A.W.B., 1937b, p. 166, pl. 45, fig. 4.

Holotype: NHM 1962922

Paratypes: MA71878, 15 right valves, eight left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Cratis retiararia* Powell, 1937 – MolluscaBase (2023).

Hochstetteria acutangula Powell, 1935

Powell, A.W.B., 1935c, p. 257, pl. 28, fig. 4.

Holotype: MA70358, disarticulated specimen, collected from fish stomach in 1924 by J. Bollons, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA71401, one articulated specimen, three right valves, five left valves, collected as for holotype.

Current name: *Philobrya acutangula* (Powell, 1935) – MolluscaBase (2023).

† *Hochstetteria kaawa* Laws, 1936

Laws, C.R., 1936a, p. 47, pl. 9, figs 10, 11.

Holotype: MA70359, right valve, collected by C.R. Laws, from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Philobrya kaawa* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

Hochstetteria munita Finlay, 1930

Finlay, H.J., 1930c, p. 245, pl. 44, figs 28–30.

Holotype: MA70360, left valve, collected by A.W.B. Powell, from under small stones in direct contact with sand, half to low tide, Tryphena, Great Barrier Island, New Zealand.

Paratypes: MA72593, five articulated specimens, two right valves, from the type locality.

Current name: *Philobrya munita* (Finlay, 1930) – Powell (1979: 367); MolluscaBase (2023).

Hochstetteria pictada Finlay, 1930

Finlay, H.J., 1930c, p. 245, pl. 44, figs 22–24.

Lectotype (designated here): MA73687, right valve, collected from 91 m (50 fathoms) depth, 16 km (10 miles) ENE off Otago Heads [Taiaroa Head], Otago, New Zealand.

Paralectotypes: MA70361, unrelated right and left valves; MA72592, one articulated specimen, six right valves, six left valves, from the type locality.

Remarks: Finlay (1930c) figured the holotype (figs 22, 23) and a paratype (fig. 24). However, figs 22 and 23 are clearly of different specimens. The specimen shown in fig. 22 has not been found, but in the 1990s the specimens shown in figs 23 and 24 were separated out as primary types. This was an error as Finlay labelled them as holotype (fig. 23) and paratype (fig. 24). In addition, neither specimen conforms to the measurements given by Finlay. As a primary type agreeing with Finlay's description and measurements cannot be distinguished, the specimens in lots MA70361 and MA72592 must therefore be treated as syntypes.

In the interest of taxonomic stability, a specimen, MA73687, has been selected here from lot MA72592 and is here designated lectotype. It has measurements closest to those given by Finlay (1930c: 245) and most closely approximates in shape the specimen shown in Finlay's fig. 22. The remaining specimens in MA70361 (two) and MA72592 (13) are paralectotypes.

Current name: *Philobrya pictada* (Finlay, 1930) – Powell (1979: 367); MolluscaBase (2023).

† *Hochstetteria pinctagrina* Laws, 1936

Laws, C.R., 1936a, p. 47, pl. 9, figs 2, 3, 6.

Syntypes: MA70362, unrelated right and left valves, collected by C.R. Laws, from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Remarks: Laws selected an odd right and left valve to serve as primary types.

Current name: *Philobrya pinctagrina* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

Hochstetteria sculpturalis Dell, 1956

Dell, R.K., 1956a, pp. 17, 18, pl. 3, figs 21, 22.

Holotype: NMNZ M.009761

Paratype: MA72742, right valve, collected by MV *Alert* on 1 February 1954, from the type locality, from 238 m (130 fathoms) depth, east of the Forty Fours, Chatham Rise, New Zealand.

Current name: *Philobrya sculpturalis* (Dell, 1956) – MolluscaBase (2023).

† *Hochstetteria tela* Laws, 1936

Laws, C.R., 1936a, p. 47, pl. 9, figs 5, 7, 8.

Syntypes: MA70363, two right valves, collected by C.R. Laws, from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Remarks: Laws (1936a: 47) referred to ‘Type in writer’s collection’, and figs 5, 7 and 8 are captioned holotype although they clearly show two different specimens. He mentioned that two right valves were collected, and as for *Hochstetteria pintagrana* he may have intentionally chosen both to serve as primary types.

Current name: *Philobrya tela* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

Lissarca exilis Suter, 1913

Suter, H., 1913a, p. 855, pl. 51, fig. 11.

Lectotypification in Boreham, A., 1959, p. 7.

Lectotype: GNS TM 128

Paralectotypes: MA72781, 23 right valves, 17 left valves, dredged by J. Bollons, from the type locality, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Remarks: The specimens were exchanged in 1931 with Whanganui Museum.

Current name: *Lissarca exilis* Suter, 1913 – MolluscaBase (2023).

Lissarca pileopsis Powell, 1927

Powell, A.W.B., 1927a, p. 120, pl. 22, figs 3, 4.

Holotype: CM M857

Paratypes: MA72348, two articulated specimens, 13 right valves, five left valves, dredged from the type locality, by a private scientific party in December 1908, off the steamer *Rakiura* in 311 m (170 fathoms) depth, off Puysegur Point, Southland, New Zealand.

Current name: *Adacnarca pileopsis* (Powell, 1927) – MolluscaBase (2023).

Lissarca pisum Suter, 1913

Suter, H., 1913a, pp. 855, 856, pl. 51, fig. 12.

Lectotypification in Boreham, A., 1959, p. 7.

Lectotype: GNS TM 139

Paralectotypes: MA72785, five right valves, eight left valves, dredged by J. Bollons, from the type locality, from 91 m (50 fathoms) depth, The Bounty Islands, ~650 km SSE of Dunedin, New Zealand.

Remarks: The specimens were exchanged in 1931 with Whanganui Museum.

Current name: *Lissarca pisum* Suter, 1913 – MolluscaBase (2023).

Lissarca stewartiana Powell, 1935

Powell, A.W.B., 1935c, p. 255, pl. 28, fig. 3.

Holotype: MA70414, left valve, collected by R.H. Harrison, from shell sand from Mason Bay, Stewart Island/Rakiura, New Zealand.

Paratype: MA71399, a right valve, from the type locality.

Current name: *Lissarca stewartiana* Powell, 1935 – MolluscaBase (2023).

† *Verticipronus stirps* Laws, 1936

Laws, C.R., 1936a, p. 52, pl. 10, figs 25, 26.

Holotype: MA70837, left valve, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Verticipronus stirps* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

Order PTERIIDA

Superfamily PTERIOIDEA

Family PTERIIDAE

† *Electroma intacta* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 25, pl. 1, figs 2, 7, 8.

Holotype: MA73346, left valve, collected from the early Paleocene (lower Teurian) of Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Electroma intacta* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

† *Isognomon oneroaensis* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 400, 401, pl. 44, fig. 69; pl. 49, fig. 106.

Holotype: MA72072, right valve with damaged and eroded hinge, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Remarks: Powell (1938a) wrote that the finding of subsequent material showed that the holotype and paratype of *Isognomon oneroaensis* were in fact not the same species. While the paratype was indeed an *Isognomon*, the holotype was considered to belong to the genus *Pteria* (see *Pteria oneroaensis* below). The figured paratype specimen was indicated as *Isognomon* n.sp. and was considered too fragmentary to name.

Current name: *Pteria oneroaensis* (Powell & Bartrum, 1929) – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

† *Pteria oneroaensis* (Powell & Bartrum, 1929)

Powell, A.W.B., 1938a, pp. 365, 366, pl. 38, fig. 4 (neotype).

Neotype: MA70645, right valve, collected by C.A. Fleming from the early Miocene (Otaian) Tipakuri Formation at ‘Fossil Bay’ just south of Church Bay (sometimes known as Squadron Bay), Waiheke Island, Auckland, New Zealand.

Remarks: Specimens found after 1929 showed that the holotype and paratype of *Isognomon oneroaensis*

Powell & Bartrum, 1929 were in fact two separate species. While the paratype was indeed an *Isognomon*, the holotype was considered to belong to the genus *Pteria*. Therefore, Powell (1938a) selected a better-preserved specimen (MA70645) to be the neotype of *Pteria oneroanensis* (Powell & Bartrum, 1929) and included a further description for the species.

Current name: *Pteria oneroanensis* (Powell & Bartrum, 1929) – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

Order OSTREIDA

Superfamily OSTREOIDEA

Family OSTREIDAE

Ostrea charlottae Finlay, 1928

Finlay, H.J., 1928, p. 265, pl. 40, figs 25, 26.

Holotype: MA70578, articulated specimen, collected from Queen Charlotte Sound, Marlborough, New Zealand.

Current name: *Ostrea chilensis* Küster, 1844 – MolluscaBase (2023).

Ostrea hefferdi Finlay, 1928

Finlay, H.J., 1928, p. 265. Original description in Suter, 1913a, pp. 889, 890, pl. 57, fig. 4.

Syntype: MA70579, two attached specimens, collected from Otago Harbour, Otago, New Zealand.

Remarks: Finlay gave the name *Ostrea hefferdi* to a fossil species described and figured as *Ostrea tatei* by Suter (1913: 889, 890, pl. 57, fig. 4). He selected ‘as neotype an [extant] specimen in my collection from Dunedin Harbour’ (Finlay 1928: 265), but did so in error. He selected a name-bearing type for the new name *O. hefferdi* and not to replace the name-bearing type for the old name *O. tatei*. The specimen he selected should have been called a holotype. In addition, there are two specimens attached together and as Finlay did not indicate which one had primary type status they must both be treated as syntypes.

Current name: *Ostrea chilensis* Küster, 1844 – MolluscaBase (2023).

Family GRYPHAEIDAE

† *Ostrea (Gigantostrea) gittosina* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 401, 402, pl. 43, figs 64, 65.

Holotype: MA72109, right valve, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratype: MA71691, right valve from the type locality.

Remarks: The type material was compared with topotype specimens collected by AM staff from Te Hara Point (Te Akau), AM specimens from basal Waitemata Group sediments (Mathesons Bay and Kawau Island, e.g. Suter 1915), and the illustrations of specimens, including the holotype, figured in Beu and Maxwell

(1990) and Beu *et al.* (2012). Based on this comparison it is likely that *Crenostrea gittosina* is a junior synonym of *Pycnodonte wuellerstorfi* (Zittel, 1864) (H. Grenfell pers. comm. 2015).

Current name: *Crenostrea gittosina* (Powell & Bartrum, 1929) – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

Order PECTINIDA

Superfamily DIMYOIDEA

Family DIMYIDAE

Dimya maoria Powell, 1937

Powell, A.W.B., 1937b, p. 168, pl. 45, fig. 2.

Holotype: NHM 1962927

Paratypes: MA71881, 15 left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Dimya maoria* Powell, 1937 – MolluscaBase (2023).

Superfamily PECTINOIDEA

Family PECTINIDAE

Aequipecten (Corymbichlamys) iredalei Powell, 1958

Powell, A.W.B., 1958a, pp. 68, 69, text fig. 2; pl. 11, figs 1, 2.

Holotype: NHMD 76426

Paratypes: MA71971, one right valve and two unrelated left valves collected on 3 March 1952, from the type locality, station 675, Danish *Galathea* Expedition, in 58–64 m depth, off Raoul Island, Rangitāhua/Kermadec Islands, New Zealand.

Current name: *Annachlamys iredalei* (Powell, 1958) – Dijkstra and Marshall (2008: 47); MolluscaBase (2023).

† *Ambonychia hailesensis* Eagle, 1999

Eagle, M.K., 1999a, pp. 557–562, pl. 41, figs 2–7.

Holotype: MA73104, external mould of a right valve, collected from a float boulder from Dry Stream, Upper Takaka, northwest Nelson, New Zealand.

Paratype: MA73105, internal mould of a right valve; MA73106, external shell fragment, from the type locality.

Remarks: Eagle (1999a) described the species from a float boulder which he identified as being Arthur Marble of late Ordovician (Ashgillian) age. However, Maxwell in Spencer *et al.* (2009), p. 170, stated that ‘Based on the unwhitened specimens he figured, it is difficult to tell if the specimens belong to *Ambonychia*. *Ambonychia* has simplicicostate ribs, and Eagle’s fig. 7 shows multicostate ribs. Matrix from the boulder has subsequently yielded Paleogene foraminifers’. A further

comment on p. 253 added that ‘the lithology is that of Takaka Limestone (Waitakian) (pers. comm. C. Jones, R.E. Fordyce, pers. obs.). The species seems to be based on a fragment of a pectinid, but the assignment to ‘*Chlamys*’ is purely pragmatic.’

Current name: ‘*Chlamys*’ *hailesensis* (Eagle, 1999) – Maxwell in Spencer *et al.* (2009: 253).

***Chlamys celator* Finlay, 1928**

Finlay, H.J., 1928, pp. 268, 269, pl. 42, figs 49, 50.

Holotype: MA70166, articulated specimen, collected from Stewart Island/Rakiura, New Zealand.

Current name: *Talochlamys zelandiae* (Gray, 1843) – Powell (1979: 378); MolluscaBase (2023).

***Chlamys kiwaensis* Powell, 1933**

Powell, A.W.B., 1933h, pp. 371, 372, pl. 40, figs 1–5.

Holotype: MA70167, articulated specimen, collected by W. Foster in 1931 from deep-sea cable in 1097–1280 m (600–700 fathoms) depth, on the CS *Recorder*, about 640 km (400 miles) west of New Plymouth, Taranaki, New Zealand.

Paratypes: MA71422, two articulated specimens and one right valve, from the type locality.

Current name: *Veprichlamys kiwaensis* (Powell, 1933) – MolluscaBase (2023).

***Chlamys suprasilis* Finlay, 1928**

Finlay, H.J., 1928, p. 269, pl. 43, figs 52–55.

Holotype: MA70168, a live-collected specimen, from ‘rubbish scraped from the bottom of a ship which had been in dock for several years’, Port Chalmers, Otago, New Zealand.

Current name: *Talochlamys zelandiae* (Gray, 1843) – Powell (1979: 378); MolluscaBase (2023).

***Chlamys (Mimachlamys) asperrimoides* Powell, 1958**

Powell, A.W.B., 1958a, p. 70, text fig. 3; pl. 11, figs 3, 4.

Holotype: MA71235, articulated specimen, collected in 1931 from cable in 82–91 m (45–50 fathoms) depth by W. Foster, on the CS *Recorder*, south of Norfolk Island, Australia.

Paratypes: MA71906, one articulated specimen and three left valves, from the type locality.

Current name: *Mimachlamys sanguinea* (Linnaeus, 1758) – MolluscaBase (2023).

***Chlamys (Mimachlamys) taiaroa* Powell, 1952**

Powell, A.W.B., 1952b, pp. 169, 170, pl. 35, fig. 1.

Holotype: MA71183, articulated specimen, trawled by J. Black from 91–128 m (50–70 fathoms) depth, off the eastern coast of Otago, New Zealand.

Paratypes: MA71437, one articulated specimen, six right valves and three unrelated left valves, from the type locality.

Current name: *Talochlamys dichroa* (Suter, 1909) – MolluscaBase (2023).

† ***Notovola marwicki* Finlay, 1930**

Finlay, H.J., 1930b, pp. 52, 53, not figured.

Holotype: MA70546, **Plate 2a–d**, disarticulated right and left valves of a specimen, from the Early–Middle Pleistocene (Castlecliffian), Castlecliff, Manawatū–Whanganui, New Zealand.

Current name: *Pecten novaezelandiae* Reeve, 1852 – Dijkstra and Marshall (2008: 44); MolluscaBase (2023).

† ***Notovola tainui* Finlay, 1930**

Finlay, H.J., 1930b, pp. 51, 52, pl. 4, figs 46, 56; pl. 6, fig. 81.

Holotype: MA70547, articulated specimen, collected from the Early–Middle Pleistocene (Castlecliffian), Castlecliff, Manawatū–Whanganui, New Zealand.

Current name: *Pecten novaezelandiae* Reeve, 1852 – Dijkstra and Marshall (2008: 44); MolluscaBase (2023).

***Palliolium fosterianum* Powell, 1933**

Powell, A.W.B., 1933h, pp. 370, 371, pl. 40, figs 6, 7.

Holotype: MA70582, articulated specimen, collected [in 1931] from deep-sea cable in 1097–1280 m (600–700 fathoms) depth by W. Foster, on the CS *Recorder*, about 640 km (400 miles) west of New Plymouth, Taranaki, New Zealand.

Paratype: MA71427, articulated specimen, from the type locality.

Current name: *Delectopecten fosterianus* (Powell, 1933) – Powell (1979: 379); MolluscaBase (2023).

† ***Sectipecten allani* Marwick, 1928**

Marwick, J., 1928, p. 459, figs 13, 21.

Holotype: GNS TM 2762

Paratype: MA72598, right valve, collected from the type locality by J. Marwick in 1924 as member of an Otago Institute party, from the early Pliocene (Opoitian) Momoe-a-Toa Shellbed, 1.5 km SW of Cape Young, Chatham Island, New Zealand.

Current name: *Sectipecten allani* Marwick, 1928 – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

† ***Serripecten tahuiana* Laws, 1935**

Laws, C.R., 1935b, pp. 23, 24, pl. 4, fig. 2.

Holotype: MA70709, right valve, collected from middle Eocene (Bortonian) Waihao Greensand at McCulloch’s Bridge, Waihao, Canterbury, New Zealand.

Current name: *Serripecten tahuianus* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

Family PROPEAMUSSIIDAE

***Chlamydella favus lemchei* Powell, 1958**

Powell, A.W.B., 1958a, pp. 70, 71, pl. 9, figs 7, 8.

Holotype: NHMD BIV-000039

Paratypes: MA71975, 50 right valves and 21 unrelated left valves, collected on 3 March 1952, from the type

locality, station 674, Danish *Galathea* Expedition, in 75–85 m depth, off Raoul Island, Rangitāhua/Kermadec Islands, New Zealand.

Current name: *Cycloclamys lemchei* (Powell, 1958) – Dijkstra and Marshall (2008: 29); MolluscaBase (2023).

***Cyclopecten hexagonalis* Powell, 1958**

Powell, A.W.B., 1958c, p. 176, pl. 1, fig. 3.

Holotype: Repository not located.

Paratypes: MA71955, one damaged, live-collected specimen, seven left valves, collected from the type locality, station 39, during 1929–1931 British Australian New Zealand Antarctic Research Expedition, in 300 m depth, off Enderby Land, Australian Antarctic Territory.

Current name: *Cycloclamys hexagonalis* (Powell, 1958) – MolluscaBase (2023).

***Cyclopecten (Cycloclamys) aupouria* Powell, 1937**

Powell, A.W.B., 1937b, p. 167, pl. 47, figs 1, 2.

Holotype: NHM 1962926

Paratypes: MA72214, one articulated specimen, three right valves, three entire and three partial left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: The specimens are not conspecific and appear to belong to three species. The articulated specimen has two smooth valves and belongs to *Cycloclamys mestayerae*. The three right valves are similarly smooth but are likely to belong to *Cyclopecten secundus* (B.A. Marshall pers. comm. 2/7/15). The left valves are the only specimens that belong to *Cycloclamys aupouria*.

Current name: *Cycloclamys aupouria* (Powell, 1937) – Dijkstra and Marshall (2008: 22); MolluscaBase (2023).

Order LIMIDA

Superfamily LIMOIDEA

Family LIMIDAE

† *Ctenoides gracilissimus* Beu, 1967

Beu, A.G., 1967, pp. 94, 95, pl. 1, figs 1–4.

Holotype: VU, Geology Department.

Paratype: MA72850, left valve, collected from the type locality, Early Pleistocene (early Nukumaruan) *Lophelia* coral thicket in the Onoke Formation, about 800 m east of Lake Ferry, Palliser Bay, New Zealand.

Current name: *Ctenoides gracilissimus* Beu, 1967 – Beu (2011: 40); MolluscaBase (2023).

***Escalima regularis* Powell, 1955**

Powell, A.W.B., 1955, p. 27, not figured.

Powell, A.W.B., 1926a, p. 48, pl. 6, figs 1, 2.

Holotype: MA72204* (missing), collected from 180 m (100 fathoms) depth, off Lyttelton, New Zealand.

Remarks: The holotype specimen has not been sighted since at least 1993. The holotype was selected by Powell from material given to him in 1926 by Prof. Speight, Curator of the Canterbury Museum. It was figured as *Lima (Mantellum) murrayi* in Powell (1926a), and redescribed but not figured by Powell (1955) as *Escalima regularis*. Two further specimen lots from the original Speight material (MA14842 and MA64263) are in the AWMM general collections.

Current name: *Escalima regularis* Powell, 1955 – MolluscaBase (2023).

† *Lima marwicki* Powell, 1926

Powell, A.W.B., 1926a, pp. 48, 49, pl. 6, figs 3, 4.

Holotype: GNS TM 4276

Paratypes: MA72339, two right valves, collected by J. Marwick, from the type locality, the Early–Middle Pleistocene (Castlecliffian) Tainui Shellbeds at Castlecliff, Manawatū–Whanganui, New Zealand.

Remarks: Powell (1926a) stated ‘*Holotype* and 4 paratypes in collection of New Zealand Geological Survey; 1 paratype (27.5 x 19 x 6.5) in writer’s collection, Auckland’. However, two specimens were found in the present paratype lot, both of which closely matched the measurements given by Powell for the paratype in his possession.

Current name: *Limaria orientalis* (A. Adams & Reeve, 1850) – Beu and Raine (2009); MolluscaBase (2023).

***Limatula aupouria* Powell, 1937**

Powell, A.W.B., 1937b, pp. 168, 169, pl. 47, fig. 4.

Holotype: NHM 1962929

Paratypes: MA71882, two right valves, five left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Limatula aupouria* Powell, 1937 – MolluscaBase (2023).

† *Limatula maoria* Finlay, 1926

Finlay, H.J., 1926b, p. 454, pl. 22, figs 104–106.

Holotype: MA70396, right valve, collected from Early–Middle Pleistocene (Castlecliffian) sediments, Castlecliff, Manawatū–Whanganui, New Zealand.

Paratypes: MA73241, unrelated right and left valves, collected from 108 m (60 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Current name: *Limatula (Stabilima) maoria* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

† *Limatula pontis* Fleming, 1978

Fleming, C.A., 1978, pp. 55–57, fig. 27.

Holotype: MA71352, left valve, collected from middle–late Eocene (Kaiatan) Waihao Greensand, McCulloch’s Bridge, Waihao River, Canterbury, New Zealand.

Remarks: Fleming (1978) labelled the holotype a right valve, but MA71352, which is heavily pyritised and the same as the specimen in fig. 27, is in fact a left valve.

Current name: *Limatula pontis* Fleming, 1978 – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

***Limatula powelli powelli* Fleming, 1978**

Fleming, C.A., 1978, p. 54, figs 28, 30, 32–34, 36, 39.

Holotype: NMNZ M.058356

Paratypes: MA72720, unrelated right and left valves, collected from 132 m depth, Antipodes Islands, New Zealand.

Remarks: Although not labelled as paratypes, Fleming stated that paratypes from subantarctic localities were lodged with AWMM. As these are the only specimens of *L. powelli powelli* in AWMM's collections they are assumed to be the type material.

Current name: *Limatula powelli* Fleming, 1978 – MolluscaBase (2023).

† ***Limatula (Limatulella) japonica waitahana* Fleming, 1978**

Fleming, C.A., 1978, pp. 78, 79, figs 86, 87.

Holotype: GNS TM 5497

Paratype: MA73202, right valve, collected from the type locality, the middle–late Eocene (Kaiatan) Waiareka Volcanic Formation at the type locality near the disused Lorne railway station, Waiareka Valley, inland from Oamaru, New Zealand.

Current name: *Limatula (Limatulella) waitahana* Fleming, 1978 – Maxwell in: Spencer *et al.* (2009: 235); MolluscaBase (2023).

Order UNIONIDA

Superfamily HYRIOIDEA

Family HYRIIDAE

***Echyriddella onekaka* Fenwick & B.A. Marshall, 2006**

Fenwick, M.C. and B.A. Marshall, 2006, pp. 70–73, figs 1A–D, 2A.

Holotype: NMNZ M.183157

Paratype: MA73307, two disarticulated specimens, collected in 2005, from the type locality, from an artificial pond fed from Dogan Creek, a tributary of Onekaka River, south of Collingwood, Tasman, New Zealand.

Current name: *Echyriddella onekaka* Fenwick & B.A. Marshall, 2006 – MolluscaBase (2023).

Order LUCINIDA

Superfamily LUCINOIDEA

Family LUCINIDAE

† ***Anodontia (Anodontia) waharoaensis* Eagle, 1992**

Eagle, M.K., 1992, pp. 104–107, figs 2–5, 10.

Holotype: MA72308, articulated fossil specimen,

collected by M.K. Eagle in May 1992, from the early Miocene (Altonian) Tirikohua Formation, from Te Waharoa Bay, south of Muriwai, Auckland, New Zealand.

Paratypes: MA72309, six fragments of internal moulds, from the type locality.

Current name: *Anodontia waharoaensis* Eagle, 1992 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

***Epicodakia neozelanica* Powell, 1937**

Powell, A.W.B., 1937b, p. 171, pl. 46, fig. 8.

Holotype: NHM 1962940

Paratypes: MA72213, four right and four unrelated left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: This type material includes one right and two left valves which belong to *Bathythaerus cuneatus*.

Current name: *Epicodakia neozelanica* Powell, 1937 – MolluscaBase (2023).

† ***Eulopia (Notomyrtea) microlirata* Finlay & Marwick, 1937**

Finlay, H.J. and J. Marwick, 1937, p. 29, pl. 3, fig. 9.

Holotype: MA70298, right valve, collected from the early Paleocene (lower Teurian) of Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Myrtea microlirata* (Finlay & Marwick, 1937) – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

† ***Miltha (Milthoidea) agilis* Finlay & Marwick, 1937**

Finlay, H.J. and J. Marwick, 1937, pp. 27, 28, pl. 3, figs 3, 6, 10.

Holotype: MA73358, internal mould with shell remnants, collected from the early Paleocene (lower Teurian) of Boulder Hill, near Dunedin, Otago, New Zealand.

Paratype: MA73359, left valve, from the type locality.

Current name: *Miltha agilis* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

† ***Myrtea maoria* Powell, 1935**

Powell, A.W.B., 1935d, pp. 330, 331, pl. 76, fig. 2.

Holotype: MA72101, left valve, collected from the early Miocene (Altonian) Nihotupu Formation, between Powell and Bartrum Bays, approximately 2 km south of Muriwai Beach, west Auckland, New Zealand.

Current name: *Myrtea maoria* Powell, 1935 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

† ***Myrtea (Lucinoma) taylori* Powell, 1935**

Powell, A.W.B., 1935d, p. 331, pl. 76, fig. 3.

Holotype: MA72102, articulated specimen, collected from large fallen blocks of early Miocene (Altonian)

Nihotupu Formation, southern end of Maukatia Bay, south of Muriwai, Auckland, New Zealand.

Current name: *Lucinoma taylori* (Powell, 1935) – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

† *Pteromyrtea motutaraensis* Powell, 1935

Powell, A.W.B., 1935d, pp. 331, 332, pl. 76, fig. 4.

Holotype: MA72123, articulated specimen, collected from large fallen blocks of early Miocene (Altonian) Nihotupu Formation, southern end of Maukatia Bay, south of Muriwai Beach, west Auckland, New Zealand.

Paratypes: MA71382, right valve and associated internal mould, from the type locality.

Current name: *Pteromyrtea motutaraensis* Powell, 1935 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

† *Pteromyrtea obesa* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 28, pl. 3, figs 7, 8.

Holotype: MA73345, right valve, collected from the early Paleocene (lower Teurian) of Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Pteromyrtea obesa* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

Superfamily THYASIROIDEA

Family THYASIRIDAE

Maorithyas flemingi Powell, 1955

Powell, A.W.B., 1955, p. 34, pl. 1, fig. 1.

Holotype: GNS TM 303

Paratypes: MA72376, eight right and six left valves, collected from the type locality, 'Cape Expedition' dredge station No. 2, from 16 m (9 fathoms) depth, Tagua Cove, Carnley Harbour, Auckland Islands, New Zealand.

Current name: *Maorithyas flemingi* Powell, 1955 – MolluscaBase (2023).

† *Thyasira (Prothyasira) bartrumi* Powell, 1935

Powell, A.W.B., 1935d, pp. 332, 333, pl. 76, figs 5, 6.

Holotype: MA72151, articulated specimen, collected from the early Miocene (Altonian) Nihotupu Formation, between Powell and Bartrum Bays, approximately 2 km south of Muriwai Beach, west Auckland, New Zealand.

Paratypes: MA71384, three articulated specimens, from the type locality.

Current name: *Thyasira bartrumi* Powell, 1935 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

† *Thyasira (Prothyasira) motutaraensis* Powell, 1935

Powell, A.W.B., 1935d, p. 332, pl. 76, fig. 7.

Holotype: MA72152, articulated specimen, collected from the early Miocene (Altonian) Nihotupu

Formation, between Powell and Bartrum Bays, approximately 2 km south of Muriwai Beach, west Auckland, New Zealand.

Paratypes: MA71387, six articulated specimens, from the type locality.

Current name: *Thyasira motutaraensis* Powell, 1935 – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

Order CARDITIDA

Superfamily CARDITOIDEA

Family CARDITIDAE

Cardita aoteana Finlay, 1926

Finlay, H.J., 1926b, pp. 459, 460, pl. 22, figs 114, 115.

Holotype: MA70134, one articulated specimen, found attached to rocks at low tide level in Otago Harbour, Dunedin, New Zealand.

Paratype: MA72546, one articulated specimen, from the type locality.

Current name: *Cardita distorta* Reeve, 1843 – MolluscaBase (2023).

Cardita brookesi Finlay, 1926

Finlay, H.J., 1926b, p. 459, pl. 22, figs 116–118.

Holotype: MA70135, one articulated specimen, collected by A.E. Brookes, from Whangaroa Harbour, Northland, New Zealand.

Paratypes: MA72545, two articulated specimens, from the type locality.

Current name: *Powellina brookesi* (Finlay, 1926) – Huber (2010: 654); MolluscaBase (2023).

Cuna aupouria Powell, 1937

Powell, A.W.B., 1937b, p. 169, pl. 46, figs 1, 2.

Holotype: NHM 1962931

Paratypes: MA71883, one articulated specimen, 11 right and ten unrelated left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: The unrelated valves include one right and one left valve of *Hamacuna gibbosa* (Powell, 1937).

Current name: *Hamacuna aupouria* (Powell, 1937) – MolluscaBase (2023).

Cuna gibbosa Powell, 1937

Powell, A.W.B., 1937b, p. 170, pl. 46, fig. 4.

Holotype: NHM 1962935

Paratypes: MA71886, one articulated specimen, four right and ten unrelated left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Hamacuna gibbosa* (Powell, 1937) – MolluscaBase (2023).

† *Cuna kaawa* Laws, 1936

Laws, C.R., 1936a, p. 51, pl. 10, figs 24, 27.

Lectotype (designated here): MA70229, right valve, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paralectotypes: MA72689, eight right valves, five left valves; MA73691, one left valve; all from the type locality.

Remarks: Laws (1936a: 51) selected a left and right valve as the holotype and 32 paratypes. However, the ‘holotype’ specimens were from different individuals and Blom (2016: 23) interpreted these as syntypes. In the interest of taxonomic stability, the right valve in MA70229 is here designated lectotype, with MA71604 (13) and MA73691 (left valve formerly part of MA70229) being paralectotypes.

Current name: *Hamacuna kaawa* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

† *Cuna otagoensis* Powell, 1927

Powell, A.W.B., 1927a, pp. 120, 121, pl. 23, figs 7, 8.

Holotype: CM M869

Paratypes: MA72349, one articulated specimen, four right and seven unrelated left valves, dredged from the type locality by a private scientific party in December 1908, off the steamer *Rakiura* in 183 m (100 fathoms) depth, off Puysegur Point, Southland, New Zealand.

Current name: *Hamacuna otagoensis* (Powell, 1927) – MolluscaBase (2023).

† *Pleuromeris finlayi* Powell, 1938

Powell, A.W.B., 1938c, pp. 161, 162, pl. 39, figs 7, 8.

Holotype: MA70630, right valve, collected from the Early Pleistocene (Nukumaruan) blue clays, inner harbour, Napier, New Zealand.

Paratypes: MA71443, nine right and six unrelated left valves; MA73091, seven right and eight unrelated left valves; all from the type locality.

Current name: *Pleuromeris finlayi* Powell, 1938 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

† *Pleuromeris hectori* Powell, 1938

Powell, A.W.B., 1938c, pp. 160, 161, pl. 39, figs 9, 10.

Holotype: MA70631, right valve, collected by A.W.B. Powell, from the Early Pleistocene (Nukumaruan) Castlepoint Formation at the lighthouse reef, Castlepoint, Wairarapa, New Zealand.

Paratypes: MA72424, five right and two unrelated left valves, from the type locality.

Current name: *Pleuromeris hectori* Powell, 1938 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

† *Pleuromeris latiuscula* Powell, 1937

Powell, A.W.B., 1937b, pp. 170, 171, pl. 45, fig. 5.

Holotype: NHM 1962937

Paratypes: MA71887, seven articulated specimens, 83 right and 89 unrelated left valves, collected by A.W.B. Powell on 16 August 1932, from the type locality, station 930, RRS *Discovery II* cruise, in 29 m depth, off Waikuku Beach, North Cape, New Zealand.

Remarks: The paratype lot consisted of three vials. Two vials, one labelled as ‘Paratypes No. 1312’ and the other as ‘Paratypes. RRS *Discovery II*. Presented’ in what is presumed to be A.W.B. Powell’s handwriting have been retained as paratypes. A third vial showed it was collected during the *Discovery II* cruise from station 930 but came from C. Barker’s collection in 1963. It is not labelled as paratypes and has been removed to the general collection, as MA119551.

Current name: *Pleuromeris latiuscula* Powell, 1937 – MolluscaBase (2023).

† *Pleuromeris latiuscula benthicola* Powell, 1937

Powell, A.W.B., 1937b, p. 171, pl. 45, fig. 6.

Holotype: NHM 1962938

Paratypes: MA71888, one articulated specimen, 39 right and 35 unrelated left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: The paratype lot consisted of three vials. Only one vial contained a label marked ‘Paratypes No. 1313’ and has been retained as such. A second vial, also from station 933, was labelled as ‘AM 17345’ and ‘Presented by Discovery Committee’ in what is presumed to be A.W.B. Powell’s handwriting. Although this label lacked the word ‘paratypes’, the specimen lot has been retained with MA71888. A label with the third vial showed it was collected from *Discovery II* station 931. It has been removed to the general collection, as MA119552.

Current name: *Pleuromeris benthicola* Powell, 1937 – MolluscaBase (2023).

† *Pleuromeris murdochi* Powell, 1938

Powell, A.W.B., 1938c, p. 161, pl. 39, fig. 6.

Holotype: MA72117, left valve, collected by A.W.B. Powell, from the Early Pleistocene (Nukumaruan) Castlepoint Formation at the lighthouse reef, Castlepoint, Wairarapa, New Zealand.

Current name: *Pleuromeris murdochi* Powell, 1938 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

† *Pleuromeris ultima* Dell, 1956

Dell, R.K., 1956a, pp. 28, 29, pl. 3, figs 23–25.

Holotype: NMNZ M.009764

Paratypes: MA72758, two left valves, collected from the type locality, station 34, Chatham Island Expedition,

in 234 m depth, east of the Forty Fours, New Zealand.

Current name: *Pleuromeris ultima* Dell, 1956 – MolluscaBase (2023).

† *Venericardia fyfei* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, pp. 26, 27, pl. 3, figs 2, 4, 5.

Holotype: MA70821, left valve, collected from the early Paleocene (lower Teurian) of Boulder Hill, near Dunedin, Otago, New Zealand.

Paratypes: MA72858, one right and two left valves, from the type locality.

Current name: *Purpurocardia* (?) *fyfei* (Finlay & Marwick, 1937) – Maxwell in: Spencer *et al.* (2009: 236, 237); MolluscaBase (2023).

† *Venericardia lilliei* Fleming, 1943

Fleming, C.A., 1943, pp. 193, 194, pl. 28, figs 1, 2.

Holotype: GNS TM 4318

Paratypes: MA73198, unrelated right and left valves, collected from the type locality, the late Pliocene (Waipipian), from NZGS location 2314, east of Takapau, southern Hawke's Bay, New Zealand.

Remarks: The type locality is given as GS2314 which is a New Zealand Geological Survey (GNS Science) bulk fossil collection number. This corresponds to fossil record (FRED) number U23/f6362 and the grid reference for this plots on the western slope of a Te Aute Limestone ridge. However, it is not possible to resolve further the lithological unit from which the specimens were collected (Beu pers. comm. 2016).

Current name: *Purpurocardia lilliei* (Fleming, 1943) – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

Venericardia reinga Powell, 1933

Powell, A.W.B., 1933c, pp. 202, 203, pl. 17, figs 1, 2, 5.

Holotype: MA70822, articulated specimen, collected by W.H. Webster, from Te Werahi Beach, south of Cape Reinga, Northland, New Zealand.

Remarks: Three paratypes are listed in the original description, but could not be identified from material held in the AWMM collections. Figure 5 is wrongly labelled as holotype, which it does not match.

Current name: *Purpurocardia reinga* (Powell, 1933) – MolluscaBase (2023).

† *Venericardia* (*Megacardita*) *squadronensis* Powell, 1938

Powell, A.W.B., 1938a, p. 367, pl. 38, figs 10–12.

Holotype: MA72162, incomplete left valve, collected by A.W.B. Powell, from the early Miocene (Otaian) Tipakuri Formation at 'Fossil Bay' just south of Church Bay (sometimes known as Squadron Bay), Waiheke Island, Auckland, New Zealand.

Paratypes: MA71709, MA71710, MA71716, all single right valves, from the type locality.

Current name: *Megacardita squadronensis* (Powell, 1938) – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

Family CONDYLOCARDIIDAE

Benthocardiella hamatadens Powell, 1930

Powell, A.W.B., 1930b, pp. 539, 540, text figs 7–9.

Lectotype (designated here): MA70097, an articulated specimen, collected by W. La Roche in 1922, from 11–18 m (6–10 fathoms) depth, 'Mangonui Heads', Doubtless Bay, New Zealand.

Paralectotypes: MA71458, seven articulated specimens, four right and eight left valves; MA73662, one right valve; all from the type locality.

Remarks: Powell's holotype illustrations included drawings of the interior and exterior aspects of a right and left valve and cannot therefore be solely based on the articulated specimen and right valve originally found in MA70097 (Blom 2016). Therefore, as Powell failed to conclusively select a holotype specimen, the articulated specimen in MA70097 is here designated the lectotype and the right valve is a paralectotype registered as MA73662. The 19 specimens in MA71458 must now also be considered paralectotypes. Specimens in MA70097 and MA73662 show signs of glass disease.

Current name: *Benthocardiella hamatadens* Powell, 1930 – MolluscaBase (2023).

Benthocardiella obliquata Powell, 1930

Powell, A.W.B., 1930b, p. 538, text figs 4–6.

Holotype: MA70098, left valve, collected by W. La Roche in 1922, from 11–18 m (6–10 fathoms) depth, 'Mangonui Heads', Doubtless Bay, New Zealand.

Paratype: MA71457, 19 articulated specimens, five right and three left valves, from the type locality.

Remarks: Powell's holotype illustrations included drawings of the interior aspect of a right and left valve and cannot therefore be solely based on the single left valve in MA70098.

Current name: *Benthocardiella obliquata obliquata* Powell, 1930 – MolluscaBase (2023).

Benthocardiella obliquata bountyensis Powell, 1933

Powell, A.W.B., 1933e, p. 33, text fig. 1.

Holotype: CM M5319

Paratypes: MA72368, two right and one left valve, dredged by J. Fairchild on 1 June 1893, from the type locality, from 311 m (170 fathoms) depth, off the Bounty Islands, New Zealand.

Remarks: MA72368 shows signs of glass disease.

Current name: *Benthocardiella obliquata bountyensis* Powell, 1933 – MolluscaBase (2023).

Benthocardiella obliquata chathamensis Powell, 1933

Powell, A.W.B., 1933i, pp. 190, 191, pl. 34, fig. 2.

Holotype: MA70100, an articulated specimen, collected from shell sand, Waitangi, Chatham Islands, New Zealand.

Paratype: MA71991, two articulated specimens and one right valve, from the type locality.

Remarks: Both valves of the holotype are badly damaged by glass disease, and the paratypes also show signs of this.

Current name: *Benthocardiella obliquata chathamensis* Powell, 1933 – MolluscaBase (2023).

***Benthocardiella orbicula* Powell, 1930**

Powell, A.W.B., 1930b, pp. 538, 539, text figs 1–3.

Holotype: MA70099, right and left valves, collected by W. La Roche in 1922 from 11–18 m (6–10 fathoms) depth, ‘Mangonui Heads’, Doubtless Bay, New Zealand.

Paratype: MA71421, an articulated specimen, from the type locality.

Remarks: Both valves of the holotype are damaged by glass disease.

Current name: *Benthocardiella orbicula* Powell, 1930 – MolluscaBase (2023).

***Benthocardiella pusilla* Powell, 1930**

Powell, A.W.B., 1930a, pp. 533, 534, pl. 60, figs 4, 5.

Holotype: MA70101, collected by W. La Roche in 1927, from 18–22 m (10–12 fathoms) depth, off Whanganui, New Zealand.

Paratypes: MA71391, 43 articulated specimens, three right and four left valves, from the type locality.

Remarks: The holotype has been almost completely destroyed by glass disease, and the paratypes also show some signs. Type for the genus.

Current name: *Benthocardiella pusilla* Powell, 1930 – MolluscaBase (2023).

***Benthocardiella rakiura* Powell, 1939**

Powell, A.W.B., 1939, pp. 223, 224, pl. 48, fig. 6.

Holotype: MA70102, right and left valves, collected by A.W.B. Powell in November 1934, from beach drift, ‘Old Neck Beach’, presumed here to be The Neck, Paterson Inlet, Stewart Island/Rakiura, New Zealand.

Paratypes: MA71543, six articulated specimens, 13 right and 12 left valves, from the type locality.

Remarks: The holotype has been severely damaged by glass disease.

Current name: *Benthocardiella rakiura* Powell, 1939 – MolluscaBase (2023).

***Condylocardia mernoo* Dell, 1952**

Dell, R.K., 1952a, pp. 412, 413, pl. 84, fig. 1.

Holotype: NMNZ M.005498

Paratypes: MA72766, two left valves, collected by the NZGS *Matai* in November 1936, from the type locality, from 95 m (52 fathoms) depth, Mernoo Bank (43°21’S, 175°E), approx. 144 km north east of Godley Head, Canterbury, New Zealand.

Remarks: Both valves damaged by glass disease.

Current name: *Condylocuna mernoo* (Dell, 1952) – MolluscaBase (2023).

***Condylocardia pectinata chathamensis* Powell, 1933**

Powell, A.W.B., 1933i, p. 189, pl. 33, fig. 8.

Holotype: MA70197, right and left valves, collected by A.W.B. Powell in February 1933, from shell sand, Waitangi, Chatham Islands, New Zealand.

Paratypes: MA72799, two articulated specimens, from the type locality.

Remarks: Both valves of the holotype are damaged by glass disease.

Current name: *Condylocardia pectinata chathamensis* Powell, 1933 – MolluscaBase (2023).

***Cuna compressidens* Powell, 1933**

Powell, A.W.B., 1933b, pp. 194, 195, pl. 16, fig. 1.

Holotype: MA70226, right and left valves, collected by W. La Roche in 1922, from 11 m (6 fathoms) depth, off Mangonui, Doubtless Bay, Northland, New Zealand.

Paratypes: MA72433, three articulated specimens, ten 10 right and ten left valves, from the type locality.

Current name: *Cuna compressidens* Powell, 1933 – MolluscaBase (2023).

† ***Cuna crassicardo* Laws, 1936**

Laws, C.R., 1936a, p. 51, pl. 10, figs 21, 22.

Holotype: MA70227, right valve, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Cuna crassicardo* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 237).

† ***Cuna fictilia* Laws, 1936**

Laws, C.R., 1936a, pp. 50, 51, pl. 10, figs 19, 23.

Holotype: MA70228, right and left valves, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratypes: MA72688, two articulated individuals, 21 right valves, 25 left valves, from the type locality.

Current name: *Cuna fictilia* Laws, 1936 – Beu and Raine (2009); MolluscaBase (2023).

***Cuna laqueus* Finlay, 1926**

Finlay, H.J., 1926b, p. 459, pl. 21, figs 90–92.

Holotype: MA70230, right valve, dredged by J. Bollons from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratypes: MA72544, right and left valves, from the type locality.

Current name: *Cuna laqueus* Finlay, 1926 – MolluscaBase (2023).

***Cuna manawatawhia* Powell, 1937**

Powell, A.W.B., 1937b, pp. 169, 170, pl. 46, fig. 5.

Holotype: NHM 1962934

Paratypes: MA71885, four right and one left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off the Manawatawhi/Three Kings Islands, New Zealand.

Current name: *Cuna manawatawhia* Powell, 1937 – MolluscaBase (2023).

***Cuna mayi* Powell, 1930**

Powell, A.W.B., 1930a, pp. 532, 533, pl. 60, figs 1, 2.

Holotype: MA70231, disarticulated right and left valves of the same specimen, collected by W. La Roche in 1927, from 18–22 m (10–12 fathoms) depth, off Whanganui, New Zealand.

Paratypes: MA71390, nine articulated specimens, eight right and nine left valves; MA73390, a right valve, all from the type locality.

Remarks: The figured paratype was stored with the holotype but has been removed and given a separate registration number, MA73390. The holotype was originally figured as an articulated specimen.

Current name: *Cuna mayi* Powell, 1930 – MolluscaBase (2023).

***Cuna mendica* Dell, 1952**

Dell, R.K., 1952d, p. 103, figs 8, 9.

Holotype: NMNZ M.005553

Paratypes: MA72768, four right valves, collected from *Globigerina* ooze, from the type locality, RRS *Discovery II* cruise, in 536 m depth, Lord Howe Rise, Tasman Sea.

Current name: *Cuna mendica* Dell, 1952 – MolluscaBase (2023).

***Cuna waikukuensis* Powell, 1937**

Powell, A.W.B., 1937b, p. 169, pl. 46, fig. 3.

Holotype: NHM 1962933

Paratypes: MA71884, three right and two left valves, collected by A.W.B. Powell on 16 August 1932, from the type locality, station 930, RRS *Discovery II* cruise, in 29 m depth, off Waikuku Beach, North Cape, New Zealand.

Remarks: Some of the valves are showing signs of glass disease.

Current name: *Cuna waikukuensis* Powell, 1937 – MolluscaBase (2023).

Superfamily CRASSATELLOIDEA**Family CRASSATELLIDAE****† *Crassatellites tripliciter* Laws, 1935**

Laws, C.R., 1935b, p. 23, pl. 4, figs 1, 1a.

Syntypes: MA70215, one articulated but damaged specimen; MA72672, a slightly damaged left valve, both collected from the middle Eocene (Bortonian) Waihao Greensand at Waihao Downs, Canterbury, New Zealand.

Remarks: MA70215 was labelled as the holotype, and lots MA72672 and MA72670 were labelled as paratypes. However, in the original description Laws wrote that ‘this species is represented by two fragmentary specimens’ which are both figured as holotype in pl. 4 (MA70215 as fig. 1 and MA72672 as fig. 1a). As there is no further mention of the holotype, MA70215 and MA72672 should be treated as syntypes. The additional two specimens in MA72670 cannot be paratypes.

Current name: *Triplicitella australis* (F.W. Hutton, 1873) – Collins *et al.* (2015: 119 – 121); MolluscaBase (2023).

† *Eucrassatella marshalli* Powell, 1931

Powell, A.W.B., 1931a, pp. 93, 94, pl. 12, figs 21, 22.

Syntypes: MA70287, unrelated right and left valves of very similar size, collected by A.W.B. Powell in January 1931, from late Pliocene (Waipipian) lower Waipipi Shellbed, Waipipi coast near Waverley, about 1.2 km west of the mouth of the Wairoa Stream, New Zealand.

Current name: *Eucrassatella marshalli* Powell, 1931 – Collins *et al.* (2015: 112 – 114); MolluscaBase (2023).

† *Spissatella acculta* Finlay, 1926

Finlay, H.J., 1926a, p. 257, not figured.

Holotype: MA70722, Plate 1e, f, right valve, collected from the late Oligocene (Duntroonian) Wharekuri Greensand, true left bank of the Waitaki River, 1.6 km below Wharekuri (site now submerged beneath Lake Waitaki), north Otago, New Zealand.

Current name: *Spissatella acculta* Finlay, 1926 – Collins *et al.* (2015: 115, 116); MolluscaBase (2023).

† *Spissatella clifdenensis* Finlay, 1926

Finlay, H.J., 1926a, p. 258, not figured.

Holotype: MA70723, Plate 1g, h left valve, collected from early Miocene (Altonian) Fouraye Siltstone, [Finlay’s bed 4B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Spissatella clifdenensis* Finlay, 1926 – Collins *et al.* (2015: 116, 117); MolluscaBase (2023).

† *Spissatella discrepans* Finlay, 1926

Finlay, H.J., 1926a, pp. 256, 257, pl. 59, fig. 10.

Holotype: MA70724, left valve, probably collected by J. Park, from late Oligocene–early Miocene (Duntroonian) Bob’s Cove Beds, Bob’s Cove, Lake Wakatipu, South Island, New Zealand.

Current name: *Spissatella acculta* Finlay, 1926 – Collins *et al.* (2015: 115, 116); MolluscaBase (2023).

† *Spissatella poroleda* Finlay, 1926

Finlay, H.J., 1926a, p. 257, pl. 59, fig. 11.

Holotype: MA70725, right valve, collected from the late Oligocene (Duntroonian) Chatton Formation, Chatton, Southland, New Zealand.

Current name: *Spissatella poroleda* Finlay, 1926 – Collins *et al.* (2015: 118); MolluscaBase (2023).

† *Spissatella scopalveus* Finlay, 1926

Finlay, H.J., 1926a, p. 258, pl. 60, figs 7, 8.

Holotype: MA70726, left valve, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Mount Harris Formation, Oamaru, New Zealand.

Paratype: MA71687, right valve, from the type locality.

Current name: *Eucrassatella scopalveus* (Finlay, 1926) – Collins *et al.* (2015: 114, 115); MolluscaBase (2023).

† *Spissatella scopalveus concisus* Finlay, 1926

Finlay, H.J., 1926a, p. 258, pl. 59, fig. 12.

Holotype: MA70727, right valve, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Oamaru, New Zealand.

Current name: *Eucrassatella scopalveus* (Finlay, 1926) – Collins *et al.* (2015: 114, 115); MolluscaBase (2023).

† *Talabrica nummaria* Powell, 1931

Powell, A.W.B., 1931a, pp. 109, 110, pl. 12, figs 19, 20.

Holotype: MA70754, disarticulated specimen, collected by A.W.B. Powell in January 1931, from the Early Pleistocene (Nukumaruan) uppermost lens of Nukumar Limestone, Nukumar Beach, Manawātū-Whanganui, New Zealand.

Paratype: MA71646, disarticulated specimen, from the type locality.

Current name: *Talabrica nummaria* Powell, 1931 – Maxwell in: Spencer *et al.* (2009: 237).

† *Talabrica senecta* Powell, 1931

Powell, A.W.B., 1931a, p. 109, pl. 12, figs 23, 24.

Holotype: MA70755, left valve, collected by A.W.B. Powell, from the Early Pleistocene (Nukumaruan) Castlepoint Formation at the lighthouse reef, Castlepoint, Wairarapa, New Zealand.

Paratypes: MA71903, five right valves, one left valve, from the type locality.

Current name: *Talabrica senecta* Powell, 1931 – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

Order VENERIDA

Superfamily CARDIOIDEA

Family CADIIDAE

† *Cardium gudexi* Laws, 1933

Laws, C.R., 1933, p. 316, pl. 30, figs 7, 14.

Holotype: MA70137, right valve, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand, Sutherlands, Tengawai River, South Canterbury, New Zealand.

Current name: *Maoricardium gudexi* (Laws, 1933) – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

† *Cardium oneroaensis* Powell, 1938

Powell, A.W.B., 1938a, p. 367, pl. 38, figs 7, 8.

Holotype: MA72039, left valve, collected by A.W.B. Powell, from the early Miocene (Otaian) Tipakuri Formation at 'Fossil Bay' just south of Church Bay (sometimes known as Squadron Bay), Waiheke, Auckland, New Zealand.

Current name: *Maoricardium oneroaense* (Powell, 1938) – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

† *Cardium (Trachycardium) cantuariense* Laws, 1933

Laws, C.R., 1933, p. 317, pl. 29, figs 1, 4, 5.

Holotype: MA70136, right valve, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand, Sutherlands, Tengawai River, South Canterbury, New Zealand.

Paratypes: MA72659, right valve; MA72660, left valve; both from the type locality.

Current name: *Hedecardium (Titanocardium) cantuariense* (Laws, 1933) – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

Trachycardium (Vasticardium) sorenseni Powell, 1958

Powell, A.W.B., 1958a, p. 76, pl. 11, figs 6, 7.

Holotype: MA71236, right valve, collected by J. H. Sorensen in 1944, from Denham Bay, Raoul Island, Rangitāhua/Kermadec Islands, New Zealand.

Current name: *Acrosterigma sorenseni* (Powell, 1958) – MolluscaBase (2023).

Superfamily CHAMOIDEA

Family CHAMIDAE

† *Chama (Chama) hunua* Eagle, 2000

Eagle, M.K., 2000, pp. 154–157, figs 20–23.

Holotype: MA72655, right valve collected by M.K. Eagle, from the early Miocene (Otaian) Tipakuri Formation, Hunua Road cutting, Hays Stream, Hunua Ranges, Auckland, New Zealand.

Paratype: MA72656, left valve, from the type locality.

Remarks: In Eagle (2000) the paratype registration is incorrectly given as MA72657.

Current name: *Chama hunua* Eagle, 2000 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

Superfamily CYAMIOIDEA

Family CYAMIIDAE

Cyamium iridescens Cooper & Preston, 1910

Cooper, J.E. and H.B. Preston, 1910, pp. 112, 113, pl. 4, fig. 6.

Lectotype: NMH 1910.3.18.11

Paralectotypes: MA73215, two articulated specimens, one disarticulated specimen, one right valve, collected from Falkland Islands, British Overseas Territory.

Remarks: Lectotypification not sighted, but a specimen held at NMH is catalogued as the lectotype.

Current name: *Cyamium falklandicum* Melvill & Standen, 1898 – MolluscaBase (2023).

Legrandina aucklandica Powell, 1933

Powell, A.W.B., 1933d, p. 233, text fig. 1.

Holotype: NMNZ M.001858

Paratypes: MA72363, 17 articulated specimens, 36 right valves and 19 left valves; MA18437, 12

articulated, 73 right valves and 72 left valves; all collected from beach drift by J. Bollons, from Faith [North] Harbour, Auckland Islands, New Zealand.
Current name: *Legrandina aucklandica* Powell, 1933 – MolluscaBase (2023).

***Legrandina harrisonae* Powell, 1935**

Powell, A.W.B., 1935c, pp. 256, 257, pl. 28, fig. 2.
Holotype: MA70392, right and left valves, collected by R.H. Harrison in 1934, from shell sand from Mason Bay, Stewart Island/Rakiura, New Zealand.
Paratypes: MA71409, three right valves and one unrelated left valve, from the type locality.
Remarks: Both valves of the holotype show effects of glass disease.
Current name: *Legrandina harrisonae* Powell, 1935 – MolluscaBase (2023).

***Legrandina turneri* Powell, 1939**

Powell, A.W.B., 1939, p. 221, pl. 48, fig. 7.
Holotype: MA70393, left valve, collected by A.W.B. Powell in November 1934, from 'Old Neck Beach', presumed here to be The Neck, Paterson Inlet, Stewart Island/Rakiura, New Zealand.
Paratypes: MA71542, six articulated specimens, ten right valves and 11 unrelated left valves, from the type locality.
Remarks: The holotype shows effects of glass disease.
Current name: *Legrandina turneri* Powell, 1939 – MolluscaBase (2023).

***Perrierina insulana* Powell, 1933**

Powell, A.W.B., 1933i, pp. 188, 189, pl. 34, fig. 1.
Holotype: MA70614, right and left valves, collected from clean shell sand, from 18 m depth, off Owenga Beach, Chatham Islands, New Zealand.
Paratypes: MA71529, five right valves and six unrelated left valves, from the type locality.
Remarks: Both valves of the holotype and some of the paratypes show effects of glass disease.
Current name: *Perrierina insulana* Powell, 1933 – MolluscaBase (2023).

***Perrierina matai* Fleming, 1948**

Fleming, C.A., 1948, pp. 76, 77, pl. 5, fig. 5.
Holotype: GNS TM 175
Paratypes: MA72948, four right valves and two unrelated left valves, collected from the type locality by the NZGS *Matai* for Dr P. Marshall, from 62 m (34 fathoms) at the entrance to George Sound, Southland, New Zealand.
Current name: *Perrierina matai* Fleming, 1948 – MolluscaBase (2023).

***Perrierina mestayerae* Powell, 1933**

Powell, A.W.B., 1933d, p. 232, text fig. 2.
Holotype: NMNZ M.001859
Paratype: MA72362, one specimen, dredged by

J. Bollons, from the type locality, 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.
Current name: *Perrierina mestayerae* Powell, 1933 – MolluscaBase (2023).

† *Perrierina ovata* Marwick, 1928

Marwick, J., 1928, p. 444, figs 8, 9.
Holotype: GNS TM 4479
Paratypes: MA72931, ten right valves, five left valves and several fragmented specimens, collected in January and February 1924, by J. Marwick as the geologist with an Otago Institute party, from the type locality, the Early Pleistocene (Nukumaruan) Titirangi Sand, Titirangi, Chatham Island, New Zealand.
Current name: *Perrierina ovata* Marwick, 1928 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

***Perrierina perstriata* Fleming, 1948**

Fleming, C.A., 1948, pp. 75, 76, pl. 5, fig. 6.
Holotype: GNS TM 186
Paratypes: MA72947, five left valves, collected by the *New Golden Hind*, from the type locality, from rock with patches of shell grit, from 27–46 m (15–25 fathoms) depth, Gilbert Islands, Breaksea Sound, Southland, New Zealand.
Current name: *Perrierina perstriata* Fleming, 1948 – MolluscaBase (2023).

† *Perrierina sola* Laws, 1936

Laws, C.R., 1936a, p. 52, pl. 10, fig. 29.
Holotype: MA70615, incomplete right valve, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.
Current name: *Perrierina sola* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

***Perrierina substriata* Powell, 1935**

Powell, A.W.B., 1935c, pp. 255, 256, pl. 28, fig. 1.
Holotype: MA70616, disarticulated specimen, collected from fish stomach in 1924 by J. Bollons, Manawatāwhi/Three Kings Islands, New Zealand.
Paratypes: MA71400, two articulated specimens, five right and three left valves, collecting details as for the holotype.
Current name: *Perrierina substriata* Powell, 1935 – MolluscaBase (2023).

Superfamily GAIMARDIOIDEA

Family GAIMARDIIDAE

***Costokidderia lyallensis* Finlay, 1926**

Finlay, H.J., 1926b, p. 457, pl. 21, figs 93–95.
Holotype: MA70211, right valve, collected from shell sand from Lyall Bay, Wellington, New Zealand.

Paratypes: MA72543, two left valves, from the type locality.

Remarks: The species was not actually mentioned on p. 457 in the original Finlay (1926b) paper, as a typesetting error reproduced the heading for the preceding species, *Costokidderia pedica*. *C. lyallensis* was mentioned only in the figure captions.

Current name: *Kidderia costata* Odhner, 1924 – Powell (1979: 401); MolluscaBase (2023).

Costokidderia pedica Finlay, 1926

Finlay, H.J., 1926b, p. 457, pl. 21, figs 96–98.

Holotype: MA70212, worn left valve, dredged by J. Bollons, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratype: MA72542, worn left valve, from the type locality.

Current name: *Kidderia costata* Odhner, 1924 – Powell (1979: 401); MolluscaBase (2023).

Gaimardia aucklandica Finlay, 1926

Finlay, H.J., 1926b, p. 456, pl. 22, figs 122–124.

Holotype: MA70335, left valve, collected off Auckland Islands, New Zealand.

Paratypes: MA72541, 151 articulated specimens, 17 right valves of which two are illustrated, 15 left valves, all from the type locality.

Current name: *Gaimardia fosteriana aucklandica* Finlay, 1926 – MolluscaBase (2023).

Gaimardia fosteriana Finlay, 1926

Finlay, H.J., 1926b, p. 456, not figured.

Holotype: MA70336, disarticulated right and left valves, collected from seaweed at half-tide from Taieri Beach, Otago, New Zealand.

Paratypes: MA72540, 21 articulated specimens, 20 right valves and 23 left valves, all from the type locality.

Current name: *Gaimardia fosteriana fosteriana* Finlay, 1926 – MolluscaBase (2023).

Kidderia aupouria Powell, 1933

Powell, A.W.B., 1933c, pp. 204, 205, pl. 18, fig. 5.

Holotype: MA70378, a right valve, collected by A.W.B. Powell in February 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Paratypes: MA71430, two articulated specimens, nine right and 11 left valves; MA73391, a right valve; all from the type locality.

Remarks: MA70378 contained two specimens, both of which have been badly affected by glass disease. However, as one was distinctly larger than the other and approximated the length given by Powell for the holotype, this is assumed to be the original holotype specimen. The second specimen has been removed and given paratype status as MA73391. The 11 left valves in MA71430 include a left valve of *Cosa serratocostata*.

Current name: *Kidderia aupouria* Powell, 1933 – MolluscaBase (2023).

Kidderia aupouria fiordlandica Fleming, 1948

Fleming, C.A., 1948, p. 78, pl. 6, fig. 6.

Holotype: GNS TM 243

Paratype: MA73327, two articulated specimens, two right and six left valves, collected in 1935 by the NZGS *Matai*, from the type locality, from 62 m depth from the entrance to George Sound, Southland, New Zealand.

Remarks: The specimen lot was found in a separate, labelled container with MA71430, which is the paratype lot of *Kidderia aupouria*. Both lots were labelled as subspecies (*K. aupouria fiordlandica* and *K. aupouria aupouria*). As they have since been elevated to species level, a new paratype record has been created for *K. aupouria fiordlandica*.

Current name: *Kidderia fiordlandica* Fleming, 1948 – MolluscaBase (2023).

Kidderia rakiura Powell, 1939

Powell, A.W.B., 1939, p. 223, pl. 48, fig. 1.

Syntypes: MA70379, unrelated left and right valves, collected by R.H. Harrison, after a storm, from Ringaringa Beach, Stewart Island/Rakiura, New Zealand.

Current name: *Kidderia rakiura* Powell, 1939 – MolluscaBase (2023).

Neogaimardia finlayi Powell, 1933

Powell, A.W.B., 1933c, pp. 203, 204, text fig. 16.

Holotype: MA70519, disarticulated right and left valves, collected by A.W.B. Powell in February 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Paratypes: MA71429, six articulated specimens and five left valves, from the type locality.

Current name: *Gaimardia (Neogaimardia) finlayi* (Powell, 1933) – MolluscaBase (2023).

Superfamily GALEOMMATOIDEA

Family GALEOMMATIDAE

Divariscintilla maoria Powell, 1932

Powell, A.W.B., 1932a, pp. 66, 67, pl. 6, fig. 1.

Holotype: MA70240, disarticulated right and left valves, collected by W. La Roche in 1922, from beach wash-up near Rangaunu Harbour, Northland, New Zealand.

Paratypes: MA71994, three right and six left valves, possibly from three individuals, from the type locality.

Remarks: Type for the genus. The type description for the species stated that it was collected from Awanui Heads. This is not an officially recognised geographical location but is here presumed to mean the entrance to Rangaunu Harbour (see Blom (2022: 6) for a discussion

of La Roche's sampling localities). However, as *Divariscintilla maoria* is commensal with the mantis shrimp, *Heterosquilla tricarinata*, it could equally be the intertidal flats near the Awanui River mouth, inside Rangaunu Harbour.

Current name: *Divariscintilla maoria* Powell, 1932 – MolluscaBase (2023).

***Scintilla stvensoni* Powell, 1932**

Powell, A.W.B., 1932a, pp. 65, 66, pl. 6, fig. 2.

Holotype: MA70699, disarticulated right and left valves, collected in February 1931, from the underside of a stone at low water, at Oruawharo Bay, Great Barrier Island, New Zealand.

Remarks: There are two Oruawharo Bays on Great Barrier Island. The one in Powell (1932a) is presumed to be the larger bay at Medlands.

Current name: *Scintilla stvensoni* Powell, 1932 – MolluscaBase (2023).

***Tahunanuia alata* Powell, 1952**

Powell, A.W.B., 1952b, pp. 170, 171, text figs 1, 1a.

Holotype: MA71184, right valve, collected from Tahunanui Beach, Nelson, New Zealand.

Paratypes: MA71438, nine right and seven left valves, from the type locality.

Current name: *Anisodonta (Tahunanuia) alata alata* (Powell, 1952) – MolluscaBase (2023).

***Tahunanuia trigonia* Powell, 1952**

Powell, A.W.B., 1952b, p. 171, text fig. 2.

Holotype: MA72202, right valve, collected by J. Bollons, from 33 m (18 fathoms) depth, from Perseverance Harbour, Campbell Island/Motu Ihupuku, New Zealand.

Current name: *Anisodonta (Tahunanuia) alata trigonia* (Powell, 1952) – MolluscaBase (2023).

Family LASAEIDAE

***Arthritica crassiformis* Powell, 1933**

Powell, A.W.B., 1933b, p. 195, pl. 16, figs 2, 3.

Holotype: NMNZ M.001892

Paratypes: MA72361, 28 articulated specimens, 15 right valves and 14 left valves, collected by M.K. Mestayer on 24 March 1920, from the type locality, Mahina Bay, Wellington, New Zealand.

Current name: *Arthritica crassiformis* Powell, 1933 – MolluscaBase (2023).

† ***Arthritica elongata* Laws, 1936**

Laws, C.R., 1936a, p. 53, pl. 10, fig. 28.

Holotype: MA70048, left valve, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Remarks: In the original description Laws refers to 'odd right and left valves', and he has figured the right

valve. However, this valve appears to have been lost as only the left valve remains in AM's collections.

Current name: *Arthritica elongata* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 236).

***Arthritica hulmei* Ponder, 1965**

Ponder, W.F., 1965a, pp. 83–85, fig. 4(d).

Holotype: GNS TM 3787

Paratypes: MA72964, three articulated specimens, dredged by S.G. Hulme, from the type locality, Cook Strait off Island Bay, Wellington, New Zealand.

Remarks: The specimens were removed from the polychaete *Aphrodita australis* on which it is commensal. Although the collection date is unknown, it is presumably sometime in the early 1960s as the species is named after S.G. Hulme, who was a technician at the New Zealand Geological Survey (now GNS Science) and who died in October 1962 (Hornibrook 1963).

Current name: *Arthritica hulmei* Ponder, 1965 – MolluscaBase (2023).

***Borniola neozelanica* Powell, 1937**

Powell, A.W.B., 1937b, pp. 173, 174, pl. 47, fig. 8.

Holotype: NHM 1962948

Paratypes: MA72211, unrelated right and left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Borniola neozelanica* Powell, 1937 – MolluscaBase (2023).

***Kellia bifurca* Webster, 1908**

Webster, W.H., 1908, pp. 257, 258, pl. 21, figs 24–29.

Holotype: MA70374, disarticulated right and left valves, collected by W.H. Webster, from the type locality, Orua Bay, Manukau Harbour, Auckland, New Zealand.

Paratypes: MA71807, four right and three unrelated left valves from the type locality.

Current name: *Arthritica bifurca* (Webster, 1908) – MolluscaBase (2023).

† ***Kellia effossa* F.W. Hutton, 1885**

Hutton, F.W., 1885, p. 323 (not figured).

Lectotypification in Allan, R.S., 1938, p. 187.

Lectotype: CM M840

Paralectotypes: MA72941, three right and five unrelated left valves, collected from the type locality, Early Pleistocene (Nukumaruan), Petane, Hawke's Bay, New Zealand.

Current name: *Melliteryx effossa* (F.W. Hutton, 1885) – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

***Kellia maoria* Powell, 1933**

Powell, A.W.B., 1933f, pp. 151, 152, fig. 2.

Holotype: MA70375, disarticulated right and left valves, collected by A.W.B. Powell, from the underside of stones in the upper intertidal, Rangitoto Island, Auckland, New Zealand.

Current name: *Lasaea maoria* (Powell, 1933) – MolluscaBase (2023).

***Kellia (Kaneohe) minima* Ponder, 1971**

Ponder, W.F., 1971a, pp. 132, 133, text fig. 42.

Holotype: NMNZ M.021765

Paratypes: MA72974, two left valves and a right valve, dredged by J. Graham in 1963, from the type locality, 68 m (35 fathoms) depth, off Oamaru, New Zealand.

Remarks: Some damage from probably glass disease is evident, especially to the right valve.

Current name: *Kellia minima* (Ponder, 1971) – MolluscaBase (2023).

***Lasaea hinemoa* Finlay, 1928**

Finlay, H.J., 1928, pp. 274, 275, pl. 40, figs 27, 28.

Holotype: MA70387, disarticulated right and left valves, collected probably by F.H. MacDowall, from seaweeds at mid-tide, Riverton, Southland, New Zealand.

Paratypes: MA72564, 11 articulated specimens, six right and three left valves, from the type locality.

Current name: *Lasaea hinemoa* Finlay, 1928 – MolluscaBase (2023).

***Lasaea parengaensis* Powell, 1935**

Powell, A.W.B., 1935c, pp. 257, 258, pl. 28, fig. 5.

Holotype: MA70388, disarticulated right and left valves, dredged by A.W.B. Powell in February 1932, from 13 m (7 fathoms) depth, off Otehe Point, near the entrance to Parengarenga Harbour, Northland, New Zealand.

Remarks: Powell (1935c) mentioned paratypes, but these have either been lost or are not identifiable within AM collections. There is one lot, MA11483, which consists of one articulated specimen, four right and three left valves, and has the same primary data as the holotype.

Current name: *Lasaea parengaensis* Powell, 1935 – MolluscaBase (2023).

***Lasaea rossiana tutanekai* Fleming, 1948**

Fleming, C.A., 1948, pp. 78, 79, pl. 6, fig. 5.

Holotype: GNS TM 320

Paratypes: MA72946, nine right and ten left valves, collected from the type locality, *New Golden Hind* station 80, in 106 m (58 fathoms) depth, 'inside the rock bar' in Dagga Sound, Southland, New Zealand.

Current name: *Lasaea hinemoa* Finlay, 1928 – Powell (1979: 389); MolluscaBase (2023).

***Lasaea rossiana vexata* Finlay, 1928**

Finlay, H.J., 1928, p. 275, pl. 41, figs 41, 42.

Holotype: MA70389, disarticulated right and left valves, collected from the Chatham Islands, New Zealand.

Paratypes: MA72565, two right and three left valves, from the type locality.

Remarks: Finlay (1928) stated that 'Most of the material on which this paper is based was collected by the Otago Institute party at the Chathams in the summer of 1924.' However, he also stated (pp. 232, 233) that 'These collections are from several sources, and comprise shells (a) sent to me by friends from the Chathams, (b) beach shells collected by Messrs. Young, Allan, Marwick, members of the present expedition, (c) taken from, rock-pools, and stomachs of cod, by Messrs. Young and Allan..., (d) in the Otago University Museum, presented by Miss Shand.' As neither the labels nor the species entry in Finlay (1928) explicitly confirm a source, it cannot be assumed that the specimens were collected by members of the Otago Institute party at Chatham Islands in the summer of 1924.

Current name: *Lasaea hinemoa* Finlay, 1928 – Powell (1979: 389); MolluscaBase (2023).

***Malvinasia arthuri* Cooper & Preston, 1910**

Cooper, J.E. and H.B. Preston, 1910, p. 113, pl. 4, figs 7, 8.

Holotype: RBINS 10591

Paratypes: MA73236, one articulated specimen, disarticulated right and left valves, collected by A.F. Cobb, from the type locality, Falkland Islands, British Overseas Territory.

Remarks: In a handwritten catalogue kept by A.W.B. Powell he noted that the specimens are ex-Preston.

Current name: *Malvinasia arthuri* Cooper & Preston, 1910 – MolluscaBase (2023).

† *Melliteryx angulata* Laws, 1936

Laws, C.R., 1936a, pp. 53, 54, pl. 11, figs 32, 33.

Syntypes: MA70458, unrelated right and left valve, collected from the early Pliocene (Opoitian) Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Melliteryx angulata* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

† *Melliteryx mirificus* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 403, 404, pl. 39, fig. 41.

Holotype: MA72091, right? valve embedded in rock, collected from the early Miocene (Otaian) Tipakuri Formation of 'Double U Bay', approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratypes: MA71692, one right? valve and two left? valves embedded in rock, from the type locality.

Current name: *Melliteryx mirifica* Powell & Bartrum, 1929 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

† *Myllitella fragilis* Laws, 1936

Laws, C.R., 1936a, p. 54, pl. 11, figs 34, 35, 37.

Syntypes: MA70510, unrelated right and left valves, collected from the early Pliocene (Opoitian) Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Myllita fragilis* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

Myllitella vivens Finlay, 1926

Finlay, H.J., 1926b, p. 464, pl. 22, figs 119–121.

Holotype: MA70511, left valve, collected from 46 m depth, off Hen and Chickens Islands, Northland, New Zealand.

Paratypes: MA73088, unrelated right and left valves, from the type locality.

Remarks: The type for the genus.

Current name: *Myllita vivens vivens* (Finlay, 1926) – MolluscaBase (2023).

Mysella alpha Powell, 1937

Powell, A.W.B., 1937b, p. 173, pl. 46, fig. 6.

Holotype: NHM 1962946

Paratypes: MA72209, three right and five left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Mysella alpha* Powell, 1937 – MolluscaBase (2023).

Mysella beta Powell, 1937

Powell, A.W.B., 1937b, p. 173, pl. 46, fig. 7.

Holotype: NHM 1962947

Paratypes: MA72210, one articulated specimen, seven right and ten left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: The majority of the specimens are tiny and it is likely that several are not conspecific and that they belong to *Mysella alpha* rather than *M. beta*.

Current name: *Mysella beta* Powell, 1937 – MolluscaBase (2023).

Mysella bidentifera Powell, 1933

Powell, A.W.B., 1933c, pp. 205, 206, pl. 18, fig. 6.

Holotype: MA70512, right valve, collected by A.W.B. Powell in February 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Remarks: Valve severely affected by glass disease.

Current name: *Borniola bidentifera* (Powell, 1933) – Powell (1979: 390); MolluscaBase (2023).

Mysella larochei Powell, 1940

Powell, A.W.B., 1940, p. 218, text fig. 1a.

Holotype: MA72100, disarticulated right and left

valves, collected by W. La Roche, Taupo Bay, Whangaroa Bay, New Zealand.

Current name: *Mysella larochei* Powell, 1940 – MolluscaBase (2023).

Rocheformula decapitata Powell, 1939

Powell, A.W.B., 1939, p. 226, pl. 48, fig. 4.

Holotype: MA70682, disarticulated right and left valves, collected by R.H. Harrison, from shell sand, Rosa Island, Port Pegasus, Stewart Island/Rakiura, New Zealand.

Current name: *Borniola decapitata* (Powell, 1939) – Powell (1979: 390); MolluscaBase (2023).

Rocheformula taieriensis Powell, 1939

Powell, A.W.B., 1939, p. 226, pl. 48, fig. 3.

Holotype: MA70683, disarticulated right and left valves, collected from shell sand and seaweed washings, Taieri Beach, Otago, New Zealand.

Paratypes: MA71545, one articulated specimen, and disarticulated right and left valves, from the type locality.

Remarks: The left valve of the disarticulated pair is broken.

Current name: *Borniola taieriensis* (Powell, 1939) – Powell (1979: 391); MolluscaBase (2023).

† *Semeloidea miocenica* Laws, 1932

Laws, C.R., 1932, p. 184, pl. 32, fig. 46.

Holotype: MA70708, right valve, collected from the early Miocene (Altonian) of the Mount Harris Formation, ‘Old Rifle Butts’, coast south of Cape Wanbrow, Oamaru, Otago, New Zealand.

Current name: *Semeloidea miocenica* Laws, 1932 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

Virmysella hounselli Powell, 1931

Powell, A.W.B., 1931a, p. 111, pl. 11, figs 13, 14.

Holotype: MA70838, left valve, collected from the Early–Middle Pleistocene (Castlecliffian) at Castlecliff, Manawatū-Whanganui, New Zealand.

Paratype: MA73474, right valve, from the type locality.

Current name: *Mysella hounselli* (Powell, 1931) – Maxwell in: Spencer *et al.* (2009: 199); MolluscaBase (2023).

Superfamily MACTROIDEA

Family MACTRIDAE

† *Eumarcia altilunula* Marwick, 1927

Marwick, J., 1927, pp. 627, 628, pl. 51, fig. 196.

Holotype: MA70299, incomplete left valve, collected from middle Miocene (Lillburnian) Lima Sand, [Finlay’s bed 7C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Remarks: Finlay’s subdivision of Clifden beds 7 and

8 cannot be identified with confidence, and specimens from Finlay's 7C can probably be matched to their source horizon only by comparing their preservation with that of later collections (Fleming *et al.* 1969: 77, 93). On the basis of preservation the Lima Sand is the likely source of the type of *Eumarcia atilunula*.

Current name: *Cyclomactra atilunula* (Marwick, 1927) – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

***Lutraria bruuni* Powell, 1967**

Powell, A.W.B., 1967b, pp. 198, 199, pl. 38, figs 1, 2.

Holotype: NHMD BIV-000805

Paratypes: MA72551, two right valves, collected on 3 March 1952, from station 674, Danish *Galathea* Expedition, from 15–75 m depth, off Raoul Island, Rangitāhua/Kermadec Islands, New Zealand.

Current name: *Lutraria bruuni* Powell, 1967 – MolluscaBase (2023).

† ***Mactra (Cyclomactra) williamsi* Marwick, 1948**

Marwick, J., 1948, p. 22, pl. 3, figs 6–8.

Holotype: MA71014, a left valve, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitemata Brewery well, Ōtāhuhu, Auckland, New Zealand.

Paratype: MA72939, an incomplete right valve, from the type locality.

Current name: *Cyclomactra williamsi* (Marwick, 1948) – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

† ***Maorimactra acuminella* Finlay, 1930**

Finlay, H.J., 1930b, p. 53, not figured.

Holotype: MA70438, **Plate 2e, f**, left valve, collected from early Miocene (Altonian) Southburn Sand, White Rock River, Canterbury, New Zealand.

Paratypes: MA73555, two right and four left valves, from the type locality.

Remarks: The holotype and paratypes for this species were found together as a single lot of seven specimens. As none was labelled or marked, the holotype was not obvious. However, in many instances Finlay published measurements in his original descriptions, including for a number of other species for which we hold the holotype. Although Finlay did not relate measurements to specific specimens, where checked, in each case they were found to match the dimensions of a holotype. Based on this it is assumed that the measurements published for *Maorimactra acuminella* also applied to the holotype specimen for this species. Therefore, the specimen which exactly matched Finlay's measurements in his description for *Maorimactra acuminella* has been separated out as the holotype, and the remaining six are deemed to be paratypes.

Current name: *Maorimactra acuminella* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

† ***Scalpomactra biconvexa* Powell & Bartrum, 1929**

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 405, 406, pl. 50, fig. 108.

Holotype: MA72132, right valve, collected from the early Miocene (Otaian) Tipakuri Formation of 'Double U Bay', approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Current name: *Scalpomactra biconvexa* Powell & Bartrum, 1929 – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

† ***Scalpomactra continua* Finlay, 1930**

Finlay, H.J., 1930b, pp. 53, 54, not figured.

Holotype: MA70687, **Plate 2g, h**, right valve, collected from the early Miocene (Altonian) Southburn Sand at White Rock River, Canterbury, New Zealand.

Paratypes: MA72443, 43 right and 42 left valves, from the type locality.

Current name: *Scalpomactra continua* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

† ***Spisula (Spisulona) couttsi* Marwick, 1948**

Marwick, J., 1948, p. 23, pl. 3, figs 3–5, 9, 10.

Holotype: MA71117, left valve, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitemata Brewery well, Ōtāhuhu, Auckland, New Zealand.

Paratypes: MA72998, two right valves, from the type locality.

Remarks: Also the type for the subgenus.

Current name: *Spisula couttsi* Marwick, 1948 – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

***Standella aequalis* Webster, 1905**

Webster, W.H., 1905, p. 280, fig. 13a.

Holotype: MA70728, right valve, collected from Kauri Point, Manukau Harbour, Auckland, New Zealand.

Current name: *Cyclomactra ovata* (Gray, 1843) – Powell (1979: 413); MolluscaBase (2023).

Family MESODESMATIDAE

***Amphidesma forsteriana* Finlay, 1926**

Finlay, H.J., 1926b, p. 468, not figured.

Holotype: MA70030, **Plate 3a–d**, disarticulated right and left valves, collected from Warrington, near Dunedin, Otago, New Zealand.

Current name: *Paphies (Taria) donacina* (Spengler, 1793) – Powell (1979: 416); MolluscaBase (2023).

† ***Paphies otaiana* Eagle, 2000**

Eagle, M.K., 2000, pp. 151–153, fig. 15.

Holotype: MA72652, left valve, collected by M.K. Eagle, from the early Miocene (Otaian) Tipakuri Formation, Hunua Road cutting, Hays Stream, Hunua Ranges, SE Auckland, New Zealand.

Current name: *Paphies (Taria) otaiana* Eagle, 2000 – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

Superfamily TELLINOIDEA

Family TELLINIDAE

† *Angulus (Peronidia) artus* Laws, 1933

Laws, C.R., 1933, p. 318, pl. 30, figs 11–13.

Holotype: MA70035, right valve, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at Sutherlands, Tengawai River, South Canterbury, New Zealand.

Paratype: MA110823, right valve, from the type locality.

Current name: *Tellinota arta* (Laws, 1933) – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Angulus (Peronidia) tumens* Laws, 1933

Laws, C.R., 1933, p. 318, not figured.

Holotype: MA70036, Plate 1c, d, right valve, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Oamaru, Otago, New Zealand.

Paratypes: MA72661, one partial right valve, two partial left valves, one entire left valve; MA72662, one right and one left valves, from the type locality.

Current name: *Tellinota tumens* (Laws, 1933) – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Ascitellina protensa* Powell, 1935

Powell, A.W.B., 1935d, p. 333, pl. 76, fig. 8.

Holotype: MA72009, left valve, collected from the early Miocene (Altonian) Nihotupu Formation, north end of Pillow Lava Bay, south of Muriwai Beach, west Auckland, New Zealand.

Current name: *Elliptotellina protensa* (Powell, 1935) – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

† *Barytellina anomalodonta* Finlay, 1924

Finlay, H.J., 1924a, pp. 473, 474, pl. 50, figs 7a–c.

Syntypes: MA70095, unrelated right and left valves, collected from the Early Pleistocene (Nukumarian) at Rissington, Hawke's Bay, New Zealand.

Remarks: These were referred to by Finlay (1924a) in the original description as 'types' and therefore treated here collectively as the name-bearing type.

Current name: *Barytellina crassidens* Marwick, 1924 – Beu and Raine (2009); MolluscaBase (2023).

† *Eurytellina solitaria* Powell, 1931

Powell, A.W.B., 1931a, p. 95, pl. 14, fig. 40.

Holotype: MA70302, right valve, collected by A.W.B. Powell in January 1931, from the late Pliocene (Waipipian) Tangahoe Formation, near the mouth of Waihi Stream, Hawera, New Zealand.

Current name: *Eurytellina* (?) *solitaria* Powell, 1931 – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

† *Finlayella sinuaris* Laws, 1933

Laws, C.R., 1933, pp. 319, 320, pl. 29, figs 2, 3, 6.

Holotype: MA70327, right valve, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at Sutherlands, Tengawai River, South Canterbury, New Zealand.

Paratypes: MA72663, right and left valves, from the type locality.

Remarks: Type for the genus.

Current name: *Finlayella sinuaris* Laws, 1933 – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Macoma hesterna* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, p. 404, pl. 44, fig. 76.

Holotype: AUNZ L2638

Paratypes: MA71693, left valve, collected from the type locality, the early Miocene (Otaian) Tipakuri Formation of 'Double U Bay', approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Remarks: MA71693 contained a right and left valve, but as Powell (1929) specifically mentioned a left valve as the only paratype it is here assumed that the right valve is not a paratype. This has been registered in the general collections as MA120725.

Current name: '*Tellina*' *hesterna* (Powell & Bartrum, 1929) – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

† '*Macoma*' *oneroaensis* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 404, 405, pl. 42, fig. 62.

Holotype: MA72085, left valve, collected from the early Miocene (Otaian) Tipakuri Formation of 'Double U Bay', approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Current name: *Bartrumia oneroaensis* (Powell & Bartrum, 1929) – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

† *Macoma robini* Finlay, 1924

Finlay, H.J., 1924a, pp. 474, 475, pl. 51, figs 6a–6c.

Holotype: MA70425, articulated specimen, collected by R.S. Allan, from late Oligocene/early Miocene (Waitakian) Otekaike Limestone, 'Trig Z' (Fossil Record File I40/f9519), Otiake, Waitaki Valley, Otago, New Zealand.

Paratypes: MA72490, an articulated specimen and one partial right valve; MA73240, one right valve, two left valves (1 figured as 6c), from the type locality.

Current name: *Peronaea robini* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

Tellina urinatoria Suter, 1911

Suter, H., 1911, p. 280, figured in Suter, 1913a, pl. 54, fig. 13.

Holotype: CM M810

Paratype: MA72784, right valve, collected by E.R. Waite,

from the type locality, 219 m (120 fathoms) depth, 38 km (24 miles) SE of Long Point, Southland, New Zealand.

Remarks: Suter (1911) selected a primary type which he subsequently placed in the collections of CM and figured in Suter (1913a, pl. 54, fig. 13). Although the collecting data matches that of the type locality, there is some doubt about the validity of the type status of the specimen in MA72784. Many of Suter's specimens at AM were presumed to have been obtained by Powell from the Suter Collection of GNS Science (then the Geological Survey of New Zealand) after they purchased the collection from the Whanganui Museum in 1947. However, this is not the case with MA72784. A label in Powell's hand recorded that it was a paratype and came to him in 1927 from J.A. Bartrum (who taught geology at Auckland University College from 1914). Waite (1909: 49) stated 'that the samples of the bottom obtained having been placed in the hands of Mr Suter, of Auckland, for report.' At that time Suter had been in Auckland for some years (Hyde 2017), working at AM off and on for T.F. Cheeseman. It is therefore quite possible that some of the Waite material was lodged at AM by Suter and then later obtained by Bartrum. Whether or not it was part of the type series is another matter.

Current name: *Elliptotellina urinatoria* (Suter, 1911) – MolluscaBase (2023).

Family DONACIDAE

† *Donax (Paradonax) parengarengaensis* Eagle, 2000
Eagle, M.K., 2000, pp. 157–159, figs 29, 30.

Holotype: MA72653, left valve, collected by M.K. Eagle, from the early Miocene (Altonian) Paratoetoe Formation, north shore of Parengarenga Harbour, New Zealand.

Paratype: MA72654, left valve, from the type locality.

Current name: *Donax (Paradonax) parengarengaensis* Eagle, 2000 – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

Family PSAMMOBIIDAE

† *Gari aucklandica* Marwick, 1948

Marwick, J., 1948, p. 26, pl. 1, figs 8, 9, 12.

Holotype: MA70989, right valve, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitemata Brewery well, Ōtāhuhu, Auckland, New Zealand.

Paratype: MA73000, left valve, from the type locality.

Current name: *Gari (Psammobia) aucklandica* Marwick, 1948 – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

Gari hodgei Willan, 1980

Willan, R.C., 1980, pp. 174–176, figs 1A, 2A, B, 3I–N.

Holotype: MA71360, articulated specimen, collected by A.W.B. Powell in 1936 [1933] from Owenga, Chatham Islands, New Zealand.

Paratypes: MA14290, nine articulated specimens and two left valves, from the type locality.

Remarks: A label with the paratypes, in Powell's hand, has 'Coll. A.W.B. P. 1936. AM.14290'. This date was used by Willan (1980: 174) but is likely to be incorrect as February 1933 is the only known date when A.W.B. Powell, together with C.A. Fleming, collected at the Chatham Islands. Lot MA14291 in the general collections, originally identified by Powell as *Gari lineolata* but later re-identified as *G. convexa*, is also from Owenga, Chatham Islands. It, too, has a label written by Powell. This is numbered sequentially as AM.14291 and has 'Coll. A.W.B. Powell. Feb. 1933', which supports the 1933 date as being correct.

Current name: *Gari (Psammobia) convexa* Reeve, 1857 – MolluscaBase (2023).

† *Gari oamarutica* Finlay, 1930

Finlay, H.J., 1930b, p. 53, not figured.

Holotype: MA70337, Plate 1a, b, left valve, collected from the early Miocene (Altonian) of the Mount Harris Formation, Awamoa Beach boulders, Otago, New Zealand.

Paratypes: MA73116, 11 fragments of partial right and left valves, from the type locality.

Current name: *Gari (Psammobia) oamarutica* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

Kermadysmea galathea Powell, 1958

Powell, A.W.B., 1958a, p. 74, text fig. A1, 4; pl. 10, fig. 4.

Holotype: NHMD 76747

Paratypes: MA72300, articulated specimen and two left valves, collected on 3 March 1952, from the type locality, station 676, Danish *Galathea* Expedition, from 83 m depth, off Raoul Island, Rangitāhua/Kermadec Islands, New Zealand.

Current name: *Gari galathea* (Powell, 1958) – MolluscaBase (2023).

† *Solecurtus bensoni* Finlay, 1924

Finlay, H.J., 1924a, pp. 471, 472, pl. 50, figs 8a, 8b.

Holotype: MA70714, articulated specimen, collected from early Miocene (Altonian) Calamity Point Sandstone, [Finlay's bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA73056, ten fragments from nine partial right and left valves, from the type locality.

Current name: *Solecurtus bensoni* Finlay, 1924 – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

† *Solecurtus chattonensis* Finlay, 1924

Finlay, H.J., 1924a, pp. 472, 473, pl. 50, fig. 10.

Holotype: MA70715, left valve, collected from the late Oligocene (Duntroonian) Chatton Formation, Chatton, Southland, New Zealand.

Current name: *Solecurtus chattonensis* Finlay, 1924 – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

† *Solecortus evolutus* Finlay, 1924

Finlay, H.J., 1924a, p. 472, pl. 50, fig. 9.

Holotype: MA70716, right valve, collected from early Miocene (Altonian) of the Mount Harris Formation, Awamoa Beach boulders, Otago, New Zealand.

Current name: *Solecortus evolutus* Finlay, 1924 – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

Soletellina siliquens Willan, 1993

Willan, R.C., 1993, pp. 85, 86, figs 344–348, 413.

Holotype: MA71377, articulated specimen, collected from Beachlands beach, Auckland, New Zealand.

Current name: *Hiatula siliquens* (Willan, 1993) – MolluscaBase (2023).

† *Soletellina waitemata* Marwick, 1948

Marwick, J., 1948, pp. 26, 27, pl. 1, figs 3, 4.

Holotype: MA71116, left valve, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitematā Brewery well, Ōtāhuhu, Auckland, New Zealand.

Current name: *Hiatula waitemata* (Marwick, 1948) – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

Family SEMELIDAE

Leptomya retiararia aucklandica Powell, 1955

Powell, A.W.B., 1955, p. 38, pl. 1, fig. 2.

Holotype: GNS TM 359

Paratype: MA72377, right valve, collected by C.A. Fleming during 1942–1943 as part of the ‘Cape Expedition’, from the type locality, from 7–9 m (4–5 fathoms) depth, Musgrave Harbour, Auckland Islands, New Zealand.

Current name: *Leptomya retiararia aucklandica* Powell, 1955 – MolluscaBase (2023).

† *Leptomya waitemataensis* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, p. 405, pl. 50, fig. 109.

Holotype: MA72079, right valve, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Current name: *Leptomya waitemataensis* Powell & Bartrum, 1929 – Maxwell in: Spencer *et al.* (2009: 237); MolluscaBase (2023).

Semele brambleyae Powell, 1967

Powell, A.W.B., 1967a, p. 196, pl. 37, figs 7–9.

Holotype: MA71299, right and left valves of a disarticulated specimen, found as fresh specimen on mud flats by D. Brambley at the east end of Orua Bay, Manukau Harbour, New Zealand.

Remarks: This is the only specimen ever recorded from New Zealand and is considered adventive, possibly having arrived in ballast water from a ship (Marshall

and Spencer 2013).

Current name: *Semele vestalis* (A. Adams in Reeve, 1853) – MolluscaBase (2023).

Superfamily UNGULINOIDEA

Family UNGULINIDAE

Zemysia rakiura Powell, 1939

Powell, A.W.B., 1939, pp. 224, 225, text figs d, e.

Holotype: MA70890, disarticulated right and left valves, collected by R.H. Harrison, from Ringaringa Beach, Stewart Island/Rakiura, New Zealand.

Current name: *Zemysia rakiura* Powell, 1939 – MolluscaBase (2023).

Zemysia (Zemysina) globus Finlay, 1926

Finlay, H.J., 1926b, p. 462, pl. 22, figs 109–111.

Holotype: MA70889, left valve, from Stewart Island/Rakiura, New Zealand.

Paratypes: MA72547, an articulated specimen and one right valve, from the type locality.

Current name: *Zemysina globus* (Finlay, 1926) – MolluscaBase (2023).

Zemysia (Zemysina) striatula Finlay, 1926

Finlay, H.J., 1926b, pp. 462, 463, pl. 22, figs 112, 113.

Holotype: MA70891, right valve, collected from ‘Auckland Harbour’, Auckland, New Zealand.

Paratype: MA72548, articulated specimen, from the type locality.

Remarks: ‘Auckland Harbour’ is an unofficial name which may refer to Waitematā Harbour or the inner Hauraki Gulf coastal region.

Current name: *Zemysina striatula* (Finlay, 1926) – MolluscaBase (2023).

Superfamily VENEROIDEA

Family VENERIDAE

† *Austrovenus northlandica* Eagle, 2000

Eagle, M.K., 2000, pp. 160–162, figs 36–39.

Holotype: MA72649, a partial right valve, collected by M.K. Eagle in 1992, from the early Miocene (Otaian) Tipakuri Formation, Hunua Road cutting, Hays Stream, Hunua Ranges, New Zealand.

Paratypes: MA72650, a partial left valve; MA76821, a probable partial right valve and other fragments; MA76823, one partial right valve and one indeterminate fragment; all from the type locality.

Remarks: In Eagle (2000) the holotype is described as a left valve, but the figured specimen, MA72649, is a right valve; the paratype, MA72650, is described as a right valve whereas it is a left valve.

Current name: *Austrovenus northlandica* Eagle, 2000 – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Bassina katherinae* Marwick, 1948

Marwick, J., 1948, p. 24, pl. 4, figs 5, 6, 8.

Holotype: MA70938, right valve, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitemata Brewery well, Ōtāhuhu, Auckland, New Zealand.

Paratype: MA72997, left valve, from the type locality.

Current name: *Bassina* (*Callanaitis*) *katherinae* Marwick, 1948 – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Chione crassitesta* Finlay, 1924

Finlay, H.J., 1924a, pp. 478, 479, pl. 50, figs 1a–c.

Holotype: MA70165, disarticulated right and left valves, collected by Dr Benson, from the Middle Pleistocene (Castlecliffian) at Clifton [Clifden] near Cape Kidnappers, Hawke's Bay, New Zealand.

Current name: *Austrovenus stutchburyi* (Wood, 1828) – Beu (2006: 278); MolluscaBase (2023).

Chione (*Austrovenus*) *aucklandica* Powell, 1932

Powell, A.W.B., 1932a, p. 68, pl. 6, figs 3, 4.

Holotype: MA72048, disarticulated specimen, collected by J. Bollons in 1922, from the Auckland Islands, New Zealand.

Current name: *Austrovenus stutchburyi* (Wood, 1828) – Beu (2006: 278); MolluscaBase (2023).

† *Chione* (*Austrovenus*) *tamakiensis* Marwick, 1948

Marwick, J., 1948, pp. 24, 25, pl. 4, figs 1–4.

Holotype: MA70944, right valve, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitemata Brewery well, Ōtāhuhu, Auckland, New Zealand.

Paratype: MA72996, left valve, from the type locality.

Current name: *Austrovenus tamakiensis* (Marwick, 1948) – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

Dosinia maoriana W.R.B. Oliver, 1923

Oliver, W.R.B., 1923, p. 188, not figured.

Holotype: NMNZ M.001083

Paratypes: MA72889, disarticulated specimen, collected from the type locality, Elmslie Bay, French Pass, South Island, New Zealand.

Current name: *Dosinia* (*Pectunculus*) *maoriana* W.R.B. Oliver, 1923 – MolluscaBase (2023).

† *Dosinia* (*Austrodosinia*) *waitakiensis* Marwick, 1927

Marwick, J., 1927, p. 585, pl. 35, figs 20, 22.

Holotype: MA70251, partial left valve, collected from late Oligocene/early Miocene (Waitakian) Otekaike Limestone, 'Trig Z' (Fossil Record File I40/f9519), Otiake, Waitaki Valley Otago, New Zealand.

Current name: *Dosinia* (*Austrodosinia*) *waitakiensis* Marwick, 1927 – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Dosinia* (*Kereia*) *cottoni* Marwick, 1927

Marwick, J., 1927, pp. 590, 591, pl. 38, figs 42, 47.

Holotype: GNS TM 4657

Paratypes: MA73196, two articulated specimens, collected from the type locality, late Miocene (Tongaporutuan) at Hurupi Creek, Palliser Bay, New Zealand.

Current name: *Dosinia* (*Kereia*) *cottoni* Marwick, 1927 – Beu and Raine (2009); MolluscaBase (2023).

† *Dosinia* (*Kereia*) *densicosta* Marwick, 1927

Marwick, J., 1927, p. 590, pl. 35, figs 16, 17.

Holotype: MA70250, partial left valve, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Oamaru, Otago, New Zealand.

Current name: *Dosinia* (*Kereia*) *densicosta* (Marwick, 1927) – Beu and Maxwell (1990: 400); MolluscaBase (2023).

† *Dosinia* (*Kereia*) *ongleyi* Marwick, 1927

Marwick, J., 1927, pp. 588, 589, pl. 37, figs 37, 39; pl. 40, figs 58, 59.

Holotype: GNS TM 4591

Paratype: MA71541, left valve, collected from the type locality, the early Paleocene (lower Teurian) Wangaloa Formation, coast between Mitchells Rocks and Measly Beach, near Wangaloa, Otago, New Zealand.

Current name: *Dosinobia ongleyi* (Marwick, 1927) – Beu and Maxwell (1990: 400); MolluscaBase (2023).

† *Dosinia* (*Raina*) *bartrumi* Laws, 1930

Laws, C.R., 1930, p. 548, pl. 89, fig. 5; pl. 90, fig. 7.

Holotype: MA70248, left valve, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Dosinia* (*Raina*) *bartrumi* Laws, 1930 – Beu and Maxwell (1990: 400); MolluscaBase (2023).

† *Dosinia* (*Raina*) *benereparata* Laws, 1930

Laws, C.R., 1930, pp. 547, 548, pl. 89, figs 2, 3.

Holotype: MA70249, left valve, collected from the late Oligocene (Duntroonian) Chatton Formation, Chatton, Southland, New Zealand.

Current name: *Dosinia* (*Raina*) *benereparata* Laws, 1930 – Beu and Maxwell (1990: 400); MolluscaBase (2023).

† *Dosinia* (*Raina*) *powelli* Marwick, 1948

Marwick, J., 1948, p. 24, pl. 4, figs 7, 9, 10.

Holotype: MA70962, left valve, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitemata Brewery well, Ōtāhuhu, Auckland, New Zealand.

Paratype: MA72995, partial right valve, from the type locality.

Current name: *Dosinia (Raina) powelli* Marwick, 1948 – Beu and Maxwell (1990: 400); MolluscaBase (2023).

† *Dosinula firmocosta* Marwick, 1927

Marwick, J., 1927, pp. 610, 611, pl. 44, figs 122, 123.

Holotype: MA70252, right valve, collected from the early Miocene (Altonian) Long Beach Shellbed, [Finlay's bed 6B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA73124, two right and one left valves, collected from middle Miocene (Lillburnian) Lill Sand, [Finlay's bed 7A (for correlation see Fleming *et al.* 1969)], at the type locality.

Current name: *Dosina firmocosta* (Marwick, 1927) – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Dosinula suboblunga* Marwick, 1927

Marwick, J., 1927, pp. 609, 610, pl. 45, figs 124, 127, 130.

Holotype: GNS TM 4511

Paratype: MA71968, right valve, collected from the type locality, the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Oamaru, Otago, New Zealand.

Current name: *Dosina suboblunga* (Marwick, 1927) – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Dosinula uttlei* Marwick, 1927

Marwick, J., 1927, p. 610, pl. 45, figs 128, 129.

Holotype: GNS TM 4513

Paratype: MA73126, partial right valve, collected from middle Miocene (Lillburnian) Lima Sand, [Finlay's bed 7C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA73127, one complete and two partial right valves, one repaired and one partial left valve, collected from late Oligocene/early Miocene (Waitakian) Otekaike Limestone, 'Trig Z' (Fossil Record File I40/f9519), Otiake, Waitaki Valley Otago, New Zealand.

Remarks: Finlay's subdivision of Clifden beds 7 and 8 cannot be identified with confidence, and specimens from Finlay's 7C can probably be matched to their source horizon only by comparing their preservation with that of later collections (Fleming *et al.* 1969: 77, 93).

Current name: *Dosina uttlei* (Marwick, 1927) – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Eumarcia (Atamarcia) crassatelliformis* Marwick, 1927

Marwick, J., 1927, p. 628, pl. 50, figs 191, 192.

Holotype: MA70300, damaged left valve, collected from late Miocene (Kapitean) Mussel Beach, Te Waewae Bay, Southland, New Zealand.

Current name: *Atamarcia (Atamarcia) crassatelliformis* (Marwick, 1927) – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Eumarcia (Atamarcia) sulcifera* Marwick, 1927

Marwick, J., 1927, p. 629, pl. 52, fig. 203.

Holotype: MA70301, left valve, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Oamaru, Otago, New Zealand.

Current name: *Atamarcia (Atamarcia) sulcifera* (Marwick, 1927) – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Eumarcia (Opimarcia) healyi* Marwick, 1948

Marwick, J., 1948, p. 26, pl. 5, figs 1, 2, 4.

Holotype: MA70983, left valve, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitemata Brewery well, Ōtāhuhu, Auckland, New Zealand.

Paratype: MA72978, dorsal fragment of right valve, from the type locality.

Current name: *Atamarcia (Opimarcia) healyi* (Marwick, 1948) – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Finlaya parthiana* Marwick, 1927

Marwick, J., 1927, p. 596, pl. 40, figs 60–62.

Holotype: MA70323, left valve, collected from the early Paleocene (lower Teurian) of Boulder Hill, near Dunedin, Otago, New Zealand.

Remarks: Type for the genus.

Current name: *Marwickia parthiana* (Marwick, 1927) – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Kuia macdowalli* Marwick, 1927

Marwick, J., 1927, p. 601, pl. 42, figs 98–100.

Holotype: MA70380, left valve, collected from middle Miocene (Waiauian) Third Bay Sandstone, [Finlay's bed 6D (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA73121, four articulated specimens and one left valve; MA73136, one right and one left valve, all collected from middle Miocene (Lillburnian) Lima Sand, [Finlay's bed 7C (for correlation see Fleming *et al.* 1969)], Clifden, NW of the type locality; MA73122, one articulated specimen and two left valves, collected from middle Miocene (Waiauian) [Finlay's bed 8B (for correlation see Fleming *et al.* 1969)], Clifden, precise location unknown; MA73123, one articulated specimen and one right valve, from the type locality.

Remarks: Finlay's subdivision of Clifden Beds 7 and 8 cannot be identified with confidence, and specimens from Finlay's 7C can probably be matched to their source horizon only by comparing their preservation with that of later collections (Fleming *et al.* 1969: 77, 93).

Current name: *Kuia macdowalli* Marwick, 1927 – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

†*Kuia singularis* Marwick, 1927

Marwick, J., 1927, p. 601, pl. 42, figs 96, 97.

Holotype: MA70381, damaged left valve, collected from the late Miocene (Kapitean) at Mussel Beach, Te Waewae Bay, Southland, New Zealand.

Current name: *Marama (Hina) singularis* (Marwick, 1927) – Maxwell in Spencer *et al.* (2009: 238); MolluscaBase (2023).

†*Marama hurupiensis* Marwick, 1927

Marwick, J., 1927, p. 604, pl. 45, figs 125, 126.

Holotype: GNS TM 4517

Paratype: MA73125, articulated specimen, collected from the type locality, the late Miocene (Tongaporutuan), Hurupi Formation, Hurupi Stream, NE Palliser Bay, New Zealand.

Current name: *Marama (Marama) hurupiensis* Marwick, 1927 – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

†*Marama (Hina) hendersoni* Marwick, 1927

Marwick, J., 1927, p. 607, pl. 43, figs 107, 108.

Holotype: GNS TM 4525

Paratype: MA71999, articulated right and left valves, collected from the type locality, the middle Miocene (Lilburnian) Mokau Sandstone, Tongaporutu River, Taranaki, New Zealand.

Current name: *Marama (Hina) hendersoni* Marwick, 1927 – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

†*Notirus caudex* Laws, 1936

Laws, C.R., 1936a, p. 57, pl. 11, fig. 39.

Holotype: MA70526, single left valve, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Irus (Notirus) caudex* (Laws, 1936) – Maxwell in Spencer *et al.* (2009: 238); MolluscaBase (2023).

†*Notocallista (Fossacallista) exigua* Marwick, 1938

Marwick, J., 1938, p. 77, pl. 13, figs 10, 11.

Holotype: MA70529, left valve, collected from the late Eocene (Aldingan) at Port Willunga, South Australia, Australia.

Remarks: Marwick published the age as Oligocene–Miocene (Janjukian) and gave the location as Aldinga, South Australia. However, the labels with the specimen, including H.J. Finlay’s original labels, give two conflicting locations (Aldinga and Adelaide bore gnds [*sic*]) and ages (Aldingan and Janjukian) for the specimen. Based on an image of the specimen sent to him, T. Darragh (pers comm. 2014) suggested that from the little matrix still adhering to the interior of the specimen it appears to be from the Blanche Point Marl outcropping in the cliffs at Port Willunga. The age of the Blanche Point Marls at Port Willunga

is late Eocene. Darragh also suggests that Marwick’s species could be a junior synonym of *Notocallista (Fossacallista) tatei*, but further revision is required.

Current name: *Notocallista (Fossacallista) exigua* Marwick, 1938 – Darragh (1970: 137); MolluscaBase (2023).

†*Notocallista (Fossacallista) opima* Marwick, 1938

Marwick, J., 1938, pp. 76, 77, pl. 13, figs 13–15.

Holotype: MOV P15434

Paratypes: MA73209, six right and two left valves, collected from the type locality, the middle Miocene (Balcombian) Gellibrand Formation at Fossil Beach, Balcombe Bay, Victoria, Australia.

Current name: *Notocallista (Fossacallista) opima* Marwick, 1938 – Darragh (1970: 143); MolluscaBase (2023).

†*Notocallista (Fossacallista) singletoni* Marwick, 1938

Marwick, J., 1938, p. 78, pl. 14, figs 15, 16.

Holotype: MA70532, right valve, collected from early Miocene (Longfordian) Fossil Bluff Sandstone at Fossil Bluff, near Wynyard, Tasmania, Australia.

Current name: *Notocallista (Fossacallista) singletoni* Marwick, 1938 – Darragh (1970: 147); MolluscaBase (2023).

†*Notocallista (Fossacallista) tecta* Marwick, 1938

Marwick, J., 1938, p. 75, pl. 14, figs 5, 6.

Holotype: MA70533, right valve, collected from late Oligocene (Duntroonian) Chatton Shellbed, Shell Gully, Chatton, Southland, New Zealand.

Paratypes: MA72935, partial right and complete left valves, from the type locality.

Current name: *Notocallista (Fossacallista) tecta* Marwick, 1938 – Maxwell in Spencer *et al.* (2009: 238); MolluscaBase (2023).

†*Notocallista (Fossacallista) tersa* Marwick, 1938

Marwick, J., 1938, pp. 75, 76, pl. 14, figs 4, 7.

Holotype: MA70534, right valve, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Oamaru, Otago, New Zealand.

Paratypes: MA73110, three right and three unrelated left valves, from the type locality.

Current name: *Notocallista (Fossacallista) tersa* Marwick, 1938 – Maxwell in Spencer *et al.* (2009: 238); MolluscaBase (2023).

†*Notocallista (Fossacallista) watti* Marwick, 1938

Marwick, J., 1938, p. 75, pl. 14, figs 12, 13.

Holotype: GNS TM 4578

Paratype: MA72938, right valve, collected from late Oligocene/early Miocene (Waitakian) Otekaike Limestone, ‘Trig Z’ (Fossil Record File I40/f9519), Otiake, Waitaki Valley, Otago, New Zealand.

Current name: *Notocallista (Fossacallista) watti*

Marwick, 1938 – Maxwell in Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Notocallista (Striacallista) lutea* Marwick, 1938

Marwick, J., 1938, p. 72, pl. 13, figs 5, 6.

Holotype: MA70530, left valve, collected from the middle Miocene (Balcombian) Muddy Creek Formation, Clifton Bank, Hamilton, Southern Grampians Shire, Victoria, Australia.

Remarks: For the locality and age see Fitzgerald (2004: 187).

Paratypes: MA73111, unrelated right and left valves, from the type locality.

Current name: *Notocallista (Striacallista) lutea* Marwick, 1938 – Darragh (1970: 141); MolluscaBase (2023).

† *Notocallista (Striacallista) mollesta* Marwick, 1938

Marwick, J., 1938, p. 73, pl. 13, figs 7–9.

Holotype: GNS specimen not found (May 2023).

Paratype: MA73210, left valve, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Remarks: The Metropolitan Abattoirs Bore material held by AM came via the H.J. Finlay Collection. There are no original labels and Finlay's labels all record that the material was collected from '400–500 ft' below the ground surface. Powell (1944) followed Ludbrook (1941) in reporting this material as 'Lower Mid. Pliocene' (Adelaidean) in age. However, Howchin and Parr (1938: 288, 287) and Ludbrook (1941: 79) noted that the bore penetrated more than one shell-bearing horizon, including Miocene shell beds. On the basis of the molluscan fauna it contained, Beu and Darragh (2001: 33) revised the age of the lower Dry Creek Sand as Bairnsdalian in age.

Current name: *Notocallista (Striacallista) mollesta* Marwick, 1938 – Darragh (1970: 142); MolluscaBase (2023).

† *Notocallista (Striacallista) pestis* Marwick, 1938

Marwick, J., 1938, pp. 73, 74, pl. 13, figs 3, 4.

Holotype: MA70531, right valve, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Remarks: See MA73210 (above) for further notes on the age of Metropolitan Abattoirs Bore fossils. *Notocallista (Striacallista) mollesta* Marwick, 1938 and *Notocallista (Striacallista) pestis* Marwick, 1938 are likely to be synonymous (T.A. Darragh pers. comm. Aug 2023).

Current name: *Notocallista (Striacallista) pestis* Marwick, 1938 – Darragh (1970: 144); MolluscaBase (2023).

† *Paphia (Callistotapes) finlayi* Marwick, 1927

Marwick, J., 1927, p. 633, figs 208, 209.

Holotype: MA70583, right valve, collected from middle Miocene (Lillburnian) Lill Sand, [Finlay's bed 7A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA71986, partially intact articulated specimen, from the type locality.

Remarks: Left valve is missing the anterior and hinge.

Current name: *Paphia (Callistotapes) finlayi* Marwick, 1927 – Maxwell in Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Paradione (Notocallista) trigonalis* Marwick, 1927

Marwick, J., 1927, pp. 593, 594, fig. 73.

Holotype: MA70585, articulated specimen, collected from the early Miocene (Altonian) Long Beach Shellbed, [Finlay's bed 6B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA73112, one right and two left valves, from the type locality.

Current name: *Rohea trigonalis* (Marwick, 1927) – Maxwell in Spencer *et al.* (2009: 238); MolluscaBase (2023).

Plurigens phenax Finlay, 1930

Finlay, H.J., 1930c, pp. 246, 247, pl. 42, figs 3, 4, 11.

Holotype: MA70632, left valve, collected from 110 m (60 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratype: MA72594, right valve; MA72919, right valve; MA73087, three right and five unrelated left valves; all from the type locality.

Remarks: Type for the genus.

Current name: *Tawera phenax* (Finlay, 1930) – MolluscaBase (2023).

Tawera bollonsi Powell, 1932

Powell, A.W.B., 1932a, pp. 68–70, pl. 6, figs 5, 6.

Holotype: MA70758, right valve, collected by J. Bollons in 1922, from the Auckland Islands, New Zealand.

Paratype: MA71425, left valve, from the type locality.

Current name: *Tawera sphaericula* (Deshayes, 1853) – MolluscaBase (2023).

† *Tawera duobrunnea* Marwick, 1948

Marwick, J., 1948, p. 25, pl. 2, figs 2, 3, 5, 6.

Holotype: MA71133, right valve, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitemata Brewery well, Ōtāhuhu, Auckland, New Zealand.

Paratypes: MA72999, unrelated right and left valves, from the type locality.

Current name: *Tawera duobrunnea* Marwick, 1948 – Maxwell in Spencer *et al.* (2009: 238); MolluscaBase (2023).

***Tawera marionae* Finlay, 1928**

Finlay, H.J., 1928, pp. 277, 278, pl. 40, figs 21–24.

Holotype: MA70759, right and left valves, collected from 110 m (60 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratypes: MA72963, one articulated specimen, five right and five related left valves, from the type locality.

Current name: *Tawera marionae* Finlay, 1928 – MolluscaBase (2023).

† *Tawera marthae* Marwick, 1928

Marwick, J., 1928, p. 471, figs 72, 75, 76.

Holotype: GNS TM 4557

Paratypes: MA73200, four right and five left valves, collected from the type locality, the Early Pleistocene (Nukumaruan) Titirangi Sand, Titirangi, Chatham Islands, New Zealand.

Current name: *Tawera marthae* Marwick, 1928 – Maxwell in Spencer *et al.* (2009: 238); MolluscaBase (2023).

***Tawera rosa* Powell, 1955**

Powell, A.W.B., 1955, p. 41, pl. 5, figs 41, 42.

Holotype: GNS TM 379

Paratypes: MA72378, three left valves, collected by C.A. Fleming during 1942–1943 as part of the ‘Cape Expedition’, from the type locality, the outer coast of the main island opposite Rose Island, Auckland Islands, New Zealand.

Current name: *Tawera rosa* Powell, 1955 – MolluscaBase (2023).

† *Turia chattonensis* Marwick, 1927

Marwick, J., 1927, pp. 611, 612, pl. 41, figs 85–87.

Holotype: MA70805, right valve, collected from the late Oligocene (Duntroonian) Chatton Formation, Chatton, Southland, New Zealand.

Paratypes: MA72375, eight right and 17 left valves, from the type locality.

Remarks: Also the type for the genus.

Current name: *Turia chattonensis* Marwick, 1927 – Maxwell in Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Turia pukeuriensis* Marwick, 1927

Marwick, J., 1927, p. 612, pl. 41, figs 79–81.

Holotype: GNS TM 4516

Paratypes: MA72975, one articulated specimen, 16 right and 22 left valves, and various fragments, collected from early Miocene (Altonian) Calamity Point Sandstone, [Finlay’s bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Turia pukeuriensis* Marwick, 1927 – Maxwell in Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Turia waiauensis* Marwick, 1927

Marwick, J., 1927, pp. 612, 613, pl. 41, figs 82–84.

Holotype: MA70806, left valve, collected from middle Miocene (Waiauan) Nissen Shellbeds 2–6, [Finlay’s bed 8A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA71976, 64 right and 50 left valves; MA73476, figured right valve; all from the type locality.

Remarks: Finlay’s subdivision of Clifden beds 7 and 8 cannot be identified with confidence (Fleming *et al.* 1969: 77).

Current name: *Turia waiauensis* Marwick, 1927 – Maxwell in Spencer *et al.* (2009: 238); MolluscaBase (2023).

Family NEOLEPTONIDAE***Neolepton caledonicum* Salas & Gofas, 1998**

Salas, C. and S. Gofas, 1998, pp. 47–49, figs 48–57.

Holotype: MNHN IM-2000-38026

Paratypes: MA73120, nine articulated specimens and disarticulated right and left valves of one specimen, collected in September 1993, from the type locality, station 1240, Montrouzier Expedition, Touho Bay, New Caledonia, French Overseas Territory.

Current name: *Neolepton caledonicum* Salas & Gofas, 1998 – MolluscaBase (2023).

***Notolepton sublaevigatum* Powell, 1937**

Powell, A.W.B., 1937b, pp. 171, 172, pl. 47, fig. 7.

Holotype: NHM 1962941

Paratypes: MA71889, one articulated specimen, 15 right and 17 left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: In 1994 these specimens were examined by S. Gofas, then of the MNHN, and two specimens were set apart as these are probably not conspecific with the others.

Current name: *Neolepton sublaevigatum* (Powell, 1937) – MolluscaBase (2023).

***Notolepton subobliquum* Powell, 1937**

Powell, A.W.B., 1937b, p. 172, pl. 47, fig. 6.

Holotype: NHM 1962943

Paratypes: MA72212, ten right and five left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Neolepton subobliquum* (Powell, 1937) – MolluscaBase (2023).

***Notolepton triangulare* Dell, 1956**

Dell, R.K., 1956a, pp. 30, 31, pl. 5, fig. 41.

Holotype: NMNZ M.009754

Paratype: MA72759, unrelated right and left valves, collected by R.K. Dell on 7 February 1954, from the type locality, C.I.E. station 44, north east of Kaingaroa, Chatham Islands, New Zealand.

Current name: *Neolepton triangulare* (Dell, 1956) – MolluscaBase (2023).

***Pachykellya bernardi* Powell, 1927**

Powell, A.W.B., 1927a, p. 121, pl. 23, fig. 3.

Holotype: CM M854

Paratype: MA72350* (missing), dredged by a private scientific party in December 1908, from the type locality, off the steamer *Rakiura* in 311 m (170 fathoms) depth, off Puysegur Point, Southland, New Zealand.

Remarks: In the type paper (Powell, 1927a), Powell listed only one specimen found at 170 fathoms and none found at 100 fathoms. In addition, at the end of each new species description he listed the holotype as well as the number of paratypes. For *P. bernardi* he only lists a holotype. It is assumed therefore that there were no paratypes for this species and that the AM paratype record was created in error.

Current name: *Pachykellya bernardi* Powell, 1927 – MolluscaBase (2023).

***Pachykellya concentrica* Powell, 1927**

Powell, A.W.B., 1927a, p. 121, pl. 23, fig. 2.

Holotype: CM M859

Paratypes: MA72352* (missing), six specimens, dredged by a private scientific party in December 1908, from the type locality, off the steamer *Rakiura* in 311 m (170 fathoms) depth, off Puysegur Point, Southland, New Zealand.

Remarks: These specimens have not been found since at least 1993.

Current name: *Pachykellya concentrica* Powell, 1927 – MolluscaBase (2023).

***Pachykellya minima* Powell, 1931**

Powell, A.W.B., 1931b, p. 372, text fig. on p. 372.

Syntypes: CM M822, M823, nine specimens.

Syntypes: MA72355, one articulated specimen, three right and one left valves, collected from the type locality, 155 m (85 fathoms) 16 km (10 miles) north of Enderby Island, Auckland Islands, New Zealand.

Remarks: All valves except one right valve are affected by glass disease. The specimens held at CM are labelled as syntypes. The label in Powell's hand which accompanies the specimens in MA72355 has: 'Paratypes. Pres[ent] Professor R. Speight. 283/31', the last numbers being the registration in the AM accession register for 1931. Powell (1931b: 371) wrote that 'The types of these have now been returned to the Museum, and the writer wishes to record his thanks to the Curator, Professor R. Speight, for making the material available for study'. This suggests that, as the authority for the species, Powell at least was of the opinion that the specimens he'd held back in Auckland were paratypes because he labelled them as such. Presumably

the one(s) which were returned were a primary type and other specimens in the type series. However, if Powell did not properly label the holotype, or the information was subsequently lost, then all specimens (at AM and CM) will have to be accepted as syntypes.

Current name: *Pachykellya minima* Powell, 1931 – MolluscaBase (2023).

***Pachykellya rotunda* Powell, 1927**

Powell, A.W.B., 1927a, p. 121, pl. 23, fig. 4.

Holotype: CM M866

Paratypes: MA72351, two right and two left valves, dredged by a private scientific party in December 1908, from the type locality, off the steamer *Rakiura* in 183 m (100 fathoms) depth, off Puysegur Point, Southland, New Zealand.

Current name: *Pachykellya rotunda* Powell, 1927 – MolluscaBase (2023).

***Puysegeria cuneata* Powell, 1927**

Powell, A.W.B., 1927a, p. 122, pl. 23, fig. 5.

Syntypes: CM M863, two specimens

Syntypes: MA72353* (missing), two specimens, dredged by a private scientific party in December 1908, from the type locality, off the steamer *Rakiura* in 311 m (170 fathoms) depth, off Puysegur Point, Southland, New Zealand.

Remarks: These specimens have not been found since at least 1993. This is the type species for the genus. In Powell (1927a) the genus was consistently spelled as *Puysegeria*, as was the geographical location, Puyseger Point, after which it is presumably named. In Powell (1931a: 110) the original spelling is retained, but in Powell (1939: 225) the spelling is changed to the more etymologically correct *Puyseguria* with specific reference to the emendation. Powell (1941a) has both spellings in his list of 'Biological primary types in the Auckland Museum', but subsequent authors have used the 1939 emended spelling of *Puyseguria*.

Current name: *Puyseguria cuneata* Powell, 1927 – MolluscaBase (2023).

† *Puysegeria wanganuica* Powell, 1931

Powell, A.W.B., 1931a, pp. 110, 111, pl. 14, fig. 39.

Holotype: MA70654, left valve, collected by A.W.B. Powell in January 1931, from the Early–Middle Pleistocene (Castlecliffian) at Castlecliff, Manawatū–Whanganui, New Zealand.

Paratypes: MA71670, two articulated specimens, two right and one left valves, from the type locality.

Remarks: See above remarks for *Puysegeria cuneata* for the correct spelling of the genus.

Current name: *Puyseguria wanganuica* Powell, 1931 – Maxwell in: Spencer *et al.* (2009: 236); MolluscaBase (2023).

***Puyseguria tani* Powell, 1939**

Powell, A.W.B., 1939, p. 225, pl. 48, fig. 2.

Holotype: MA70653, left valve, collected by A.W.B. Powell in November 1934, from ‘Old Neck Beach’, presumed here to be The Neck, Paterson Inlet, Stewart Island/Rakiura, New Zealand.

Paratypes: MA71544, four articulated, 31 right and 28 left valves, from the type locality.

Remarks: See above remarks for *Puyseguria cuneata* for the correct spelling of the genus.

Current name: *Puyseguria tani* Powell, 1939 – MolluscaBase (2023).

Superfamily uncertain**Family HEMIDONACIDAE*****Hemidonax arafurensis* Ponder, Colman, Yonge & Colman, 1981**

Ponder, W.F., Colman, P.H., Yonge, C.M. and M.H. Colman, 1981, p. 51, figs 1–5, 11, 12; pl. 2, figs 6–8.

Holotype: AMS C.117895

Paratype: MA73217, articulated specimen, collected by P.H. Colman on 26 October 1969, from the type locality, a sandbar off Emery Point, Darwin, Northern Territory, Australia.

Current name: *Hemidonax arafurensis* Ponder, Colman, Yonge & Colman, 1981 – MolluscaBase (2023).

Order MYIDA**Superfamily MYOIDEA****Family CORBULIDAE*****Corbula pura* Webster, 1905**

Webster, W.H., 1905, p. 279, pl. 10, figs 12, 12a.

Holotype: MA70203, articulated specimen, dredged from Rangitoto Channel, Waitematā Harbour, Auckland, New Zealand.

Paratypes: MA71984, right and left valves of a disarticulated specimen, from the type locality.

Current name: *Corbula (Anisocorbula) zelandica* Quoy & Gaimard, 1835 – MolluscaBase (2023).

Superfamily PHOLADOIDEA**Family PHOLADIDAE****† *Parapholas aucklandica* Powell, 1938**

Powell, A.W.B., 1938a, p. 368, pl. 38, figs 5, 6.

Holotype: MA70586, articulated specimen, collected by A.W.B. Powell, from the early Miocene (Otaian) Tipakuri Formation at ‘Fossil Bay’ just south of Church Bay (sometimes known as Squadron Bay), Waiheke Island, Auckland, New Zealand.

Paratypes: MA71711, five articulated specimens, from the type locality.

Current name: *Parapholas thomsoni* (Suter, 1917) – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

***Pholadidea acherontea* Beu & Climo, 1974**

Beu, A.G. and F.M. Climo, 1974, pp. 310–312, figs 5–9.

Holotype: GNS TM 5360

Paratypes: MA72876, articulated whole specimen, a disarticulated whole specimen, and three fragments of the siphonoplax of the disarticulated (largest) specimen. Dried animals inside both specimens, collected off the RV *Acheron* on 11 May 1972, from boulders at 448–512 m depth, from the type locality, Turakirae Trench, Palliser Bay, New Zealand.

Current name: *Pholadidea acherontea* Beu & Climo, 1974 – MolluscaBase (2023).

† *Pholadidea finlayi* Laws, 1936

Laws, C.R., 1936a, pp. 57, 58, pl. 11, figs 41, 42.

Holotype: MA70619, right and left valves which are closely matched in size, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratype: MA72690, hinge section with partial left and right valves, from type locality.

Remarks: MA70619 consists of a closely matched right and left valve which may have belonged to the same individual. However, Laws (1936a) figured only the right valve in pl. 11. He also stated that ‘Type in writer’s collection’ and that ‘There are 2 sets of valves, and odd adult left valve and a very young left valve.’

Current name: *Pholadidea finlayi* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

Family TEREDINIDAE***Bankia neztalia* R.D. Turner & McKoy, 1979**

Turner, R.D. and J.L. McKoy, 1979, pp. 467–473, figs 2–9, 17.

Holotype: MCZ 280345

Paratype: MA73382, nine whole organisms, in 70% ethanol, collected from the type locality, Mahanga Bay, Wellington, New Zealand.

Current name: *Bankia neztalia* R.D. Turner & McKoy, 1979 – MolluscaBase (2023).

† *Bankia turneri* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 410–412, pl. 44, figs 74, 75.

Holotype: MA72016, left valve, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratypes: MA71694, a partial right valve, two partial left valves, a hinge fragment (?), from the type locality.

Current name: *Bankia turneri* Powell & Bartrum, 1929 – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

Order uncertain**Superfamily HIATELLOIDEA****Family HIATELLIDAE*****Panopea smithae* Powell, 1950**

Powell, A.W.B., 1950, pp. 78, 79, pl. 7, fig. 5, text figs 4–6.

Holotype: MA71166, disarticulated right and left valves, collected by A. Black, from 128 m (70 fathoms) depth, off eastern Otago, New Zealand.

Current name: *Panopea smithae* Powell, 1950 – MolluscaBase (2023).

† *Panopea wanganuica* Powell, 1950

Powell, A.W.B., 1950, p. 80, pl. 7, fig. 6, text figs 7, 8.

Holotype: MA71167, disarticulated right and left valves, collected from the Early–Middle Pleistocene (Castlecliffian) Kupe Formation, (bed CL10 of Fleming 1947; 1953), Kai Iwi Beach, Manawatū-Whanganui, New Zealand.

Current name: *Panopea smithae* Powell, 1950 – Beu (2006: 292); MolluscaBase (2023).

Order PHOLADOMYIDA**Superfamily MYOCHAMOIDEA****Family MYOCHAMIDAE****† *Myadora kaiiwiensis* Powell, 1931**

Powell, A.W.B., 1931a, pp. 111, 112, pl. 14, figs 37, 38.

Holotype: MA70508, disarticulated right and left valves possibly from same individual, collected by A.W.B. Powell in 1931, from the Early–Middle Pleistocene (Castlecliffian), 800 m (0.5 mile) NW of Kai Iwi Stream, Manawatū-Whanganui, New Zealand.

Remarks: Beu (2006: 308) suggested that lower Kai-Iwi Siltstone is likely to be the provenance of the type, as the species is particularly common and well preserved in this formation. However, it occurs in all siltstone units in the Castlecliff section between lower Okehu Siltstone and Kupe Formation (Beu pers. comm. 2016).

Current name: *Myadora kaiiwiensis* Powell, 1931 – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

† *Myadora waitotarana* Powell, 1931

Powell, A.W.B., 1931a, p. 95, pl. 12, figs 26, 27.

Holotype: MA70509, articulated right and left valves, collected by A.W.B. Powell in 1931, from the late Pliocene (Waipipian) Tangahoe Formation near the mouth of Waihi Stream, Hawera, New Zealand.

Current name: *Myadora waitotarana* Powell, 1931 – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

Family CLEIDOTHAERIDAE***Cleidotherus maorianus* Finlay, 1926**

Finlay, H.J., 1926b, pp. 474, 475, pl. 22, figs 125, 126.

Holotype: MA70176, disarticulated specimen, collected from Kawhia Harbour, Waikato, New Zealand.

Paratype: MA72549, disarticulated specimen, from the type locality.

Remarks: No collection date available.

Current name: *Cleidotherus albidus* (Lamarck, 1819) – Beu and Maxwell (1990: 154); MolluscaBase (2023).

Superfamily PHOLADOMYOIDEA**Family PARILIMYIDAE****† *Pholadomya waitotarana* Powell, 1931**

Powell, A.W.B., 1931a, p. 96, pl. 11, fig. 16.

Holotype: MA70620, distorted but articulated right and left valves, collected by A.W.B. Powell in January 1931, from the late Pliocene (Waipipian) Waipipi Formation, near the mouth of the Wairoa Stream, on the coast near Waverley, New Zealand.

Current name: ‘*Parilimya*’ *waitotarana* (Powell, 1931) – Maxwell in: Spencer *et al.* (2009: 238); MolluscaBase (2023).

Superfamily THRACIOIDEA**Family THRACIIDAE****† *Eximiothracia pusillior* Laws, 1936**

Laws, C.R., 1936a, p. 58, fig. 40.

Holotype: GNS TM 2198

Paratype: MA72691, right valve, collected from the type locality, the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Asthenotherus pusillior* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

***Myodora biconvexa* Powell, 1927**

Powell, A.W.B., 1927a, p. 123, pl. 23, fig. 9.

Syntypes: CM M861; M862, 12 specimens.

Syntypes: MA72354, two right and four unrelated left valves, dredged by a private scientific party in December 1908, from the type locality, off the steamer *Rakiura* in 311 m (170 fathoms) depth, off Puysegur Point, Southland, New Zealand.

Remarks: Powell (1927a: 123) stated that the holotype consists of ‘2 odd valves’.

Current name: *Barytherus biconvexus* (Powell, 1927) – MolluscaBase (2023).

***Parvithracia cuneata* Powell, 1937**

Powell, A.W.B., 1937b, p. 174, pl. 46, fig. 9.

Holotype: NHM 1962949

Paratype: MA72215, right valve, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Barythaerus cuneatus* (Powell, 1937) – MolluscaBase (2023).

Family LATERNULIDAE

†*Laternula synthetica* Marwick, 1948

Marwick, J., 1948, p. 27, pl. 6, figs 13–15.

Holotype: MA71006, right valve hinge fragment, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitematā Brewery well, Ōtāhuhu, Auckland, New Zealand.

Remarks: MA71006 consists of seven fragments figured in Marwick's (1948) reconstruction (pl. 6, fig. 15), but only the hinge fragment is named as the holotype. The remaining fragments do not appear to have any type status.

Current name: *Laternula laterna* (Lamarck, 1818) – Beu (2004: 184); MolluscaBase (2023).

Superfamily CUSPIDARIOIDEA

Family CUSPIDARIIDAE

Austroneaera brevirostris Powell, 1937

Powell, A.W.B., 1937b, pp. 174, 175, pl. 48, fig. 11.

Holotype: NHM 1962950

Paratypes: MA72216, articulated individual, three right valves and three unrelated left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Austroneaera brevirostris* Powell, 1937 – MolluscaBase (2023).

Austroneaera finlayi Powell, 1937

Powell, A.W.B., 1937b, p. 175, pl. 48, fig. 12.

Holotype: MA70071, disarticulated valves of single individual, dredged by J. Bollons, from 110 m (60 fathoms) depth, off Poor Knights Islands, Northland, New Zealand.

Paratypes: MA71893, disarticulated right and left valves of one individual and one left valve, from the type locality.

Remarks: Although the species was published in the RRS *Discovery II* cruise report, the type material came from the collection of H.J. Finlay and no further collecting data are available.

Current name: *Austroneaera finlayi* Powell, 1937 – MolluscaBase (2023).

Family SPHENIOPSIDAE

Mysella aupouria Powell, 1937

Powell, A.W.B., 1937b, pp. 172, 173, pl. 47, fig. 5.

Holotype: NHM 1962944

Paratypes: MA71890, two left valves, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Grippina aupouria* (Powell, 1937) – MolluscaBase (2023).

Superfamily VERTICORDIOIDEA

Family EUCIROIDAE

†*Euciroa (Euciroa) maoriana* Eagle, 2000

Eagle, M.K., 2000, pp. 163–165, figs 43, 44.

Holotype: MA72657, right valve, collected by M.K. Eagle, from the early Miocene (Altonian) Nihotupu Formation, south end of Maukatia Bay, Muriwai, west Auckland, New Zealand.

Current name: *Euciroa maoriana* Eagle, 2000 – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

Class SCAPHOPODA

Order DENTALIIDA

Family DENTALIIDAE

†*Laevidentalium multistricum* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 93, pl. 13, fig. 3.

Holotype: GNS TM 4811

Paratype: MA72865, one specimen, collected from the early Paleocene (lower Teurian) of Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Graptacme multistricta* (Finlay & Marwick, 1937) – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

Order GADILIDA

Family GADILIDAE

Cadulus teliger Finlay, 1926

Finlay, H.J., 1926b, p. 444, pl. 19, figs 52, 54; refigured in Blom (2017: fig. 1j).

Holotype: MA70127, collected [by J. Bollons], from 174 m (95 fathoms) depth, [22.5 km (14 miles)] north of the Auckland Islands, New Zealand.

Paratypes: MA72539, 98 specimens, from the type locality.

Current name: *Cadulus teliger* Finlay, 1926 – MolluscaBase (2023).

Class CEPHALOPODA**Subclass AMMONOIDEA****Order AMMONITIDA****Superfamily DESMOCERATOIDEA****Family KOSSMATICERATIDAE****†*Tainuia aucklandicus* P. Marshall, 1926**

Marshall, P., 1926, pp. 186, 187, pl. 24, fig. 2; pl. 34, fig. 3; pl. 46, figs 1–3.

Holotype: MA70752, collected from Cretaceous concretions in the Northland Allochthon, ‘Nedler’s Point’, Waitapu Bay, Whangaroa, Northland, New Zealand.

Remarks: It is not clear from labels with the specimen or from P. Marshall (1926) when the specimen was collected or who collected it. P. Marshall (1926: 131) stated that ‘In 1875 Mr. R. Bell, who then lived on the north side of the Whangaroa Harbour, near Totara North, sent several specimens to the Auckland Museum. Among these is a poor specimen of *Gaudryceras kayei* Forbes, and an excellent specimen of *Tainuia multispinosa* n. sp.’. The 1875 date is corroborated by the AM Annual Report for 1875–1876, p. 13, which listed as part of the acquisitions for the period ‘Series of Fossils from Whangaroa: – R. Bell’. According to Henderson (1970: 1), Marshall also made his own collections from Waitapu Bay. After his initial mention of the new species, P. Marshall (1926: 131) made no further reference to *Tainuia multispinosa* n. sp. but goes on to describe *Tainuia aucklandicus* on pp. 186, 187 ‘from Whangaroa’. This may have been the ‘excellent specimen of *Tainuia multispinosa* n. sp.’ collected by Bell in 1875, or a later one collected by Marshall.

Current name: *Jacobites (Tainuia) aucklandicus* P. Marshall, 1926 – Henderson (1970: 49, 50); MolluscaBase (2023).

Family PACHYDISCIDAE**†*Eupachydiscus depressus* Henderson, 1970**

Henderson, R.A., 1970, pp. 60, 61, pl. 15, fig. 1.

Holotype: MA71302, collected from the Cretaceous (Piripauan), Waimarama Beach, Hawke’s Bay, New Zealand.

Current name: *Eupachydiscus depressus* Henderson, 1970 – Henderson (1970: 60, 61); MolluscaBase (2023).

Superfamily TURRILITOIDEA**Family NOSTOCERATIDAE****†*Pseudoxybeloceras compressum* Henderson, 1970**

Henderson, R.A., 1970, p. 31, pl. 4, fig. 4.

Holotype: MA71301, collected from the Cretaceous (Piripauan), Mangamuka River, Hokianga, Northland, New Zealand.

Current name: *Pseudoxybeloceras compressum* Henderson, 1970 – Paleobiology Database (2023); MolluscaBase (2023).

Subclass COLEOIDEA**Order OCTOPODA****Superfamily OCTOPODOIDEA****Family OCTOPODIDAE*****Octopus jollyorum* A. Reid & N.G. Wilson, 2015**

Reid, A. and N.G. Wilson, 2015, pp. 357–362, figs 18–38, table 3.

Holotype: MA119967, collected by M. Francis and A. Reid on 15 May 2011, from 10 m depth, Boat Cove, Raoul Island, Rangitāhua/Kermadec Islands, New Zealand.

Paratype: MA119968, collected by G. Wiren and Kermadec Biodiscovery Expedition Party, on 26 May 2011, from 18–22 m depth, west side of l’Esperance Rock, Rangitāhua/Kermadec Islands, New Zealand.

Current name: *Octopus jollyorum* A. Reid & N.G. Wilson, 2015 – MolluscaBase (2023).

Class GASTROPODA**Subclass PATELLOGASTROPODA****Order PATELLIDA****Superfamily PATELLOIDEA****Family PATELLIDAE****†*Scutellastra cooperi* Powell, 1938**

Powell, A.W.B., 1938a, p. 379, pl. 39, figs 13, 14.

Holotype: MA70706, incomplete specimen, collected by C. Cooper, from the early Miocene (Otaian) Cape Rodney Formation, 200 m east of Nga Taikorapa, Motuihe Island, Auckland, New Zealand.

Paratype: MA72420, from the type locality.

Current name: *Scutellastra cooperi* Powell, 1938 – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

***Scutellastra tucupiana* Powell, 1925**

Powell, A.W.B., 1925, pp. 169–170 (figured, no plate number).

Holotype: MA72139, is here accepted to have been collected by the J.L.A. Kayll in 1922, from a reef on Tikopia Island, Temotu Province, Solomon Islands.

Paratype: MA71405, from the type locality.

Remarks: The holotype and paratype are the only specimens known of the species and there is a suspicion that they are mislocalised. The specific name is taken from Tikopia (spelled by Powell as Tucopia), which is the southernmost island in the Temotu Province of the Solomon Islands. Culturally its people are Polynesian (Wikipedia 2019) while geographically it is in Melanesia, and it has had a long association with New Zealand through the activities of the Melanesian Mission. Powell (1925) recorded the collector as J.L.A. Kayll 1922 (Blom 2019: fig. 1d) and in his type description stated that ‘During a recent visit to Tucopia Island, Melanesia, the Rev. J.L.A. Kayll, of

the Melanesian Mission, obtained from a native two specimens of a large, handsome limpet, of the genus *Scutellastra*, which were stated to have been found alive on an adjacent reef.’

In 2012 P. Bouchet (NMNH) indicated that the species was on his radar of ‘possibly extinct’ marine species as it has not been collected since Powell’s (1925) original (Bouchet pers. comm. 2012). As the types are the only two specimens and there are no records of giant limpets from archaeological excavations in Tikopia, he also suggested that they could be mislocalised. If so, then *Scutellastra tucopiana* could be synonymous with a giant limpet from elsewhere in the world.

From comparisons with specimens held in the AM collections the taxon appears to be closest to the SW Australian *S. laticostata*. However, a comparison of the paratype with specimens held at Western Australian Museum, Perth, proved inconclusive.

From 1896 until his death in 1944, the Rev. J.L.A. Kayll was a Diocesan Chaplain of the Anglican Church in parishes all over New Zealand (Derbyshire 2006). Apart from being an Anglican minister, criminologist and prison reformer (Te Ara 2019), records show that Kayll was also directly involved with the Church’s Melanesian Mission as its Organising Secretary, probably for several years from 1919 (Steward 1919). While those same records fail to mention him ever having travelled to Melanesia himself, he was involved in the commissioning of a promotional film of the region for the Melanesian Mission (Ramage 2015). A letterbook (MS-187) of the period, held in AM’s archives on behalf of the Mission, contains dozens of copies of letters signed by Kayll, some of which reference his having contracted malaria (letters dated 9 and 12 June 1922), and watercolours painted by him of ‘the islands’ (letter dated 12 June 1922).

In addition, there are a further eight specimens, almost all *Placostylus* species, in AM’s collections which are attributed to the Rev. Kayll as the collector. They are all from the Solomon Islands, and where collection dates are recorded, these are 1922 and 1924. It therefore seems quite plausible that J.L.A. Kayll did visit the Solomon Islands, and that he himself obtained the specimens of *S. tucopia* while in Tikopia.

Current name: *Scutellastra tucopiana* Powell, 1925 – MolluscaBase (2023).

Superfamily LOTTIOIDEA

Family LOTTIIDAE

Acmaea intermedia Suter, 1907

Suter, H., 1907b, p. 316, 317, pl. 27, figs 6–8.

Holotype: GNS TM 563

Paratypes: MA27663, three specimens dredged by J. Bollons, from the type locality, from 91 m (50 fathoms) depth, off Bounty Islands, New Zealand.

Remarks: The specimens came from the H.J. Finlay Collection and were labelled by Finlay as cotypes and

as coming from the OUM (Otago University Museum) collection. As the specimen held at GNS is considered a holotype, Finlay’s designation may have been in error.

Current name: *Radiacmea intermedia* (Suter, 1907) – MolluscaBase (2023).

Actinoleuca campbelli bountyensis Powell, 1955

Powell, A.W.B., 1955, p. 65, pl. 1, fig. 9.

Holotype: MA71208, collected from 91 m (50 fathoms) depth, Bounty Islands, New Zealand.

Remarks: The only information with this specimen is that it came from Bounty Islands, was collected at 50 fathoms, and came to AM in 1937 as part of the H.J. Finlay Collection. In his introduction, Powell (1955) gave an inventory of material examined, which included a reference to dredgings made off the Bounty Islands at 50 fathoms by J. Fairchild and J. Bollons in the period 1890–1907. Powell stated that this material was ‘distributed in collections in Auckland and Canterbury Museums, New Zealand Geological Survey, Wellington (Suter collection), and the Powell collection, Auckland’. Given the connections between early collectors, it seems plausible that Finlay was also the recipient of some of this material and that therefore his specimen was collected by either Fairchild or Bollons during this period.

Current name: *Actinoleuca campbelli bountyensis* Powell, 1955 – MolluscaBase (2023).

Atalacmea multilinea Powell, 1934

Powell, A.W.B., 1934b, p. 154, pl. 21, figs 1, 3.

Holotype: MA70051, collected by A.W.B. Powell in January 1928, at low tide from the underside of stones, Katiki Beach, Otago, New Zealand.

Paratypes: MA71647, three specimens, from the type locality.

Remarks: Powell (1934b) stated that it was collected by him in January 1928, but a label in his hand, before the species was named, has ‘*Atalacmea* n.sp. A.W.B.P. 1927’.

Current name: *Atalacmea multilinea* Powell, 1934 – MolluscaBase (2023).

†*Notoacmea (Parvacmea) chattonensis* Laws, 1932

Laws, C.R., 1932, p. 187, pl. 32, fig. 47.

Holotype: MA70527, collected by C.R. Laws in 1930, from the late Oligocene (Duntroonian) Chatton Shellbed, Shell Gully, Chatton, Southland, New Zealand.

Paratypes: MA72818, two specimens, from the type locality.

Current name: *Notoacmea chattonensis* Laws, 1932 – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

†*Notoacmea (Parvacmea) nukumaruensis* W.R.B. Oliver, 1926

Oliver, W.R.B., 1926a, pp. 575, 576, pl. 99, fig. 3.

Holotype: MA70528, collected from the Early

Pleistocene (Nukumaruan) Nukumaru Brown Sand, 7 km SE of Waiinu Beach, near the site of the former 'Nukumaru boat-landing', Manawatū-Whanganui, New Zealand.

Current name: *Notoacmea nukumaruensis* W.R.B. Oliver, 1926 – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

Family NACELLIDAE

Cellana pricei Powell, 1973

Powell, A.W.B., 1973, p. 155, pl. 128.

Holotype: MA71337, collected by L. Price in 1964, from black volcanic rocks at half-tide, Upolo, near Apia, Western Samoa.

Current name: *Cellana pricei* Powell, 1973 – MolluscaBase (2023).

Cellana strigilis bollonsi Powell, 1955

Powell, A.W.B., 1955, p. 73, pl. 5, figs 51–53.

Holotype: NMNZ M.008560

Paratypes: MA72381, two specimens, collected by W.R.B. Oliver in April 1927, from the type locality, Antipodes Islands, New Zealand.

Remarks: In Powell (1955) the figure numbers given at the start of the description are incorrect and relate to *Cellana strigilis oliveri* and vice versa.

Current name: *Cellana oliveri* Powell, 1955 – MolluscaBase (2023).

Cellana strigilis flemingi Powell, 1955

Powell, A.W.B., 1955, pp. 72, 73, pl. 5, figs 45–47.

Holotype: GNS TM 600

Paratypes: MA72380, eight specimens, collected by C.A. Fleming on 27 November 1947, from the type locality, the high intertidal at the 'boat harbour', Snares Islands/Tini Heke Islands, New Zealand.

Current name: *Cellana strigilis* (Hombron & Jacquinot, 1841) – MolluscaBase (2023).

Cellana strigilis oliveri Powell, 1955

Powell, A.W.B., 1955, pp. 73, 74, pl. 5, figs 48–50.

Holotype: NMNZ M.008565

Paratype: MA72382* (missing), collected by W.R.B. Oliver in April 1927, from the Bounty Islands, New Zealand.

Remarks: This specimen has not been sighted since at least 1993. In Powell (1955) the figure numbers given at the start of the description are incorrect and relate to *Cellana strigilis bollonsi* and vice versa.

Current name: *Cellana oliveri* Powell, 1955 – MolluscaBase (2023).

Cellana vitiensis Powell, 1973

Powell, A.W.B., 1973, pp. 158, 159, pl. 129, figs 1, 2; pl. 132, fig. 2.

Holotype: USNM 5839

Paratypes: MA71898, three shells and two dried

animals, collected by W. Cernohorsky on 4 October 1963, from under rocks at high tide level, Viti Levu Bay, north eastern Viti Levu, Fiji.

Current name: *Cellana vitiensis* Powell, 1973 – MolluscaBase (2023).

Family PECTINODONTIDAE

Pectinodonta aupouria B.A. Marshall, 1985

Marshall, B.A., 1985, pp. 277–279, figs 1, 3F–I, 4A, table 1.

Holotype: NMNZ M.076089

Paratype: MA73619, one specimen, collected by O.M. Moore and P.J. McMillan of the F.V. *Kalinovo* on 23 November 1981, from the type locality, 1075–1100 m depth, off Whakaari/White Island, Bay of Plenty, New Zealand.

Current name: *Pectinodonta aupouria* B.A. Marshall, 1985 – MolluscaBase (2023).

Subclass NEOMPHALIONES

Order NEOMPHALIDA

Superfamily NEOMPHALOIDEA

Family NEOMPHALIDAE

Neomphalus fretterae McLean, 1981

McLean, J.H., 1981, pp. 294–306, figs 1–12.

Holotype: USNM 784637

Paratypes: MA71775, one female specimen, collected by the MV *Alvin* on 27 February 1977 during Dive 723, from the type locality, between 2478 m and 2490 m depth, 'Oyster Bed', Galapagos Rift, Pacific Ocean; MA72585, one male specimen, collected by the MV *Alvin* on 9 March 1977 during Dive 726, from the type locality.

Current name: *Neomphalus fretterae* McLean, 1981 – MolluscaBase (2023).

Subclass VETIGASTROPODA

Order SEGUENZIIDA

Superfamily SEGUENZIOIDEA

Family uncertain

Brookula annectens Powell, 1937

Powell, A.W.B., 1937b, p. 183, pl. 51, fig. 14.

Holotype: NHM 1962971

Paratypes: MA72230, 19 specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Brookula annectens* Powell, 1937 – MolluscaBase (2023).

Brookula contigua Powell, 1940

Powell, A.W.B., 1940, pp. 222, 223, pl. 29, fig. 8.

Holotype: MA70106, presumed to have been dredged by J. Bollons in 1914, from 179 m (98 fathoms)

depth, [bearing] 15°S off Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA71565, four specimens, from the type locality.

Current name: *Brookula contigua* Powell, 1940 – MolluscaBase (2023).

† *Brookula endodonta* Finlay, 1924

Finlay, H.J., 1924e, pp. 530, 531, pl. 53, figs 7a–c.

Holotype: MA70107, collected from the early Miocene (Altonian) of the Mount Harris Formation, Pukeuri, Otago, New Zealand.

Paratypes: MA72514, five specimens, from the type locality.

Current name: *Brookula endodonta* Finlay, 1924 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

† *Brookula fossilis* Finlay, 1924

Finlay, H.J., 1924e, p. 527, pl. 53, figs 4a–c.

Holotype: MA70109, collected from Early–Middle Pleistocene (Castlecliffian), Castlecliff, Manawatū-Whanganui, New Zealand.

Paratypes: MA72508, seven specimens, from the type locality.

Current name: *Brookula fossilis* Finlay, 1924 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

† *Brookula funiculata* Finlay, 1924

Finlay, H.J., 1924e, p. 529, pl. 53, figs 5a–c.

Holotype: MA70110, collected from Early–Middle Pleistocene (Castlecliffian), Castlecliff, Manawatū-Whanganui, New Zealand.

Paratypes: MA72512, 23 specimens, from the type locality.

Current name: *Brookula funiculata* Finlay, 1924 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

† *Brookula iredalei* Finlay, 1924

Finlay, H.J., 1924e, pp. 527, 528, pl. 53, figs 2a–c.

Holotype: MA70111, collected from the early Miocene (Altonian) of the Mount Harris Formation, Pukeuri, Otago, New Zealand.

Paratypes: MA72511, five specimens, from the type locality.

Current name: *Aequispirella iredalei* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

Brookula lincta Powell, 1940

Powell, A.W.B., 1940, p. 222, pl. 29, fig. 9.

Holotype: MA70112, presumed to have been dredged by J. Bollons in 1914, from 179 m (98 fathoms) depth, [bearing] 15°S off Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA71555, ten specimens; MA71983, eight specimens; all from the type locality.

Remarks: The holotype was destroyed by glass disease.

Current name: *Brookula prognata* Finlay, 1926 – Powell (1979: 77); MolluscaBase (2023).

† *Brookula pukeuriensis* Finlay, 1924

Finlay, H.J., 1924e, pp. 529, 530, pl. 53, figs 3a–c.

Holotype: MA70113, collected from the early Miocene (Altonian) of the Mount Harris Formation, Pukeuri, Otago, New Zealand.

Paratypes: MA72513, 28 specimens, from the type locality.

Current name: *Brookula pukeuriensis* Finlay, 1924 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

† *Brookula tenuilirata* Finlay, 1924

Finlay, H.J., 1924e, p. 528, pl. 53, figs 1a–c.

Holotype: MA70114, collected from the early Miocene (Altonian) of the Mount Harris Formation, Pukeuri, Otago, New Zealand.

Paratypes: MA72510, three specimens, from the type locality.

Current name: *Aequispirella tenuilirata* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

Brookula (Aequispirella) enderbyensis Powell, 1931

Powell, A.W.B., 1931b, pp. 372, 373, pl. L1, fig. 6.

Syntypes: CM M2783, M2784, three specimens.

Syntypes: MA72856, three specimens, collected from the type locality, from 155 m (85 fathoms) depth, 16 km (10 miles) north of Enderby Island, Auckland Islands, New Zealand.

Current name: *Aequispirella enderbyensis* (Powell, 1931) – MolluscaBase (2023).

Brookula (Aequispirella) finlayi Powell, 1933

Powell, A.W.B., 1933i, pp. 195, 196, pl. 33, fig. 1.

Holotype: MA70108, collected by A.W.B. Powell in February 1933, from 18 m (10 fathoms) depth, off Owenga, Chatham Islands, New Zealand.

Paratypes: MA71532, two specimens, from the type locality.

Current name: *Aequispirella finlayi* (Powell, 1933) – MolluscaBase (2023).

Lissotesta aupouria Powell, 1937

Powell, A.W.B., 1937b, pp. 186, 187, pl. 51, fig. 7.

Holotype: NHM 1962980

Paratype: MA72237, one specimen, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Lissotesta aupouria* Powell, 1937 – MolluscaBase (2023).

***Lissotesta benthicola* Powell, 1927**

Powell, A.W.B., 1927a, p. 115, pl. 21, fig. 7.

Holotype: CM M5375

Paratype: MA72340* (missing), collected from the type locality by R. Speight in December 1908, from 311 m (170 fathoms) depth, off Puysegur Point, Southland, New Zealand.

Remarks: The specimen has not been sighted since at least 1993.

Current name: *Lissotesta benthicola* Powell, 1927 – MolluscaBase (2023).

***Lissotesta bicarinata* Powell, 1940**

Powell, A.W.B., 1940, p. 222, pl. 28, fig. 12.

Holotype: MA72082, collected by A.W.B. Powell in 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Remarks: Specimen affected by glass disease.

Current name: *Lissotesta bicarinata* Powell, 1940 – MolluscaBase (2023).

***Lissotesta caelata* Powell, 1937**

Powell, A.W.B., 1937b, pp. 185, 186, pl. 51, fig. 5.

Holotype: NHM 1962979

Paratypes: MA72236, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Lissotestella caelata* (Powell, 1937) – MolluscaBase (2023).

***Lissotesta conoidea* Powell, 1937**

Powell, A.W.B., 1937b, p. 186, pl. 51, fig. 6.

Holotype: NHM 1962982

Paratypes: MA72238, seven specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Lissotesta conoidea* Powell, 1937 – MolluscaBase (2023).

***Lissotesta consobrina* Powell, 1940**

Powell, A.W.B., 1940, p. 221, pl. 28, fig. 11.

Holotype: MA72083, presumed to have been dredged by J. Bollons in 1914, from 179 m (98 fathoms) depth, [bearing] 15°S off Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Lissotestella consobrina* (Powell, 1940) – MolluscaBase (2023).

***Lissotesta decipiens* Powell, 1940**

Powell, A.W.B., 1940, p. 221, pl. 28, fig. 3.

Holotype: MA70415, collected from 137 m (75 fathoms) depth, off North Cape, New Zealand.

Paratypes: MA71553, five specimens, from the type locality.

Current name: *Lissotesta decipiens* Powell, 1940 – MolluscaBase (2023).

***Lissotesta errata* Finlay, 1926**

Finlay, H.J., 1926b, p. 366, pl. 19, figs 28, 29.

Holotype: MA70416, dredged by J. Bollons, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratype: MA72525, one specimen, from the type locality.

Current name: *Lissotesta errata* Finlay, 1926 – MolluscaBase (2023).

***Lissotesta oblata* Powell, 1940**

Powell, A.W.B., 1940, pp. 221, 222, pl. 28, fig. 13.

Holotype: MA70417, presumed to have been dredged by J. Bollons in 1914, from 179 m (98 fathoms) depth, [bearing] 15°S off Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA71554, three specimens, from the type locality.

Current name: *Lissotesta oblata* Powell, 1940 – MolluscaBase (2023).

***Lissotesta rissoaformis* Powell, 1931**

Powell, A.W.B., 1931b, p. 373, pl. L2, fig. 11.

Holotype: CM M2782

Paratype: MA72357, one specimen, collected from the type locality, from 155 m (85 fathoms) depth, 16 km (10 miles) north of Enderby Island, Auckland Islands, New Zealand.

Remarks: Specimen affected by glass disease.

Current name: *Lissotestella rissoaformis* (Powell, 1931) – MolluscaBase (2023).

***Lissotesta tenuilirata* Powell, 1931**

Powell, A.W.B., 1931b, p. 373, pl. L2, figs 9, 10.

Holotype: CM M2778

Paratypes: MA72356, two specimens, collected from the type locality, from 155 m (85 fathoms) depth, 16 km (10 miles) north of Enderby Island, Auckland Islands, New Zealand.

Current name: *Lissotestella tenuilirata* (Powell, 1931) – MolluscaBase (2023).

***Lissotesta tryphenensis* Powell, 1931**

Powell, A.W.B., 1931b, p. 374, pl. L2, fig. 8.

Holotype: MA72084, collected by A.W.B. Powell in 1922, from 9–11 m (5–6 fathoms) depth, in Tryphena Harbour, Great Barrier Island, New Zealand.

Current name: *Lissotestella tryphenensis* (Powell, 1931) – MolluscaBase (2023).

***Notosetia aoteana* Powell, 1937**

Powell, A.W.B., 1937b, p. 200, pl. 53, fig. 11.

Holotype: NHM 19621022

Paratypes: MA72272, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Notosetia aoteana* Powell, 1937 – MolluscaBase (2023).

***Zerotula crenulata* Powell, 1937**

Powell, A.W.B., 1937b, pp. 209, 210, pl. 54, figs 6, 7.

Holotype: NHM 19621049

Paratypes: MA72289, seven specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Adeuomphalus crenulatus* (Powell, 1937) – MolluscaBase (2023).

***Zerotula nautiliformis* Powell, 1927**

Powell, A.W.B., 1927a, p. 118, pl. 21, fig. 5.

Holotype: CM M5364

Paratype: MA72344* (missing), collected by R. Speight in December 1908, from 311 m (170 fathoms) depth, off Puysegur Point, Southland, New Zealand.

Remarks: This specimen has not been sighted since at least 1993.

Current name: *Palazzia nautiliformis* (Powell, 1927) – Powell (1979: 249); MolluscaBase (2023).

***Zerotula ramosa* Powell, 1940**

Powell, A.W.B., 1940, p. 237, pl. 29, fig. 3.

Holotype: MA70894, collected from 137 m (75 fathoms) depth, off North Cape, Northland, New Zealand.

Paratypes: MA71574, two specimens, from the type locality.

Remarks: The holotype is affected by glass disease.

Current name: *Palazzia ramosa* (Powell, 1940) – Powell (1979: 249); MolluscaBase (2023).

Family SEGUENZIIDAE

† ***Notosetia tantilla* Laws, 1936**

Laws, C.R., 1936b, p. 106, pl. 16, fig. 59.

Holotype: MA70543, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Putilla tantilla* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

Family CHILODONTAIDAE

† ***Danilia neozelanica* Laws, 1935**

Laws, C.R., 1935c, p. 30, pl. 5, fig. 2.

Holotype: MA70238, collected from the late Eocene (Runangan) Totara Limestone at Trig M, Totara, Oamaru, New Zealand.

Current name: *Danilia neozelanica* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

***Euchelus (Herpetopoma) larochei* Powell, 1926**

Powell, A.W.B., 1926c, p. 36, fig. 2.

Holotype: MA72060, dredged live by W. La Roche, from

Taupo Bay, Whangaroa Bay, Northland, New Zealand.

Current name: *Herpetopoma larochei* (Powell, 1926) – MolluscaBase (2023).

***Herpetopoma benthicola* Powell, 1937**

Powell, A.W.B., 1937b, p. 178, pl. 49, fig. 13.

Holotype: NHM 1962957

Paratypes: MA71894, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Herpetopoma benthicola* Powell, 1937 – MolluscaBase (2023).

***Herpetopoma larochei alacerrima* Dell, 1956**

Dell, R.K., 1956b, pp. 34–36, fig. 34.

Holotype: NMNZ M.008833

Paratype: MA72753, one specimen, collected by MV *Alert* on 2 September 1951, from the type locality, in 201 m (110 fathoms) depth, off Stephens Island, Cook Strait, New Zealand.

Current name: *Herpetopoma alacerrimum* Dell, 1956 – MolluscaBase (2023).

***Herpetopoma mariae* Finlay, 1930**

Finlay, H.J., 1930c, p. 223, not figured.

Holotype: MA70357, **Plate 12e, f**, collected from Cape Maria van Diemen, Northland, New Zealand.

Paratype: MA72572, one specimen, from the type locality.

Current name: *Herpetopoma mariae* Finlay, 1930 – MolluscaBase (2023).

Family EUCYCLIDAE

† ***Calliotropis motutaraensis* Powell, 1935**

Powell, A.W.B., 1935d, pp. 333, 334, pl. 77, figs 12–14.

Holotype: MA72038, collected from the early Miocene (Altonian) Nihotupu Formation (Powell's locality A), southern end of Maukatia Bay, south of Muriwai Beach, Auckland, New Zealand.

Paratypes: MA71381, three specimens, from the type locality.

Current name: *Calliotropis motutaraensis* Powell, 1935 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

Family TROCHACLIDIDAE

***Cirsonella simplex* Powell, 1937**

Powell, A.W.B., 1937b, p. 185, pl. 50, fig. 12.

Holotype: NHM 1962977

Paratype: MA72235, one specimen, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Acremodontina simplex* (Powell, 1937) – MolluscaBase (2023).

***Conjectura atypica* Powell, 1937**

Powell, A.W.B., 1937b, p. 187, pl. 51, figs 10, 11.

Holotype: NHM 1962985

Paratypes: MA72241, nine specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Acremodontina atypica* (Powell, 1937) – MolluscaBase (2023).

***Conjectura carinata* Powell, 1940**

Powell, A.W.B., 1940, p. 223, pl. 28, fig. 8.

Holotype: MA72052, dredged by J. Bollons, from 91 m (50 fathoms) depth, between Piwhane/Spirits Bay and Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Acremodontina carinata* (Powell, 1940) – MolluscaBase (2023).

***Conjectura poutama* E.C. Smith, 1962**

Smith, E.C., 1962, p. 50, figs 1, 1a.

Holotype: NMNZ M.020251

Paratypes: MA72960, 21 specimens, collected by E.C. Smith, from the type locality, from 55 m (30 fathoms) depth, off Poutama Island, Stewart Island/Rakiura, New Zealand.

Current name: *Acremodontina poutama* (E.C. Smith, 1962) – MolluscaBase (2023).

***Thoristella crassicosta* Powell, 1937**

Powell, A.W.B., 1937b, pp. 178, 179, pl. 49, figs 14, 15.

Holotype: NHM 1961659

Paratypes: MA71895, four specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Acremodonta crassicosta* (Powell, 1937) – MolluscaBase (2023).

Order LEPITELLIDA**Superfamily LEPETELLOIDEA****Family LEPETELLIDAE*****Tectisumen finlayi* Powell, 1937**

Powell, A.W.B., 1937b, p. 189, pl. 49, figs 6, 7.

Holotype: NHM 1962991

Paratype: MA72282, one specimen, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Tecticrater finlayi* (Powell, 1937) – MolluscaBase (2023).

***Tectisumen subcompressa* Powell, 1937**

Powell, A.W.B., 1937b, pp. 188, 189, pl. 49, figs 4, 5.

Holotype: NHM 1962990

Paratypes: MA72281, three specimens, collected by

A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: All specimens affected by glass disease.

Current name: *Tecticrater subcompressus* (Powell, 1937) – MolluscaBase (2023).

Superfamily FISSURELLOIDEA**Family FISSURELLIDAE****†*Emarginula haweraensis* Powell, 1931**

Powell, A.W.B., 1931a, pp. 96, 97, pl. 11, fig. 17.

Holotype: MA72055, collected by A.W.B. Powell in January 1927, from the late Pliocene (Waipipian) Tangahoe Formation near the mouth of Waihi Stream, Hawera, New Zealand.

Paratypes: MA12290, two specimens, collected by A.W.B. Powell in January 1931, from the type locality.

Remarks: Based on Powell's (1931a) type description where he referred to 'Two paratypes, one damaged and one half grown, in Auckland Museum' the paratype lot was rediscovered in the general fossil collection where it was stored as MA12290.

Current name: *Emarginula haweraensis* Powell, 1931 – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

†*Emarginula paucicostata* Laws, 1936

Laws, C.R., 1936b, p. 101, pl. 15, fig. 48.

Holotype: MA70260, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratype: MA72692, one specimen, from the type locality.

Current name: *Emarginula paucicostata* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

***Emarginula striatula valentior* Finlay, 1928**

Finlay, H.J., 1928, pp. 235, 236, pl. 42, figs 56, 57.

Holotype: MA70261, a beach-worn shell presumed to have been collected in 1924 by a member of the Otago Institute Expedition, from Chatham Islands, New Zealand.

Remarks: See *Lasaea rossiana vexata* Finlay, 1928 (MA70389) for further comments on provenance.

Current name: *Emarginula striatula* Quoy & Gaimard, 1834 – MolluscaBase (2023).

***Monodilepas carnleyensis* Powell, 1955**

Powell, A.W.B., 1955, pp. 48–50, pl. 5, fig. 43; text fig. A1.

Holotype: GNS TM 431

Paratypes: MA72379, three specimens, dredged by C.A. Fleming during 1942–1943 as part of the 'Cape Expedition', from the type locality, from 11 m (6 fathoms), Dredge Station 1, from Emergency Bay, Carnley Harbour, Auckland Islands, New Zealand.

Current name: *Monodilepas monilifera carnleyensis* Powell, 1955 – MolluscaBase (2023).

***Monodilepas diemenensis* Finlay, 1930**

Finlay, H.J., 1930c, p. 222, not figured.

Holotype: MA70484, **Plate 11a–c**, collected from Cape Maria van Diemen, Northland, New Zealand.

Paratypes: MA73114, six specimens, from the type locality.

Current name: *Monodilepas diemenensis* Finlay, 1930 – MolluscaBase (2023).

***Monodilepas otagoensis* Finlay, 1930**

Finlay, H.J., 1930c, p. 222, pl. 42, fig. 6.

Holotype: MA70485, collected from 91 m (50 fathoms) depth, 16 km (10 miles) ENE of Otago Heads [Taiaroa Head], Dunedin, New Zealand.

Paratypes: MA73589, three specimens, from the type locality.

Current name: *Monodilepas otagoensis* Finlay, 1930 – MolluscaBase (2023).

***Monodilepas skinneri* Finlay, 1928**

Finlay, H.J., 1928, p. 236, pl. 43, fig. 59.

Holotype: MA70486, a nearly fresh specimen collected by R.S. Allan in 1924, from the stomach of a cod, Chatham Islands, New Zealand.

Current name: *Monodilepas skinneri* Finlay, 1928 – MolluscaBase (2023).

***Montfortula chathamensis* Finlay, 1928**

Finlay, H.J., 1928, p. 235, pl. 41, figs 34, 35.

Holotype: MA70487, presumed to have been collected in 1924 by a member of the Otago Institute Expedition to Chatham Islands, New Zealand.

Paratypes: MA72571, two specimens, from the type locality.

Remarks: See *Lasaea rossiana vexata* Finlay, 1928 (MA70389) for further comments on provenance.

Current name: *Montfortula chathamensis* Finlay, 1928 – MolluscaBase (2023).

***Puncturella manawatawhia* Powell, 1937**

Powell, A.W.B., 1937b, pp. 177, 178, pl. 48, figs 7, 8.

Holotype: NHM 1962955

Paratypes: MA72221, five specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Fissurisepta manawatawhia* (Powell, 1937) – MolluscaBase (2023).

†*Scutus petrafixus* Finlay, 1930

Finlay, H.J., 1930b, p. 54, pl. 2, fig. 23.

Holotype: MA70707, exact location unknown, except that the specimen came from late Eocene/early Oligocene Ototara [Oamaru] Limestone, Otago, New Zealand.

Current name: *Scutus petrafixus* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

***Tugali colvillensis* Finlay, 1926**

Finlay, H.J., 1926b, p. 345, not figured.

Holotype: MA70781, **Plate 11d–f**, collected from 37–46 m (20–25 fathoms) depth, off Cape Colville, Coromandel, New Zealand.

Paratypes: MA72520, four specimens, from the type locality.

Current name: *Tugali colvillensis* Finlay, 1926 – MolluscaBase (2023).

†*Tugali navicula* Finlay, 1926

Finlay, H.J., 1926a, p. 227, pl. 59, figs 6–9.

Holotype: MA70782, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA71656, two specimens, from the type locality.

Current name: *Tugali navicula* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

†*Tugali pliocenica* Finlay, 1926

Finlay, H.J., 1926a, p. 227, pl. 59, figs 1–5.

Holotype: MA70783, collected from the Early–Middle Pleistocene (Castlecliffian) at Castlecliff, Manawatū–Whanganui, New Zealand.

Paratypes: MA71655, two specimens, from the type locality.

Current name: *Tugali pliocenica* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

***Tugali stewartiana* Powell, 1939**

Powell, A.W.B., 1939, p. 227, pl. 50, figs 7–9.

Holotype: MA72154, collected by R.H. Harrison, from Ringaringa Beach, Stewart Island/Rakiura, New Zealand.

Paratypes: MA71546, three specimens, from the type locality.

Remarks: Holotype and paratypes were stored together by A.W.B. Powell, and later separated on the basis of published measurements and given different registration numbers. The material described by Powell (1939) came from R.H. Harrison, Augustus Hamilton and a field trip that Powell undertook in October/November 1934, which was hosted by G.M. Turner. Often provenance cannot be determined from the labels or from Powell (1939), including these type specimens, which were originally attributed to Powell as the collector. However, given that in his species description Powell specifically mentions Harrison – ‘Localities: Ringaringa (type) and Horse Shoe Bay, Stewart Island (Mrs R.H. Harrison)’ – it is here assumed that they were collected by Harrison and not Powell.

Current name: *Tugali stewartiana* Powell, 1939 – MolluscaBase (2023).

† *Tugali superba* Powell, 1934

Powell, A.W.B., 1934a, p. 265, pl. 58, figs 10, 11.

Holotype: MA70784, collected by A.W.B. Powell in August 1933, from the Late Pleistocene (Haweran) Te Piki Member, Waipaoa Formation, from a road-cutting approximately 6 km east of Whangaparaoa (Cape Runaway), Bay of Plenty, New Zealand.

Current name: *Tugali superba* Powell, 1934 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

Zeidora maoria Powell, 1937

Powell, A.W.B., 1937b, p. 177, pl. 48, figs 9, 10.

Holotype: NHM 1962954

Paratype: MA72220, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Zeidora maoria* Powell, 1937 – MolluscaBase (2023).

Superfamily HALIOTOIDEA

Family HALIOTIDAE

Haliotis aulaea Bartsch, 1940

Bartsch, P., 1940, pp. 53, 54, pl. 8, figs 1–3.

Holotype: USNM 535848

Paratype: MA73668, one specimen, collected by A. Sorensen, from the type locality, from 15–18 m (8–10 fathoms) depth, off Cayucas, California, United States of America.

Current name: *Haliotis kamtschatkana* Jonas, 1845 – MolluscaBase (2023).

† *Haliotis flemingi* Powell, 1938

Powell, A.W.B., 1938a, pp. 377, 378, pl. 39, fig. 18.

Holotype: MA70349, collected by C.A. Fleming in 1934, from the early Miocene (Otaian) Bostaquet Member of the Cape Rodney Formation on the east side of Bostaquet Bay, Kawau Island, New Zealand.

Current name: *Haliotis flemingi* Powell, 1938 – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

Haliotis fulgens turveri Bartsch, 1942

Bartsch, P., 1942, p. 57, not figured.

Holotype: USNM 508764

Paratype: MA73669, one specimen, collected by A. Sorensen, from Magdalena Bay, Baja California, Mexico.

Current name: *Haliotis fulgens turveri* Bartsch, 1942 – MolluscaBase (2023).

Haliotis sorenseni Bartsch, 1940

Bartsch, P., 1940, pp. 50, 51, pl. 6.

Holotype: USNM 535688

Paratype: MA73099, one specimen, collected by an abalone diver in September 1939, from 18 m (10

fathoms) depth, slightly south of Point Conception, California, United States of America.

Current name: *Haliotis sorenseni* Bartsch, 1940 – MolluscaBase (2023).

Haliotis virginea morioria Powell, 1938

Powell, A.W.B., 1938d, pp. 165, 166, pl. 40, figs 1, 2.

Holotype: MA70350, collected from Owenga, Chatham Islands, New Zealand.

Remarks: Powell (1938d) also allocated two paratype specimens, but these are no longer identifiable within AM's collections.

Current name: *Haliotis virginea morioria* Powell, 1938 – MolluscaBase (2023).

† *Haliotis (Euhaliotis) mathesonensis* Eagle, 1996

Eagle, M.K., 1996, pp. 161–163, figs 2–6.

Holotype: MA72925, collected by M.K. Eagle on 15 February 1996, from the early Miocene (Otaian) Cape Rodney Formation at Mathesons Bay, Auckland, New Zealand.

Current name: *Haliotis mathesonensis* Eagle, 1996 – MolluscaBase (2023).

† *Haliotis (Marinauris) hokiangaensis* Eagle, 2002

Eagle, M.K., 2002, pp. 25–30, figs 7–10.

Holotype: MA73252, collected from the early Miocene (Otaian) Waititi Formation, Otua Group, Matihetihe Hill, Mitimiti, Northland, New Zealand.

Current name: *Haliotis hokiangaensis* Eagle, 2002 – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase.

† *Haliotis (Marinauris) matihetihensis* Eagle, 1999

Eagle, M.K., 1999b, pp. 47–51, figs 2–5.

Holotype: MA73135, collected by M.K. Eagle on 29 September 1996, from the early Miocene (Otaian) Waititi Formation, Otua Group, Matihetihe, Mitimiti, Northland, New Zealand.

Current name: *Haliotis matihetihensis* Eagle, 1999 – MolluscaBase (2023).

† *Haliotis (Notohaliotis) waitemataensis* Powell, 1938

Powell, A.W.B., 1938a, p. 377, pl. 39, fig. 19.

Holotype: MA72068, collected by A.W.B. Powell, from the early Miocene (Otaian) Bostaquet Member of the Cape Rodney Formation on the east side of Bostaquet Bay, Kawau Island, New Zealand.

Current name: *Haliotis waitemataensis* Powell, 1938 – MolluscaBase (2023).

Superfamily SCISSURELLOIDEA

Family SCISSURELLIDAE

Schismope iota Finlay, 1926

Finlay, H.J., 1926b, pp. 340, 341, not figured.

Holotype: MA70693, Plate 12a, b, dredged by

J. Bollons, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratypes: MA72519, seven specimens, from the type locality.

Remarks: All specimens affected by glass disease.

Current name: *Sinezona iota* (Finlay, 1926) – MolluscaBase (2023).

† *Schismope koruahina* Laws, 1936

Laws, C.R., 1936b, pp. 100, 101, pl. 15, figs 45–47.

Holotype: MA70694, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Remarks: The holotype is badly affected by glass disease.

Current name: *Sinezona koruahina* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

Schismope laqueus Finlay, 1926

Finlay, H.J., 1926b, p. 340, pl. 19, figs 30, 31.

Holotype: MA70695, dredged by J. Bollons, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Remarks: The holotype is affected by glass disease.

Current name: *Sinezona laqueus* (Finlay, 1926) – MolluscaBase (2023).

Schismope lyallensis Finlay, 1926

Finlay, H.J., 1926b, p. 340, not figured.

Holotype: MA70696, **Plate 12c, d**, collected from shell sand, Lyall Bay, Wellington, New Zealand.

Paratype: MA73331, one specimen, from the type locality.

Remarks: Both specimens affected by glass disease.

Current name: *Sukashitrochus lyallensis* (Finlay, 1926) – MolluscaBase (2023).

† *Schismope ngatutura* Laws, 1936

Laws, C.R., 1936b, p. 100, pl. 15, figs 43, 44.

Holotype: MA70697, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Remarks: The holotype is badly affected by glass disease.

Current name: *Sukashitrochus ngatutura* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

† *Scissurella apudornata* Laws, 1935

Laws, C.R., 1935c, p. 30, pl. 5, fig. 1.

Iconotype (designated in Blom 2019: 43): Laws (1935c), pl. 5, fig. 1, from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Remarks: In March 2009, the cut-glass tube in which

the holotype specimen in lot MA70700 was stored, was found to contain a jumble of amorphous white fragments, along with small salt-like grains. As the sole known specimen of this species appears to have been destroyed by glass disease, the figure of the type in Laws (1935c: fig. 1) was therefore designated as the iconotype (Blom 2019: 43).

Current name: *Scissurella apudornata* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 239); MolluscaBase (2023).

Scissurella bountyensis Powell, 1933

Powell, A.W.B., 1933e, pp. 34, 35, pl. 6, figs 1, 2.

Holotype: CM M5318

Paratypes: MA72370, four specimens, collected by J. Fairchild in 1893, from the type locality, from 310 m (170 fathoms) depth, from Bounty Islands, New Zealand.

Remarks: All specimens have been affected by glass disease.

Current name: *Scissurella bountyensis* Powell, 1933 – MolluscaBase (2023).

Scissurella fairchildi Powell, 1933

Powell, A.W.B., 1933e, p. 34, pl. 6, figs 3, 4.

Holotype: CM M5316

Paratypes: MA72369, 12 specimens, collected by J. Fairchild, in 1893, from the type locality, from 310 m (170 fathoms) depth, from Bounty Islands, New Zealand.

Remarks: All specimens have been affected by glass disease.

Current name: *Scissurella prendrevillei* Powell, 1933 – MolluscaBase (2023).

Scissurella manawatawhia Powell, 1937

Powell, A.W.B., 1937b, pp. 175, 176, pl. 49, fig. 1.

Holotype: NHM 1962951

Paratypes: MA72217, four specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: All specimens have been affected by glass disease.

Current name: *Scissurella manawatawhia* Powell, 1937 – MolluscaBase (2023).

Scissurella prendrevillei Powell, 1933

Powell, A.W.B., 1933i, p. 193, pl. 33, fig. 6.

Holotype: MA70701, collected by A.W.B. Powell and/or C.A. Fleming in February 1933, from 18 m (10 fathoms) depth, off Owenga Beach, Chatham Islands, New Zealand.

Paratype: MA71530, one specimen, from the type locality.

Remarks: Both specimens have been affected by glass disease.

Current name: *Scissurella prendrevillei* Powell, 1933 – MolluscaBase (2023).

***Sinezona pauperata* Powell, 1933**

Powell, A.W.B., 1933i, p. 193, pl. 33, figs 4, 5.

Holotype: MA70710, collected by A.W.B. Powell and/or C.A. Fleming in February 1933, from 18 m (10 fathoms) depth, off Owenga Beach, Chatham Islands, New Zealand.

Remarks: According to an original label with the specimens, both the holotype and the figured paratype were stored together in the same cut-glass tube. In March 2009 only two amber-coloured grains, along with small salt-like grains, were found inside the tube. No other remains were visible and it is assumed that both the holotype and paratype were destroyed by glass disease. No other specimens of this species are held in AM's collections.

Current name: *Sinezona pauperata* Powell, 1933 – MolluscaBase (2023).

Family ANATOMIDAE***Schizotrochus aupouria* Powell, 1937**

Powell, A.W.B., 1937b, p. 176, pl. 49, fig. 3.

Holotype: NHM 1962952

Paratype: MA72218, one specimen, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: The specimen has been affected by glass disease.

Current name: *Anatoma aupouria* (Powell, 1937) – MolluscaBase (2023).

***Schizotrochus finlayi* Powell, 1937**

Powell, A.W.B., 1937b, p. 176, pl. 49, fig. 2.

Holotype: NHM 1962953

Paratype: MA72219, one specimen, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: The specimen has been affected by glass disease.

Current name: *Anatoma finlayi* (Powell, 1937) – MolluscaBase (2023).

Family LAROCHEIDAE***Larochea miranda* Finlay, 1927**

Finlay, H.J., 1927, p. 486, pl. 24, figs 6–8.

Holotype: MA70386, dredged by W. La Roche, from 22 m (12 fathoms) in Awanui [Rangaunu] Bay, Northland, New Zealand.

Paratypes: MA72305, 15 specimens, from the type locality.

Current name: *Larochea miranda* Finlay, 1927 – MolluscaBase (2023).

***Larochea secunda* Powell, 1937**

Powell, A.W.B., 1937b, pp. 207, 208, pl. 50, fig. 7.

Holotype: NHM 19621044

Paratypes: MA72286, six specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Larochea secunda* Powell, 1937 – MolluscaBase (2023).

Order TROCHIDA**Superfamily TROCHOIDEA****Family TROCHIDAE*****Anisodiloma lugubris lenior* Finlay, 1926**

Finlay, H.J., 1926b, pp. 353, 354, not figured.

Holotype: MA70034, **Plate 11i, j**, collected from 4 km (2.5 miles) south of Taieri River, Taieri Beach, Otago, New Zealand.

Remarks: The original locality description by Finlay (1926b) was given as 'Taieri Beach, 5 miles [11 km] south of Taieri River'. However, the distance is more like 2.5 miles [4 km].

Current name: *Diloma bicanaliculatum* (Dunker in R.A. Philippi, 1844) – MolluscaBase (2023).

† *Antisolarium conominolium* Laws, 1936

Laws, C.R., 1936b, p. 102, pl. 15, fig. 50.

Holotype: AUNZ G5835

Paratypes: MA72693, five specimens, collected from the type locality, the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Antisolarium conominolium* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

***Cantharidus opalus cannoni* Powell, 1933**

Powell, A.W.B., 1933i, p. 194, pl. 36, figs 15, 16.

Holotype: MA70133, from Kaingaroa Beach, Chatham Islands, New Zealand.

Paratype: MA71963, one specimen, collected by A.W.B. Powell and/or C.A. Fleming in February 1933, from Waitangi, Chatham Islands, New Zealand.

Remarks: For the holotype, MA70133, Powell selected a specimen from the 'Old Museum coll[ection] ex Miss Shand', i.e. a specimen dating to before 1929 when AM was located at Princes Street, Auckland.

Current name: *Cantharidus opalus* (Martyn, 1784) – MolluscaBase (2023).

† *Conominolia woodsi* Laws, 1933

Laws, C.R., 1933, pp. 320, 321, pl. 32, fig. 31; pl. 33, fig. 39.

Holotype: MA70198, collected from the Miocene (Altonian) of the Southburn Sandstone, Tengawai River, Sutherlands, South Canterbury, New Zealand.

Paratypes: MA73640, two specimens, from the type locality.

Remarks: The paratypes were rediscovered in January 2022 amongst unregistered backlog material. They were gifted to AM by C.R. Laws in 1934, two years before the holotype was acquired when Laws sold his collection to AM in 1936.

Current name: *Conominolia woodsi* Laws, 1933 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

† *Gibbula sytovae* Amitrov, 1961

Amitrov, O.V., 1961, pp. 37–49, figs 1–4.

Holotype: PIN 1467/500

Paratype: MA73226, one specimen, collected from the Miocene, Ukraine.

Remarks: References are in Russian and taxonomic, geological and locality data have not been verified for the paratype. The holotype is from the middle Miocene of Sataniv, Khmelnytsky Region, western Ukraine.

Current name: *Gibbula miocaenica* (Mayer, 1853) – Nosowska (2020: 476); MolluscaBase (2023).

Margarella hinemoa Powell, 1955

Powell, A.W.B., 1955, pp. 57, 58, pl. 1, fig. 5.

Holotype: MA72205, collected by J. Bollons, from Antipodes Islands, New Zealand.

Current name: *Cantharidus antipodum* (Hombron & Jacquinot, 1848) – MolluscaBase (2023).

Margarella puysegurensis Powell, 1939

Powell, A.W.B., 1939, p. 228, pl. 49, fig. 13.

Holotype: MA70441, collected by A.W.B. Powell in November 1934, from seaweed in rock pools near low water, ‘Sealer’s Beach’, directly east of Puysegur Point, Southland, New Zealand.

Paratypes: MA71547, 50 specimens; MA70132, four specimens; all from the type locality.

Current name: *Cantharidus puysegurensis* (Powell, 1939) – MolluscaBase (2023).

Margarella turneri Powell, 1939

Powell, A.W.B., 1939, pp. 227, 228, pl. 49, fig. 12.

Holotype: MA70442, collected by A.W.B. Powell in October and November 1934, from seaweed-covered rocks at low tide, Ulva Island, Paterson Inlet, Stewart Island/Rakiura, New Zealand.

Remarks: Powell (1939) mentioned two paratypes, but these are either missing or part of lot MA11271, which consists of 19 specimens, collected by Powell at the same time and from the same locality as the holotype specimen.

Current name: *Cantharidus turneri* (Powell, 1939) – MolluscaBase (2023).

Micrelenchus oliveri (Iredale, 1915)

Powell, A.W.B., 1946b, pp. 138, 139, pl. 11, fig. 8 (neotype).

Neotype: MA71319, collected from Takapuna Reef, Auckland, New Zealand.

Remarks: Powell (1946b) stated that Iredale (1915) proposed the new name *Cantharidus oliveri* for the New Zealand taxon previously referred to as *C. pupillus*. The latter was a combination created by Hutton (1884: 362). He borrowed the species name from an unrelated North American taxon, but did not describe it as a new species. Iredale (1915: 438) referred to an interpretation by Suter (1913a: 126), but did not nominate a type or type locality. As Powell wished to erect a subspecies of *Micrelenchus oliveri* (Iredale, 1915) he first chose to fix the species name to a unique name-bearing type by selecting a neotype.

Current name: *Micrelenchus sanguineus* (Gray, 1843) – Powell (1979: 57); MolluscaBase (2023).

Micrelenchus oliveri cryptus Powell, 1946

Powell, A.W.B., 1946b, pp. 139, 140, pl. 11, fig. 7.

Holotype: MA71040, collected by A.W.B. Powell on 22 January 1928, from beneath *Durvillea* kelp holdfasts, 6 km (4 miles) south of Clarence River, Marlborough, New Zealand.

Paratypes: MA63520, 23 specimens, from the type locality.

Current name: *Micrelenchus sanguineus* (Gray, 1843) – MolluscaBase (2023).

Micrelenchus parcipictus Powell, 1946

Powell, A.W.B., 1946b, p. 138, pl. 11, fig. 1.

Holotype: MA71041, collected by A.W.B. Powell, November 1934, from the underside of stones near low water, Sealer’s Beach [*sic*], between Otago Retreat and Puysegur Point, Southland, New Zealand.

Paratypes: MA71450, nine specimens, from the type locality.

Current name: *Micrelenchus tenebrosus* (A. Adams, 1853) – MolluscaBase (2023).

Micrelenchus sanguineus morioria Powell, 1933

Powell, A.W.B., 1933i, p. 194, pl. 36, figs 10, 11.

Holotype: MA70471, collected by A.W.B. Powell and/or C.A. Fleming in February 1933, from 18 m (10 fathoms) depth, off Owenga, Chatham Islands, New Zealand.

Paratypes: MA71531, three specimens, from the type locality.

Current name: *Roseaplagis mortenseni* (Odhner, 1924) – MolluscaBase (2023).

† *Pachydontella etiampecta* Marwick, 1948

Marwick, J., 1948, p. 28, pl. 6, figs 1, 6.

Holotype: MA71075, collected from the late Pliocene (Waipipian) of the Kaawa Formation, 25–30 m (84–98 ft) below the surface in the Waitematā Brewery well, Ōtāhuhu, Auckland, New Zealand.

Current name: *Pachydontella etiampecta* Marwick, 1948 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

***Paraclanculus peccatus* Finlay, 1926**

Finlay, H.J., 1926b, p. 351, pl. 18, fig. 17.

Holotype: MA70584, collected by W. La Roche, from Tryphena, Great Barrier Island, New Zealand.

Current name: *Clanculus (Paraclanculus) peccatus* (Finlay, 1926) – MolluscaBase (2023).

***Photinula decepta* Iredale, 1908**

Iredale, T., 1908, p. 382, not figured.

Neotypification in Finlay, H.J., 1926b, pp. 357, 358, pl. 18, figs 3, 4 (neotype).

Neotype: MA70440, two specimens, collected from 'kelp roots', Otago Peninsula, New Zealand.

Remarks: This was originally described as *Photinula decepta* Iredale, 1908, and reassigned to *Margarella Thiele*, 1891 by Iredale (1915). Iredale did not figure the species and by 1924 the type appears to have been lost. Finlay (1926b) stated that 'since the type of *decepta* has been lost, I here select this figured topotype as neotype of the species'. However, there are two quite different specimens in MA70440, one of which appears to match Finlay's fig. 3 and the other his fig. 4. As the most conclusive match is with Finlay's fig. 4 this specimen is accepted as Finlay's neotype, MA70440. The other has been registered as MA125877 and integrated into the general Marine Collections.

Current name: *Cantharidus antipodum* (Hombron & Jacquinot, 1848) – Powell (1979: 51); MolluscaBase (2023).

***Talopena sublaevis* Finlay, 1924**

Finlay, H.J., 1924d, p. 520, text fig. 3.

Holotype: MA70756, collected from oyster scrapings, Bluff, Southland, New Zealand.

Current name: *Micrelenchus tessellatus* (A. Adams, 1853) – Powell (1979: 57); MolluscaBase (2023).

***Thoristella chathamensis benthicola* Finlay, 1926**

Finlay, H.J., 1926b, p. 350, pl. 18, figs 7–10.

Holotype: MA70764, dredged from 110 m (60 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratype: MA72521, one specimen, from the type locality.

Current name: *Coelotrochus chathamensis* (F.W. Hutton, 1873) – Powell (1979: 59); MolluscaBase (2023).

***Thoristella chathamensis cookiana* Powell, 1934**

Powell, A.W.B., 1934b, pp. 154, 155, pl. 22, figs 10, 11.

Holotype: MA70765, collected by A.W.B. Powell on 26 January 1927, from beneath stones at low tide, Island Bay, Wellington, New Zealand.

Current name: *Coelotrochus chathamensis* (F.W. Hutton, 1873) – MolluscaBase (2023).

†*Thoristella chathamensis fossilis* Finlay, 1926

Finlay, H.J., 1926b, pp. 350, 351, pl. 18, figs 11–14.

Holotype: MA70766, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris

Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72522, one specimen; MA72523, nine specimens; all from the type locality.

Current name: *Coelotrochus fossilis* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

***Trochus camelophorus* Webster, 1906**

Webster, W.H., 1906, p. 309, figs 1, 1a.

Holotype: MA70776, collected from Cape Maria van Diemen, Northland, New Zealand.

Paratype: MA72916, one specimen, from the type locality.

Current name: *Trochus camelophorus* Webster, 1906 – MolluscaBase (2023).

***Trochus carmesinus* Webster, 1908**

Webster, W.H., 1908, p. 256, pl. 10, figs 16–18.

Holotype: MA70777* (missing), collected from Russell, Bay of Islands, New Zealand.

Remarks: This specimen has not been sighted since at least 1993, and there is an older note in A.W.B. Powell's hand that the holotype specimen was lost.

Current name: *Coelotrochus carmesinus* (Webster, 1908) – MolluscaBase (2023).

***Trochus (Clanculus) takapunaensis* Webster, 1906**

Webster, W.H., 1906, pp. 309, 310, figs 2, 2a.

Holotype: MA70778, collected from shell sand, from Takapuna Beach, Auckland, New Zealand.

Current name: *Clanculus plebejus* (R.A. Philippi, 1851) – Powell (1979: 60); MolluscaBase (2023).

***Zediloma arida* Finlay, 1926**

Finlay, H.J., 1926b, p. 353, not figured.

Holotype: MA70869, Plate 11k, l, collected from Lyttelton, Banks Peninsula, New Zealand.

Remarks: Suter (1913a: 114) described and figured a specimen from Lyttelton as *Monodonta coracina* (Troschel, 1851). Finlay disagreed with the identification and erected the new species *Zediloma arida* for 'the species described and figured by Suter'. He did not provide a new type description, referring to Suter's instead. As Finlay had been informed by several people, including J. Marwick, that the original figured specimen was no longer recognisable within Suter's collection, he chose as name-bearing type for *Z. arida* a specimen from his own collection. He called this a neotype, but as Suter's specimen was never a designated name-bearing type in the first place, Finlay's specimen must stand as the holotype of *Z. arida* rather than the neotype (Blom 2019: 49).

Current name: *Diloma aridum* (Finlay, 1926) – MolluscaBase (2023).

***Zediloma digna* Finlay, 1926**

Finlay, H.J., 1926b, p. 352, pl. 18, figs 24, 25.

Holotype: MA70870, collected from St Clair, Dunedin, New Zealand.

Paratype: MA73089, one specimen, from the type locality.

Current name: *Diloma nigerrimum* (Gmelin, 1791) – Powell (1979: 53); MolluscaBase (2023).

***Zediloma (Fractarmilla) corrosa zebrina* Powell, 1946**

Powell, A.W.B., 1946b, p. 137, pl. 11, figs 4, 5.

Holotype: MA71156, collected by A.W.B. Powell in November 1934, from rocks scattered on an intertidal mud-flat, Beach Harbour, Breaksea Sound, Southland, New Zealand.

Paratype: MA71449, one specimen, from the type locality.

Current name: *Diloma subrostratum* (Gray, 1835) – MolluscaBase (2023).

Family CALLIOSTOMATIDAE

† ***Calliostoma cancellatum* Finlay, 1923**

Finlay, H.J., 1923, pp. 102, 103, pl. 10, fig. 3.

Holotype: MA70128, presumed to have been collected from the early Miocene (Altonian) of the Mount Harris Formation, near Ardgowan, northwest of Oamaru, New Zealand.

Remarks: As *Calliostoma cancellatum* Finlay, 1923 is a junior homonym of *C. cancellatum* Schepman, 1908, Finlay (1924c: 509) in a footnote, proposed the new name *C. temperomuta* Finlay, 1924 and later emended this to *C. temperomutata* Finlay, 1924 (in Finlay 1927: 360).

Current name: *Fautor temporemutatus* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

***Calliostoma osbornei* Powell, 1926**

Powell, A.W.B., 1926b, pp. 591, 592, pl. 103, figs 1, 2.

Holotype: MA72037, collected by C. Osborne in 1923/24, from 49 m (27 fathoms) depth, off Cape Barrier, Great Barrier Island, New Zealand.

Paratypes: MA71406, one specimen; MA73092, one specimen; both may have been collected from the stomachs of snapper, from the type locality.

Current name: *Maurea osbornei* (Powell, 1926) – MolluscaBase (2023).

† ***Calliostoma suteri* Finlay, 1923**

Finlay, H.J., 1923, pp. 101, 102, pl. 10, figs 1a–c.

Holotype: MA70129, collected from the early Miocene (Altonian) of the Mount Harris Formation near Ardgowan, northwest of Oamaru, New Zealand.

Paratypes: MA72517, five partial specimens, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Current name: *Maurea suteri* (Finlay, 1923) – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

† ***Calliostoma suteri fragile* Finlay, 1923**

Finlay, H.J., 1923, p. 101, pl. 10, figs 2a–c.

Holotype: MA70130, collected from the early Miocene (Altonian) of the Mount Harris Formation near Ardgowan, northwest of Oamaru, New Zealand.

Paratypes: MA72439, 18 specimens and fragments; MA72518, two specimens; all from the type locality.

Current name: *Venustas fragilis* (Finlay, 1923) – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

***Calliostoma (Calliotropis) waikanae* W.R.B. Oliver, 1926**

Oliver, W.R.B., 1926b, pp. 109, 110, pl. 10, fig. 3.

Holotype: NMNZ M.001603

Paratype: MA110248, one specimen, collected by W.R.B. Oliver, from the type locality, Waikanae Beach, Waikanae, Wellington, New Zealand.

Current name: *Maurea waikanae* (W.R.B. Oliver, 1926) – MolluscaBase (2023).

***Margarella bouvetia* Powell, 1951**

Powell, A.W.B., 1951c, pp. 97, 98, pl. 5, fig. 3, fig. G (8).

Holotype: NHM 1961349

Paratypes: MA73186, 15 specimens, collected on 18 October 1930, from the type locality, station 456, RRS *Discovery II* Investigations, in 40–45 m depth, 1.6 km (1 mile) east of Bouvet Island, South Atlantic Ocean, Norway.

Current name: *Margarella bouvetia* Powell, 1951 – MolluscaBase (2023).

***Margarella jason* Powell, 1951**

Powell, A.W.B., 1951c, p. 97, pl. 5, fig. 1.

Holotype: NHM 1961348

Paratypes: MA72387, two specimens, collected on 6 April 1926, from the type locality, station 45, RRS *Discovery* Investigation, in 238–270 m depth, off Cumberland Bay, South Georgia, British Overseas Territory.

Current name: *Margarella jason* Powell, 1951 – MolluscaBase (2023).

***Margarella porcellana* Powell, 1951**

Powell, A.W.B., 1951c, p. 98, pl. 5, fig. 2.

Holotype: NHM 1961352

Paratype: MA71928, one specimen, collected in April 1935, from the type locality, station 1562, RRS *Discovery* Investigation, in 97–104 m depth, off Marion Island, Prince Edward Islands, South Africa.

Current name: *Margarella porcellana* Powell, 1951 – MolluscaBase (2023).

***Maurea pellucida morioria* Powell, 1946**

Powell, A.W.B., 1946b, p. 140, pl. 11, fig. 3.

Holotype: MA71037, collected by A.W.B. Powell in 1937(?), from Owenga Beach, Chatham Islands, New Zealand.

Remarks: According to Powell (1946b) there are paratypes at AM, but the only other Chatham Island specimens in the AM Collections which belong to this taxon have no collector and date recorded. There is doubt about the collecting date of the holotype specimen. Powell (1946b) has it as 1937 in the type description, but his only known Chatham Islands trip was for three weeks in February 1933.

Current name: *Maurea waikanae* (W.R.B. Oliver, 1926) – MolluscaBase (2023).

***Maurea turnerarum* Powell, 1964**

Powell, A.W.B., 1964a, pp. 11, 12, pl. 3, figs 1–3.

Holotype: MA71239, collected from 366 m (299 fathoms) depth, off Mayor Island/Tūhua, New Zealand.

Current name: *Maurea turnerarum* Powell, 1964 – MolluscaBase (2023).

† ***Maurea (Mucrinops) granti* Powell, 1931**

Powell, A.W.B., 1931a, pp. 97, 98, pl. 13, figs 34, 35.

Holotype: MA70449, collected by A.W.B. Powell during an AM fieldtrip in January 1931, from the late Pliocene (Waipipian) Tangahoe Formation near the mouth of Waihi Stream, Hawera, New Zealand.

Current name: *Maurea granti* Powell, 1931 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

***Maurea (Mucrinops) punctulata ampla* Powell, 1939**

Powell, A.W.B., 1939, p. 229, pl. 50, fig. 6.

Holotype: MA70450, collected from Mason Bay, Stewart Island/Rakiura, New Zealand.

Paratypes: MA71548, four specimens, from the type locality.

Current name: *Maurea punctulata* (Martyn, 1784) – Powell (1979: 62); MolluscaBase (2023).

† ***Maurea (Mucrinops) waiareka* Laws, 1935**

Laws, C.R., 1935c, p. 32, pl. 5, fig. 5.

Holotype: MA70451, collected from middle–late Eocene (Kaiatan), Waiareka Volcanic Formation, Whitstone [Lorne], Otago, New Zealand.

Current name: *Maurea waiareka* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

† ***Modelia nukumaruensis* Laws, 1930**

Laws, C.R., 1930, pp. 550, 551, pl. 90, fig. 8.

Holotype: MA70483, collected from the Early Pleistocene (Nukumaruan) at Nukumarū, Taranaki, New Zealand.

Remarks: Possibly the Nukumarū Brown Sand, from the Early Pleistocene coastal section 7 km SE of Waiinu Beach, near the site of the former ‘Nukumarū boat-landing’, Manawatū-Whanganui.

Current name: *Maurea nukumaruensis* (Laws, 1930) – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

***Photinastoma taeniata nivea* Cooper & Preston, 1910**

Cooper, J.E. and H.B. Preston, 1910, pp. 112, not figured.

Holotype: Repository not located.

Paratypes: MA72775, two specimens, collected by A.F. Cobb, from the type locality, Falkland Islands, British Overseas Territory.

Remarks: No further data were found.

Current name: *Photinastoma taeniatum* (G.B. Sowerby I, 1825) – *Malacolog* Version 4.1.1

***Venustas blacki* Powell, 1950**

Powell, A.W.B., 1950, pp. 80, 81, pl. 7, figs 3, 4.

Holotype: MA71168, collected by A. Black, from 91 m–128 m (50–60 fathoms) depth, on the continental shelf, from the Nuggets north to the mouth of the Waitaki River, Otago, New Zealand.

Paratype: MA71454, one specimen, from the type locality.

Current name: *Maurea blacki* (Powell, 1950) – MolluscaBase (2023).

***Venustas cunninghami regifica* Finlay, 1927**

Finlay, H.J., 1927, p. 485, pl. 24, figs 9, 10.

Holotype: MA70823, collected from 55 m (30 fathoms) depth, off Otago Heads [Taiaroa Head], New Zealand.

Paratypes: MA72550, one specimen; MA72873, four specimens; all from the type locality.

Current name: *Maurea selecta* (Dillwyn, 1817) – Powell (1979: 61, 62); MolluscaBase (2023).

***Venustas punctulata multigemmata* Powell, 1952**

Powell, A.W.B., 1952b, p. 173, 174, pl. 35, figs 2, 3.

Holotype: MA71185, trawled by J. Black, from 55–128 m (30–70 fathoms) depth, off eastern Otago, New Zealand.

Paratype: MA71439, one specimen, from the type locality.

Current name: *Maurea granti* Powell, 1931 – MolluscaBase (2023).

***Venustas punctulata urbanior* Finlay, 1926**

Finlay, H.J., 1926b, pp. 361, 362, pl. 18, fig. 27.

Holotype: MA70824, collected with oyster dredge, from 36 m (20 fathoms) depth, Foveaux Strait, New Zealand.

Paratype: MA72524, one specimen, from the type locality.

Remarks: Finlay (1926b: 361) used *Venustas punctulata urbanior* in the text and *Venustas (Mucrinops) urbanior* in the figure caption.

Current name: *Maurea punctulata* (Martyn, 1784) – MolluscaBase (2023).

***Venustas tigris chathamensis* Dell, 1950**

Dell, R.K., 1950b, pp. 43, 45, figs 26, 27.

Holotype: NMNZ M.002128

Paratype: MA72771, one specimen, collected by C.J. Lindsay in January 1924, from the type locality, Mangere Island, Chatham Islands, New Zealand.

Current name: *Maurea tigris* (Gmelin, 1791) – MolluscaBase (2023).

***Venustatrochus georgianus* Powell, 1951**

Powell, A.W.B., 1951c, pp. 92, 93, pl. 10, fig. 68, fig. H (16).

Holotype: NHM 1961307

Paratype: MA72386, one specimen, collected on 1 April 1926, from the type locality, station 42, RRS *Discovery* Investigation, in 120–204 m depth, off the mouth of Cumberland Bay, South Georgia, British Overseas Territory.

Current name: *Venustatrochus georgianus* Powell, 1951 – MolluscaBase (2023).

Family COLLONIIDAE

† ***Argalista impervia* Finlay, 1930**

Finlay, H.J., 1930b, p. 57, not figured.

Holotype: MA70040, **Plate 12g, h**, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72449, 74 specimens, from the type locality.

Current name: *Eutinochilus impervius* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

† ***Argalista kaiparaensis* Finlay, 1930**

Finlay, H.J., 1930b, pp. 56, 57, not figured.

Holotype: MA70041, **Plate 12i**, collected from the early Miocene (late Otaian–Altonian) Pakaurangi Formation, Pakaurangi Point, Hukatere Peninsula, New Zealand.

Current name: *Argalista kaiparaensis* Finlay, 1930 – Beu and Raine (2009); MolluscaBase (2023).

† ***Argalista kingi* Powell, 1938**

Powell, A.W.B., 1938c, p. 162, text figs 1, 2.

Holotype: MA70042, collected by A.W.B. Powell in 1924, from the Early Pleistocene (Nukumaruan) Castlepoint Formation, Lighthouse Reef, Castle Point, Wairarapa, New Zealand.

Paratypes: MA71902, four specimens, from the type locality.

Current name: *Argalista kingi* Powell, 1938 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

† ***Argalista leniumbilicata* Laws, 1935**

Laws, C.R., 1935c, p. 33, not figured.

Holotype: MA70043, **Plate 12j, k**, collected from the late Eocene (Runangan) Totara Limestone at Trig M, Totara, Oamaru, New Zealand.

Paratypes: MA72676, four specimens, from the type locality.

Current name: *Argalista leniumbilicata* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

***Argalista nana* Finlay, 1930**

Finlay, H.J., 1930c, p. 223, not figured.

Holotype: MA70044, **Plate 12l, m**, collected by W. La Roche, from 22 m (12 fathoms) depth, Awanui [Rangaunu] Bay, Northland, New Zealand.

Paratypes: MA72573, 12 specimens, from the type locality.

Current name: *Argalista nana* Finlay, 1930 – MolluscaBase (2023).

† ***Argalista proimpervia* Laws, 1935**

Laws, C.R., 1935c, pp. 32, 33, pl. 5, fig. 6.

Holotype: MA70045, collected from the late Eocene (Runangan) Totara Limestone at Trig M, Totara, Oamaru, New Zealand.

Paratypes: MA72675, four specimens, from the type locality.

Current name: *Eutinochilus proimpervius* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

† ***Argalista promicans* Laws, 1936**

Laws, C.R., 1936b, p. 105, pl. 16, figs 56, 58.

Holotype: MA70046, collected from the early Pliocene (Opotian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Argalista promicans* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

† ***Argalista proumbilicata* Finlay, 1930**

Finlay, H.J., 1930b, p. 56, pl. 2, figs 20–22.

Holotype: MA70047, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratype: MA72447, one specimen; MA72448, 17 specimens; all from the type locality.

Current name: *Argalista proumbilicata* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

***Argalista rotella* Powell, 1937**

Powell, A.W.B., 1937b, pp. 187, 188, pl. 50, figs 18, 19.

Holotype: NHM 1962987

Paratypes: MA72242, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Argalista rotella* Powell, 1937 – MolluscaBase (2023).

***Argalista umbilicata* Powell, 1926**

Powell, A.W.B., 1926a, p. 46, pl. 5, fig. 1, 2.

Holotype: CM M5217

Paratypes: MA72337* (missing), collected by the New Zealand Government Trawling Expedition (*Nora Niven* Expedition) in 1907, from the type locality, from

182 m (100 fathoms) depth, at 'Dredge Station C' 97 km (60 miles) east of Lyttelton, New Zealand.

Remarks: The specimen has not been sighted since at least 1993.

Current name: *Argalista umbilicata* Powell, 1926 – MolluscaBase (2023).

***Argalista variegata* Powell, 1937**

Powell, A.W.B., 1937b, p. 188, pl. 50, fig. 17.

Holotype: NHM 1962988

Paratypes: MA71907, 17 specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand; MA72243, nine specimens, collected by A.W.B. Powell on 17 August 1932, from station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Orbiscollonia variegata* Powell, 1937 – MolluscaBase (2023).

† ***Risellopsis prisca* Powell, 1935**

Powell, A.W.B., 1935d, pp. 334, 335, pl. 78, figs 20–22.

Holotype: MA72128, collected from the early Miocene (Altonian) Nihotupu Formation (Powell's locality A), southern end of Maukatia Bay, south of Muriwai Beach, New Zealand.

Paratype: MA71380, one specimen, from the type locality.

Current name: *Cirsochilus priscus* (Powell, 1935) – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

Family CONRADIIDAE

***Crossea cuvieriana* Mestayer, 1919**

Mestayer, M.K., 1919, pp. 132, 133, pl. 8, fig. 10.

Holotype: NMNZ M.001069

Paratypes: MA72914, one specimen; MA73199, one specimen; both collected from the type locality by J. Bollons in 1914, from 69–73 m (38–40 fathoms) depth, off Cuvier Island, Waikato, New Zealand.

Current name: *Crosseola cuvieriana* (Mestayer, 1919) – MolluscaBase (2023).

***Crosseola errata* Finlay, 1926**

Finlay, H.J., 1926b, pp. 402, 403, pl. 19, fig. 33.

Holotype: MA70219, dredged from 22 m (12 fathoms) depth, from Awanui [Rangaunu] Bay, Northland, New Zealand.

Current name: *Crosseola errata* Finlay, 1926 – MolluscaBase (2023).

***Crosseola favosa* Powell, 1937**

Powell, A.W.B., 1937b, pp. 186, 187, pl. 51, fig. 13.

Holotype: NHM 1962983

Paratypes: MA72239, ten specimens, collected by A.W.B. Powell on 17 August 1932, from the type

locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Crosseola favosa* Powell, 1937 – MolluscaBase (2023).

***Crosseola intertexta* Powell, 1937**

Powell, A.W.B., 1937b, p. 187, pl. 51, fig. 12.

Holotype: NHM 1962984

Paratypes: MA72240, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Crosseola intertexta* Powell, 1937 – MolluscaBase (2023).

† ***Crosseola munditia* Laws, 1936**

Laws, C.R., 1936b, p. 104, pl. 16, fig. 57.

Holotype: MA70220, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Remarks: Affected by glass disease.

Current name: *Crosseola munditia* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

† ***Crosseola proerrata* Finlay, 1930**

Finlay, H.J., 1930b, pp. 54, 55, pl. 1, figs 11, 12.

Holotype: MA70221, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratype: MA72444, one specimen, from the type locality.

Current name: *Crosseola proerrata* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

† ***Crosseola sultan* Finlay, 1930**

Finlay, H.J., 1930b, p. 55, pl. 1, fig. 6.

Holotype: MA70222, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Current name: *Crosseola sultan* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

† ***Crosseola tenuisculpta* Laws, 1936**

Laws, C.R., 1936b, pp. 104, 105, pl. 15, figs 30a, b.

Holotype: MA70223, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Crosseola tenuisculpta* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

Family LIOTIIDAE***Liotina tryphenensis* Powell, 1926**

Powell, A.W.B., 1926b, pp. 592, 593, figs 4–6.

Holotype: MA72080, collected by A.W.B. Powell in January 1924, from beneath stones at low water, from Tryphena, Great Barrier Island, New Zealand.

Paratype: MA71407, one specimen, from the type locality.

Current name: *Munditia tryphenensis* (Powell, 1926) – MolluscaBase (2023).

***Munditia anomala* Powell, 1940**

Powell, A.W.B., 1940, pp. 219, 220, pl. 28, figs 16, 17.

Holotype: MA72098, collected by A.W.B. Powell in 1932, from shell sand, Takapaukura /Tom Bowling Bay, Northland, New Zealand.

Current name: *Munditia anomala* Powell, 1940 – MolluscaBase (2023).

***Munditia aupouria* Powell, 1937**

Powell, A.W.B., 1937b, p. 181, pl. 50, figs 3, 4.

Holotype: NHM 1962964

Paratypes: MA71912, six specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand; MA72225, 14 specimens, collected by A.W.B. Powell on 17 August 1932, from station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Munditia aupouria* Powell, 1937 – MolluscaBase (2023).

***Munditia delicatula* Powell, 1940**

Powell, A.W.B., 1940, p. 219, pl. 28, figs 1, 2.

Holotype: MA70491, dredged by J. Bollons, from 91 m (50 fathoms) depth, between Piwhane/Spirits Bay and Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: Specimen badly damaged by glass disease.

Current name: *Munditia delicatula* Powell, 1940 – MolluscaBase (2023).

***Munditia echinata* Powell, 1937**

Powell, A.W.B., 1937b, p. 181, pl. 50, figs 5, 6.

Holotype: NHM 1962966

Paratype: MA72226, one specimen, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Munditia echinata* Powell, 1937 – MolluscaBase (2023).

***Munditia manawatawhia* Powell, 1937**

Powell, A.W.B., 1937b, pp. 181, 182, pl. 50, figs 1, 2.

Holotype: NHM 1962967

Paratypes: MA72227, four specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Munditia manawatawhia* Powell, 1937 – MolluscaBase (2023).

***Munditia owengaensis* Powell, 1933**

Powell, A.W.B., 1933i, p. 195, pl. 33, figs 9, 10.

Holotype: MA70492, collected by A.W.B. Powell and/or C.A. Fleming in February 1933, from 18 m (10 fathoms) depth, off Owenga Beach, Chatham Islands, New Zealand.

Remarks: Specimen damaged by glass disease.

Current name: *Munditia owengaensis* Powell, 1933 – MolluscaBase (2023).

† *Munditia proavita* Laws, 1936

Laws, C.R., 1936b, pp. 102, 103, pl. 15, figs 49, 51.

Holotype: MA70493, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratypes: MA72694, two specimens, from the type locality.

Current name: *Munditia proavita* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

Family SKENEIDAE**† *Cirsonella aedicula* Laws, 1936**

Laws, C.R., 1936b, p. 104, pl. 15, figs 53, 54.

Holotype: MA70171, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratypes: MA72696, three specimens, from the type locality.

Current name: *Cirsonella aedicula* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

***Cirsonella consobrina* Powell, 1930**

Powell, A.W.B., 1930a, p. 534, pl. 61, figs 13, 14.

Holotype: MA70172, dredged by W. La Roche in 1922, from 11 m (6 fathoms) depth, near ‘Mangonui Heads’, Doubtless Bay, New Zealand.

Paratypes: MA71392, ten specimens, from the type locality.

Remarks: Holotype badly affected by glass disease.

Current name: *Cirsonella consobrina* Powell, 1930 – MolluscaBase (2023).

***Cirsonella laxa* Powell, 1937**

Powell, A.W.B., 1937b, p. 184, pl. 50, figs 8, 9.

Holotype: NHM 1962975

Paratypes: MA72233, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Cirsonella laxa* Powell, 1937 – MolluscaBase (2023).

***Cirsonella paradoxa* Powell, 1937**

Powell, A.W.B., 1937b, pp. 183, 184, pl. 50, figs 15, 16.

Holotype: NHM 1962973

Paratypes: MA72231, eight specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Cirsonella paradoxa* Powell, 1937 – MolluscaBase (2023).

***Cirsonella parvula* Powell, 1926**

Powell, A.W.B., 1926a, pp. 45, 46, pl. 5, figs 6, 7.

Holotype: CM M5217

Paratypes: MA72336, two specimens, collected by the New Zealand Government Trawling Expedition (*Nora Niven* Expedition) in 1907, from the type locality, from 183 m (100 fathoms) depth, at 'Dredge Station C' 97 km (60 miles) east of Lyttelton, New Zealand.

Current name: *Cirsonella parvula* Powell, 1926 – MolluscaBase (2023).

***Cirsonella pisiformis* Powell, 1937**

Powell, A.W.B., 1937b, p. 184, pl. 50, figs 13, 14.

Holotype: NHM 1962974

Paratypes: MA72232, 31 specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Cirsonella pisiformis* Powell, 1937 – MolluscaBase (2023).

***Cirsonella variegostata* Powell, 1940**

Powell, A.W.B., 1940, pp. 220, 221, pl. 28, figs 9, 10.

Holotype: MA70173, dredged from 256 m (140 fathoms) depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: Specimen damaged by glass disease.

Current name: *Cirsonella variegostata* Powell, 1940 – MolluscaBase (2023).

***Cirsonella waikukuensis* Powell, 1937**

Powell, A.W.B., 1937b, pp. 184, 185, pl. 50, figs 10, 11.

Holotype: NHM 1962976

Paratypes: MA72234, 14 specimens, collected by A.W.B. Powell on 16 August 1932, from the type locality, station 930, RRS *Discovery II* cruise, in 29 m depth, off Waikuku Beach, Northland, New Zealand.

Current name: *Cirsonella waikukuensis* Powell, 1937 – MolluscaBase (2023).

***Crosseola cookiana* Dell, 1952**

Dell, R.K., 1952a, pp. 415, 416, pl. 85, fig. 4.

Holotype: NMNZ M.005502

Paratype: MA72765, one specimen, collected by NZGS *Matai* on 6 November 1936, from the type locality, from 104 m depth, Mernoo Bank, Chatham Rise, New Zealand.

Current name: *Lodderia eumorpha cookiana* (Dell, 1952) – MolluscaBase (2023).

***Liotella aupouria* Powell, 1937**

Powell, A.W.B., 1937b, p. 182, pl. 51, fig. 9.

Holotype: NHM 1962968

Paratype: MA72228, one specimen, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Liotella aupouria* Powell, 1937 – MolluscaBase (2023).

***Liotella rotuloides* Powell, 1937**

Powell, A.W.B., 1937b, pp. 182, 183, pl. 51, fig. 8.

Holotype: NHM 1961643

Paratypes: MA72229, 50 specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Liotella rotula* (Suter, 1908) – Powell (1979: 79); MolluscaBase (2023).

***Lodderena formosa* Powell, 1930**

Powell, A.W.B., 1930b, p. 541, pl. 87, figs 11, 12.

Holotype: MA70420, collected by W. La Roche in 1922, from 11–18 m (6–10 fathoms) depth, off 'Mangonui Heads', Doubtless Bay, New Zealand.

Current name: *Lodderena formosa* Powell, 1930 – MolluscaBase (2023).

***Lodderena nana* Powell, 1930**

Powell, A.W.B., 1930b, pp. 541, 542, pl. 87, figs 13, 14.

Holotype: MA70421, collected by W. La Roche in 1922, from 11–18 m (6–10 fathoms) depth, off 'Mangonui Heads', Doubtless Bay, New Zealand.

Current name: *Lodderena nana* Powell, 1930 – MolluscaBase (2023).

***Lodderia iota* Powell, 1940**

Powell, A.W.B., 1940, p. 220, pl. 28, fig. 6.

Holotype: MA70418, dredged by W. La Roche, from 22 m (12 fathoms) depth, off 'Awanui, Doubtless [Rangaunu] Bay', Northland, New Zealand.

Paratypes: MA71551, 21 specimens, from the type locality.

Remarks: Holotype destroyed by glass disease. See Blom (2022: 6) for a discussion of La Roche's sampling localities.

Current name: *Lodderia iota* Powell, 1940 – MolluscaBase (2023).

***Lodderia waitemata* Powell, 1940**

Powell, A.W.B., 1940, p. 220, pl. 28, fig. 7.

Holotype: MA70419, collected by C.A. Fleming on 19 July 1931, from seaweed washings, Takapuna Beach, Auckland, New Zealand.

Paratype: MA71552, one specimen, from the type locality.

Remarks: Holotype destroyed by glass disease.

Current name: *Lodderia waitemata* Powell, 1940 – MolluscaBase (2023).

***Starkeyna maoria* Powell, 1937**

Powell, A.W.B., 1937b, p. 185, pl. 49, figs 10, 11.

Holotype: NHM 1961669

Paratypes: MA71896, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Cirsonella maoria* (Powell, 1937) – Powell (1979: 70); MolluscaBase (2023).

***Tasmocrossea benthicola* Dell, 1952**

Dell, R.K., 1952d, p. 105, fig. 2.

Holotype: NMNZ M.005559

Paratypes: MA72769, two specimens, collected by the RRS *Discovery II* on 24 October 1950, from the type locality, from 536 m depth, Lord Howe Rise, Tasman Sea.

Remarks: Specimens were probably incomplete when collected and have been further affected by glass disease.

Current name: *Tasmocrossea benthicola* Dell, 1952 – MolluscaBase (2023).

***Zalipais benthicola* Powell, 1927**

Powell, A.W.B., 1927a, pp. 115, 116, pl. 21, fig. 12.

Holotype: CM M5377

Paratypes: MA72341, two specimens, collected by R. Speight in December 1908, from the type locality, from 311 m (170 fathoms) depth, off Puysegur Point, Southland, New Zealand.

Current name: *Zalipais benthicola* Powell, 1927 – MolluscaBase (2023).

***Zalipais turneri* Powell, 1939**

Powell, A.W.B., 1939, p. 230, pl. 49, fig. 11.

Holotype: MA70857, collected by A.W.B. Powell in October/November 1934, from seaweeds, Ocean Beach, Stewart Island/Rakiura, New Zealand.

Remarks: Material described by Powell (1939) came from R.H. Harrison, Augustus Hamilton and a field trip that Powell undertook in October/November 1934, which was hosted by G.M. Turner. However, provenance often cannot be determined from the labels or from Powell (1939). Given that this species was named after Turner, it is assumed that the specimen was collected by Powell on his 1934 trip.

Current name: *Zalipais turneri* Powell, 1939 – MolluscaBase (2023).

Family SOLARIELLIDAE

***Solariella kemp* Powell, 1951**

Powell, A.W.B., 1951c, pp. 102, 103, pl. 5, fig. 6; fig. G–11.

Holotype: NHM 1961367

Paratypes: MA71930, four specimens, collected by the crew of the RRS *William Scoresby* on 18 October 1931, from the type locality, station WS766, in 545 m depth west of the Falkland Islands, British Overseas Territory.

Current name: *Solariella kemp* Powell, 1951 – MolluscaBase (2023).

***Zeminolia benthicola* Powell, 1937**

Powell, A.W.B., 1937b, p. 180, pl. 51, fig. 4.

Holotype: NHM 1962963

Paratype: MA72224, one specimen, collected by A.W.B. Powell on 17 August 1932, from station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: The holotype was collected from station 933.

Current name: *Spectamen benthicola* (Powell, 1937) – MolluscaBase (2023).

† *Zeminolia carinata* Laws, 1935

Laws, C.R., 1935c, p. 31, pl. 5, fig. 3.

Holotype: MA70880, collected from the early Miocene (Altonian), Mount Harris Formation, Awamoa Creek, Oamaru, Otago, New Zealand.

Current name: *Spectamen carinatum* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

† *Zeminolia fossa* Laws, 1932

Laws, C.R., 1932, pp. 185, 186, pl. 26, figs 1–3.

Holotype: MA70881, collected by C.R. Laws, from late Oligocene (Duntroonian) Wharekuri Greensand, true left bank of the Waitaki River, 1.6 km below Wharekuri (site now submerged beneath Lake Waitaki), north Otago, New Zealand.

Paratype: MA72735, juvenile specimen, from the type locality.

Current name: *Spectamen fossa* (Laws, 1932) – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

***Zeminolia luteola* Powell, 1937**

Powell, A.W.B., 1937b, p. 179, pl. 51, figs 1, 2.

Holotype: NHM 1962961

Paratypes: MA72222, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Spectamen luteolum* (Powell, 1937) – MolluscaBase (2023).

***Zeminolia tryphenensis* Powell, 1930**

Powell, A.W.B., 1930a, pp. 534–536, pl. 62, figs 16–18.

Holotype: MA72175, dredged by W. La Roche in 1924, from 11 m (6 fathoms) depth, at Tryphena, Great Barrier Island, New Zealand.

Paratype: MA71393, from the type locality.

Current name: *Spectamen tryphenense* (Powell, 1930) – MolluscaBase (2023).

***Zeminolia vera* Powell, 1937**

Powell, A.W.B., 1937b, pp. 179, 180, pl. 51, fig. 3.

Holotype: NHM 1962962

Paratypes: MA72223, three specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Spectamen verum* (Powell, 1937) – MolluscaBase (2023).

Family TURBINIDAE**† *Astraea stirps* Laws, 1932**

Laws, C.R., 1932, pp. 186, 187, pl. 26, figs 4, 7; pl. 27, fig. 11.

Holotype: MA70049, collected by F.J. Turner in 1930, from the middle Miocene (Lillburnian) of the Park Bluff Sandstone [bed B] on the true left bank of the Waiau River, Clifden, Southland, New Zealand Southland.

Current name: *Astraea stirps* Laws, 1932 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

***Astrarium pyramidale* Webster, 1905**

Webster, W.H., 1905, pp. 276, 277, fig. 2a.

Holotype: MA70050, collected from Takapuna Beach, Auckland, New Zealand.

Current name: *Cookia sulcata* (Lightfoot, 1786) – Powell (1979: 67); MolluscaBase (2023).

† *Cookia kawauensis* Powell, 1938

Powell, A.W.B., 1938a, p. 378, pl. 39, fig. 15.

Holotype: MA72053, collected by A.W.B. Powell in 1927, from the early Miocene (Otaian) Bostaquet Member of the Cape Rodney Formation on the east side of Bostaquet Bay, Kawau Island, New Zealand.

Current name: *Cookia kawauensis* Powell, 1938 – Maxwell in: Spencer *et al.* (2009: 240); MolluscaBase (2023).

***Tropidomarga biangulata* Powell, 1951**

Powell, A.W.B., 1951c, pp. 101–102, pl. 5, fig. 5, fig. G (6).

Holotype: NHM 1961365

Paratype: MA71929, one specimen, collected on 21 January 1927, from the type locality, station 159, RRS *Discovery* Investigation, in 160 m depth, NE of Cumberland Bay, South Georgia, British Overseas Territory.

Current name: *Tropidomarga biangulata* Powell, 1951 – MolluscaBase (2023).

† *Turbo castaneus tiara* M. Smith, 1937

Smith, M., 1937, p. 66, pl. 6, fig. 9.

Holotype: Smith (1937: 66) stated that the type was to be placed with the Museum of Comparative Zoology. A search of this museum's online database did not locate a type.

Paratype: MA73224, one specimen, collected from the Pliocene Caloosahatchee Formation, Clewiston, Florida, United States of America.

Current name: *Turbo castaneus tiara* M. Smith, 1937 uncertain status – MolluscaBase.

***Turbo (Lunella) radina* Webster, 1905**

Webster, W.H., 1905, p. 276, figs 1a, b.

Holotype: MA70785, collected from Takapuna, Auckland, New Zealand.

Paratype: MA71585, seven specimens, from the type locality.

Current name: *Lunella smaragda* (Gmelin, 1791) – Powell (1979: 66, 67); MolluscaBase (2023).

Subclass CAENOGASTROPODA**Order ARCHITAENIOGLOSSA****Superfamily CYCLOPHOROIDEA****Family NEOCYCLOTIDAE*****Poteria caribaea* Clench & Aguayo, 1935**

Clench, W.J. and C.G. Aguayo, 1935, p. 51, pl. 3, figs 5, 6.

Holotype: MCZ 109264

Paratypes: MA73550, five specimens, collected by B.W. Arnold in April 1932, from the type locality, Spring Mount, Saint James, Jamaica.

Remarks: The specimens were exchanged with the MCZ.

Current name: *Cyclopilsbrya caribaea* (Clench & Aguayo, 1935) – de la Torre *et al.* (1942: 77); MolluscaBase (2023).

Family PUPINIDAE

***Cytora brooki* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, p. 59, figs 1E, 4E, 6E, 6F.

Holotype: NMNZ M.179665

Paratype: MA73289, one specimen, collected by G.R. Parrish on 19 March 1988, from the type locality, Tapotupotu Bush, southeast of Cape Reinga, Northland, New Zealand.

Current name: *Cytora brooki* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora depressa* N.W. Gardner, 1968**

Gardner, N.W., 1968, pp. 159, 160, pl. 1, fig. 1.

Holotype: MA71315, collected by N.W. Gardner in January 1967, from leaf mould amongst rocky outcrops, west side of Takaka Hill, Tasman, New Zealand.

Paratypes: MA71841, three specimens, from the type locality.

Current name: *Cytora depressa* N.W. Gardner, 1968 – MolluscaBase (2023).

***Cytora gardneri* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, pp. 68, 69, figs 4K, 7I, 7J, 11A.

Holotype: NMNZ M.179667

Paratype: MA73290, one specimen, collected by C.C. Ogle in November 1986, from the type locality, NE of Waitiki Landing, Northland, New Zealand.

Current name: *Cytora gardneri* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora hazelwoodi* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, p. 71, figs 9A, 10C, 10D, 11D.

Holotype: NMNZ M.179668

Paratype: MA73291, one specimen, collected by P.C. Mayhill in August 1980, SW of Coroglen, Coromandel Peninsula, New Zealand.

Current name: *Cytora hazelwoodi* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora hispida* N.W. Gardner, 1967**

Gardner, N.W., 1967, pp. 215, 216, pl. 1, fig. 1.

Holotype: MA71293, collected by N.W. Gardner in April 1965, from a small bush remnant, Tapotupotu Bay, Northland, New Zealand.

Paratypes: MA71809, 11 specimens, from the type locality.

Current name: *Cytora hispida* N.W. Gardner, 1967 – MolluscaBase (2023).

***Cytora houhora* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, pp. 76, 77, figs 9B, 10G, 10H, 13B.

Holotype: NMNZ M.179669

Paratype: MA73292, one specimen, collected by B.F. Hazelwood on 4 January 1976, from Mt Camel, Houhora, Northland, New Zealand.

Current name: *Cytora houhora* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora jamiesoni* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, pp. 77, 79, figs 9E, 10K, 10L, 13C.

Holotype: NMNZ M.179670

Paratypes: MA73293, two specimens, collected by P.R. Jamieson on 8 March 1976, at the mouth of the Swan Burn Creek, southern end of Heaphy Track, South Island, New Zealand.

Current name: *Cytora jamiesoni* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora kahurangi* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, p. 79, figs 9C, 12A, 12B, 13D.

Holotype: NMNZ M.179671

Paratypes: MA73294, two specimens, collected by D.J. Roscoe on 2 February 1993, from gully at end of beach, Fossil Point, north of Collingwood, Tasman, New Zealand.

Current name: *Cytora kahurangi* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora kamura* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, pp. 81–83, figs 2B, 9F, 11F, 12E, 12F.

Holotype: NMNZ M.179672

Paratype: MA73295, one specimen, collected by P.C. Mayhill in February 1981, from Curious Cove, Queen Charlotte Sound, Marlborough, New Zealand.

Current name: *Cytora kamura* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora kerrana* N.W. Gardner, 1968**

Gardner, W.H. 1968, p. 160, pl. 1, figs 2, 3.

Holotype: MA71316, collected by N.W. Gardner in January 1966, from under stunted scrub on coastal cliff, Ngā Atua Tātā/Kerr Point, Northland, New Zealand.

Paratypes: MA71838, eight specimens, from the type locality.

Current name: *Cytora kerrana* N.W. Gardner, 1968 – MolluscaBase (2023).

***Cytora malleata* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, pp. 85, 87, figs 9I, 12K, 12L, 13F.

Holotype: NMNZ M.179673

Paratypes: MA73296, two specimens, collected by P.C. Mayhill in November 1988, from Ngaitonga, Te Ringa Track, northwest of Whangaruru, Northland, New Zealand.

Current name: *Cytora malleata* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora maui* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, pp. 87–89, figs 9J, 14A, 14B, 15A.

Holotype: NMNZ M.183065

Paratypes: MA73297, two specimens, collected by C. Broomfield in 1979, from Waituhi Kuratau Scenic Reserve, Pureora Forest, New Zealand.

Current name: *Cytora maui* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora mayhillae* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, pp. 89, 90, figs 9K, 14C, 14D, 15B.

Holotype: NMNZ M.146093

Paratype: MA73298, one specimen, collected by P.C. Mayhill in February 1985, from Old Doubtful Sound Track, Deep Cove, Doubtful Sound, Southland, New Zealand.

Current name: *Cytora mayhillae* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora minor* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, pp. 90, 91, figs 9L, 14E, 14F, 15C.

Holotype: NMNZ M.082612

Paratype: MA73299, one specimen, collected by Department of Conservation on 21 November 1991, from Herangi Range, northeast of Awakino, Waikato, New Zealand.

Current name: *Cytora minor* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora motu* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, p. 91, figs 9M, 14G, 14H, 15D.

Holotype: NMNZ M.179674

Paratypes: MA73300, five specimens, collected by J.A. Bartle on 15 January 1978, from Puweto Valley, Aorangi Island, Poor Knights Islands, Northland, New Zealand.

Current name: *Cytora motu* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora paparoa* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, pp. 97, 98, figs 2G, 16E, 17E, 18C, 18D.

Holotype: NMNZ M.179675

Paratype: MA73301, one specimen, collected by F.M. Climo and K. Mahlfeld on 23 December 1992, from Fox River, NNE of Punakaiki, West Coast, New Zealand.

Current name: *Cytora paparoa* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora parrishi* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, pp. 99, 100, figs 16B, 17D, 18E, 18F.

Holotype: NMNZ M.179676

Paratypes: MA73302, two specimens, collected by F.J. Brook, K.J. Burch and B.A. Marshall on 28 November 2003, from south of Waihapurua Stream, Whatuwhiwhi, Karikari Peninsula, Northland, New Zealand.

Current name: *Cytora parrishi* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora rakiura* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, p. 100, figs 16C, 17F, 18G, 18H.

Holotype: NMNZ M.030684

Paratype: MA73303, one specimen, collected by R.K. Dell and B.A. Holloway on 22 January 1955, from island in Seal Creek, east of Port Pegasus, Stewart Island/Rakiura, New Zealand.

Current name: *Cytora rakiura* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora tawhiti* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, p. 105, figs 19C, 20C, 20D.

Holotype: NMNZ M.146024

Paratype: MA73304, one specimen, collected by P.C. Mayhill in December 1983, from Rose Island, Auckland Islands, New Zealand.

Current name: *Cytora tawhiti* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora tepakiensis* N.W. Gardner, 1967**
Gardner, N.W., 1967, p. 216, pl. 1, fig. 2.

Holotype: MA71294, collected by N.W. Gardner in April 1965, from small bush remnant, Tapotupotu Bay, Northland, New Zealand.

Paratypes: MA71834, seven specimens, from the type locality.

Current name: *Cytora tepakiensis* N.W. Gardner, 1967 – MolluscaBase (2023).

***Cytora tokerau* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, pp. 106, 107, figs 16H, 19B, 20G, 20H.

Holotype: NMNZ M.179678

Paratype: MA73305, one specimen, collected by P.C. Mayhill in November 1989, from Waipapa Track, Puketi Forest, south of Kaero, Northland, New Zealand.

Remarks: The above locality details for MA73305 are those as published by B.A. Marshall & G.M. Barker (2007: 106). The label information with the specimen is for an additional paratype lot, M.97910, collected by P.C. Mayhill in November 1987, from Waiare Road, southeast of Kaero.

Current name: *Cytora tokerau* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Cytora tuarua* B.A. Marshall & G.M. Barker, 2007**
Marshall, B.A. and G.M. Barker, 2007, pp. 108–110, figs 16J, 19F, 20K, 20L.

Holotype: NMNZ M.179688

Paratypes: MA73306, two specimens, collected by I. Millar on 19 June 1986, from Big Bush, northwest of St Arnaud, Tasman, New Zealand.

Current name: *Cytora tuarua* B.A. Marshall & G.M. Barker, 2007 – MolluscaBase (2023).

***Lagochilus fasciatum* Suter, 1894**

Suter, H., 1894a, p. 132, pl. 19, figs 30, 31.

Syntype: MA73001, one specimen, collected by R. Murdoch, near Manaia, Waimate Plain, Taranaki, New Zealand.

Remarks: A second syntype, originally in the Suter Collection (NMNZ) has not been located (Marshall 1996: 47).

Current name: *Cytora fasciata* (Suter, 1894) – MolluscaBase (2023).

***Liarea aupouria aupouria* Powell, 1954**

Powell, A.W.B., 1954b, pp. 286, 287, pl. 44, fig. 2; pl. 48, figs 33, 33a.

Holotype: MA71204, collected by A.W.B. Powell, from 259–274 m (850–900 ft) depth, Unuwahao, Piwhane/Spirits Bay, Northland, New Zealand.

Current name: *Liarea aupouria aupouria* Powell, 1954 – MolluscaBase (2023).

***Liarea aupouria tara* Powell, 1954**

Powell, A.W.B., 1954b, pp. 287, 288, pl. 48, fig. 34.

Holotype: MA71205, collected by A.W.B. Powell on 23 March 1949, from Ngā Atua Tātā/Kerr Point herb field, Northland, New Zealand.

Paratypes: MA73016, 25 specimens, from the type locality.

Current name: *Liarea aupouria tara* Powell, 1954 – MolluscaBase (2023).

***Liarea egea tessellata* Powell, 1954**

Powell, A.W.B., 1954b, p. 286, pl. 44, fig. 5; pl. 47, figs 24–26.

Holotype: MA71203, collected by W. La Roche, from Opononi, Northland, New Zealand.

Paratypes: MA71495, 48 specimens, from the type locality.

Current name: *Liarea egea tessellata* Powell, 1954 – MolluscaBase (2023).

***Liarea hochstetteri alta* Powell, 1954**

Powell, A.W.B., 1954b, pp. 280, 281, pl. 45, figs 13, 14.

Holotype: MA71201, collected by A.W.B. Powell on 27 March 1949, from the west side of the railway track between Waiotira and Tauraroa, Northland, New Zealand.

Paratypes: MA71993, 12 specimens, from the type locality.

Current name: *Liarea hochstetteri alta* Powell, 1954 – MolluscaBase (2023).

***Liarea ornata* Powell, 1954**

Powell, A.W.B., 1954b, pp. 282, 283, pl. 48, fig. 37.

Holotype: MA71202, collected by A.W.B. Powell and N.W. Gardner in January 1952, ‘in reserve near bridge, main highway’, 5 km (3 miles) south of Wellsford, Auckland, New Zealand.

Paratypes: MA71566, 16 specimens, from the type locality.

Current name: *Liarea ornata* Powell, 1954 – MolluscaBase (2023).

***Liarea turriculata partula* Powell, 1954**

Powell, A.W.B., 1954b, pp. 291, 292, pl. 48, fig. 35.

Holotype: MA71207, collected by N.W. Gardner on 28 March 1948, 2.5 km (1.5 miles) south of Pukapuka Rd, Warkworth, Auckland, New Zealand.

Paratypes: MA71496, eight specimens, from the type locality.

Remarks: A handwritten scrap of paper with the paratypes has the locality as ‘1.5 m Nth Pukapuka Xrds’, which suggests that the published locality of 1.5 miles south of Pukapuka Road is 5.4 km (3 miles) south of the actual locality.

Current name: *Liarea turriculata partula* Powell, 1954 – MolluscaBase (2023).

***Liarea turriculata waipoua* Powell, 1954**

Powell, A.W.B., 1954b, p. 291, pl. 44, fig. 3; pl. 48, fig. 36.

Holotype: MA71206, collected by N.W. Gardner on 2 January 1950, Waipoua Forest, Northland, New Zealand.

Current name: *Liarea turriculata waipoua* Powell, 1954 – MolluscaBase (2023).

***Murdochia ampla* Powell, 1941**

Powell, A.W.B., 1941b, p. 260, pl. 51, fig. 10.

Holotype: MA70497, collected by A.W.B. Powell in 1932, from 244–274 m (800–900 ft) depth, Unuwahao, Piwhane/Spirits Bay, Northland, New Zealand.

Current name: *Cytora lignaria* (Pfeiffer, 1857) – MolluscaBase (2023).

***Murdochia annectens* Powell, 1948**

Powell, A.W.B., 1948, p. 274, pl. 53, fig. 3.

Holotype: MA71046, collected live, 800 m (0.5 mile) NE from SE landing, on underside of decaying wood in leaf mould, kānuka (*Leptospermum ericoides* [= *Kunzea triregensis*]) scrub, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Cytora annectens* (Powell, 1948) – MolluscaBase (2023).

***Murdochia aranea* Powell, 1928**

Powell, A.W.B., 1928b, p. 365, pl. 54, fig. 1.

Holotype: MA72099, collected by W. La Roche in April 1928, from under decaying leaves in native bush, Opononi, Northland, New Zealand.

Paratypes: MA71478, six specimens, from the type locality.

Current name: *Cytora aranea* (Powell, 1928) – MolluscaBase (2023).

***Murdochia filicosta* Powell, 1948**

Powell, A.W.B., 1948, p. 274, pl. 53, fig. 4.

Holotype: MA71047, collected by Major G.A. Buddle in January 1948, from leaf mould, Oromaki/North East Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA71475, 98 specimens, from the type locality.

Remarks: MA71475 includes three punctid specimens.

Current name: *Cytora filicosta* (Powell, 1948) – MolluscaBase (2023).

***Murdochia hirsutissima* Powell, 1951**

Powell, A.W.B., 1951a, pp. 132, 133, pl. 27, fig. 6.

Holotype: MA71170, collected by A.W.B. Powell on 6 October 1948, from the site of a *Basileostylus bollonsi* colony, in leaf mould amongst large boulders under *Streblus smithii* and *Brachyglottis arborescens*, at c. 213 m (700 ft) elevation on SW coast of Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA71489, eight specimens, from the type locality.

Current name: *Cytora hirsutissima* (Powell, 1951) – MolluscaBase (2023).

***Murdochia solitaria* Powell, 1935**

Powell, A.W.B., 1935a, p. 244, pl. 26, figs 1, 2.

Holotype: MA70498, collected by A.W.B. Powell in February 1934, 137 m (150 yards) up the valley southwest of the provision depot, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Cytora solitaria* (Powell, 1935) – MolluscaBase (2023).

Subterclass SORBEOCONCHA**Superfamily CERITHIOIDEA****Family CERITHIIDAE****†*Taxonía tesserata* Marwick, 1948**

Marwick, J., 1948, p. 28, pl. 7, fig. 1.

Holotype: MA71228, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitematā Brewery well, Ōtāhuhu, Auckland, New Zealand.

Current name: *Taxonía tesserata* Marwick, 1948 – Maxwell in: Spencer *et al.* (2009: 241); MolluscaBase (2023).

***Zebittium editum* Powell, 1930**

Powell, A.W.B., 1930a, p. 541, pl. 61, fig. 15.

Holotype: MA70868, dredged by J. Bollons, from 110 m (60 fathoms) depth, off Poor Knights Islands, Northland, New Zealand.

Paratypes: MA71397, four specimens, from the type locality.

Current name: *Zebittium editum* Powell, 1930 – MolluscaBase (2023).

***Zebittium laevicordatum* Powell, 1937**

Powell, A.W.B., 1937b, p. 204, pl. 54, fig. 3.

Holotype: NHM 19621037

Paratypes: MA71916, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Zebittium laevicordatum* Powell, 1937 – MolluscaBase (2023).

†*Zefallacia benesulcata* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 416, 417, pl. 37, figs 27–31.

Holotype: MA72173, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratypes: MA71695, two specimens, from the type locality.

Current name: *Zefallacia benesulcata* Powell & Bartrum, 1929 – Maxwell in: Spencer *et al.* (2009: 241); MolluscaBase (2023).

†*Zefallacia lawsi* Marwick, 1948

Marwick, J., 1948, p. 29, pl. 7, figs 2–4.

Holotype: GNS TM 1333

Paratypes: MA72678, two specimens, collected from the type locality, the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitematā Brewery well, Ōtāhuhu, Auckland, New Zealand.

Current name: *Zefallacia lawsi* Marwick, 1948 – Maxwell in: Spencer *et al.* (2009: 241); MolluscaBase (2023).

Family POTAMIDIDAE**†*Bittiscala communis* Finlay & Marwick, 1937**

Finlay, H.J. and J. Marwick, 1937, p. 45, pl. 5, fig. 9.

Holotype: MA73341, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Paratypes: MA71539, 20 specimens, from the type locality.

Current name: *Bittiscala communis* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 241); MolluscaBase (2023).

†*Pyrazus consobrinus* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 417, 418, pl. 37, figs 32, 33.

Holotype: MA72124, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratypes: MA71696, two near-complete specimens and one small fragment, from the type locality.

Current name: *Terebralia consobrina* (Powell & Bartrum, 1929) – Beu (2004: 204); MolluscaBase (2023).

†*Pyrazus waitemataensis* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, p. 418, pl. 37, fig. 34.

Holotype: MA72125, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratypes: MA71697, two specimens, from the type locality.

Current name: *Terebralia waitemataensis* (Powell & Bartrum, 1929) – Beu (2004: 204); MolluscaBase (2023).

Family SILIQUARIIDAE

Siliquaria maoria Powell, 1940

Powell, A.W.B., 1940, pp. 231, 232, pl. 33, figs 3–5.

Holotype: MA72142, collected from 256 m (140 fathoms) depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA73601, three specimens, from the type locality.

Remarks: The three paratype specimens were previously included with the holotype lot, but Powell (1940) specifically mentions the figured specimen, representing the early compacted whorls, as the holotype. The additional three specimens are mentioned as part of the type description, as representative of specimens which show that ‘later the shell meanders and then straightens out’, and are therefore treated here as paratypes.

Current name: *Tenagodus maoria* (Powell, 1940) – MolluscaBase (2023).

Family TURRITELLIDAE

†*Colposigma mesalia* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 40, pl. 5, figs 7, 8.

Holotype: GNS TM 5376

Paratypes: MA72866, two specimens, collected from the Palaeocene (Teurian) Wangaloa Formation at Wangaloa, Otago, New Zealand; MA72867, two specimens, collected from the type locality, early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Colposigma mesalia* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 241); MolluscaBase (2023).

Gazameda maoria Powell, 1940

Powell, A.W.B., 1940, p. 230, pl. 33, fig. 7.

Holotype: MA72064, dredged by J. Bollons, from 91 m (50 fathoms) depth, between Piwhane/Spirits Bay, Northland and Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Stiracolpus pagoda* (Reeve, 1849) – MolluscaBase (2023).

Maoricolpus finlayi Powell, 1940

Powell, A.W.B., 1940, pp. 229, 230, pl. 33, fig. 11.

Holotype: MA71569, collected from 59 m (32 fathoms) depth, off Piwhane/Spirits Bay, Northland, New Zealand.

Current name: *Maoricolpus finlayi* Powell, 1940 – MolluscaBase (2023).

Maoricolpus roseus manukauensis Powell, 1931

Powell, A.W.B., 1931a, pp. 99–101, pl. 10, figs 9, 10.

Holotype: MA70436, collected from mud flats between Cornwallis Wharf and Big Muddy Creek, Manukau Harbour, Auckland, New Zealand.

Current name: *Maoricolpus roseus* (Quoy & Gaimard, 1834) – MolluscaBase (2023).

†*Pareora incincta* Marwick, 1931

Marwick, J., 1931, pp. 94, 95, pl. 9, fig. 155.

Holotype: GNS TM 5873

Paratypes: MA72928, five specimens, collected from the type locality, the Miocene (Clifdenian) Ihungia Formation at ‘Muddy Creek’, near the headwaters of the Waipaoa River, Gisborne, New Zealand.

Current name: *Pareora incincta* Marwick, 1931 – Maxwell in: Spencer *et al.* (2009: 241); MolluscaBase (2023).

†*Stiracolpus kaawaensis* Laws, 1936

Laws, C.R., 1936b, pp. 108, 109, pl. 16, fig. 65.

Holotype: MA70729, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratypes: MA72698, 26 specimens, from the type locality.

Current name: *Stiracolpus kaawaensis* Laws, 1936 – Beu (2010: 93); MolluscaBase (2023).

†*Tropicolpus (Amplicolpus) healyi* Marwick, 1971

Marwick, J., 1971, pp. 40, 41, pl. 4, figs 8, 9; pl. 5, fig. 9; pl. 9, fig. 12; pl. 10, fig. 2.

Holotype: GNS TM 4416

Paratypes: MA72890, two specimens, collected from the late Oligocene (Duntroonian) Chatton Formation, Chatton, Southland, New Zealand.

Current name: *Tropicolpus healyi* Marwick, 1971 – Maxwell in: Spencer *et al.* (2009: 241); MolluscaBase (2023).

† *Turritella (Maoricolpus) gittosina* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, p. 419, pl. 36, fig. 20.

Holotype: MA72159, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Current name: *Tropicolpus gittosinus* (Powell & Bartrum, 1929) – Maxwell in: Spencer *et al.* (2009: 241); MolluscaBase (2023).

† *Turritella (Maoricolpus) waitemataensis* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 419, 420, pl. 36, fig. 19.

Holotype: MA72160, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratype: MA71699, one specimen, from the type locality.

Current name: *Maoricolpus waitemataensis* Powell & Bartrum, 1929 – Maxwell in: Spencer *et al.* (2009: 241); MolluscaBase (2023).

Turritella (Zeacolpus) ahiparana Powell, 1927

Powell, A.W.B., 1927e, p. 297, pl. 34, fig. 4.

Holotype: MA72158, dredged by D. Crawford of the *ST Serfib* in July 1925, from 42 m (23 fathoms) depth, Ahipara Bay, Northland, New Zealand.

Paratypes: MA71417, 11 specimens, from the type locality.

Current name: *Stiracolpus ahiparanus* (Powell, 1927) – MolluscaBase (2023).

Vermicularia maoriana Powell, 1937

Powell, A.W.B., 1937b, p. 207, pl. 55, figs 9, 10.

Holotype: NHM 19621042

Paratypes: MA71917, seven specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand; MA72285, one specimen, collected by A.W.B. Powell on 16 August 1932, from station 929, RRS *Discovery II* cruise, in 59 m depth, off Piwhane/Spirits Bay, Northland, New Zealand.

Current name: Taxon inquirendum (polychaete) – MolluscaBase (2023).

† *Zeacolpus chattonensis* Marwick, 1929

Marwick, J., 1929, pp. 916, 917, figs 47, 49.

Holotype: GNS TM 4474

Paratypes: MA72933, five partial specimens; MA73603, two partial specimens; all collected from the type locality, the late Oligocene (Duntroonian) Chatton Formation, Chatton, Southland, New Zealand.

Current name: *Tropicolpus chattonensis* (Marwick, 1929) – Maxwell in: Spencer *et al.* (2009: 241); MolluscaBase (2023).

† *Zeacolpus huttoni ohopeus* Marwick, 1957

Marwick, J., 1957, p. 36, pl. 2, fig. 7; pl. 5, fig. 8.

Holotype: GNS TM 1668

Paratype: MA72640, one specimen, collected by A.W.B. Powell in August 1933, from the Late Pleistocene (Haweran) Te Piki Member, Waipaoa Formation, from a road-cutting approximately 6 km east of Whangaparaoa (Cape Runaway), Bay of Plenty, New Zealand.

Current name: *Stiracolpus huttoni* (Cossmann, 1912) – Maxwell in: Spencer *et al.* (2009: 241); MolluscaBase (2023).

Zeacolpus mixtus Finlay, 1930

Finlay, H.J., 1930c, pp. 230, 231, pl. 45, fig. 42.

Holotype: MA70859, dredged by J. Bollons, from 110 m (60 fathoms) depth, off Poor Knights Islands, Northland, New Zealand.

Paratypes: MA72587, ten 10 specimens, from the type locality.

Current name: *Stiracolpus pagoda* (Reeve, 1849) – MolluscaBase (2023).

† *Zeacolpus nisseni* Marwick, 1971

Marwick, J., 1971, pp. 25, 26, pl. 2, fig. 12; pl. 7, fig. 12.

Holotype: MA71312, collected by K.I. Nissen, from middle Miocene (Waiauian) Nissen Shellbeds 2–6, [Finlay’s bed 8A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA72942, one specimen, from the type locality.

Current name: *Zeacolpus nisseni* Marwick, 1971 – Maxwell in: Spencer *et al.* (2009: 241); MolluscaBase (2023).

Zeacolpus (Stiracolpus) delli Marwick, 1957

Marwick, J., 1957, pp. 31, 32, pl. 3, figs 14, 15; pl. 4, figs 11, 12.

Holotype: NMNZ M.011395

Paratypes: MA71689, five specimens, collected by A.W.B. Powell, from 31 m depth, Anita Bay, Milford Sound, Southland, New Zealand.

Current name: *Stiracolpus pagoda* (Reeve, 1849) – MolluscaBase (2023).

† *Zeacolpus (Stiracolpus) haweraensis* Powell, 1931

Powell, A.W.B., 1931a, p. 101, pl. 10, fig. 7.

Holotype: MA70858, collected by A.W.B. Powell in January 1931, from the late Pliocene (Waipipian) Tangahoe Formation, on the coast near the mouth of Waihi Stream, Hawera, Taranaki, New Zealand.

Paratypes: MA43840, three specimens; MA71674, five fragments; all from the type locality.

Current name: *Stiracolpus huttoni* (Cossmann, 1912) – Beu and Raine (2009); MolluscaBase (2023).

***Zeacolpus (Stiracolpus) pagoda powelli* Marwick, 1957**
Marwick, J., 1957, pp. 41, 42, pl. 2, fig. 2; pl. 5, fig. 3.

Holotype: MA71276, collected from 46 m (25 fathoms) depth, off Hen and Chickens Islands, Northland, New Zealand.

Paratypes: MA72636, 34 specimens, from the type locality.

Current name: *Stiracolpus pagoda* (Reeve, 1849) – MolluscaBase (2023).

Superfamily CAPULOIDEA

Family CAPULIDAE

† *Trichosirius finlayi* Laws, 1935

Laws, C.R., 1935c, p. 34, pl. 5, fig. 9.

Holotype: MA70771, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Current name: *Trichosirius (Miplioderma) finlayi* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

Trichosirius inornatus chathamensis Finlay, 1928

Finlay, H.J., 1928, pp. 244, 245, pl. 41, fig. 40.

Holotype: MA70772, presumed to have been collected in early 1924 by a member of the Otago Institute Expedition, Chatham Islands, New Zealand.

Paratypes: MA72553, five specimens, from the type locality.

Remarks: See *Lasaea rossiana vexata* Finlay, 1928 (MA70389) for further comments on provenance.

Current name: *Trichosirius inornatus* (F.W. Hutton, 1873) – Powell (1979: 147); MolluscaBase (2023).

Superfamily CINGULOPSIOIDEA

Family CINGULOPSIDAE

Dardanula minutula Powell, 1937

Powell, A.W.B., 1937b, p. 204, pl. 53, fig. 14.

Holotype: NHM 19621035

Paratypes: MA72274, five specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Tubbreva minutula* (Powell, 1937) – MolluscaBase (2023).

Eatonina (Saginofusca) maculosa Ponder, 1965

Ponder, W.F., 1965c, p. 123, pl. 15, figs 13–15.

Holotype: MA71267, collected by W.F. Ponder on 4 April 1964, from the underside of masses of the vermetid *Novastoa lamellosa* (F.W. Hutton, 1873), Poor

Knights Islands, Northland, New Zealand.

Paratypes: MA72816, 43 specimens, from the type locality.

Current name: *Eatonina maculosa* Ponder, 1965 – MolluscaBase (2023).

Estea crassicarinata Powell, 1937

Powell, A.W.B., 1937b, pp. 196, 197, pl. 53, fig. 4.

Holotype: NHM 19621012

Paratypes: MA72244, four specimens; MA72323, two specimens; all collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Eatonina (Captitonia) crassicarinata* (Powell, 1937) – Ponder and Yoo (1981: 27); MolluscaBase (2023).

Notosetia atomaria Powell, 1933

Powell, A.W.B., 1933i, pp. 198, 199, pl. 34, fig. 9.

Holotype: MA70536, collected by A.W.B. Powell in February 1933, from shell sand, Waitangi, Chatham Islands, New Zealand.

Paratypes: MA71533, four specimens, from the type locality.

Current name: *Eatonina atomaria* (Powell, 1933) – MolluscaBase (2023).

Notosetia exaltata Powell, 1933

Powell, A.W.B., 1933i, p. 199, pl. 34, fig. 6.

Holotype: MA70538, collected by A.W.B. Powell and/or C.A. Fleming in February 1933, from 18 m (10 fathoms) depth, off Owenga Beach, Chatham Islands, New Zealand.

Paratypes: MA71534, 46 specimens, from the type locality.

Current name: *Tubbreva exaltata exaltata* (Powell, 1933) – MolluscaBase (2023).

Notosetia sorenseni Powell, 1955

Powell, A.W.B., 1955, p. 87, pl. 3, fig. 20.

Holotype: MA71220, collected by J.H. Sorensen in 1943, as part of the 1942–1943 ‘Cape Expedition’, Campbell Island/Motu Ihupuku, New Zealand.

Paratypes: MA72431, 24 specimens, from the type locality.

Current name: *Tubbreva exaltata sorenseni* (Powell, 1955) – MolluscaBase (2023).

Rissoia micans Webster, 1905

Webster, W.H., 1905, p. 277, fig. 4.

Holotype: MA70669, collected from Takapuna Beach, Auckland, New Zealand.

Paratypes: MA72887, 32 specimens, from the type locality.

Current name: *Eatonina micans* (Webster, 1905) – MolluscaBase (2023).

***Rufodardanula (Rufodardanula) spadix* Ponder, 1965**

Ponder, W.F., 1965c, pp. 124, 125, pl. 16, figs 1–4.

Holotype: MA71268* (missing), collected by W.F. Ponder on 1 January 1964, from *Corallina*, Te Hāwera-a-Maki/Goat Island Bay, Leigh, Auckland, New Zealand.

Paratypes: MA72836, three specimens, from the type locality.

Remarks: The holotype specimen has not been found since at least 1996.

Current name: *Skenella (Rufodardanula) spadix* (Ponder, 1965) – MolluscaBase (2023).

***Rufodardanula (Tubbreva) exigua* Ponder, 1965**

Ponder, W.F., 1965c, pp. 125, 126, pl. 16, figs 5, 6.

Holotype: MA71269, collected by W.R.B. Oliver on 4 September 1910, from fine brown seaweed in rock pools between tides, east of Purau, Lyttelton Harbour, Canterbury, New Zealand.

Paratypes: MA72837, 83 specimens, from the type locality.

Current name: *Tubbreva exigua* (Ponder, 1965) – MolluscaBase (2023).

Family EATONIELLIDAE***Crassitoniella carinata* Ponder, 1965**

Ponder, W.F., 1965b, pp. 93, 94, pl. 10, figs 2–5.

Holotype: MA71264, collected by K. Hipkins in April 1951, from shell sand, Piwhane/Spirits Bay, Northland, New Zealand.

Paratype: MA72829, one specimen, from the type locality.

Current name: *Crassitoniella carinata* Ponder, 1965 – MolluscaBase (2023).

***Dardanula bollonsi* Powell, 1955**

Powell, A.W.B., 1955, p. 88, pl. 3, fig. 25.

Holotype: MA71222, dredged by J. Bollons, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratypes: MA71609, 40 specimens, from the type locality.

Current name: *Eatoniella verecunda* (Suter, 1908) – Ponder (1965: 91); MolluscaBase (2023).

***Dardanula obtusispira* Powell, 1955**

Powell, A.W.B., 1955, pp. 88, 89, pl. 3, fig. 23.

Holotype: MA71224, dredged by J. Bollons, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratype: MA71987, one specimen, from the type locality.

Current name: *Eatoniella obtusispira* (Powell, 1955) – MolluscaBase (2023).

***Dardanula pallida* Powell, 1937**

Powell, A.W.B., 1937b, p. 203, pl. 53, fig. 16.

Holotype: NHM 19621034

Paratypes: MA72260, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: One specimen badly affected by glass disease.

Current name: *Eatoniella pallida* (Powell, 1937) – MolluscaBase (2023).

† *Dardanula rivertonensis* Finlay, 1924

Finlay, H.J., 1924b, p. 491, fig. 13.

Holotype: MA70239, collected from the early Miocene (Altonian) at ‘Pourakino’, NW of present-day Riverton, Southland, New Zealand.

Paratypes: MA72501, 52 specimens, from the type locality.

Current name: *Eatoniella rivertonensis* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 241).

***Dardanula roseola lacteola* Powell, 1955**

Powell, A.W.B., 1955, p. 88, pl. 3, fig. 24.

Holotype: MA71221, collected [by J. Bollons] from 174 m depth, 22.5 km (14 miles) north of the Auckland Islands, New Zealand.

Paratypes: MA71610, six specimens; MA73212, eight specimens; all from the type locality.

Current name: *Eatoniella roseola* (Iredale, 1915) – Powell (1979: 93); MolluscaBase (2023).

***Dardanula roseospira* Powell, 1937**

Powell, A.W.B., 1937b, p. 203, pl. 53, fig. 13.

Holotype: NHM 19621032

Paratypes: MA72259, three specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Eatoniella roseospira* (Powell, 1937) – MolluscaBase (2023).

***Dardanula tenella* Powell, 1937**

Powell, A.W.B., 1937b, p. 203, pl. 53, fig. 15.

Holotype: NHM 19621033

Paratypes: MA72258, three specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Eatoniella tenella* (Powell, 1937) – MolluscaBase (2023).

***Eatoniella (Abscindostoma) albocolumella* Ponder, 1965**
Ponder, W.F., 1965b, pp. 58, 59, pl. 9, figs 15–18.

Holotype: MA71246, collected by W.J. Ballantine on 16 February 1964, on coralline algae at Cape Campbell, Marlborough, New Zealand.

Paratypes: MA72810, 46 specimens, from the type locality.

Current name: *Eatoniella albocolumella* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Albitoniella) thola* Ponder, 1965**

Ponder, W.F., 1965b, pp. 60, 61, pl. 6, fig. 19.

Holotype: NIWA 7407 (NZOI type registration H-21).

Paratypes: MA72811, seven specimens, collected by staff of the New Zealand Oceanographic Institute on 18 February 1962, from the type locality, N.Z.O.I. station C.760, in 80 m (44 fathoms) depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Crassitoniella thola* (Ponder, 1965) – MolluscaBase (2023).

***Eatoniella (Albosabula) rakiura* Ponder, 1965**

Ponder, W.F., 1965b, p. 63, pl. 10, fig. 10.

Holotype: MA71247, collected on 4 November 1956, from 46 m (25 fathoms) depth, on bryozoans, Ruggedy, Stewart Island/Rakiura, New Zealand.

Paratypes: MA72812, 55 specimens, from the type locality.

Current name: *Eatoniella (Albosabula) rakiura* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Caveatoniella) perforata* Ponder, 1965**

Ponder, W.F., 1965b, pp. 64, 65, pl. 10, fig. 19.

Holotype: MA71249, collected by W. La Roche, from 22 m (12 fathoms) depth, Doubtless Bay, Northland, New Zealand.

Paratypes: MA72814, seven specimens, from the type locality.

Current name: *Eatoniella (Caveatoniella) perforata* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Caveatoniella) puniceomacer* Ponder, 1965**

Ponder, W.F., 1965b, pp. 63, 64, pl. 10, figs 16–18.

Holotype: MA71248* (missing), collected from Tryphena Bay, Great Barrier Island, Auckland, New Zealand.

Paratypes: MA72813, 100 specimens, from type locality.

Remarks: The holotype specimen has not been seen since at least 1996.

Current name: *Eatoniella (Caveatoniella) puniceomacer* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Cerostraca) bathamae* Ponder, 1965**

Ponder, W.F., 1965b, pp. 65, 66, pl. 9, figs 9, 10.

Holotype: MA71250, collected by W.F. Ponder on 5 September 1963, on gelatinous red algae, from Little

Papanui Beach, Dunedin, Otago, New Zealand.

Paratypes: MA72808, 22 specimens, from the type locality.

Current name: *Eatoniella bathamae* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Cerostraca) delli* Ponder, 1965**

Ponder, W.F., 1965b, pp. 66, 67, pl. 9, figs 2–6.

Holotype: MA71251, collected by W.F. Ponder on 21 August 1963, on *Corallina* sp., Bream Tail, Auckland, New Zealand.

Paratypes: MA72815, 20 specimens, from the type locality.

Current name: *Eatoniella delli* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Cerostraca) maculosa* Ponder, 1965**

Ponder, W.F., 1965b, pp. 68, 69, pl. 9, fig. 7.

Holotype: MA71252, collected by W.F. Ponder on 22 May 1963, on various algae, McGregors Bay, Whangārei Heads, Northland, New Zealand.

Paratypes: MA72828, 11 specimens, from the type locality.

Current name: *Eatoniella notata* Ponder & Yoo, 1978 – MolluscaBase (2023).

***Eatoniella (Dardaniopsis?) atervisceralis* Ponder, 1965**

Ponder, W.F., 1965b, pp. 74, 75, pl. 8, figs 12–15.

Holotype: MA71257, collected by E.C. Smith in October 1951, in coralline algae at low tide, Lonneker's Bay, Stewart Island/Rakiura, New Zealand.

Paratypes: MA72822, 108 specimens, from the type locality.

Current name: *Eatoniella atervisceralis* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Dardaniopsis) globosa* Ponder, 1965**

Ponder, W.F., 1965b, p. 71, pl. 8, fig. 8.

Holotype: MA71254, collected by K. Hipkins in 1949, Piwhane/Spirits Bay, Northland, New Zealand.

Paratypes: MA72827, three specimens, from the type locality.

Current name: *Eatoniella globosa* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Dardaniopsis) notalabia* Ponder, 1965**

Ponder, W.F., 1965b, pp. 70, 71, pl. 8, figs 1–4.

Holotype: MA71253, collected by W.F. Ponder on 1 January 1964, on *Carpophyllum plumosum*, Te Hāwera-a-Maki/Goat Island Bay, Leigh, Auckland, New Zealand.

Paratypes: MA72817, eight specimens, from the type locality.

Current name: *Eatoniella notalabia* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Dardaniopsis) pullmitra* Ponder, 1965**

Ponder, W.F., 1965b, pp. 72, 73, pl. 8, figs 9–11.

Holotype: MA71255, collected by W.F. Ponder on 4 September 1964, on soft brown algae, shipping channel side of Quarantine Island, Otago Harbour, Dunedin, Otago, New Zealand.

Paratypes: MA72820, 21 specimens, from the type locality.

Current name: *Eatoniella pullmitra* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Dardaniopsis) varicolor* Ponder, 1965**

Ponder, W.F., 1965b, pp. 73, 74, pl. 8, figs 5–7.

Holotype: MA71256, collected by W. F. Ponder on 27 March 1963, on *Carpophyllum plumosum* in rock pools, Narrow Neck Reef, Auckland, New Zealand.

Paratypes: MA72821, 64 specimens, from the type locality.

Current name: *Eatoniella varicolor* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Dardanula) fossa* Ponder, 1965**

Ponder, W.F., 1965b, pp. 79, 80, pl. 7, fig. 21.

Holotype: MA71258, collected from 40 m (22 fathoms) depth, 600 m (0.5 miles) to the west of Stephensons Island, Whangaroa Bay, Northland, New Zealand.

Paratypes: MA72823, five specimens, from the type locality.

Current name: *Eatoniella fossa* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Dardanula) fuscobuccula* Ponder, 1965**

Ponder, W.F., 1965b, p. 80, pl. 7, figs 10–12.

Holotype: MA71259, collected by E.C. Smith in January 1950, Thule Bay, Paterson Inlet, Stewart Island/Rakiura, New Zealand.

Paratypes: MA72824, 40 specimens, from the type locality.

Current name: *Eatoniella fuscobuccula* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Dardanula) latebricola* Ponder, 1965**

Ponder, W.F., 1965b, pp. 81, 82, pl. 7, figs 3–6.

Holotype: MA71260, collected by W.F. Ponder on 19 August 1963, from under *Durvillea* [*sic* = now *Durvillaea*] holdfasts, south end of Muriwai, west Auckland, New Zealand.

Paratypes: MA72825, 26 specimens, from the type locality.

Current name: *Eatoniella latebricola* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Dardanula) minutocrassa* Ponder, 1965**

Ponder, W.F., 1965b, pp. 84, 85, pl. 6, figs 13–15.

Holotype: MA71261* (missing), collected by W.F. Ponder on 1 January 1964, in *Corallina*, Te Hāwera-a-Maki/Goat Island Bay, Leigh, Auckland, New Zealand.

Paratypes: MA72826, 18 specimens, from the type locality.

Remarks: The holotype specimen has not been seen since at least 1996.

Current name: *Eatoniella atropurpurea* (Frauenfeld, 1867) – MolluscaBase (2023).

***Eatoniella (Dardanula) mortoni* Ponder, 1965**

Ponder, W.F., 1965b, pp. 85, 86, pl. 7, figs 16–20.

Holotype: MA71262, collected by W.F. Ponder on 11 December 1961, south side of Days Bay, Wellington, New Zealand.

Paratypes: MA72830, 46 specimens, from the type locality.

Current name: *Eatoniella mortoni* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Dardanula) smithae* Ponder, 1965**

Ponder, W.F., 1965b, pp. 90, 91, pl. 5, figs 8, 9.

Holotype: MA71263, collected by E.C. Smith in September 1947, from Halfmoon Bay, Stewart Island/Rakiura, New Zealand.

Paratypes: MA72831, 49 specimens, from the type locality.

Current name: *Eatoniella smithae* Ponder, 1965 – MolluscaBase (2023).

***Eatoniella (Eatoniella) stewartiana* Ponder, 1965**

Ponder, W.F., 1965b, p. 55, pl. 4, figs 9, 10.

Holotype: MA71272, collected by E.C. Smith in September 1962, from *Bostrychia* near high tide, Ocean Beach, Stewart Island/Rakiura, New Zealand.

Paratypes: MA72809, 50 specimens, from the type locality.

Current name: *Eatoniella stewartiana* Ponder, 1965 – MolluscaBase (2023).

***Estea gracilispira* Powell, 1933**

Powell, A.W.B., 1933i, p. 201, pl. 34, fig. 4.

Holotype: MA70276, collected by A.W.B. Powell and/or C.A. Fleming in February 1933, from 18 m (10 fathoms) depth, off Owenga Beach, Chatham Islands, New Zealand.

Paratypes: MA73214, four specimens, from the type locality.

Current name: *Pupatonia gracilispira* (Powell, 1933) – MolluscaBase (2023).

***Estea minutula* Powell, 1933**

Powell, A.W.B., 1933e, pp. 37, 38, pl. 6, fig. 6.

Holotype: CM M5315

Paratypes: MA72373, two specimens, collected by J. Fairchild on 1 June 1893, from the type locality, from 310 m (170 fathoms) depth, Bounty Islands, New Zealand.

Current name: *Pupatonia minutula* (Powell, 1933) – MolluscaBase (2023).

***Liratoniella bicarinata* Ponder, 1965**

Ponder, W.F., 1965b, pp. 94, 95, pl. 11, figs 1–3.

Holotype: NIWA 225 (NZOI type registration H-23).

Paratypes: MA72832, two specimens, collected by staff of the New Zealand Oceanographic Institute on 18 February 1962, from the type locality, N.Z.O.I. station C.760, from bryozoan substrate in 80 m (44 fathoms) depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Liratoniella bicarinata* Ponder, 1965 – MolluscaBase (2023).

***Notosetia dilatata* Powell, 1955**

Powell, A.W.B., 1955, pp. 86, 87, pl. 3, fig. 21.

Holotype: MA71219, dredged by J. Bollons, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratypes: MA71608, 13 specimens, from the type locality.

Current name: *Eatoniella dilatata* (Powell, 1955) – MolluscaBase (2023).

***Pupatonia atoma* Ponder, 1965**

Ponder, W.F., 1965b, p. 96, pl. 10, fig. 15.

Holotype: NIWA 316 (NZOI type registration H-24).

Paratypes: MA72833, two specimens, collected by staff of the New Zealand Oceanographic Institute on 9 November 1962, from the type locality, N.Z.O.I. station A.739, Bounty Islands, New Zealand.

Current name: *Pupatonia atoma* Ponder, 1965 – MolluscaBase (2023).

***Rissoa (Cingula) lampra* Suter, 1908**

Suter, H., 1908, p. 29, pl. 2, fig. 25.

Lectotype: GNS TM 700

Paralectotype: MA72786, one specimen, collected by M. Mestayer, from the type locality, Titahi Bay, Wellington, New Zealand.

Remarks: Lot MA72786 has a label written by A.W.B. Powell with ‘paratype’ and a ‘Powell number’ showing that it came via Powell’s own collection.

Lectotypification of this species is unclear. Suter (1913a: 209) stated ‘Type in my collection.’ Powell (1933i: 198) wrote that ‘[the] holotype is a larger shell, but it is slightly abnormal in coiling.’ He also referred to paratypes. However, Boreham (1959: 35) listed ‘Lectotype (TM 700) and 3 paralectotypes (TM 701–703)’. She then wrote ‘Suter’s measured and figured type [my italics] is slightly abnormal in coiling.’

As both Powell and Boreham specifically mention the slight abnormality of the type, it suggests strongly that they are referring to the same specimen, which in Powell’s estimation was the same as Suter’s holotype.

Current name: *Eatoniella (Albosabula) lampra* (Suter, 1908) – Ponder (1965b: 61); MolluscaBase (2023).

***Rissoa (Cingula) roseocincta* Suter, 1908**

Suter, H., 1908, pp. 29, 30, pl. 2, fig. 26.

Lectotypification in Boreham, A., 1959, p. 37.

Lectotype: GNS TM 7543

Paralectotypes: MA72792, two specimens, collected by M. Mestayer, from the type locality, Titahi Bay, Wellington, New Zealand.

Remarks: It has a label written by A.W.B. Powell with ‘paratype’ and a ‘Powell number’ showing that it came via Powell’s own collection.

Current name: *Eatoniella roseocincta* (Suter, 1908) – Ponder (1965b: 87); MolluscaBase (2023).

***Rissoa (Setia) verecunda* Suter, 1908**

Suter, H., 1908, p. 30, pl. 2, fig. 28.

Lectotypification in Powell, A.W.B., 1933i, p. 198, pl. 34, fig. 11 (lectotype).

Lectotype: GNS TM 739

Paralectotype: MA72780, one specimen, dredged by J. Bollons, from the type locality, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Remarks: It has a label written by A.W.B. Powell with ‘paratype’ and a ‘Powell number’ showing that it came via Powell’s own collection.

Current name: *Eatoniella verecunda* (Suter, 1908) – Ponder (1965b: 91); MolluscaBase (2023).

***Zeradina poutama* E.C. Smith, 1962**

Smith, E.C., 1962, p. 62, fig. 4.

Holotype: NMNZ M.020249

Paratypes: MA72959, two specimens, collected by W. Hopkins in May 1955, from the type locality, from bryozoan shell sand, in 55 m (30 fathoms) depth, off Poutama Island, west of South West Cape/Puhiwaero, Stewart Island/Rakiura, New Zealand.

Current name: *Eatoniella (Albosabula) poutama* (E.C. Smith, 1962) – Ponder (1965b: 62); MolluscaBase (2023).

Family RASTODENTIDAE***Estea crassicornata* Powell, 1937**

Powell, A.W.B., 1937b, p. 197, pl. 53, fig. 17.

Holotype: NHM 19621015

Paratypes: MA72245, six specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Tridentifera crassicornata* (Powell, 1937) – MolluscaBase (2023).

***Rastodens pseudomarginata* Ponder, 1966**

Ponder, W.F., 1966b, pp. 180, 181 pl. 1, figs 5–8.

Holotype: MA71275, collected by W. Hopkins in May 1955, from bryozoan shell sand, from 55 m (30 fathoms) depth, off Poutama Island, west of South West Cape/Puhiwaero, Stewart Island/Rakiura, New Zealand.

Paratypes: MA72842, 212 specimen, from the type locality.

Current name: *Rastodens pseudomarginata* Ponder, 1966 – MolluscaBase (2023).

***Rastodens puerilis* Ponder, 1966**

Ponder, W.F., 1966b, pp. 179, 180, pl. 1, figs 1–4.

Holotype: MA71274, collected by W.F. Ponder on 15 May 1963, from 14 m (8 fathoms) depth, off Emu Rock, Motuihe Channel, Hauraki Gulf, Auckland, New Zealand.

Paratypes: MA72841, 47 specimens, from the type locality.

Current name: *Rastodens puerilis* Ponder, 1966 – MolluscaBase (2023).

***Tridentifera roseoculma* Ponder, 1966**

Ponder, W.F., 1966b, p. 183, pl. 1, fig. 10.

Holotype: NIWA 457 (NZOI type registration H-25).

Paratype: MA72843, one specimen, collected by staff of the New Zealand Oceanographic Institute on 18 February 1962, from the type locality, N.Z.O.I. Station C.760, in 80 m (44 fathoms) depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Tridentifera roseoculma* Ponder, 1966 – MolluscaBase (2023).

Superfamily EPITONOIDEA**Family EPITONIIDAE*****Acirsa annectens* Powell, 1951**

Powell, A.W.B., 1951c, p. 115, pl. 7, fig. 23.

Holotype: MNH 1961398

Paratypes: MA71932, two specimens, collected on 18 October 1931, from the type locality, *Discovery* Station WS 766, in 545 m depth, north of Falkland Islands, British Overseas Territory.

Current name: *Gregorioiscala annectens* (Powell, 1951) – MolluscaBase (2023).

† *Cirsotrema caelicola* Finlay, 1926

Finlay, H.J., 1926a, p. 231, pl. 57, figs 17, 18.

Holotype: MA70174, collected by ‘Mr Moore of Dunedin Training College’, from the early Miocene (Altonian) at All Day Bay, Kakanui, Otago, New Zealand.

Current name: *Cirsotrema caelicola* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2023).

† *Cirsotrema (Tioria) marshalli* Laws, 1935

Laws, C.R., 1935b, p. 27, pl. 4, fig. 9.

Holotype: MA70175, collected from the middle Eocene (Bortonian) Hampden Formation, near Kakaho Creek, Hampden Beach, Otago, New Zealand.

Current name: *Cirsotrema marshalli* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2023).

***Epitonium bucknilli* Powell, 1924**

Powell, A.W.B., 1924b, p. 138, pl. 5.

Holotype: MA72057, collected from Mount Maunganui, Bay of Plenty, New Zealand.

Current name: *Epitonium bucknilli* Powell, 1924 – MolluscaBase (2023).

***Funiscalia maxwelli* Finlay, 1930**

Finlay, H.J., 1930c, pp. 233, 234, pl. 44, figs 32, 33.

Holotype: MA70330, dredged by M. Young, from 91 m (50 fathoms) depth, 16 km (10 miles) ENE of Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratype: MA73605, one specimen, from the type locality.

Current name: *Opalia maxwelli* (Finlay, 1930) – MolluscaBase (2023).

† *Hyaloscala muricata* Laws, 1933

Laws, C.R., 1933, p. 322, pl. 31, fig. 19; pl. 33, fig. 36.

Holotype: MA70364, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at Sutherlands, Tengawai River, South Canterbury, New Zealand.

Paratype: MA73606, one specimen, from the type locality.

Current name: *Epitonium muricatum* (Laws, 1933) – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2023).

***Murdochella alacer* Finlay, 1926**

Finlay, H.J., 1926b, p. 402, pl. 19, fig. 41.

Holotype: MA70494, collected from 73 m (40 fathoms) depth, off Cuvier Island, Waikato, New Zealand.

Current name: *Murdochella alacer* Finlay, 1926 – MolluscaBase (2023).

***Murdochella superlata* Finlay, 1930**

Finlay, H.J., 1930c, p. 234, pl. 44, fig. 31.

Holotype: MA70495, collected from 137 m (75 fathoms) depth, North Cape, New Zealand.

Current name: *Papuliscala superlata* (Finlay, 1930) – MolluscaBase (2023).

***Murdochella tertia* Finlay, 1930**

Finlay, H.J., 1930c, p. 234, not figured.

Holotype: MA70496, **Plate 10a**, collected from 137 m (75 fathoms) depth, North Cape, Northland, New Zealand.

Current name: *Murdochella alacer* Finlay, 1926 – MolluscaBase (2023).

***Nodiscala zelandica* Finlay, 1930**

Finlay, H.J., 1930c, p. 232, pl. 44, fig. 35.

Holotype: MA72581, collected from 137 m (75 fathoms) depth, North Cape, Northland, New Zealand.

Current name: *Opalia zelandica* (Finlay, 1930) – MolluscaBase (2023).

***Pliciscala (Nodiscala) ahiparana* Powell, 1930**

Powell, A.W.B., 1930a, pp. 541, 542, pl. 61, fig. 10.

Holotype: MA72118, dredged by J. Bollons, from 128 m (70 fathoms) depth, off Ahipara, Northland, New Zealand.

Current name: *Opalia ahiparana* (Powell, 1930) – MolluscaBase (2023).

Superfamily HIPPONICOIDEA

Family HIPPONICIDAE

Capulus calcareus Suter, 1909

Suter, H., 1909a, p. 122, pl. 12, figs 1, 2.

Syntypes: CM M1325, M2962

Syntypes: MA73678, three specimens, collected by the New Zealand Government Trawling Expedition (*Nora Niven* Expedition) in 1907, from 190 m (105 fathoms) depth, 15 km west of Whangaparaoa (Cape Runaway), Bay of Plenty, New Zealand.

Current name: *Malluvium calcareum* (Suter, 1909) – MolluscaBase (2023).

†*Cheilea plumea* Laws, 1932

Laws, C.R. 1932, p. 188, pl. 30, figs 34, 35.

Holotype: MA70142, collected by F.J. Turner, from middle Miocene (Waiauan) of the Park Bluff Sandstone, from ‘New road cutting about half a mile behind racecourse’ [now the golf course], Clifden, Southland, New Zealand.

Current name: *Cheilea plumea* Laws, 1932 – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

†*Cheilea postera* Laws, 1936

Laws, C.R., 1936b, pp. 109, 110, pl. 16, figs 68, 70.

Holotype: MA70143, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratype: MA72699, one specimen, from the type locality.

Current name: *Cheilea postera* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

†*Neojanacus wharekuriensis* Laws, 1935

Laws, C.R., 1935c, pp. 33, 34, pl. 6, fig. 8.

Holotype: MA70520, collected from the late Oligocene (Duntroonian) Wharekuri Greensand, true left bank of the Waitaki River, 1.6 km below Wharekuri (site now submerged beneath Lake Waitaki), north Otago, New Zealand.

Current name: *Leptonotis perplexus* (Suter, 1907) – MolluscaBase (2023).

Sabia wyattae Powell, 1958

Powell, A.W.B., 1958b, pp. 90, 91, pl. 12, figs 3, 4.

Holotype: MA71238, collected by J. Wyatt in 1957, attached to a dead shell of *Penion sulcatus* in beach drift, Tutukaka, Northland, New Zealand.

Paratype: MA71471, one specimen, from the type locality.

Current name: *Sabia conica* (Schumacher, 1817) – MolluscaBase (2023).

Superfamily LITTORINOIDEA

Family LITTORINIDAE

Laevilitorina bifasciata Suter, 1913

Suter, H., 1913a, p. 189, pl. 35, fig. 10.

Lectotypification in Boreham, A., 1959, p. 32.

Lectotype: GNS TM 603

Paralectotype: MA125267, one specimen, dredged by J. Bollons, from the type locality, Antipodes Islands, New Zealand.

Remarks: A label with lot MA125267 written by Powell has this as a cotype (= syntype). The other syntypes were at GNS, one of which was designated lectotype. By this act all other syntypes, including the AM specimen, are paralectotypes.

Current name: *Laevilitorina bifasciata* Suter, 1913 – MolluscaBase (2023).

Macquariella aucklandica Powell, 1933

Powell, A.W.B., 1933d, pp. 233, 234, pl. 20, fig. 6.

Holotype: NMNZ M.001808

Paratypes: MA72364, five specimens, collected by J. Bollons, from the type locality, from beach drift, Faith [North] Harbour, Auckland Islands, New Zealand.

Current name: *Laevilitorina (Macquariella) aucklandica* (Powell, 1933) – MolluscaBase (2023).

Macquariella delli Powell, 1955

Powell, A.W.B., 1955, p. 75, pl. 1, fig. 10.

Holotype: NMNZ M.008575

Paratype: MA72383* (missing), single specimen, collected by W.R.B. Oliver in April 1927, from the type locality, Antipodes Islands, New Zealand.

Remarks: This specimen has not been found since at least 1993.

Current name: *Laevilitorina (Macquariella) delli* (Powell, 1955) – MolluscaBase (2023).

Melarthaphe oliveri Finlay, 1930

Finlay, H.J., 1930c, pp. 224, 225, not figured.

Holotype: MA70456, collected, possibly by R.S. Allan, from Hampden, Otago, New Zealand.

Paratypes: MA72574, six specimens, from the type locality.

Current name: *Austrolittorina antipodum* (R.A. Philippi, 1847) – Powell (1979: 87); MolluscaBase (2023).

Melarthaphe zelandiae Finlay, 1926

Finlay, H.J., 1926b, p. 375, pl. 18, figs 18, 19.

Holotype: MA70457, collected from rocks at half- and high tide level, Otago Harbour, Otago, New Zealand.

Paratypes: MA72526, three specimens, from the type locality.

Current name: *Austrolittorina cincta* (Quoy & Gaimard, 1833) – Powell (1979: 87); MolluscaBase (2023).

***Zelaxitas alta* Powell, 1940**

Powell, A.W.B., 1940, p. 224, text fig. 1b.

Holotype: MA70874, collected by A.W.B. Powell in 1932, from seaweed washings, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Current name: *Laevilitorina (Rissolittorina) alta* (Powell, 1940) – MolluscaBase (2023).

Family ANNULARIIDAE***Adamsiella (Cubadamsiella) gratiosa* C. de la Torre & Bartsch, 1941**

Torre, de la, C. and P. Bartsch, 1941, pp. 241, 242, pl. 21, fig. 4.

Holotype: USNM 535339

Paratypes: MA72737, two specimens, collected by M.L. Jaume, from Yaguajay, Sancti Spiritus, Cuba.

Current name: *Cubadamsiella gratiosa* (C. de la Torre & Bartsch, 1941) – MolluscaBase (2023).

***Opisthosiphon (Bermudezsiphona) obtectum seibaboense* C. de la Torre & Bartsch, 1941**

Torre, de la, C. and P. Bartsch, 1941, pp. 178, 179, pl. 13, fig. 4.

Holotype: USNM 535452

Paratypes: MA72739, three specimens, collected by P.J. Bermudez, from Seibabo, Yaguajay, Sancti Spiritus, Cuba.

Current name: *Opisthosiphon obtectum seibaboense* C. de la Torre & Bartsch, 1941 – MolluscaBase (2023).

***Tudora (Aguayotudora) varicosa* C. de la Torre & Bartsch, 1941**

Torre, de la, C. and P. Bartsch, 1941, p. 274, pl. 27, fig. 8.

Holotype: USNM 493482

Paratypes: MA72736, two specimens, collected by M.L. Jaume, from the type locality, Sierra del Cachimbo, east of Sierra de Najasa, Camagüey Province, Cuba.

Current name: *Aguayotudora varicosa* (C. de la Torre & Bartsch, 1941) – MolluscaBase (2023).

Family ZEROTULIDAE***Zerotula nummaria* Powell, 1940**

Powell, A.W.B., 1940, p. 236, pl. 28, figs 14, 15.

Holotype: MA72179, dredged by W. La Roche, from 22 m (12 fathoms) depth, in Awanui [Rangaunu] Bay, Northland, New Zealand.

Paratypes: MA71572, three specimens, from the type locality.

Remarks: See Blom (2022: 6) for a discussion of La Roche's sampling localities.

Current name: *Zerotula nummaria* Powell, 1940 – MolluscaBase (2023).

***Zerotula triangulata* Powell, 1937**

Powell, A.W.B., 1937b, p. 209, pl. 54, figs 15, 16.

Holotype: NHM 19621048

Paratype: MA72288* (missing), one specimen collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: The specimen has not been found since at least 1994.

Current name: *Zerotula triangulata* Powell, 1937 – MolluscaBase (2023).

Superfamily NATICOIDEA**Family NATICIDAE****† *Amauropsella teres* Marwick, 1924**

Marwick, J., 1924c, p. 577, pl. 60, fig. 20.

Holotype: MA70029, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Amauropsella teres* (Marwick, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

***Cochlis migratoria* Powell, 1927**

Powell, A.W.B., 1927d, pp. 560–562, pl. 33, figs 3–6.

Holotype: MA72049, collected alive by W. La Roche in June 1925, Parengarenga Harbour, Northland, New Zealand.

Paratypes: MA15481, one specimen; MA71415, one specimen; MA72434, two specimens; all from the type locality.

Remarks: MA71415 was presented to AM by W. La Roche in 1926 and MA72434 by E. Flinn in 1934. The shell in MA15481 was sent by A.W.B. Powell to H.J. Finlay and came back into the AM collections when Finlay's collection was bought in 1937. Based on original labels and Powell's (1927d) type description these are assumed to have been part of the original type series.

Current name: *Notocochlis gualtieriana* (Récluz, 1844) – MolluscaBase (2023).

***Cochlis vafer* Finlay, 1930**

Finlay, H.J., 1930c, p. 232, not figured.

Holotype: MA70178, collected from Shellharbour, Illawarra, New South Wales, Australia.

Paratypes: MA72580, two specimens, from the type locality.

Current name: *Notocochlis gualtieriana* (Récluz, 1844) – MolluscaBase (2023).

† *Globisium crassiliratum* Finlay, 1926

Finlay, H.J., 1926a, p. 230, pl. 60, fig. 6.

Holotype: MA70344, collected from late Oligocene/early Miocene (Waitakian) Otekaike Limestone, 'Trig Z' (Fossil Record File I40/f9519), Otiake, Waitaki Valley, New Zealand.

Current name: *Globisium crassiliratum* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Globisium flemingi* Powell, 1931

Powell, A.W.B., 1931a, pp. 98, 99, pl. 11, figs 10a, b.

Holotype: MA70345, collected by C.A. Fleming in January 1931, from late Pliocene (Waipipian) lower Waipipi Shellbed, Waipipi coast near Waverley, about 1.2 km west of the mouth of the Wairoa Stream, Manawatū-Whanganui, New Zealand.

Current name: *Globisium drewi* (Murdoch, 1899) – Beu and Raine (2009); MolluscaBase (2023).

† *Lunatia suturalis* F.W. Hutton, 1877

Hutton, F.W., 1877, p. 597, pl. 16, fig. 11.

Neotypification in Marwick, J., 1924c, p. 557, pl. 57, fig. 1 (neotype).

Neotype: MA71280, collected from middle Eocene (Kaiatan?) Waihao Greensand at McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Current name: *Friginatica suturalis* (F.W. Hutton, 1877) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Magnatica altior* Finlay, 1926

Finlay, H.J., 1926a, pp. 228, 229, pl. 60, figs 3, 4.

Holotype: MA70428, collected from the late Oligocene (Duntroonian) Wharekuri Greensand, true left bank of the Waitaki River, 1.6 km below Wharekuri (site now submerged beneath Lake Waitaki), north Otago, New Zealand.

Paratype: MA71658, one specimen, from the type locality.

Current name: *Magnatica (Spelaenacca) sutherlandi* (Marwick, 1924) – Beu and Raine (2009); MolluscaBase (2023).

† *Magnatica clifdenensis* Finlay, 1926

Finlay, H.J., 1926a, p. 229, pl. 60, fig. 2.

Holotype: MA70429, collected from the early Miocene (Altonian) Long Beach Shellbed, [Finlay's bed 6B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Magnatica (Spelaenacca) clifdenensis* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Magnatica fons* Finlay, 1930

Finlay, H.J., 1930b, p. 58, pl. 4, fig. 51.

Holotype: MA70430, collected from the middle Eocene (Bortonian) Waihao Greensand at Waihao Downs, Canterbury, New Zealand.

Paratypes: MA72452, three specimens, from the type locality.

Current name: *Magnatica fons* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Magnatica powelli* Laws, 1932

Laws, C.R. 1932, pp. 190, 191, pl. 31, figs 38, 39.

Holotype: MA70432, collected by C.R. Laws, from the

early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Paratype: MA73179, one specimen, from the type locality.

Current name: *Magnatica planispira* (Suter, 1917) – Beu and Raine (2009); MolluscaBase (2023).

† *Magnatica rectilatera* Finlay, 1926

Finlay, H.J., 1926a, p. 229, pl. 60, fig. 5.

Holotype: MA70434, collected from the early Miocene (Altonian), Mount Harris Formation, Awamoa Creek, Oamaru, Otago, New Zealand.

Current name: *Magnatica (Spelaenacca) rectilatera* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Magnatica (Spelaenacca) parilis* Finlay, 1930

Finlay, H.J., 1930b, pp. 58, 59, not figured.

Holotype: MA70431, **Plate 6a, b**, collected from middle Eocene (Kaiatan) Waihao Greensand at McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Current name: *Magnatica (Spelaenacca) parilis* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Magnatica (Spelaenacca) procera* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 58, pl. 6, fig. 16.

Holotype: MA73357, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Magnatica (Spelaenacca) procera* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Magnatica (Spelaenacca) waitemataensis* Powell, 1938

Powell, A.W.B., 1938a, p. 369, pl. 39, fig. 3.

Holotype: MA70435, collected by A.W.B. Powell, from the early Miocene (Otaian) Tipakuri Formation at 'Fossil Bay' just south of Church Bay (sometimes known as Squadron Bay), Waiheke Island, Auckland, New Zealand.

Paratypes: MA71712, two specimens, from the type locality.

Current name: *Magnatica (Spelaenacca) waitemataensis* Powell, 1938 – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Micreschara (Macromphalina) auriformis* Marwick, 1924

Marwick, J., 1924c, p. 578, pl. 60, figs 5, 6.

Holotype: MA70472, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Eunaticina auriformis* (Marwick, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Natica consortis* Finlay, 1924

Finlay, H.J., 1924a, p. 451, pl. 49, figs 1a–c.

Holotype: MA70513, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72477, three specimens, from the type locality.

Current name: *Tanea consortis* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Natica inexpectata* Finlay, 1924

Finlay, H.J., 1924a, p. 452, not figured.

Holotype: MA70514, **Plate 6c, d**, collected from the middle Miocene (Lillburnian) of the Park Bluff Sandstone, [Finlay's bed 7A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA72479, two specimens, from the type locality.

Current name: *Tanea inexpectata* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Natica notocenica* Finlay, 1924

Finlay, H.J., 1924a, p. 450, pl. 49, figs 2a–d.

Holotype: MA70515, collected from the early Miocene (Altonian), Mount Harris Formation, Awamoa Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72920, four specimens, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Current name: *Taniella notocenica* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Natica praeconsors* Finlay, 1924

Finlay, H.J., 1924a, p. 451, not figured.

Holotype: MA71287, **Plate 6e, f**, collected from middle Eocene (Kaiatan) Waihao Greensand at McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Paratypes: MA72478, 36 specimens, from the type locality.

Current name: *Tanea praeconsors* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023)

† *Natica (Carinacca) allani* Marwick, 1924

Marwick, J., 1924c, pp. 554, 555, pl. 56, fig. 4.

Holotype: MA71281, collected from the middle Eocene (Bortonian) Waihao Greensand at Waihao Downs, Canterbury, New Zealand.

Paratypes: MA72515, two specimens, from the type locality.

Current name: *Carinacca allani* (Marwick, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Natica (Carinacca) haasti* Marwick, 1924

Marwick, J., 1924c, p. 554, pl. 56, fig. 8.

Holotype: MA71282, collected from middle Eocene (Kaiatan) Waihao Greensand at McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Paratypes: MA72516, 30 specimens, from the type locality.

Current name: *Tahunacca haasti* (Marwick, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

Notocochlis sagittata hancockae Powell, 1971

Powell, A.W.B., 1971, p. 215, fig. 7.

Holotype: MA71330, collected by M. Hancock, Urupukapuka Island, Northland, New Zealand.

Current name: *Notocochlis cernica* (Jousseaume, 1874) – MolluscaBase (2023).

† *Polinices motutaraensis* Powell, 1935

Powell, A.W.B., 1935d, pp. 335, 336, pl. 78, figs 17, 18.

Holotype: MA72119, collected from large fallen blocks of early Miocene (Altonian) Nihotupu Formation, southern end of Maukatia Bay, south of Muriwai Beach, west Auckland, New Zealand.

Paratypes: MA71386, five specimens, from the type locality.

Current name: *Taniella motutaraensis* (Powell, 1935) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Polinices parki* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 58, pl. 6, figs 9, 11, 13.

Holotype: GNS TM 7321

Paratypes: MA72861, three specimens, collected from the type locality, early Paleocene (lower Teurian) [Wangaloa Formation], Wangaloa, coast between Mitchells Rocks and Measly Beach, Otago, New Zealand.

Current name: *Polinices parki* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Polinices pseudovitrea* Finlay, 1924

Finlay, H.J., 1924a, p. 452, pl. 49, figs 3a–d.

Holotype: MA70635, collected from the early Miocene (Altonian) of the Mount Harris Formation, 'Old Rifle Butts', coast south of Cape Wanbrow, Oamaru, Otago, New Zealand.

Current name: *Uberella pseudovitrea* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Polinices stanleyi* Marwick, 1948

Marwick, J. 1948, pp. 30, 31, pl. 6, figs 7, 9, 12.

Holotype: MA71096, collected from the late Pliocene (Waipian) of the Ōtāhuhu Formation 25–30 m

(84–98 ft) below the surface in the Waitematā Brewery well, Ōtāhuhu, Auckland, New Zealand.

Paratype: MA73021, one specimen, from the type locality.

Current name: *Polinices waipipiensis* (Marwick, 1924) – Beu and Raine (2009); MolluscaBase (2023).

***Polinices tawhitirahia* Powell, 1965**

Powell, A.W.B., 1965, pp. 163, 164, pl. 22, figs 1–3.

Holotype: MA71242, collected by members of the Whangārei Underwater Club in February 1965, from sand and rubble at the foot of a steep cliff face, in 36 m (120 ft) depth, northern tip of Tawhiti Rahi, Poor Knights Islands, Northland, New Zealand.

Paratypes: MA71470, three specimens; MA71961, two specimens; all from the same collection event.

Current name: *Polinices tawhitirahia* Powell, 1965 – MolluscaBase (2023).

† ***Polinices (Polinella) fryei* Laws, 1933**

Laws, C.R., 1933, p. 321, pl. 32, fig. 30.

Holotype: MA70634, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at White Rock River, south Canterbury, New Zealand.

Current name: *Polinella fryei* (Laws, 1933) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† ***Proxiuber anteaustrale* Powell, 1938**

Powell, A.W.B., 1938c, pp. 162–164, text fig. 3.

Holotype: MA72122, collected by A.W.B. Powell in 1924, from the Early Pleistocene (Nukumaruan) Castlepoint Formation at the lighthouse reef, Castlepoint, Wairarapa, New Zealand.

Current name: *Proxiuber anteaustrale* Powell, 1938 – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

***Proxiuber hulmei* Powell, 1954**

Powell, A.W.B., 1954a, pp. 235, 236, text fig.

Holotype: MA71197, obtained from an Auckland trawler, exact location and station unknown, New Zealand.

Current name: *Proxiuber hulmei* Powell, 1954 – MolluscaBase (2023).

***Sinuber sculptum scotianum* Powell, 1951**

Powell, A.W.B., 1951c, pp. 120, 121, pl. 5, fig. 10.

Holotype: NHM 1961418

Paratypes: MA71974, 19 specimens, collected on 20 February 1927, from the type locality, station 167, RRS *Discovery* Expedition, from 244–344 m depth, off Signy Island, South Orkney Islands, Antarctic Treaty Administration.

Current name: *Sinuber sculptum scotianum* Powell, 1951 – MolluscaBase (2023).

† ***Sinum infirmum* Marwick, 1924**

Marwick, J., 1924c, p. 572, pl. 60, figs 7, 8.

Holotype: MA70711, collected from the early Miocene

(Altonian) of the Mount Harris Formation near Ardgowan, northwest of Oamaru, Otago, New Zealand.

Current name: *Sinum infirmum* Marwick, 1924 – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† ***Sinum marwicki* Laws, 1930**

Laws, C.R., 1930, pp. 551, 552, pl. 89, figs 1, 4.

Holotype: MA70712, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at White Rock River, south Canterbury, New Zealand.

Current name: *Sinum marwicki* Laws, 1930 – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2023).

† ***Sulconacca compressa* Marwick, 1924**

Marwick, J., 1924c, p. 558, pl. 57, fig. 3.

Holotype: MA70743, collected from the middle Miocene (Lillburnian) of the Park Bluff Sandstone, [Finlay's bed 7C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Friginatica compressa* (Marwick, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† ***Sulconacca prisca* Marwick, 1924**

Marwick, J., 1924c, pp. 557, 558, pl. 57, fig. 2.

Holotype: MA71279, collected from the middle Eocene (Bortonian) Waihao Greensand at Waihao Downs, Canterbury, New Zealand.

Current name: *Friginatica prisca* (Marwick, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† ***Uber chattonensis* Marwick, 1924**

Marwick, J., 1924c, pp. 563, 564, pl. 58, fig. 3.

Holotype: MA70809, collected from the late Oligocene (Duntroonian) Chatton Formation, Chatton, Southland, New Zealand.

Current name: *Polinices chattonensis* (Marwick, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† ***Uber finlayi* Marwick, 1924**

Marwick, J., 1924c, pp. 565, 566, pl. 57, figs 8, 12, 13.

Holotype: MA70810, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Paratypes: MA73372, three specimens, from the type locality.

Current name: *Polinella finlayi* (Marwick, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† ***Uber laxis* Finlay, 1926**

Finlay, H.J., 1926a, p. 229, pl. 60, fig. 1.

Holotype: MA70814, collected from middle Miocene (Waiauian) Nissen Shellbeds, [Finlay's bed 8A

(for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Polinices laxus* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Uber senisculus* Marwick, 1924

Marwick, J., 1924c, p. 566, pl. 57, fig. 6.

Holotype: MA70816, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Paratypes: MA73370, five specimens, from the type locality.

Current name: *Taniella (Pristinacca) senisculus* (Marwick, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Uber (Euspira) firmus* Marwick, 1924

Marwick, J., 1924c, p. 569, pl. 59, figs 2, 3.

Holotype: MA73360, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Paratypes: MA73374, three specimens, from the type locality.

Current name: *Magnatica (Spelaenacca) firma* (Marwick, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Uber (Euspira) fyfei* Marwick, 1924

Marwick, J., 1924c, p. 569, pl. 59, figs 8, 9.

Holotype: MA70812, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Euspira fyfei* (Marwick, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Uber (Euspira) lateapertus* Marwick, 1924

Marwick, J., 1924c, pp. 569, 570, pl. 59, figs 4–6.

Holotype: MA70813, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Paratypes: MA72932, four specimens, from the type locality.

Current name: *Euspira lateaperta* (Marwick, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Uber (Euspira) pukeuriensis* Marwick, 1924

Marwick, J., 1924c, p. 570, pl. 55, fig. 20.

Holotype: MA70815, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Current name: *Uberella pukeuriensis* (Marwick, 1924) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Uberella acerva* Laws, 1933

Laws, C.R., 1933, pp. 321, 322, pl. 32, fig. 32.

Holotype: MA70817, collected by C.R. Laws, from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Tahunacca acerva* (Laws, 1933) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Uberella marwicki* Powell, 1935

Powell, A.W.B., 1935d, p. 335, pl. 78, fig. 19.

Holotype: MA72161, collected from large fallen blocks of early Miocene (Altonian) Nihotupu Formation, southern end of Maukatia Bay, south of Muriwai Beach, west Auckland, New Zealand.

Paratypes: MA71379, two specimens, from the type locality.

Current name: *Uberella marwicki* Powell, 1935 – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

Superfamily TRIPHOROIDEA

Family TRIPHORIDAE

Mendax duplicarinata Powell, 1940

Powell, A.W.B., 1940, p. 232, pl. 29, fig. 4.

Holotype: MA72092, dredged by J. Bollons, from 91 m (50 fathoms) depth, between Piwhane/Spirits Bay and Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA71597, two specimens, from the type locality.

Current name: *Metaxia duplicarinata* (Powell, 1940) – MolluscaBase (2023).

Notosinister aupouria Powell, 1937

Powell, A.W.B., 1937b, pp. 206, 207, pl. 54, fig. 2.

Holotype: NHM 19621041

Paratypes: MA72280, four specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Nototriphora aupouria* (Powell, 1937) – MolluscaBase (2023).

† *Notosinister tepikiensis* Powell, 1934

Powell, A.W.B., 1934a, pp. 265, 266, pl. 57, fig. 4.

Holotype: MA70545, collected by A.W.B. Powell in August 1933, from the Late Pleistocene (Haweran) Te Piki Member, Waipaoa Formation, from a road-cutting approximately 6 km east of Whangaparaoa (Cape Runaway), Bay of Plenty, New Zealand.

Paratype: MA70811, one specimen, from the type locality.

Current name: *Costatophora granifera* (Brazier, 1894) – B.A. Marshall (1994); MolluscaBase (2023).

***Seilarex exaltatus* Powell, 1930**

Powell, A.W.B., 1930a, pp. 538, 539, pl. 60, fig. 3.

Holotype: MA72140, dredged by A.W.B. Powell in January 1924, from 9–11 m (5–6 fathoms) depth, Tryphena Bay, Great Barrier Island, New Zealand.

Current name: *Metaxia exaltata* (Powell, 1930) – MolluscaBase (2023).

***Socienna maoria* Finlay, 1930**

Finlay, H.J., 1930c, p. 230, pl. 45, fig. 45.

Holotype: MA70713, collected from 11 m (6 fathoms) depth, Doubtless Bay, Northland, New Zealand.

Current name: *Metaxia maoria* (Finlay, 1930) – MolluscaBase (2023).

***Viriola samoana* Cernohorsky, 1977**

Cernohorsky, W.O., 1977, pp. 130, 131, figs 21–26.

Holotype: MA71353, dredged by crew of the HMNZS *Lachlan*, from Apolima Strait, west of Upolo Island, Western Samoa.

Remarks: No date is given for the collection of this specimen, but given HMNZS *Lachlan*'s service record it is likely to have been collected during survey work in June/July 1973.

Current name: *Viriola abbotti* (Baker & Spicer, 1935) – MolluscaBase (2023).

Family CERITHIOPSIDAE***Cerithiopsis diadema* Monterosato, 1874**

Monterosato, T.A., 1874, pp. 273, 274, not figured.

Holotype: MCZR-M-21014

Paratypes: MA73237, three specimens, collected from the type locality, Madeira, Portugal.

Remarks: Appolloni *et al.* (2018: 39) described the type locality as 'Palermo (Sicily), Madeira and [imprecise] locality near Modena'. A.W.B. Powell obtained the specimens for his collection in 1927 from J.R. le B. Tomlin.

Current name: *Cerithiopsis diadema* Monterosato, 1874 – MolluscaBase (2023).

***Joculator caelata* Powell, 1930**

Powell, A.W.B., 1930a, p. 540, pl. 62, fig. 19.

Holotype: MA70371, dredged by W. La Roche in 1922, from 11 m (6 fathoms) depth, off the entrance to 'Mangonui Heads' [Mangonui Harbour], Doubtless Bay, Northland, New Zealand.

Paratypes: MA71396, two specimens, from the type locality.

Current name: *Synthopsis caelata* (Powell, 1930) – MolluscaBase (2023).

***Mendax trizonaloides* B.A. Marshall, 1978**

Marshall, B.A., 1978, pp. 65, 66, figs 7A–C, table 4.

Holotype: NMNZ M.049299

Paratype: MA72980, one specimen, collected by E.G.

Williams, from a fish stomach, off Mayor Island/Tūhua, Bay of Plenty, New Zealand.

Current name: *Mendax trizonaloides* B.A. Marshall, 1978 – MolluscaBase (2023).

***Seila (Notoseila) elegantissima* B.A. Marshall, 1978**

Marshall, B.A., 1978, pp. 100, 101, figs 18D–G.

Holotype: NMNZ M.051719

Paratype: MA72981, one specimen, collected by E.G. Williams, from 73 m (40 fathoms) depth, off Mayor Island/Tūhua, Bay of Plenty, New Zealand.

Current name: *Seila elegantissima* B.A. Marshall, 1978 – MolluscaBase (2023).

***Sundaya campbellica* Powell, 1955**

Powell, A.W.B., 1955, pp. 92, 93, pl. 2, fig. 18.

Holotype: MA71226, collected by J.H. Sorensen in 1943, during the 'Cape Expedition', Perseverance Harbour, Campbell Island/Motu Ihupuku, New Zealand.

Paratypes: MA71613, 15 specimens, from the type locality.

Current name: *Specula campbellica* (Powell, 1955) – MolluscaBase (2023).

***Zaclys murchisoni* B.A. Marshall, 1978**

Marshall, B.A., 1978, p. 81, figs 12G–I.

Holotype: NMNZ M.051714

Paratypes: MA72979, 62 specimens, collected from Tahunanui Beach, Nelson, New Zealand.

Current name: *Zaclys murchisoni* B.A. Marshall, 1978 – MolluscaBase (2023).

***Zaclys paradoxa* Powell, 1937**

Powell, A.W.B., 1937b, p. 205, pl. 54, fig. 1.

Holotype: NHM 19621038

Paratypes: MA72277, three specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Horologica dirempta* (Odhnner, 1924) – MolluscaBase (2023).

Family NEWTONIELLIDAE***Altispecula elegantula* Powell, 1930**

Powell, A.W.B., 1930a, pp. 539, 540, pl. 61, figs 11, 12.

Holotype: MA72007, dredged by J. Bollons, from 60 fathoms, Poor Knights Islands, Northland, New Zealand.

Paratype: MA71395, one specimen, from the type locality.

Current name: *Retilaskeya elegantula* (Powell, 1930) – MolluscaBase (2023).

†*Ataxocerithium nodicingulatum* Finlay, 1924

Finlay, H.J., 1924a, pp. 475, 476, pl. 51, figs 8a–d.

Holotype: MA70052, collected from the early Miocene

(Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72494, 15 partial and whole specimens, from the type locality.

Current name: *Ataxocerithium pyramidale* Finlay, 1924 – MolluscaBase (2023).

† *Ataxocerithium pyramidale* Finlay, 1924

Finlay, H.J., 1924a, p. 475, pl. 51, figs 7a–c.

Holotype: MA70053, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72493, 14 specimens, from the type locality.

Current name: *Ataxocerithium pyramidale* Finlay, 1924 – MolluscaBase (2023).

† *Ataxocerithium pyramidale robustum* Finlay, 1924

Finlay, H.J., 1924a, p. 475, not figured.

Holotype: MA70054, **Plate 10b**, collected from the Early Pleistocene (Nukumarian), near Redclyffe [Taradale] Bridge, Hawke's Bay, New Zealand.

Current name: *Ataxocerithium robustum* Finlay, 1924 – MolluscaBase (2023).

Mendax attenuatospira Powell, 1937

Powell, A.W.B., 1937b, p. 205, pl. 54, fig. 5.

Holotype: NHM 19621039

Paratype: MA72278, eight specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Trituba attenuatospira* (Powell, 1937) – MolluscaBase (2023).

Paramendax apicina Powell, 1937

Powell, A.W.B., 1937b, p. 206, pl. 54, fig. 4.

Holotype: NHM 19621040

Paratype: MA72279, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Trituba apicina* (Powell, 1937) – MolluscaBase (2023).

Socienna aureola Powell, 1933

Powell, A.W.B., 1933e, p. 38, pl. 6, fig. 5.

Holotype: CM M5321

Paratype: MA72374, one specimen, collected by J. Fairchild on 1 June 1893, from the type locality, from 311 m (170 fathoms) depth, Bounty Islands, New Zealand.

Current name: *Eumetula aureola* (Powell, 1933) – MolluscaBase (2023).

Superfamily VERMETOIDEA

Family VERMETIDAE

Serpulorbis aotearoicus J.E. Morton, 1951

Morton, J.E., 1951, pp. 5, 6, figs 19–24.

Holotype: MA71730, collected by J.E. Morton, from the outer reef fringe of Milford Reef, Auckland, New Zealand.

Paratypes: MA71731, three specimens, on the same piece of rock as the holotype; MA71901, six specimens, two shells and four radulae, all from the type locality.

Current name: *Thylacodes aotearoicus* (J.E. Morton, 1951) – MolluscaBase (2023).

‘Rissoiform Clade’ (See Bouchet *et al.* 2017: 345, 376)

Superfamily RISSOIDEA

Family RISSOIDAE

Austronoba iredalei Powell, 1937

Powell, A.W.B., 1937b, pp. 192, 193, pl. 52, fig. 12.

Holotype: NHM 19621001

Paratypes: MA72266, 15 specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Subonoba iredalei* (Powell, 1937) – MolluscaBase (2023).

Austronoba kermadecensis Powell, 1927

Powell, A.W.B., 1927b, p. 542, pl. 27, fig. 8.

Holotype: MA70072, dredged by R.S. Bell, from 10–30 m depth, off Raoul Island, Rangitāhua/Kermadec Islands, New Zealand.

Paratypes: MA71521, 21 specimens, from the type locality.

Current name: *Subonoba kermadecensis* (Powell, 1927) – MolluscaBase (2023).

Austronoba obliquata Powell, 1940

Powell, A.W.B., 1940, p. 224, pl. 30, fig. 1.

Holotype: MA70074, collected by A.W.B. Powell in 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Paratypes: MA73251, 10 specimens, from the type locality.

Current name: *Subonoba obliquata* (Powell, 1940) – MolluscaBase (2023).

† *Badenia biangulata* Laws, 1936

Laws, C.R., 1936b, p. 113, pl. 16, fig. 64.

Holotype: MA70089, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Onoba biangulata* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

†*Badenia zebina* Finlay, 1930

Finlay, H.J., 1930b, p. 57, not figured.

Holotype: MA70090, **Plate 6g**, collected from the middle to late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Paratypes: MA72450, 13 specimens, from the type locality.

Current name: *Onoba zebina* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

Dardanula convexispira Powell, 1955

Powell, A.W.B., 1955, p. 89, pl. 3, fig. 22.

Holotype: MA71223, dredged by J. Bollons, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratypes: MA71611, 35 specimens, from the type locality.

Current name: *Powellisetia porcellana* (Suter, 1908) – Powell (1979: 99); MolluscaBase (2023)

Haurakia aupouria Powell, 1937

Powell, A.W.B., 1937b, p. 191, pl. 52, fig. 4.

Holotype: NHM 1962995

Paratype: MA72249, one specimen, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Alvania (Linemera) aupouria* (Powell, 1937) – Powell (1979: 96); MolluscaBase (2023).

Haurakia bountyensis Dell, 1950

Dell, R.K., 1950a, p. 24, fig. 5.

Holotype: NMNZ M.004724

Paratype: MA72772, one specimen, collected in 1907, from the type locality, Bounty Islands, New Zealand.

Current name: *Alvania (Linemera) bountyensis* (Dell, 1950) – Powell (1979: 96); MolluscaBase (2023).

Haurakia crassicosta Powell, 1955

Powell, A.W.B., 1955, pp. 80, 81, pl. 3, fig. 27.

Holotype: MA71216, dredged by J. Bollons, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratypes: MA71605, 38 specimens, from the type locality.

Current name: *Haurakia crassicosta* Powell, 1955 – MolluscaBase (2023).

Haurakia duplicata Powell, 1937

Powell, A.W.B., 1937b, p. 191, pl. 52, fig. 2.

Holotype: NHM 1962996

Paratypes: MA72251, three specimens, collected by A.W.B. Powell on 17 August 1932, from station 932, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Onoba (Ovirissoa) duplicata* (Powell, 1937) – Powell (1979: 114); MolluscaBase (2023).

Haurakia duplicata exuta Powell, 1937

Powell, A.W.B., 1937b, p. 191, pl. 52, fig. 3.

Holotype: NHM 1962997

Paratype: MA72252, one specimen, collected by A.W.B. Powell on 17 August 1932, from station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Onoba (Ovirissoa) exuta* (Powell, 1937) – Powell (1979: 114); MolluscaBase (2023).

Haurakia finlayi Powell, 1937

Powell, A.W.B., 1937b, p. 190, pl. 52, fig. 1.

Holotype: NHM 1962994

Paratypes: MA72248, five specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Haurakia finlayi* Powell, 1937 – MolluscaBase (2023).

Haurakia minuscula Powell, 1955

Powell, A.W.B., 1955, p. 81, pl. 3, fig. 26.

Holotype: MA71217, collected [by J. Bollons], from 174 m (95 fathoms) depth, 22.5 km (14 miles) north of the Auckland Islands, New Zealand.

Paratypes: MA71606, 60 specimens, from the type locality.

Current name: *Haurakia minuscula* Powell, 1955 – MolluscaBase (2023).

†*Haurakia oamarutica* Finlay, 1924

Finlay, H.J., 1924b, p. 483, fig. 2.

Holotype: MA70352, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72492, nine specimens, from the type locality.

Current name: *Haurakia oamarutica* Finlay, 1924 – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

Haurakia otagoensis Dell, 1956

Dell, R.K., 1956a, p. 62, pl. 8, fig. 76.

Holotype: NMNZ M.009278

Paratype: MA72764, one specimen, collected by E.J. Batham on 16 August 1955, on board the MV *Alert*, from the type locality, from 549 m (300 fathoms) depth, Taiaroa Canyon, off Otago Peninsula, New Zealand.

Current name: *Haurakia otagoensis* Dell, 1956 – MolluscaBase (2023).

Haurakia venusta Powell, 1926

Powell, A.W.B., 1926a, pp. 46, 47, pl. 5, fig. 3.

Syntypes: CM M5215; M5216

Syntypes: MA72338* (missing), collected by the New Zealand Government Trawling Expedition (*Nora*

Niven Expedition) in 1907, from the type locality, from 183 m (100 fathoms) depth, 97 km (60 miles) east of Lyttelton, Banks Peninsula, Canterbury, New Zealand.
Remarks: Lot MA72338 has not been found since at least 1993. CM M5215 has 'holotype?' written on its container (C. Vink pers comm. March 2020).

Current name: *Alvania (Linemera) venusta* (Powell, 1926) – Powell (1979: 97); MolluscaBase (2023).

***Haurakiopsis pellucida* Powell, 1937**

Powell, A.W.B., 1937b, p. 192, pl. 52, fig. 5.

Holotype: NHM 1962998

Paratypes: MA71982, four specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand; MA72250, eight specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Haurakia pellucida* (Powell, 1937) – Powell (1979: 96); MolluscaBase (2023).

***Linemera abrupta* Dell, 1956**

Dell, R.K., 1956a, p. 66, pl. 8, fig. 78.

Holotype: NMNZ M.009332

Paratype: MA72763, one specimen, collected by E.J. Batham on 16 August 1955, on board the MV *Alert*, from the type locality, from 549 m (300 fathoms) depth, Taiaoroa Canyon, off Otago Peninsula, New Zealand.

Current name: *Alvania (Linemera) abrupta* (Dell, 1956) – MolluscaBase (2023).

† ***Linemera awamoensis* Finlay, 1924**

Finlay, H.J., 1924b, p. 485, fig. 5.

Holotype: MA70401, collected from the early Miocene (Altonian), Mount Harris Formation, Awamo Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72497, four specimens, from the type locality.

Current name: *Alvania awamoensis* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

***Linemera gallinacea* Finlay, 1930**

Finlay, H.J., 1930c, pp. 225, 226, pl. 45, fig. 41.

Holotype: MA70403, collected from 46 m (25 fathoms) depth, off Hen and Chickens Islands, Northland, New Zealand.

Paratypes: MA72575, 74 specimens, from the type locality.

Current name: *Alvania gallinacea* (Finlay, 1930) – MolluscaBase (2023).

***Linemera gradatoides* Finlay, 1930**

Finlay, H.J., 1930c, p. 226, pl. 45, fig. 40.

Holotype: MA70402, collected from 92 m (50 fathoms)

depth, off Oamaru, Otago, New Zealand.

Paratypes: MA72576, 40 specimens, from the type locality.

Current name: *Alvania gradatoides* (Finlay, 1930) – MolluscaBase (2023).

***Linemera maclurgi* Powell, 1933**

Powell, A.W.B., 1933i, p. 202, pl. 33, fig. 2.

Holotype: MA70404, collected by A.W.B. Powell and/or C.A. Fleming in February 1933, from 18 m (10 fathoms) depth, off Owenga Beach, Chatham Islands, New Zealand.

Paratype: MA71992, one specimen, from the type locality.

Current name: *Alvania maclurgi* (Powell, 1933) – MolluscaBase (2023).

† ***Linemera minuta* Finlay, 1924**

Finlay, H.J., 1924b, pp. 483, 484, fig. 3.

Holotype: MA70405, collected from the early Miocene (Altonian) of the Mount Harris Formation near Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72495, two specimens, from the type locality.

Current name: *Alvania minuta* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

***Linemera pinguoides* Powell, 1940**

Powell, A.W.B., 1940, p. 225, pl. 30, fig. 7.

Holotype: MA70406, presumed to have been dredged by J. Bollons in 1914, from 179 m (98 fathoms) depth, bearing 15°S off Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA73250, five specimens, from the type locality.

Current name: *Alvania pinguoides* (Powell, 1940) – MolluscaBase (2023).

† ***Linemera pukeuriensis* Finlay, 1924**

Finlay, H.J., 1924b, pp. 484, 485, fig. 4.

Holotype: MA70407, collected from the early Miocene (Altonian) of the Mount Harris Formation near Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72496, 11 specimens, from the type locality.

Current name: *Alvania pukeuriensis* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

***Manawatawhia analoga* Powell, 1937**

Powell, A.W.B., 1937b, p. 199, pl. 52, fig. 14.

Holotype: NHM 19621019

Paratypes: MA72261, seven specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Onoba (Manawatawhia) analoga* (Powell, 1937) – MolluscaBase (2023).

***Notosetia antipoda* Powell, 1955**

Powell, A.W.B., 1955, p. 86, pl. 3, fig. 19.

Holotype: MA71218, dredged by J. Bollons, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratypes: MA71607, eight specimens, from the type locality.

Current name: *Powellisetia microstriata* (Murdoch, 1905) – Powell (1979: 99); MolluscaBase (2023).

***Notosetia aupouria* Powell, 1937**

Powell, A.W.B., 1937b, p. 201, pl. 53, fig. 12.

Holotype: NHM 19621025

Paratypes: MA72275, 14 specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Haurakia aupouria* (Powell, 1937) – Powell (1979: 95); MolluscaBase (2023).

***Notosetia benthicola* Powell, 1927**

Powell, A.W.B., 1927a, p. 117, pl. 21, fig. 1.

Holotype: CM M5377

Paratypes: MA72342, six specimens, dredged by a private scientific party in December 1908, from the type locality, off the steamer *Rakiura* in 183 m (100 fathoms) depth, off Puysegur Point, Southland, New Zealand.

Current name: *Onoba (Ovirissoa) lubrica* (Suter, 1898) – Powell (1979: 100); MolluscaBase (2023).

***Notosetia crassilabrum* Powell, 1940**

Powell, A.W.B., 1940, p. 228, pl. 30, fig. 12.

Holotype: MA70537, collected by A.W.B. Powell in 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Paratypes: MA72428, two specimens, from the type locality.

Remarks: Holotype specimen destroyed by glass disease.

Current name: *Powellisetia crassilabrum* (Powell, 1940) – MolluscaBase (2023).

***Notosetia fairchildi* Powell, 1933**

Powell, A.W.B., 1933e, pp. 36, 37, text figs 2, 3.

Holotype: CM M5312

Paratypes: MA72371, three specimens, collected by J. Fairchild on 1 June 1893, from the type locality, from 311 m (170 fathoms) depth, Bounty Islands, New Zealand.

Current name: *Powellisetia gradata* (Suter, 1908) – Powell (1979: 99); MolluscaBase (2023).

***Notosetia foveauxana* E.C. Smith, 1962**

Smith, E.C., 1962, p. 53, fig. 9.

Holotype: NMNZ M.020248

Paratypes: MA72957, six specimens, collected by W. Hopkins in May 1955, from the type locality, from 55 m (30 fathoms) depth, off Poutama Island, Stewart Island/Rakiura, New Zealand.

Current name: *Powellisetia subtenuis* (Powell, 1937) – Powell (1979: 99, 100); MolluscaBase (2023).

***Notosetia lineata* E.C. Smith, 1962**

Smith, E.C., 1962, p. 55, fig. 13.

Holotype: NMNZ M.020253

Paratypes: MA72958, two specimens, collected by E.C. Smith, from the type locality, from seaweed washings, Halfmoon Bay, Stewart Island/Rakiura, New Zealand.

Current name: *Powellisetia lineata* (E.C. Smith, 1962) – Powell (1979: 99, 100); MolluscaBase (2023).

***Notosetia multilirata* Powell, 1940**

Powell, A.W.B., 1940, pp. 228, 229, pl. 31, fig. 10.

Holotype: MA70539, presumed to have been dredged by J. Bollons in 1914, from 179 m (98 fathoms) depth, bearing 15°S off Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: 72425, eight specimens, from the type locality.

Current name: *Powellisetia subtenuis* (Powell, 1937) – Powell (1979: 99, 100); MolluscaBase (2023).

***Notosetia porcellanoides* Powell, 1937**

Powell, A.W.B., 1937b, pp. 200, 201, pl. 53, fig. 9.

Holotype: NHM 19621023

Paratype: MA72262, one specimen, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: The specimen has been damaged by glass disease.

Current name: *Powellisetia porcellanoides* (Powell, 1937) – MolluscaBase (2023).

† *Notosetia prisca* Finlay, 1924

Finlay, H.J., 1924b, p. 488, fig. 9.

Holotype: MA70540, collected from the early Miocene (Altonian), 'Pourakino', northwest of Riverton, Southland, New Zealand.

Paratypes: MA72499, five specimens, from the type locality.

Current name: *Powellisetia prisca* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

† *Notosetia prisca paroeca* Finlay, 1924

Finlay, H.J., 1924b, p. 488, not figured.

Holotype: MA70541, **Plate 6h**, collected from early Miocene (Altonian) Calamity Point Sandstone, [Finlay's bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA72500, two specimens, from the type locality.

Current name: *Powellisetia paroeca* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

***Notosetia retusa* Powell, 1927**

Powell, A.W.B., 1927a, p. 117, pl. 21, fig. 3.

Holotype: CM M5362

Paratypes: MA72343, three specimens, dredged by a private scientific party in December 1908, from the type locality, off the steamer *Rakiura* in 311 m (170 fathoms) depth, off Puysegur Point, Southland, New Zealand.

Current name: *Powellisetia retusa* (Powell, 1927) – MolluscaBase (2023).

***Notosetia subcarinata* Powell, 1940**

Powell, A.W.B., 1940, p. 228, pl. 30, fig. 11.

Holotype: MA70542, presumed to have been dredged by J. Bollons in 1914, from 179 m (98 fathoms) depth, bearing 15°S off Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA72429, 28 specimens, from the type locality.

Remarks: Holotype specimen destroyed by glass disease.

Current name: *Powellisetia subtenuis* (Powell, 1937) – Powell (1979: 99, 100); MolluscaBase (2023).

***Notosetia subgradata* Powell, 1937**

Powell, A.W.B., 1937b, pp. 199, 200, pl. 53, fig. 10.

Holotype: NHM 19621021

Paratypes: MA72273, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Powellisetia subgradata* (Powell, 1937) – MolluscaBase (2023).

***Notosetia subtenuis* Powell, 1937**

Powell, A.W.B., 1937b, pp. 200, 201, pl. 53, fig. 8.

Holotype: NHM 19621024

Paratype: MA72263, six specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Powellisetia subtenuis* (Powell, 1937) – MolluscaBase (2023).

***Notosetia tenuisculpta* Powell, 1933**

Powell, A.W.B., 1933e, p. 37, pl. 6, fig. 7.

Holotype: CM M5313

Paratypes: MA72372, four specimens, collected by J. Fairchild on 1 June 1893, from the type locality, from 311 m (170 fathoms) depth, Bounty Islands, New Zealand.

Current name: *Powellisetia tenuisculpta* (Powell, 1933) – MolluscaBase (2023).

***Notosetia unicarinata* Powell, 1930**

Powell, A.W.B., 1930b, pp. 543, 544, pl. 88, fig. 18.

Holotype: MA70544, dredged by A.W.B. Powell in 1924, from 9–11 m (5–6 fathoms) depth, Tryphena Bay, Great Barrier Island, New Zealand.

Paratypes: MA72426, six specimens, from the type locality.

Current name: *Powellisetia unicarinata* (Powell, 1930) – MolluscaBase (2023).

***Ovirissoa delli* Ponder, 1968**

Ponder, W.F., 1968b, p. 115, text fig. B.

Holotype: NMNZ M.021746

Paratypes: MA72972, two specimens, collected by M. Mestayer, from the type locality, Lyall Bay, Wellington, New Zealand.

Current name: *Onoba (Ovirissoa) delli* (Ponder, 1968) – MolluscaBase (2023).

† *Powellia comes* Finlay, 1926

Finlay, H.J., 1926b, p. 404, pl. 19, figs 45, 46.

Holotype: MA70636, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72532, one specimen; MA72533, 19 specimens; all from the type locality.

Current name: *Powellisetia comes* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

† *Powellia lactea* Finlay, 1926

Finlay, H.J., 1926b, pp. 403, 404, pl. 19, figs 47, 48.

Holotype: MA70637, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72531, two specimens; MA72944, 15 specimens; MA73623, 25 specimens; all from the type locality.

Current name: *Onoba (Ovirissoa) lactea* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

***Powellia paupereques* Finlay, 1926**

Finlay, H.J., 1926b, p. 404, pl. 19, figs 43, 44.

Holotype: MA70638, dredged by J. Bollons, from 110 m (60 fathoms) depth, off Poor Knights Islands, Northland, New Zealand.

Paratypes: MA72534, three specimens, from the type locality.

Current name: *Onoba (Ovirissoa) paupereques* (Finlay, 1926) – MolluscaBase (2023).

***Powellisetia bilirata* Ponder, 1965**

Ponder, W.F., 1965c, p. 106, pl. 14, fig. 17.

Holotype: MA71265, collected by K. Hipkins on 9 April 1955, from shell sand, McGregors Bay, Whangārei Heads, Northland, New Zealand.

Paratype: MA72845, one specimen, from the type locality.

Current name: *Powellisetia bilirata* Ponder, 1965 – MolluscaBase (2023).

***Rissoa (Haurakia) latiambita* Ponder, 1967**

Ponder, W.F., 1967, pp. 199, 200, pl. 2, fig. 2.

Holotype: MA71306, collected by K. Hipkins on 9 April 1955, from shell sand, McGregors Bay, Whangārei Heads, Northland, New Zealand.

Paratypes: MA73128, three specimens, from the type locality.

Current name: *Hauraki latiambita* (Ponder, 1967) – MolluscaBase (2023).

***Rissoa (Haurakia) mobilicosta* Ponder, 1967**

Ponder, W.F., 1967, p. 200, pl. 1, figs 8, 9, 9a.

Holotype: MA71305, collected by W.F. Ponder on 21 August 1963, on *Corallina*, Bream Tail, Northland, New Zealand.

Paratypes: MA72966, five specimens, from the type locality.

Current name: *Haurakia mobilicosta* (Ponder, 1967) – MolluscaBase (2023).

***Rissoa (Haurakia) sinuastoma* Ponder, 1967**

Ponder, W.F., 1967, p. 199, pl. 2, fig. 1.

Holotype: MA71307, collected by K. Hipkins, from shell sand, Piwhane/Spirits Bay, Northland, New Zealand.

Current name: *Haurakia sinuastoma* (Ponder, 1967) – MolluscaBase (2023).

***Rissoa (Setia) infecta* Suter, 1908**

Suter, H., 1908, p. 31, pl. 3, fig. 31.

Lectotypification in Powell, A.W.B., 1933i, p. 198, pl. 34, fig. 5.

Lectotype: GNS TM 689

Paralectotypes: MA72782, two specimens, collected from the type locality, Lyall Bay, Wellington, New Zealand.

Remarks: Lot MA72782 has a label written by A.W.B. Powell with ‘paratype’ and a ‘Powell number’ showing that it came via Powell’s own collection.

Current name: *Haurakia infecta* (Suter, 1908) – MolluscaBase (2023).

***Rissoa (Setia) porcellana* Suter, 1908**

Suter, H., 1908, pp. 30, 31, pl. 2, fig. 29.

Lectotypification in Boreham, A., 1959, p. 36.

Lectotype: GNS TM 715

Paralectotypes: MA72783, two specimens, dredged by J. Bollons, from the type locality, in 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Remarks: Lot MA72783 has a label written by A.W.B. Powell with ‘paratype’ and a ‘Powell number’ showing that it came via Powell’s own collection.

Current name: *Powellisetia porcellana* (Suter, 1908) – MolluscaBase (2023).

***Rissoa (Setia) stewartiana* Suter, 1908**

Suter, H., 1908, p. 31, pl. 3, fig. 30.

Lectotypification in Boreham, A., 1959, p. 36.

Lectotype: GNS TM 726

Paralectotypes: MA72787, two specimens, collected by J. Bollons, from the type locality, from 33 m (18 fathoms) depth, Port Pegasus, Stewart Island/Rakiura, New Zealand.

Remarks: Lot MA72787 has a label written by A.W.B. Powell with ‘paratype’ and a ‘Powell number’ showing that it came via Powell’s own collection.

Current name: *Powellisetia porcellana* (Suter, 1908) – MolluscaBase (2023).

***Rissoia candidissima* Webster, 1905**

Webster, W.H., 1905, p. 278, fig. 7.

Holotype: MA70668, collected from Takapuna Beach, Auckland, New Zealand.

Paratype: MA73242, one specimen, from the type locality.

Current name: *Subonoba candidissima* (Webster, 1905) – MolluscaBase (2023).

† *Rissoina perplexa* Finlay, 1924

Finlay, H.J., 1924b, pp. 489, 490, fig. 11.

Holotype: MA70678, collected from Miocene Nga Pari Formation [Park’s horizon 6 (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Onoba perplexa* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

***Rissopsis (Peringiella) elegans* Ponder, 1965**

Ponder, W.F., 1965c, p. 115, pl. 13, figs 3, 3a, 7, 8.

Holotype: MA71266, collected by K. Hipkins on 29 December 1953, from 40 m (22 fathoms) depth, 0.8 km (0.5 miles) west of Stephenson Island, Whangaroa Bay, Northland, New Zealand.

Current name: *Onoba (Ovirissoa) elegans* (Ponder, 1965) – MolluscaBase (2023).

***Striatestea bountyensis* Powell, 1927**

Powell, A.W.B., 1927b, pp. 544, 545, pl. 28, fig. 18.

Holotype: MA72145, dredged by J. Fairchild in June 1893, from 311 m (170 fathoms) depth, south of Bounty Island, New Zealand.

Current name: *Striatestea bountyensis* Powell, 1927 – MolluscaBase (2023).

***Striatestea eulima* Powell, 1940**

Powell, A.W.B., 1940, pp. 227, 228, pl. 30, fig. 2.

Holotype: MA70732, collected by A.W.B. Powell in 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Paratypes: MA71568, two specimens, from the type locality.

Remarks: Holotype specimen destroyed by glass disease.

Current name: *Striatestea eulima* Powell, 1940 – MolluscaBase (2023).

***Striatestea poutama* Ponder, 1967**

Ponder, W.F., 1967, p. 203, pl. 2, fig. 4.

Holotype: NMNZ M.021605

Paratype: MA72967, one specimen, collected by E.C. Smith in June 1955, from the type locality, from 55 m (30 fathoms) depth, in bryozoan sand, off Poutama Island, west of South West Cape/Puhiwaero, Stewart Island/Rakiura, New Zealand.

Current name: *Striatestea poutama* Ponder, 1967 – MolluscaBase (2023).

***Subonoba alpha* Powell, 1955**

Powell, A.W.B., 1955, p. 77, pl. 2, fig. 13.

Holotype: MA71210, dredged by J. Bollons, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratypes: MA71598, 40 specimens, from the type locality.

Current name: *Subonoba alpha* Powell, 1955 – MolluscaBase (2023).

***Subonoba aupouria* Powell, 1940**

Powell, A.W.B., 1940, p. 225, pl. 30, fig. 8.

Holotype: MA72147, dredged by J. Bollons, from 91 m (50 fathoms) depth, between Piwhane/Spirits Bay and Manawatawhi/Three Kings Islands, New Zealand.

Paratypes: MA73602, two specimens, from the type locality.

Remarks: MA72147 contained three specimens, but only one approached the length given by Powell for the holotype and this is retained as the holotype specimen. The two smaller specimens have been removed and given paratype status as MA73602.

Current name: *Subonoba aupouria* Powell, 1940 – MolluscaBase (2023).

***Subonoba beta* Powell, 1955**

Powell, A.W.B., 1955, p. 77, pl. 2, fig. 14.

Holotype: MA71211, dredged by J. Bollons, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratypes: MA71600, five specimens, from the type locality.

Current name: *Subonoba beta* Powell, 1955 – MolluscaBase (2023).

***Subonoba contigua* Powell, 1958**

Powell, A.W.B., 1958c, pp. 184, 185, pl. 1, fig. 8.

Holotype: SAM D15441

Paratypes: MA71956, three specimens, collected from the type locality, during 1929–1931 British Australian New Zealand Antarctic Research Expedition, station 84, Commonwealth Bay, Antarctica.

Current name: *Subonoba gelida* (E.A. Smith, 1907) – MolluscaBase (2023).

***Subonoba delicatula* Powell, 1933**

Powell, A.W.B., 1933d, p. 235, text fig. 3.

Holotype: NMNZ M.001678

Paratype: MA72365* (missing), collected from the type locality by J. Bollons, from beach drift, Faith [North] Harbour, Auckland Islands, New Zealand.

Remarks: The paratype lot has not been found since at least 1993.

Current name: *Subonoba delicatula* Powell, 1933 – MolluscaBase (2023).

***Subonoba delta* Powell, 1955**

Powell, A.W.B., 1955, p. 78, pl. 2, fig. 12.

Holotype: MA71213, dredged by J. Bollons, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratypes: MA71602, 11 specimens, from the type locality.

Current name: *Subonoba delta* Powell, 1955 – MolluscaBase (2023).

***Subonoba edita* Powell, 1939**

Powell, A.W.B., 1939, p. 231, pl. 49, fig. 6.

Holotype: MA70739, collected by R.H. Harrison, from shell sand, Rosa Island, Port Pegasus, Stewart Island/Rakiura, New Zealand.

Current name: *Subonoba edita* Powell, 1939 – MolluscaBase (2023).

***Subonoba fallai* Powell, 1955**

Powell, A.W.B., 1955, pp. 78, 79, pl. 2, fig. 15.

Holotype: MA71214, collected by R.A. Falla, 1941–1944, during the ‘Cape Expedition’, from Ewing Island, Port Ross, Auckland Islands, New Zealand.

Paratypes: MA71603, 14 specimens, from the type locality.

Current name: *Subonoba fallai* Powell, 1955 – MolluscaBase (2023).

***Subonoba gamma* Powell, 1955**

Powell, A.W.B., 1955, p. 77, pl. 2, fig. 17.

Holotype: MA71212, dredged by J. Bollons, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratypes: MA71601, 13 specimens, from the type locality.

Current name: *Subonoba gamma* Powell, 1955 – MolluscaBase (2023).

***Subonoba inornata* Powell, 1933**

Powell, A.W.B., 1933i, pp. 202, 203, pl. 35, fig. 3.

Holotype: MA70740, collected by A.W.B. Powell in February 1933, from seaweeds, Waitangi, Chatham Islands, New Zealand.

Paratype: MA71535, one specimen, from the type locality.

Current name: *Subonoba inornata* Powell, 1933 – MolluscaBase (2023).

***Subonoba morioria* Powell, 1933**

Powell, A.W.B., 1933i, p. 203, pl. 35, fig. 2.

Holotype: MA70741, collected by A.W.B. Powell in February 1933, from shell sand, Waitangi, Chatham Islands, New Zealand.

Paratypes: MA71536, six specimens, from the type locality.

Current name: *Subonoba morioria* Powell, 1933 – MolluscaBase (2023).

***Subonoba oliveri* Powell, 1955**

Powell, A.W.B., 1955, pp. 79, 80, pl. 2, fig. 16.

Lectotype (designated here): MA71215, collected by R. Oliver on 5 November 1944, during the ‘Cape Expedition’, from 37 m (20 fathoms) depth, Perseverance Harbour, Campbell Island/Motu Ihupuku, New Zealand.

Paralectotypes: MA71604, three specimens, from the type locality.

Remarks: A.W.B. Powell selected a primary type and three paratypes and stored the holotype together with one of the paratypes, with the remaining two paratypes stored separately. These were later registered as MA71215 and MA71604, respectively. Powell (1955: 80) gave the holotype measurements as height 2.4 mm × diameter 1.65 mm and figured the specimen as a line drawing (pl. 2, fig. 16). However, both specimens in MA71215 are similar in height and diameter, as are the two specimens originally in MA71604. As a holotype cannot be distinguished based on Powell’s measurements, description or line drawing, the specimens in MA71215 and MA71604 must be treated as syntypes. In the interest of taxonomic stability one of the specimens in MA71215 has been selected and is here designated lectotype. The second specimen has been stored in a separate gelatin capsule with the two specimens in MA71604, with all three being paralectotypes.

Current name: *Subonoba oliveri* Powell, 1955 – MolluscaBase (2023).

***Subonoba parvula* Powell, 1931**

Powell, A.W.B., 1931b, p. 375, pl. 51, fig. 7.

Holotype: MA72148, collected by W. La Roche in 1922, from 9 m (5 fathoms) depth, off the entrance to Rangaunu Harbour, Rangaunu Bay, Northland, New Zealand.

Paratype: MA71472, one specimen, from the type locality.

Current name: *Subonoba parvula* Powell, 1931 – MolluscaBase (2023).

***Subonoba paucicostata* Powell, 1931**

Powell, A.W.B., 1931b, p. 375, pl. 51, fig. 3.

Holotype: CM M2849

Paratypes: MA72359, six specimens, dredged by J. Bollons, from the type locality, from 91 m (50

fathoms) depth, off the Bounty Islands, New Zealand.

Current name: *Subonoba paucicostata* Powell, 1931 – MolluscaBase (2023).

***Subonoba sorenseni* Powell, 1955**

Powell, A.W.B., 1955, pp. 76, 77, pl. 2, fig. 11.

Holotype: MA71209, collected by J.H. Sorensen in 1943, during the ‘Cape Expedition’, Perseverance Harbour, Campbell Island/Motu Ihupuku, New Zealand.

Current name: *Subonoba sorenseni* Powell, 1955 – MolluscaBase (2023).

***Subonoba tenuistriata* Powell, 1933**

Powell, A.W.B., 1933d, p. 235, text fig. 4.

Holotype: NMNZ M.001679

Paratype: MA72366* (missing), dredged by J. Bollons, from the type locality, from 174 m (95 fathoms) depth, 22.5 km (14 miles) north of the Auckland Islands, New Zealand.

Remarks: MA72366 has not been found since at least 1993.

Current name: *Subonoba tenuistriata* Powell, 1933 – MolluscaBase (2023).

Family BARLEEIIDAE

***Austronoba martini* Finlay, 1928**

Finlay, H.J., 1928, p. 242, pl. 39, figs 12, 13.

Holotype: MA70073, collected by members of the Otago Institute in January and February 1924, Chatham Islands, New Zealand.

Paratypes: MA72552, ten specimens, from the type locality.

Remarks: See *Lasaea rossiana vexata* Finlay, 1928 (MA70389) for further comments on provenance.

Current name: *Fictonoba carnososa martini* (Finlay, 1928) – MolluscaBase (2023).

***Austronoba oliveri* Powell, 1927**

Powell, A.W.B., 1927b, pp. 542, 543, pl. 27, fig. 9.

Holotype: MA70075, dredged by R.S. Bell, from 10–30 m depth, off Raoul Island, Rangitāhua/Kermadec Islands, New Zealand.

Paratypes: MA71522, 29 specimens, from the type locality.

Current name: *Fictonoba oliveri* (Powell, 1927) – MolluscaBase (2023).

***Rissoia carnososa* Webster, 1905**

Webster, W.H., 1905, p. 278, fig. 6.

Holotype: MA70667, collected from Takapuna Beach, Auckland, New Zealand.

Paratypes: MA72608, 16 specimens, from the type locality.

Current name: *Fictonoba carnososa carnososa* (Webster, 1905) – MolluscaBase (2023).

Family LIRONOBIDAE***Lironoba matai* Dell, 1952**

Dell, R.K., 1952a, pp. 416, 418, pl. 85, fig. 3.

Holotype: NMNZ M.005507

Paratypes: MA72770, two specimens, collected by the NZGS *Matai* on 6 November 1936, from the type locality, from 95 m (52 fathoms) depth, Mernoo Bank, Chatham Rise, New Zealand.

Current name: *Lironoba matai* Dell, 1952 – MolluscaBase (2023).

***Lironoba (Nobolira) anomala* Powell, 1940**

Powell, A.W.B., 1940, p. 225, pl. 30, fig. 3.

Holotype: MA70411, collected by A.W.B. Powell in 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Remarks: The specimen has been severely damaged by glass disease.

Current name: *Lironoba anomala* Powell, 1940 – MolluscaBase (2023).

†*Lironoba charassa* Finlay, 1924

Finlay, H.J., 1924b, p. 486, fig. 7.

Holotype: MA70412, collected from 'Nukumaru', Manawatū-Whanganui, New Zealand.

Remarks: No further locality data is available, but based on later specimens found by Laws (1940b), the specimen may have been collected from the Early Pleistocene (Nukumaruan) Nukumaru Brown Sand, 7 km SE of Waiinu Beach, near the site of the former 'Nukumaru boat-landing', Manawatū-Whanganui, New Zealand.

Current name: *Attenuata charassa* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

†*Lironoba polyvincta* Finlay, 1924

Finlay, H.J., 1924b, pp. 485, 486, fig. 6.

Holotype: MA70413, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72498, three specimens, from the type locality.

Current name: *Attenuata polyvincta* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

***Merelina cochleata* Powell, 1937**

Powell, A.W.B., 1937b, p. 194, pl. 52, fig. 6.

Holotype: NHM 19621005

Paratypes: MA72269, three specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Merelina cochleata* Powell, 1937 – MolluscaBase (2023).

***Merelina compacta* Powell, 1927**

Powell, A.W.B., 1927b, pp. 537, 538, pl. 26, figs 5, 5a.

Holotype: MA72093, dredged by W. La Roche in June 1924, from 11–18 m (6–10 fathoms) depth, off the entrance to 'Mangonui Heads' [Mangonui Harbour], Doubtless Bay, Northland, New Zealand.

Paratypes: MA71516, three specimens, from the type locality.

Current name: *Merelina compacta* Powell, 1927 – MolluscaBase (2023).

***Merelina crassissima* Powell, 1937**

Powell, A.W.B., 1937b, pp. 194, 195, pl. 52, fig. 9.

Holotype: NHM 19621007

Paratypes: MA72270, five specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Merelina crassissima* Powell, 1937 – MolluscaBase (2023).

***Merelina crispulata* Powell, 1937**

Powell, A.W.B., 1937b, p. 194, pl. 52, fig. 7.

Holotype: NHM 19621003

Paratypes: MA72268, 17 specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Merelina crispulata* Powell, 1937 – MolluscaBase (2023).

***Merelina gemmata* Powell, 1927**

Powell, A.W.B., 1927b, p. 537, pl. 26, fig. 1.

Holotype: MA72094, collected by R. Falla in December 1923, from shell sand, Maro Tiri, [Hen and Chicken Islands], Northland, New Zealand.

Paratypes: MA71517, three specimens, from the type locality.

Remarks: The location is given as Maro Tiri (Chicken Island). Today Marotere refers to the group of six islands to the north of Taranga, the largest island. Powell (1927b) most likely used the name for Lady Alice/Big Chicken.

Current name: *Simulameralina gemmata* (Powell, 1927) – MolluscaBase (2023).

***Merelina harrisonae* Powell, 1939**

Powell, A.W.B., 1939, p. 231, pl. 49, fig. 2.

Holotype: MA70459, collected by R.H. Harrison, from Ringaringa, Stewart Island/Rakiura, New Zealand.

Current name: *Merelina harrisonae* Powell, 1939 – MolluscaBase (2023).

†*Merelina kaawaensis* Laws, 1936

Laws, C.R., 1936b, p. 106, pl. 16, figs 60, 61.

Holotype: MA70460, collected from the early Pliocene

(Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratypes: MA72697, specimens, from the type locality.

Current name: *Merelina kaawaensis* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

***Merelina manawatawhia* Powell, 1937**

Powell, A.W.B., 1937b, pp. 193, 194, pl. 52, fig. 8.

Holotype: NHM 19621000

Paratypes: MA72267, four specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Merelina manawatawhia* Powell, 1937 – MolluscaBase (2023).

***Merelina maoriana* Powell, 1939**

Powell, A.W.B., 1939, pp. 231, 232, pl. 49, fig. 1.

Holotype: MA70461, collected from 5 m (3 fathoms) depth, Otago Harbour, Dunedin, Otago, New Zealand.

Paratypes: MA71587, 41 specimens, from the type locality.

Current name: *Merelina maoriana* Powell, 1939 – MolluscaBase (2023).

***Merelina paupereques* Powell, 1937**

Powell, A.W.B., 1937b, p. 193, pl. 52, fig. 10.

Holotype: MA71292, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off the Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: The original label records the type locality as ‘60 fath. Poor Knights’, which is an alternative collecting site for this species recorded by Powell (1937b: 193) but not the type locality, which is given as station 933. Almost all holotypes for species described in Powell (1937b) were lodged with the NHM, but there is no record of any specimens of *Merelina paupereques* in the NHM online molluscan register of RRS *Discovery II* cruise specimens (see <https://data.nhm.ac.uk/dataset/collection-specimens>). In addition, Powell (1937b) states that ‘The writer is indebted to Dr H.J. Finlay for the opportunity of describing this species.’ This suggests that Powell (1937b) may have recorded station 933 in error as the type locality.

Current name: *Merelina paupereques* Powell, 1937 – MolluscaBase (2023).

***Merelina plaga* Finlay, 1926**

Finlay, H.J., 1926b, p. 378, pl. 19, figs 37, 38.

Holotype: MA70462, dredged by J. Bollons, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratype: MA72527, one specimen; MA73211, 24 specimens; all from the type locality.

Current name: *Merelina plaga* Finlay, 1926 – MolluscaBase (2023).

***Merelina rubiginosa* Ponder, 1967**

Ponder, W.F., 1967, pp. 213, 214, pl. 6, fig. 1.

Holotype: MA72970, collected by K. Hipkins on 9 April 1955, from McGregors Bay, Whangārei Heads, Northland, New Zealand.

Paratypes: MA72971, 19 specimens, from the type locality.

Current name: *Merelina rubiginosa* Ponder, 1967 – MolluscaBase (2023).

***Merelina superba* Powell, 1927**

Powell, A.W.B., 1927b, pp. 536, 537, pl. 26, fig. 2.

Holotype: MA72095, collected by R. Falla in December 1923, from shell sand, Maro Tiri, [Hen and Chicken Islands], Northland, New Zealand.

Remarks: The location is given as Maro Tiri (Chicken Island). Today Marotere refers to the group of six islands to the north of Taranga, the largest island. Powell (1927b) most likely used the name for Lady Alice/Big Chicken.

Current name: *Merelina superba* Powell, 1927 – MolluscaBase (2023).

***Merelina taupoensis* Powell, 1939**

Powell, A.W.B., 1939, p. 232, pl. 49, fig. 3.

Holotype: MA70463, collected by W. La Roche, from Taupo Bay, Whangaroa, Northland, New Zealand.

Paratypes: MA71588, 29 specimens, from the type locality.

Current name: *Merelina taupoensis* Powell, 1939 – MolluscaBase (2023).

***Merelina waitangiensis* Powell, 1933**

Powell, A.W.B., 1933i, p. 202, pl. 33, fig. 3.

Holotype: MA70464, collected by A.W.B. Powell in February 1933, from shell sand, Waitangi, Chatham Islands, New Zealand.

Current name: *Merelina waitangiensis* Powell, 1933 – MolluscaBase (2023).

***Nobolira affinis* Powell, 1940**

Powell, A.W.B., 1940, p. 226, pl. 30, fig. 6.

Holotype: MA70523, dredged from 27 m (15 fathoms) depth, off Waikuku Beach, Northland, New Zealand.

Current name: *Attenuata affinis affinis* (Powell, 1940) – MolluscaBase (2023).

***Nobolira bollonsi* Powell, 1930**

Powell, A.W.B., 1930a, pp. 536, 537, pl. 60, fig. 7.

Holotype: MA71394, dredged by J. Bollons, from 110 m (60 fathoms) depth, off Poor Knights Islands, Northland, New Zealand.

Current name: *Attenuata bollonsi* (Powell, 1930) – MolluscaBase (2023).

***Nobolira cochlearella* Powell, 1937**

Powell, A.W.B., 1937b, pp. 195, 196, pl. 52, fig. 15.

Holotype: NHM 19621009

Paratypes: MA72246, eight specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, from station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Attenuata cochlearella* (Powell, 1937) – MolluscaBase (2023).

***Nobolira contigua* Powell, 1940**

Powell, A.W.B., 1940, p. 226, pl. 30, fig. 5.

Holotype: MA70524, presumed to have been dredged by J. Bollons in 1914, from 179 m (98 fathoms) depth, bearing 15°S off Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: Holotype specimen destroyed by glass disease.

Current name: *Attenuata contigua* (Powell, 1940) – MolluscaBase (2023).

***Nobolira manawatawhia* Powell, 1937**

Powell, A.W.B., 1937b, p. 196, pl. 52, fig. 16.

Holotype: NHM 19621011

Paratypes: MA72247, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Attenuata manawatawhia* (Powell, 1937) – MolluscaBase (2023).

***Nobolira merelina* Dell, 1956**

Dell, R.K., 1956a, p. 65, pl. 9, fig. 80.

Holotype: NMNZ M.009279

Paratype: MA72756, one specimen, collected by E.J. Batham on 16 August 1955, on board the MV *Alert*, from the type locality, from 549 m (300 fathoms) depth, Taiaroa Canyon, off Otago Peninsula, New Zealand.

Current name: *Attenuata merelina* (Dell, 1956) – MolluscaBase (2023).

***Nobolira regis* Powell, 1940**

Powell, A.W.B., 1940, p. 226, pl. 30, fig. 4.

Holotype: MA72105, dredged by J. Bollons, from 91 m (50 fathoms) depth, between Piwhane/Spirits Bay and Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Attenuata regis* (Powell, 1940) – MolluscaBase (2023).

***Nobolira (Adolphinoba) finlayi* Powell, 1930**

Powell, A.W.B., 1930a, pp. 537, 538, pl. 60, fig. 6.

Holotype: MA70525, dredged by J. Bollons, from 110 m (60 fathoms) depth, off Poor Knights Islands, Northland, New Zealand.

Paratypes: MA71998, four specimens, from the type locality.

Current name: *Attenuata finlayi* (Powell, 1930) – MolluscaBase (2023).

***Promerelina coronata* Powell, 1926**

Powell, A.W.B., 1926b, p. 594, fig. 1.

Holotype: MA72120, collected by R.A. Falla in December 1923, from shell sand, Maro Tiri, [Hen and Chicken Islands], Northland, New Zealand.

Remarks: The type locality is given as Maro Tiri (Chicken Island). Today Marotere refers to the group of six islands to the north of Taranga, the largest island. Powell (1926b) most likely used the name for Lady Alice/Big Chicken.

Current name: *Merelina coronata* (Powell, 1926) – MolluscaBase (2023).

***Promerelina crosseaformis* Powell, 1926**

Powell, A.W.B., 1926b, p. 593, fig. 2.

Holotype: MA72121, collected by R.A. Falla in December 1923, from shell sand, Maro Tiri, [Hen and Chicken Islands], Northland, New Zealand.

Paratype: MA71408, one specimen, collected by W. La Roche in 1924, from Whangaroa Bay, Northland, New Zealand.

Remarks: The type locality is given as Maro Tiri (Chicken Island). Today Marotere refers to the group of six islands to the north of Taranga, the largest island. Powell (1926b) most likely used the name for Lady Alice/Big Chicken.

Current name: *Merelina crosseaformis* (Powell, 1926) – MolluscaBase (2023).

***Promerelina lacunosa* Powell, 1940**

Powell, A.W.B., 1940, p. 227, pl. 30, fig. 9.

Holotype: MA70639, collected by A.W.B. Powell in 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Paratypes: MA71567, 19 specimens, from the type locality.

Remarks: Powell (1940: 217) erroneously listed the locality as RRS *Discovery II* station 931 (his 'Aupourian Dredge Station' D7), instead of Takapaukura/Tom Bowling Bay (his 'Aupourian Shore Station' 7). The type description (Powell 1940: 227) and specimen labels have the latter as the type locality.

Current name: *Merelina lacunosa* (Powell, 1940) – MolluscaBase (2023).

***Promerelina tricarinata* Powell, 1937**

Powell, A.W.B., 1937b, p. 195, pl. 52, fig. 11.

Holotype: NHM 19621008

Paratypes: MA72271, five specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Merelina tricarinata* (Powell, 1937) – MolluscaBase (2023).

Family RISSOINIDAE***Rissoina achatinoides* Powell, 1937**

Powell, A.W.B., 1937b, p. 202, pl. 53, fig. 7.

Holotype: NHM 19621030

Paratypes: MA72255, three specimens, collected by A.W.B. Powell on 16 August 1932, from the type locality, station 930, RRS *Discovery II* cruise, in 29 m depth, off Waikuku Beach, Northland, New Zealand.

Current name: *Rissoina achatinoides* Powell, 1937 – MolluscaBase (2023).

***Rissoina anguina* Finlay, 1926**

Finlay, H.J., 1926b, p. 379, pl. 19, figs 39, 40.

Holotype: MA70673, specimen probably collected by W. La Roche, Whangaroa Harbour, Northland, New Zealand.

Paratypes: MA72528, two specimens, from the type locality.

Current name: *Rissoina anguina* Finlay, 1926 – MolluscaBase (2023).

***Rissoina aupouria* Powell, 1937**

Powell, A.W.B., 1937b, pp. 201, 202, pl. 53, fig. 6.

Holotype: NHM 19621028

Paratype: MA72256, one specimen, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Rissoina aupouria* Powell, 1937 – MolluscaBase (2023).

***Rissoina fictor* Finlay, 1930**

Finlay, H.J., 1930c, pp. 227, 228, pl. 45, fig. 38.

Holotype: MA70675, collected from 69 m (38 fathoms) depth, off Cuvier Island, Waikato, New Zealand.

Current name: *Rissoina fictor* Finlay, 1930 – MolluscaBase (2023).

***Rissoina fucosa* Finlay, 1930**

Finlay, H.J., 1930c, p. 228, pl. 45, fig. 43.

Holotype: MA70676, collected from 69 m (38 fathoms) depth, off Cuvier Island, Waikato, New Zealand.

Current name: *Rissoina fucosa* Finlay, 1930 – MolluscaBase (2023).

***Rissoina larochei* Finlay, 1930**

Finlay, H.J., 1930c, p. 227, not figured.

Holotype: MA70677, **Plate 7e**, dredged by W. La Roche, from 22 m (12 fathoms) depth, Doubtless Bay, Northland, New Zealand.

Paratype: MA72577, one specimen, from the type locality.

Current name: *Rissoina larochei* Finlay, 1930 – MolluscaBase (2023).

***Rissoina manawatawhia* Powell, 1937**

Powell, A.W.B., 1937b, pp. 202, 203, pl. 53, fig. 5.

Holotype: NHM 19621031

Paratypes: MA72257, 11 specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Rissoina manawatawhia* Powell, 1937 – MolluscaBase (2023).

***Rissoina powelli* Finlay, 1930**

Finlay, H.J., 1930c, p. 227, pl. 45, fig. 37.

Holotype: MA70679, dredged by J. Bollons, from 110 m (60 fathoms) depth, off Poor Knights Islands, Northland, New Zealand.

Paratypes: MA72578, 13 specimens, from the type locality.

Current name: *Rissoina powelli* Finlay, 1930 – MolluscaBase (2023).

Family ZEBINIDAE***Rissoina porteri* Baker, Hanna & Strong, 1930**

Baker, F., Hanna, G.D. and A.M. Strong, 1930, p. 30, pl. 1, fig. 15.

Holotype: MCAS TYX 43963; CatNum 66053

Paratypes: MA73239, seven specimens, collected by G.D. Porter in 1921, from the type locality, Gulf of California, Mexico.

Current name: *Pandalosia ephamilla* (R.B. Watson, 1886) – MolluscaBase (2023).

Superfamily TRUNCATELLOIDEA**Family ANABATHRIDAE*****Epigrus striatus* Powell, 1927**

Powell, A.W.B., 1927b, p. 545, pl. 28, fig. 16.

Holotype: MA72056, collected by W. La Roche in 1922, from 11–18 m (6–10 fathoms) depth, off ‘Mangonui Heads’ [Mangonui Harbour], Doubtless Bay, Northland, New Zealand.

Paratype: MA72430, one specimen, from the type locality.

Current name: *Microdryas striatus* (Powell, 1927) – Powell (1979: 104); MolluscaBase (2023).

***Estea angustata* Powell, 1927**

Powell, A.W.B., 1927b, p. 543, pl. 27, fig. 10.

Holotype: MA72058, collected by W. La Roche in 1922, from 11–18 m (6–10 fathoms) depth, off ‘Mangonui Heads’ [Mangonui Harbour], Doubtless Bay, Northland, New Zealand.

Paratypes: MA71525, two specimens, from the type locality.

Current name: *Pisinna angustata* (Powell, 1927) – MolluscaBase (2023).

***Estea guesti* Powell, 1933**

Powell, A.W.B., 1933i, p. 200, pl. 35, fig. 5.

Holotype: MA70277, collected by A.W.B. Powell in February 1933, from shell sand, Waitangi, Chatham Islands, New Zealand.

Current name: *Pisinna subfusca* (F.W. Hutton, 1873) – MolluscaBase (2023).

***Estea hipkinsi* Ponder, 1965**

Ponder, W.F., 1965d, p. 136, pl. 21, fig. 9.

Holotype: MA71270, collected by R.S. Bird in June 1951, from Piwhane/Spirits Bay, Northland, New Zealand.

Paratypes: MA72838, two specimens, from the type locality.

Remarks: One paratype specimen was collected by I. Worthy in 1949, the other by R.S. Bird in June 1951. These were amalgamated at some time and are no longer distinguishable.

Current name: *Pisinna hipkinsi* (Ponder, 1965) – MolluscaBase (2023).

***Estea juddi* Ponder, 1968**

Ponder, W.F., 1968b, p. 116, text fig. E.

Holotype: NMNZ M.021741

Paratype: MA72791, one specimen, collected by W. Judd, in 37 m (120 feet) depth, off Whakaari/White Island, Bay of Plenty, New Zealand.

Current name: *Pisinna juddi* (Ponder, 1968) – MolluscaBase (2023).

***Estea manawatawhia* Powell, 1937**

Powell, A.W.B., 1937b, p. 198, pl. 53, fig. 3.

Holotype: NHM 19621017

Paratypes: MA72265, nine specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Pisinna manawatawhia* (Powell, 1937) – MolluscaBase (2023).

***Estea morioria* Powell, 1933**

Powell, A.W.B., 1933i, pp. 200, 201, pl. 35, fig. 6.

Holotype: MA70278, collected by A.W.B. Powell and/or C.A. Fleming in February 1933, from 18 m (10 fathoms) depth, off Owenga Beach, Chatham Islands, New Zealand.

Remarks: Specimen damaged by glass disease.

Current name: *Pisinna micronema morioria* (Powell, 1933) – MolluscaBase (2023).

***Estea porrecta* Powell, 1933**

Powell, A.W.B., 1933i, p. 201, pl. 35, fig. 8.

Holotype: MA70279, collected by A.W.B. Powell in February 1933, from shell sand, Waitangi, Chatham Islands, New Zealand.

Current name: *Pisinna insulana porrecta* (Powell, 1933) – MolluscaBase (2023).

***Estea porrectoides* Powell, 1937**

Powell, A.W.B., 1937b, p. 197, pl. 53, fig. 1.

Holotype: NHM 19621014

Paratypes: MA72253, six specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Pisinna insulana porrectoides* (Powell, 1937) – MolluscaBase (2023).

***Estea praecidecosta* Ponder, 1965**

Ponder, W.F., 1965d, pp. 144, 145, pl. 21, fig. 8.

Holotype: NIWA 455 (NZOI type registration H-26).

Paratype: MA72840, one specimen, collected by staff of the New Zealand Oceanographic Institute on 18 February 1962, from the type locality, N.Z.O.I. Station C.760, from bryozoan substrate in 80 m (44 fathoms) depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Pisinna praecidecosta* (Ponder, 1965) – MolluscaBase (2023).

***Estea rekohuana* Powell, 1933**

Powell, A.W.B., 1933i, pp. 199, 200, pl. 35, fig. 9.

Holotype: MA70280, collected by A.W.B. Powell in February 1933, from undersides of stones, Waitangi, Chatham Islands, New Zealand.

Paratype: MA73190* (missing), from the type locality.

Remarks: MA73190 has not been seen since 2002.

Current name: *Pisinna rekohuana rekohuana* (Powell, 1933) – MolluscaBase (2023).

***Estea rekohuana lactorubra* Ponder, 1965**

Ponder, W.F., 1965d, pp. 147, 148, pl. 18, fig. 11; pl. 17, figs 10, 11.

Holotype: MA71271, collected by W.F. Ponder on 6 May 1962, from under stones embedded in sand in rock pools at low tide, Smugglers Bay, Whangārei Heads, Northland, New Zealand.

Paratypes: MA72839, 34 specimens, from the type locality.

Current name: *Pisinna rekohuana lactorubra* (Ponder, 1965) – MolluscaBase (2023).

***Estea rufoapicata latior* Dell, 1956**

Dell, R.K., 1956a, p. 63, pl. 9, fig. 82.

Holotype: NMNZ M.009083

Paratypes: MA72761, two specimens, collected by E.J. Batham on 16 August 1955, on board the MV *Alert*, from the type locality, from 549 m (300 fathoms) depth, Canyon C [Taiaroa Canyon], Otago, New Zealand.

Current name: *Pisinna rufoapicata* (Suter, 1908) – MolluscaBase (2023).

***Estea rugosa recens* Ponder, 1968**

Ponder, W.F., 1968b, p. 116, text fig. D.

Holotype: NMNZ M.021749

Paratype: MA72973, one specimen, collected by K. Hipkins, from the type locality, 59 m (32 fathoms) depth, off the Karikari Peninsula, Northland, New Zealand.

Current name: *Pisinna rugosa recens* (Ponder, 1968) – MolluscaBase (2023).

***Estea sculpturata* Dell, 1956**

Dell, R.K., 1956a, pp. 63, 64, pl. 9, fig. 81.

Holotype: NMNZ M.009088

Paratype: MA72790, one specimen, collected by E.J. Batham on 16 August 1955, on board the MV *Alert*, from the type locality, from 549 m (300 fathoms) depth, Canyon C [Taiaroa Canyon], Otago, New Zealand.

Current name: *Pisinna micronema micronema* (Suter, 1898) – Powell (1979: 102); MolluscaBase (2023).

***Estea semiplicata* Powell, 1927**

Powell, A.W.B., 1927b, p. 543, pl. 28, fig. 17.

Holotype: MA72059, collected by W. La Roche, from Taupo Bay, Northland, New Zealand.

Paratypes: MA71523, 18 specimens, from the type locality.

Current name: *Pisinna semiplicata* (Powell, 1927) – MolluscaBase (2023).

***Estea subrufa* Powell, 1937**

Powell, A.W.B., 1937b, p. 197, pl. 53, fig. 2.

Holotype: NHM 19621016

Paratypes: MA72264, 15 specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Pisinna subrufa* (Powell, 1937) – MolluscaBase (2023).

†*Haurakia mixta* Finlay, 1924

Finlay, H.J., 1924b, p. 482, fig. 1.

Holotype: Destroyed (see Remarks below).

Paratype: MA70351, one specimen, collected from the type locality, Early–Middle Pleistocene (Castlecliffian) at Castlecliff, Manawatū-Whanganui, New Zealand.

Remarks: A note in H.J. Finlay's hand with the paratype stated that he accidentally destroyed the holotype. At that stage he considered *Haurakia mixta* to be conspecific with *Estea* [*Pisinna*] *impressa* and so did not select a neotype.

Current name: *Pisinna impressa* (F.W. Hutton, 1885) – MolluscaBase (2023)

***Notoscrobs ornata* Powell, 1927**

Powell, A.W.B., 1927b, p. 548, pl. 28, fig. 19.

Holotype: MA72106, dredged by W. La Roche in 1924, from 9–11 m (5–6 fathoms) depth, off the entrance to

‘Mangonui Heads’ [Mangonui Harbour], Doubtless Bay, Northland, New Zealand.

Paratypes: MA71528, nine specimens, from the type locality.

Current name: *Amphithalamus (Notoscrobs) ornatus* (Powell, 1927) – MolluscaBase (2023).

***Rissoia agrestis* Webster, 1905**

Webster, W.H., 1905, p. 279, figs 10a, b.

Holotype: MA70672, collected from Takapuna Beach, Auckland, New Zealand.

Paratypes: MA71586, two specimens, from the type locality.

Current name: *Pisinna impressa* (F.W. Hutton, 1885) – Powell (1979: 101); MolluscaBase (2023).

***Rissoia zosterophila* Webster, 1905**

Webster, W.H., 1905, pp. 277, 278, figs 5a, b.

Lectotypification in Ponder, W.F., 1965d, pp. 132, 133, pl. 18, fig. 1 (lectotype).

Lectotype: MA70671, collected from Devonport, Auckland, New Zealand.

Paralectotype: MA73631, one specimen, from the type locality.

Current name: *Pisinna zosterophila* (Webster, 1905) – MolluscaBase (2023).

***Scrobs crassiconus* Powell, 1933**

Powell, A.W.B., 1933b, p. 196, pl. 16, fig. 4.

Holotype: MA72134, collected by A.W.B. Powell in January 1924, from 9–11 m (5–6 fathoms) depth, Tryphena Bay, Great Barrier Island, New Zealand.

Current name: *Pseudestea crassiconus* (Powell, 1933) – MolluscaBase (2023).

***Scrobs elongata* Powell, 1927**

Powell, A.W.B., 1927b, p. 547, pl. 28, fig. 14.

Holotype: MA72135, dredged by W. La Roche in 1922, from 22 m (12 fathoms) depth, off the entrance to Rangaunu Harbour, Rangaunu Bay, Northland, New Zealand.

Paratypes: MA71527, 14 specimens; MA71965, one specimen; all from the type locality.

Current name: *Anabathron (Scrobs) elongatum* (Powell, 1927) – MolluscaBase (2023).

***Scrobs excelsus* Powell, 1933**

Powell, A.W.B., 1933b, p. 196, pl. 16, fig. 5.

Holotype: MA70703, dredged by W. La Roche in 1922, from 22 m (12 fathoms) depth, Rangaunu Harbour, Rangaunu Bay, Northland, New Zealand.

Paratypes: MA71426, 11 specimens, from the type locality.

Current name: *Anabathron (Scrobs) excelsum* (Powell, 1933) – MolluscaBase (2023).

***Scrobs hedleyi angulata* Powell, 1927**

Powell, A.W.B., 1927b, p. 546, pl. 28, fig. 15.

Holotype: MA72136, dredged by W. La Roche, from 11–18 m (6–10 fathoms) depth, off the entrance to ‘Mangonui Heads’ [Mangonui Harbour], Doubtless Bay, Northland, New Zealand.

Paratypes: MA73213, 19 specimens, from the type locality.

Current name: *Anabathron (Scrobs) angulatum* (Powell, 1927) – MolluscaBase (2023).

† *Scrobs kaawaensis* Laws, 1936

Laws, C.R., 1936b, p. 107, pl. 16, fig. 62.

Holotype: MA70704, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Anabathron (Scrobs) kaawaensis* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 241) MolluscaBase (2023).

***Scrobs ovata* Powell, 1927**

Powell, A.W.B., 1927b, p. 546, pl. 28, fig. 20.

Holotype: MA72137, dredged by W. La Roche in 1922, from 22 m (12 fathoms) depth, Rangaunu Harbour, Rangaunu Bay, Northland, New Zealand.

Paratypes: MA71526, 17 specimens, from the type locality.

Current name: *Anabathron (Scrobs) ovatum* (Powell, 1927) – MolluscaBase (2023).

***Scrobs trailli* Powell, 1939**

Powell, A.W.B., 1939, pp. 233, 234, pl. 49, fig. 4.

Holotype: MA72138, collected from shell sand, Mason Bay, Stewart Island/Rakiura, New Zealand.

Current name: *Anabathron (Scrobs) trailli* (Powell, 1939) – MolluscaBase (2023).

***Scrobs (Nannoscores) rugulosa* Powell, 1930**

Powell, A.W.B., 1930b, pp. 542, 543, pl. 88, fig. 19.

Holotype: MA70705, dredged by A.W.B. Powell in 1924, from 9–11 m (5–6 fathoms) depth, Tryphena Bay, Great Barrier Island, New Zealand.

Paratypes: MA71459, 17 specimens, from the type locality.

Current name: *Anabathron (Scrobs) rugulosum* (Powell, 1930) – MolluscaBase (2023).

Family ASSIMINEIDAE***Rissoia vulgaris* Webster, 1905**

Webster, W.H., 1905, p. 278, fig. 3.

Syntypes: MA70670, two specimens, assumed to have been collected by W.H. Webster, from Waipipi, north of Waiuku, Manukau Harbour, Auckland, New Zealand.

Current name: *Angustassiminea vulgaris* (Webster, 1905) – MolluscaBase (2023).

***Tatea hedleyi* Brookes, 1924**

Brookes, A.E., 1924, pp. 153, 154, pl. 7, figs 1–3.

Holotype: Location of specimen unknown.

Paratypes: MA73004, 12 specimens, collected from the type locality, under decaying *Zostera*, near high-tide mark, Rangitoto Island, Auckland, New Zealand.

Remarks: Brookes (1924) stated that ‘Holotype and paratypes in my collection, and paratypes also in the collection of the Australian Museum, Sydney.’ As his own paratypes were donated to AM, it may be that the holotype specimen was mixed in with these.

Current name: *Angustassiminea vulgaris* (Webster, 1905) – Powell (1979: 125); MolluscaBase (2023).

Family CAECIDAE**† *Strebloceras hinemoa* Finlay, 1931**

Finlay, H.J., 1931b, pp. 21, 22, text fig. 1.

Syntypes: MA70730, two specimens, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Current name: *Strebloceras hinemoa* Finlay, 1931 – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

Family ELACHISINIDAE**† *Dolicrossea awamoana* Finlay, 1930**

Finlay, H.J., 1930b, pp. 55, 56, pl. 1, fig. 10.

Holotype: MA70241, collected from the early Miocene (Altonian), Mount Harris Formation, Awamo Creek, Oamaru, Otago, New Zealand.

Current name: *Dolicrossea awamoana* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

† *Dolicrossea clifdenensis* Finlay, 1930

Finlay, H.J., 1930b, p. 56, pl. 3, figs 25, 26.

Holotype: MA70242, collected from middle Miocene (Clifdenian) Slip Point Sandstone, [Finlay’s bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA72445, one specimen; MA72446, 12 specimens, both from the type locality.

Current name: *Dolicrossea clifdenensis* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

***Dolicrossea vesca* Finlay, 1926**

Finlay, H.J., 1926b, p. 403, pl. 19, fig. 32.

Holotype: MA70243, collected from Lyall Bay, Wellington, New Zealand.

Paratype: MA72530, two specimens, from the type locality.

Current name: *Dolicrossea vesca* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

***Laevitorina iredalei* Brookes, 1926**

Brookes, A.E. 1926, pp. 589, 590, pl. 102, fig. 3.

Holotype: MA71289, collected by A.E. Brookes, from under loose boulders, partly embedded in sand, near Russell, Northland, New Zealand.

Current name: *Elachisina iredalei* (Brookes, 1926) – MolluscaBase (2023).

Family IRAVADIIDAE***Dipsotoma inflata* Ponder, 1967**

Ponder, W.F., 1967, p. 211, pl. 9, fig. 1.

Holotype: MA72968, collected from Taupo Bay, Whangaroa, Northland, New Zealand.

Paratype: MA72969, one specimen, from the type locality.

Current name: *Pseudonoba inflata* (Ponder, 1967) – MolluscaBase (2023); MolluscaBase (2019).

†*Epigrus fossilis* Finlay, 1924

Finlay, H.J., 1924b, p. 489, fig. 10.

Holotype: MA70267, collected from the early Miocene (Altonian) of the Mount Harris Formation near Pukeuri (near Oamaru), Otago, New Zealand.

Current name: *Chevallieria fossilis* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

†*Nozeba candida* Finlay, 1924

Finlay, H.J., 1924b, pp. 490, 491, fig. 12.

Holotype: MA70548, collected from the early Miocene (Altonian) of the Mount Harris Formation near Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72509, 14 specimens, from the type locality.

Current name: *Nozeba candida* Finlay, 1924 – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

†*Nozeba candida effusa* Finlay, 1924

Finlay, H.J., 1924b, p. 491, not figured.

Syntypes: MA70549, **Plate 7a, b**, two specimens, collected from the early Miocene (Altonian) of the Mount Harris Formation near Pukeuri (near Oamaru), Otago, New Zealand.

Remarks: Finlay (1924b) designated a holotype and paratype specimen, but these were amalgamated at some time and are no longer distinguishable.

Current name: *Nozeba candida* Finlay, 1924 – Beu and Maxwell (1990: 382); MolluscaBase (2023).

***Nozeba mica* Finlay, 1930**

Finlay, H.J., 1930c, pp. 229, 230, not figured.

Holotype: MA70550, **Plate 7c**, collected from 46 m (25 fathoms) depth, off Hen and Chickens Islands, Northland, New Zealand.

Paratypes: MA72579, four specimens, from the type locality.

Current name: *Nozeba mica* Finlay, 1930 – MolluscaBase (2023).

***Rissoina coulthardi* Webster, 1908**

Webster, W.H., 1908, p. 258, pl. 21, figs 30–32.

Holotype: MA70674, dredged by the Rev. W.H. Webster, from 5.5 m (3 fathoms) depth, Orua Bay, Manukau Harbour, Auckland, New Zealand.

Paratypes: MA71966, five specimens, from the type locality.

Current name: *Nozeba emarginata* (F.W. Hutton, 1885) – Powell (1979: 110); MolluscaBase (2023).

Family TATEIDAE***Catapyrgus fraterculus* Haase, 2008**

Haase, M., 2008, pp. 136, 137, figs 8B, 11L, 11M.

Holotype: NMNZ M.174163

Paratypes: MA73047, six specimens, collected by G. Kuschel on 13 June 1973, from Wetneck Cave, north of Paturau, Tasman, New Zealand; MA73048, three specimens, collected by G. Kuschel on 12 June 1973, from Twinforks Cave, Paturau, Tasman, New Zealand.

Remarks: MA73047 is also a paratype lot of *Catapyrgus spelaesus* Climo, 1974. MA73048 originally contained six paratypes of *C. spelaesus* as allocated by Climo (1974). Three of these were retained by Haase (2008) as *C. spelaesus* while he designated three specimens as *C. fraterculus*. Haase (2008: 136) published these as ‘AK[MA]73048 (2 *C. spelaesus*, 3 *C. fraterculus* sp. nov. → AK[MA]73257)’. However, handwritten identification labels with each of the specimen lots indicate that the numbers were switched by Haase and that MA73048 is *C. fraterculus* and MA73257 is *C. spelaesus*.

Current name: *Catapyrgus fraterculus* Haase, 2008 – MolluscaBase (2023).

***Catapyrgus sororius* Haase, 2008**

Haase, M., 2008, pp. 137–139, figs 8C, 11N.

Holotype: NMNZ M.174165

Paratypes: MA73046, six specimens, collected by G. Kuschel on 26 June 1973, from Ida Cave, Ōpārara River valley, Karamea, Buller, West Coast, New Zealand.

Remarks: These are also paratypes of *C. spelaesus* Climo, 1974 (see Haase (2008: 137)).

Current name: *Catapyrgus sororius* Haase, 2008 (five specimens); *Catapyrgus spelaesus* Climo, 1974 (one specimen) – Haase (2008: 136, 137).

***Catapyrgus spelaesus* Climo, 1974**

Climo, F.M., 1974, pp. 267, 268, figs 10A–I, 14N, 15D.

Holotype: NMNZ M.032459

Paratypes: MA73046, six specimens, collected by G. Kuschel on 26 June 1973, from Ida Cave, Ōpārara River valley, Karamea, Buller, West Coast, New Zealand.

Current name: *Catapyrgus sororius* Haase, 2008 (five specimens); *Catapyrgus spelaesus* Climo, 1974 (one specimen) – Haase (2008: 136, 137).

Paratypes: MA73047, six specimens, collected by G. Kuschel on 13 June 1973, from Wetneck Cave, north of Paturau, Tasman, New Zealand; MA73048, three

specimens, collected by G. Kuschel on 12 June 1973, from Twinforks Cave, Paturau, Tasman, New Zealand.

Remarks: See remarks above for *Catapyrgus fraterculus*.

Current name: *Catapyrgus fraterculus* Haase, 2008 (MA73257) – Haase (2008: 136).

Paratypes: MA73049, six specimens, collected by G. Kuschel on 13 June 1973, from Bush Cave, Paturau, Tasman, New Zealand; MA73257, three specimens, collected by G. Kuschel on 12 June 1973, from Twinforks Cave, Paturau, Tasman, New Zealand.

Current name: *Catapyrgus spelaeus* Climo, 1974 – Haase (2008: 136).

***Hadopyrgus anops* Climo, 1974**

Climo, F.M., 1974, pp. 263, 264, figs 8A–M, 10J, 15C.

Holotype: NMNZ M.032540

Paratype: MA73034, one specimen, collected by G. Kuschel on 14 May 1972, from Eden's Bore No. 1, near Waimea West [Brightwater], Tasman, New Zealand; MA73055, one specimen, collected by G. Kuschel on 1 July 1972, from 'Livingston's Well', near Waimea West [Brightwater], Tasman, New Zealand.

Remarks: MA73034 has been destroyed by glass disease.

Current name: *Hadopyrgus anops* Climo, 1974 – MolluscaBase (2023).

***Hadopyrgus brevis* Climo, 1974**

Climo, F.M., 1974, pp. 265, 266, figs 9N–U, 10K, 15G.

Holotype: NMNZ M.032466

Paratype: MA73035, one specimen, collected by G. Kuschel on 30 December 1972, from 'Livingston's Well', near Waimea West [Brightwater], Tasman, New Zealand.

Current name: *Hadopyrgus brevis* Climo, 1974 – MolluscaBase (2023).

***Hadopyrgus expositus* Haase, 2008**

Haase, M., 2008, pp. 133, 134, figs 7Q, 11I.

Holotype: MA73256, collected by F.W. Worley in 1897, from 'Maitai Valley and Tasman Hills', Nelson, New Zealand.

Paratypes: MA96073, 61 specimens; MA96942, 222 specimens; all from the type localities.

Remarks: Paratype lot MA96073 was incorrectly published as MA69073 by Haase (2008: 134).

Current name: *Hadopyrgus expositus* Haase, 2008 – MolluscaBase (2023).

***Kuschelita mica* Climo, 1974**

Climo, F.M., 1974, p. 266, figs 4, 9C–M, 10L–N, 15E.

Holotype: NMNZ M.032467

Paratypes: MA73036 (8 July 1972); MA73037 (15 April 1972); MA73038 (9 June 1972); MA73039 (19 August 1972); MA73040 (6 February 1973); MA73041 (26 January 1973), all single specimens, collected from the type locality by G. Kuschel on the dates

indicated, from 'Livingston's Well', near Waimea West [Brightwater], Tasman, New Zealand.

Current name: *Kuschelita mica* Climo, 1974 – MolluscaBase (2023).

***Opacuincola caeca* Ponder, 1966**

Ponder, W.F., 1966c, pp. 35–37, pl. 4, figs 1–4.

Holotype: MA71338, collected by B. Elliott in August 1964, from approx. 1.6 km (1 mile) inside Gorge Creek Cave, East Takaka, Tasman, New Zealand.

Paratypes: MA51550, ten specimens, from the type locality.

Current name: *Opacuincola caeca* Ponder, 1966 – MolluscaBase (2023).

***Opacuincola kuscheli* Climo, 1974**

Climo, F.M., 1974, pp. 269, 270, figs 12A–F, 14E, 15F.

Holotype: NMNZ M.032451

Paratypes: MA73043, two specimens, collected by G. Kuschel on 12 June 1973, from Twin Forks Cave, Paturau, Tasman, New Zealand; MA73044, two specimens, collected by G. Kuschel, 13 June 1973, from Wetneck Cave, north of Paturau, Tasman, New Zealand.

Current name: *Opacuincola kuscheli* Climo, 1974 – Haase (2008: 118).

Paratypes: MA73045, five specimens, collected by G. Kuschel on 26 Jun 1973, from Ida Cave, Ōpārara River valley, Karamea, Buller, West Coast, New Zealand.

Current name: *Opacuincola piriformis* Haase, 2008 – Haase (2008: 118).

Paratypes: MA73254, two specimens split from MA73044, collected by G. Kuschel, 13 June 1973, from Wetneck Cave, north of Paturau, Tasman, New Zealand.

Current name: *Opacuincola cervicemadentes* Haase, 2008 – Haase (2008: 118).

Paratypes: MA73255, three specimens split from MA73045, collected by G. Kuschel on 26 June 1973, from Ida Cave, Ōpārara River valley, Karamea, Buller, West Coast, New Zealand.

Current name: *Opacuincola conosimilis* Haase, 2008 – Haase (2008: 118).

***Opacuincola troglodytes* Climo, 1974**

Climo, F.M., 1974, p. 269, figs 12G, H.

Holotype: NMNZ M.032446

Paratypes: MA73042, five specimens, collected by Mr Taylor in 1971, from the type locality, soda spring, off Wairoma Road, Aria, King Country, New Zealand.

Remarks: Climo (1974) gives the source as N.W. Gardner, but he was not the collector. Gardner (1973) credits 'Mr Taylor, from Whangamata', as the collector of material in 1970. The type locality is given by NMNZ as Motukaramu Soda Spring (see also MapsPast 1929 series).

Current name: *Potamopyrgus troglodytes* (Climo, 1974) – MolluscaBase (2023).

***Paxillostium nanum* N.W. Gardner, 1970**

Gardner, N.W., 1970, pp. 181–184, figs 1–6.

Holotype: MA71336, collected by N.W. Gardner in January 1969, from seepage at the head of a bush stream, at c. 183 m (600 feet) elevation, 8 km (5 miles) south of Parakao, Northland, New Zealand.

Paratypes: MA71810, four specimens, from the type locality.

Current name: *Paxillostium nanum* N.W. Gardner, 1970 – MolluscaBase (2023).

***Potamopyrgus cresswelli* Climo, 1974**

Climo, F.M., 1974, pp. 260, 261, figs 7A–C, 14F, 14G, 15B.

Holotype: NMNZ M.032562

Paratypes: MA73032, ten specimens, collected by P. Cresswell on 18 January 1970, from the type locality, from a small seepage in coastal forest at head of streamlet entering western end of Golden Bay, northern coast, Stewart Island/Rakiura, New Zealand.

Current name: *Rakiurapyrgus cresswelli* (Climo, 1974) – MolluscaBase (2023).

***Potamopyrgus dawbini* Powell, 1955**

Powell, A.W.B., 1955, p. 90, pl. 3, fig. 28.

Holotype: MA71225, collected by W.H. Dawbin on March 1943, during the ‘Cape Expedition’, Coleridge Tarn, Auckland Islands, New Zealand.

Paratypes: MA71612, 13 specimens, from the type locality.

Current name: *Potamopyrgus dawbini* Powell, 1955 – MolluscaBase (2023).

***Potamopyrgus manningi* Climo 1974**

Climo, F.M., 1974, pp. 261, 262, figs 7D–N, 14I–M.

Holotype: NMNZ M.032438

Paratypes: MA73033, three specimens, collected by G. Mannering in September 1971, from the type locality, from a dripping wet mossy bank, ‘Mannering’s farm’, Waikaretu, Waikato, New Zealand.

Current name: *Leptopyrgus manningi* (Climo, 1974) – MolluscaBase (2023).

***Rakiurapyrgus micula* Haase, 2008**

Haase, M., 2008, pp. 153, 154, fig. 8N.

Holotype: MA48942, collected by E.C. Smith, from moss under waterfall, North Arm, Stewart Island/Rakiura, New Zealand.

Current name: *Rakiurapyrgus micula* Haase, 2008 – MolluscaBase (2023).

Family TORNIDAE***Cochliolepis albiceratus* Ponder, 1966**

Ponder, W.F., 1966c, p. 38, pl. 5, figs 5–8.

Holotype: MA71339, collected by W.F. Ponder on 24 December 1961, under stones in a mid-tidal pool containing *Hormosira*, halfway between Pukerua

Bay and Paekakariki, Kapiti Coast, Wellington, New Zealand.

Current name: *Cochliolepis albicerata* Ponder, 1966 – MolluscaBase (2023).

***Fossarus aupouria* Powell, 1937**

Powell, A.W.B., 1937b, p. 190, pl. 49, figs 8, 9.

Holotype: NHM 1962992

Paratypes: MA72283, four specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Tornus aupouria* (Powell, 1937) – Powell (1979: 121); MolluscaBase (2023).

***Fossarus maoria* Powell, 1937**

Powell, A.W.B., 1937b, pp. 189, 190, pl. 49, fig. 12.

Holotype: NHM 1962993

Paratype: MA72284, one specimen, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Tornus maoria* (Powell, 1937) – Powell (1979: 120); MolluscaBase (2023).

Family VITRINELLIDAE**†*Elachorbis albolapis* Laws, 1930**

Laws, C.R., 1930, pp. 549, 550, pl. 91, figs 10, 11.

Holotype: MA70255, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at White Rock River, south Canterbury, New Zealand.

Current name: *Circulus albolapis* (Laws, 1930) – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

***Elachorbis diaphana* Finlay, 1924**

Finlay, H.J., 1924d, p. 518, text fig. 1.

Holotype: MA70256, collected from oyster scrapings, Bluff, Southland, New Zealand.

Current name: *Circulus diaphanus* (Finlay, 1924) – MolluscaBase (2023).

†*Elachorbis subedomita* Laws, 1936

Laws, C.R., 1936b, p. 103, pl. 15, figs 52, 55.

Holotype: MA70257, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratypes: MA72695, four specimens, from the type locality.

Current name: *Circulus subedomitus* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

Superfamily VANIKOROIDEA

Family VANIKORIDAE

Naricava (Tropidorbis) neozelanica Powell, 1940

Powell, A.W.B., 1940, pp. 223, 224, pl. 29, figs 10, 11.

Holotype: MA72104, collected by A.W.B. Powell in 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Current name: *Naricava neozelanica* Powell, 1940 – MolluscaBase (2023).

Zeradina odhneri Powell, 1927

Powell, A.W.B., 1927e, p. 297, pl. 34, fig. 1.

Holotype: MA72177, dredged by D. Crawford of the ST *Serfib* in July 1925, from 42 m (23 fathoms) depth, Ahipara Bay, Northland, New Zealand.

Paratypes: MA71416, five specimens, from the type locality.

Current name: *Zeradina odhneri* Powell, 1927 – MolluscaBase (2023).

Zeradina (Radinista) scalarina Powell, 1940

Powell, A.W.B., 1940, p. 229, pl. 31, fig. 9.

Holotype: MA72178, dredged by J. Bollons, from 91 m (50 fathoms) depth, between Piwhane/Spirits Bay and Manawatāwhi/Three Kings Islands, New Zealand.

Paratype: MA73604, one specimen, from the type locality.

Current name: *Radinista scalarina* (Powell, 1940) – MolluscaBase (2023).

Family EULIMIDAE

Aclis maoria Powell, 1937

Powell, A.W.B., 1937b, p. 209, pl. 56, fig. 12.

Holotype: NHM 19621047

Paratype: MA72287, one specimen, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Aclis maoria* Powell, 1937 – MolluscaBase (2023).

Aclis pseudopareora Powell, 1940

Powell, A.W.B., 1940, p. 236, pl. 31, fig. 6.

Holotype: MA70005, dredged by W. La Roche, from 11 m (6 fathoms) depth, off the entrance to 'Mangonui Heads' [Mangonui Harbour], Doubtless Bay, Northland, New Zealand.

Current name: *Aclis pseudopareora* Powell, 1940 – MolluscaBase (2023).

Awanuia dilatata Powell, 1927

Powell, A.W.B., 1927b, p. 539, pl. 26, fig. 3.

Holotype: MA72014, dredged by W. La Roche, from

11–18 m (6–10 fathoms) depth, off the entrance to 'Mangonui Heads' [Mangonui Harbour], Doubtless Bay, Northland, New Zealand.

Paratypes: MA71518, two specimens, from the type locality.

Current name: *Awanuia dilatata* Powell, 1927 – MolluscaBase (2023).

Awanuia porcellana Ponder, 1967

Ponder, W.F., 1967, pp. 201, 202, pl. 2, fig. 3.

Holotype: MA72965, collected by W. F. Ponder, from shell sand, Te Hāwere-a-Maki/Goat Island Bay, Leigh, Auckland, New Zealand.

Current name: *Awanuia porcellana* Ponder, 1967 – MolluscaBase (2023).

† *Awanuia tenuis* Laws, 1936

Laws, C.R., 1936b, p. 107, pl. 15, fig. 31.

Holotype: MA70086, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratype: MA72716, one specimen, from the type locality.

Current name: *Awanuia tenuis* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2023).

Balcis aupouria Powell, 1937

Powell, A.W.B., 1937b, p. 211, pl. 54, fig. 10.

Holotype: NHM 19621052

Paratypes: MA72292, three specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Curveulima aupouria* (Powell, 1937) – Powell (1979: 141); MolluscaBase (2023).

Balcis bollonsi Powell, 1937

Powell, A.W.B., 1937b, p. 211, pl. 54, figs 11, 12.

Holotype: MA71919, dredged by J. Bollons, from 137 m (75 fathoms) depth, north of North Cape, Northland, New Zealand.

Current name: *Curveulima bollonsi* (Powell, 1937) – Powell (1979: 141); MolluscaBase (2023).

† *Balcis geoffreyi* Laws, 1936

Laws, C.R., 1936b, p. 112, pl. 16, fig. 67.

Holotype: MA70091, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratypes: MA72700, 18 specimens, from the type locality.

Current name: *Melanella geoffreyi* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

***Balcis maoria* Powell, 1940**

Powell, A.W.B., 1940, p. 234, pl. 31, fig. 2.

Holotype: MA70092, collected from beach drift, Cape Maria van Diemen, Northland, New Zealand.

Current name: *Melanella maoria* (Powell, 1940) – MolluscaBase (2023).

***Balcis pervegrandis* Powell, 1940**

Powell, A.W.B., 1940, pp. 233, 234, pl. 31, fig. 1.

Holotype: MA72015, dredged by D. Crawford of the ST *Serfib* in July 1925, from 42 m (23 fathoms) depth, Ahipara Bay, Northland, New Zealand.

Paratypes: MA71571, three specimens, from the type locality.

Remarks: Specimen labels give the collecting date as July 1925, as does Powell's description (1940: 233). However, on p. 218 (Powell 1940) he appears to list the source of material from station D.29 as himself as '(A.W.B.P., 1927)'. Regardless, the date and locality indicate that the specimens came from the material collected by D. Crawford and that the (A.W.B.P., 1927) mistakenly refers to his earlier publication (Powell 1927e) on the Ahipara material.

Current name: *Hypermastus bulbulus* (Murdoch & Suter, 1906) – Powell (1979: 141); MolluscaBase (2023).

***'Balcis' puhana* Dell, 1956**

Dell, R.K., 1956a, p. 81, pl. 10, fig. 93.

Holotype: NMNZ M.009683

Paratype: MA72745, one specimen, collected by E.J. Batham on 16 August 1955, on board the MV *Alert*, from 549 m (300 fathoms) depth, Canyon C [Taiaroa Canyon], off Otago Peninsula, New Zealand.

Current name: *Melanella puhana* (Dell, 1956) – MolluscaBase (2023).

***Chileutomia neozelanica* Powell, 1940**

Powell, A.W.B., 1940, p. 235, pl. 31, fig. 5.

Holotype: MA72047, dredged by J. Bollons, from 91 m (50 fathoms) depth, between Piwhane/Spirits Bay and Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Chileutomia neozelanica* Powell, 1940 – MolluscaBase (2023).

***Coenaculum secundum* Powell, 1937**

Powell, A.W.B., 1937b, pp. 198, 199, pl. 52, fig. 13.

Holotype: NHM 19621018

Paratypes: MA72254, three specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Coenaculum secundum* Powell, 1937 – MolluscaBase (2023).

***Eulima archeyi* Finlay, 1928**

Finlay, H.J., 1928, p. 261, not figured.

Holotype: MA70288, **Plate 7d**, presumed to have been collected in early 1924 by a member of the Otago Institute Expedition, Chatham Islands, New Zealand.

Paratype: MA72562, one specimen, from the type locality.

Remarks: See *Lasaea rossiana vexata* Finlay, 1928 (MA70389) for further comments on provenance.

Current name: *Melanella archeyi* (Finlay, 1928) – MolluscaBase (2023).

†*Eulima hampdenensis* Laws, 1935

Laws, C.R., 1935b, p. 25, pl. 4, fig. 5.

Holotype: MA70289, collected from the middle Eocene (Bortonian) Hampden Formation, near Kakaho Creek, Hampden Beach, Otago, New Zealand.

Paratype: MA72673, one specimen, from the type locality.

Current name: *Eulima hampdenensis* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

***Eulima mangonuica* Powell, 1940**

Powell, A.W.B., 1940, pp. 235, 236, pl. 31, figs 3, 4.

Holotype: MA70290, dredged by W. La Roche, from 11 m (6 fathoms) depth, off the entrance to 'Mangonui Heads' [Mangonui Harbour], Doubtless Bay, Northland, New Zealand.

Paratypes: MA73185, 20 specimens, from the type locality.

Current name: *Fusceulima mangonuica* (Powell, 1940) – Powell (1979: 138, 139); MolluscaBase (2023).

†*Eulima otaioensis* Laws, 1933

Laws, C.R., 1933, p. 323, pl. 32, fig. 25.

Holotype: MA70291, collected by C.R. Laws from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Margineulima otaioensis* (Laws, 1933) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

†*Eulima waihaoensis* R.S. Allan, 1926

Allan, R.S., 1926a, p. 339, pl. 76, fig. 3.

Holotype: NMNZ M.001781

Paratype: MA73664, four specimens, collected by H.S. Cox in 1924, from the type locality, middle Eocene (Kaiatan) Waihao Greensand at McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Current name: *Margineulima waihaoensis* (R.S. Allan, 1926) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

***Hypermastus bountyensis* Powell, 1933**

Powell, A.W.B., 1933d, pp. 235, 236, pl. 20, fig. 5.

Holotype: MA72069, dredged by J. Fairchild in 1893,

from 311 m (170 fathoms) depth, off Bounty Islands, New Zealand.

Current name: *Pelseneeria bountyensis* (Powell, 1933) – MolluscaBase (2023).

***Icuncula terebra* Powell, 1930**

Powell, A.W.B., 1930a, p. 538, pl. 60, fig. 8.

Holotype: MA72070, dredged by J. Bollons, from 110 m (60 fathoms) depth, off Poor Knights Islands, Northland, New Zealand.

Current name: *Aclis terebra* (Powell, 1930) – MolluscaBase (2023).

† ***Melanella lautoides* Finlay & Marwick, 1937**

Finlay, H.J. and J. Marwick, 1937, p. 66, pl. 5, fig. 11.

Holotype: MA73344, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Melanella lautoides* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

***Rissopsis expansa* Powell, 1930**

Powell, A.W.B., 1930b, p. 544, pl. 88, figs 20, 21.

Holotype: MA72129, dredged by W. La Roche in 1922, from 11–18 m (6–10 fathoms) depth, off the entrance to ‘Mangonui Heads’ [Mangonui Harbour], Doubtless Bay, Northland, New Zealand.

Paratype: MA71460, one specimen, from the type locality.

Current name: *Aclis expansa* (Powell, 1930) – MolluscaBase (2023).

***Scalaronoba secunda* Powell, 1940**

Powell, A.W.B., 1940, p. 227, pl. 30, fig. 10.

Holotype: MA72131, dredged by J. Bollons, from 134 m (73 fathoms) depth, north of North Cape, Northland, New Zealand.

Current name: *Scalaronoba secunda* Powell, 1940 – MolluscaBase (2023).

***Teretianax pagoda* Powell, 1926**

Powell, A.W.B., 1926b, p. 596, fig. 3.

Holotype: MA72150, collected by A.W.B. Powell in January 1924, from shell sand, Tryphena Bay, Great Barrier Island, New Zealand.

Current name: *Teretianax pagoda* Powell, 1926 – MolluscaBase (2023).

***Venustilifer secunda* Powell, 1940**

Powell, A.W.B., 1940, p. 235, pl. 29, fig. 6.

Holotype: MA72163, dredged from 256 m (140 fathoms) depth, off Manawatāwhi/Three Kings, Northland, New Zealand.

Current name: *Pelseneeria secunda* (Powell, 1940) – MolluscaBase (2023).

Taxa of uncertain position

Superfamily CALYPTRAEOIDEA

Family CALYPTRAEIDAE

† ***Maoricrypta salebrosa* Marwick, 1929**

Marwick, J., 1929, p. 918, figs 50, 51.

Holotype: NMNZ M.001632

Paratype: MA72934, four specimens, collected from the type locality, late Oligocene (Duntroonian) Chatton Formation, Shell Gully, Chatton, Southland, New Zealand.

Current name: *Grandicrepidula salebrosa* (Marwick, 1929) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

***Maoricrypta youngi* Powell, 1940**

Powell, A.W.B., 1940, pp. 232, 233, pl. 33, figs 12, 13.

Holotype: MA70437, collected by F. Young, from beach drift, Cape Maria van Diemen, Northland, New Zealand.

Paratype: MA71570, one specimen, from the type locality.

Current name: *Maoricrypta youngi* Powell, 1940 – MolluscaBase (2023).

† ***Sigapatella patulosa* Powell & Bartrum, 1929**

Powell, A.W.B. and J.A. Bartrum, 1929, p. 422, pl. 40, fig. 43.

Holotype: MA72141, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Current name: *Sigapatella patulosa* Powell & Bartrum, 1929 – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† ***Spirogalerus lamellaria* Finlay & Marwick, 1937**

Finlay, H.J. and J. Marwick, 1937, p. 46, pl. 7, figs 1–4.

Holotype: MA70721, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Paratypes: MA72860, four specimens, from the type locality.

Current name: *Sigapatella lamellaria* (Finlay & Marwick, 1937) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

***Trochita georgiana* Powell, 1951**

Powell, A.W.B., 1951c, pp. 127, 128, pl. 7, fig. 22.

Holotype: NHM 1961469

Paratypes: MA71933, four specimens, collected on 7 February 1927, from the type locality, station 160, Discovery Investigations, in 127 m depth, near Shag Rocks, west of South Georgia, British Overseas Territory.

Current name: *Trochita pileolus* (d’Orbigny, 1841) – MolluscaBase (2023).

† *Zegalerus peramplus* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, p. 422, pl. 40, fig. 45.

Holotype: MA72174, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Current name: *Sigapatella perampla* (Powell & Bartrum, 1929) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

Zegalerus tumens Finlay, 1930

Finlay, H.J., 1930c, p. 231, not figured.

Holotype: MA70871, collected from Cape Maria van Diemen, Northland, New Zealand.

Current name: *Sigapatella terraenovae* Peile, 1924 – Powell (1979: 149); MolluscaBase (2023).

Superfamily CYPRAEOIDEA

Family CYPRAEIDAE

† *Bernaya chathamensis* Cernohorsky, 1971

Cernohorsky, W.O., 1971a, pp. 117, 118, fig. 13.

Holotype: MA71325, collected by A. Watherspoon [Wotherspoon], from Palaeocene (Teurian) Red Bluff Tuff, Flower Pot Harbour, Pitt Island, Chatham Islands, New Zealand.

Current name: *Zoila chathamensis* (Cernohorsky, 1971) – Darragh (2011: 5); MolluscaBase (2023).

Cypraea mauiensis Burgess, 1967

Burgess, C.M., 1967, pp. 6–8, pl. 2.

Holotype: BPBM B.M. 8916

Paratype: MA71590, one specimen, collected by C.M. Burgess in September 1963, from the type locality, a shallow reef, Olowalu, Maui, Hawaii, United States of America.

Remarks: Paratypes were deposited at a wide range of institutions, including AM (Burgess 1967: 8).

Current name: *Pustularia mauiensis* (Burgess, 1967) – MolluscaBase (2023).

† *Notoluponia (Notadusta) clifdenensis* Cernohorsky, 1971

Cernohorsky, W.O., 1971a, p. 123, figs 17, 18.

Holotype: MA71324, collected from the early Miocene (Altonian) Long Beach Shellbed, [Finlay’s bed 6B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA71593, one specimen, from the type locality.

Current name: *Notadusta clifdenensis* (Cernohorsky, 1971) – Beu and Raine (2009); MolluscaBase (2023).

Family EOCYPRAEIDAE

† *Willungia maoria* Powell, 1938

Powell, A.W.B., 1938a, pp. 371, 372, pl. 39, figs 8, 9.

Holotype: MA70849, collected from early Miocene (Altonian) Fouraye Siltstone, [Finlay’s bed 4B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Willungia maoria* Powell, 1938 – Beu and Raine (2009); MolluscaBase (2023).

† *Willungia tasmanica* Powell, 1938

Powell, A.W.B., 1938a, pp. 370, 371, pl. 39, fig. 4.

Holotype: MA70850, collected from early Miocene (Longfordian) Fossil Bluff Sandstone at Fossil Bluff near Wynyard, Tasmania, Australia.

Paratype: MA73023, one specimen, from the type locality.

Current name: *Willungia tasmanica* Powell, 1938 – Darragh (1970: 199); MolluscaBase (2023).

Family ERATOIDAE

† *Erato accola* Laws, 1935

Laws, C.R., 1935a, pp. 18, 19, pl. 1, fig. 1.

Holotype: MA70268, assumed to have been collected by C.R. Laws, from middle Eocene (Kaiatan) Waihao Greensand at McCulloch’s Bridge, Waihao, Canterbury, New Zealand.

Current name: *Archierato accola* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Erato clifdenensis* Laws, 1935

Laws, C.R., 1935a, p. 20, pl. 1, fig. 3.

Holotype: MA70269, collected from middle Miocene (Lillburnian) Lill Sand, [Finlay’s bed 7A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Erato clifdenensis* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Erato pukeuriensis* Laws, 1935

Laws, C.R., 1935a, p. 21, pl. 1, fig. 6.

Holotype: MA70270, assumed to have been collected by C.R. Laws, from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Current name: *Bellerato pukeuriensis* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Erato sepositum* Laws, 1935

Laws, C.R., 1935a, p. 22, pl. 1, fig. 8.

Holotype: MA70271, assumed to have been collected by C.R. Laws, from middle Eocene (Kaiatan) Waihao Greensand at McCulloch’s Bridge, Waihao, Canterbury, New Zealand.

Current name: *Bellerato sepositum* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Erato submorosa* Laws, 1935

Laws, C.R., 1935a, p. 20, pl. 1, fig. 4.

Holotype: MA70272, assumed to have been collected by C.R. Laws, from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72668, two specimens, from the type locality.

Remarks: The holotype specimen has partially disintegrated.

Current name: *Erato submorosa* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Erato tenuilabrum* Laws, 1935

Laws, C.R., 1935a, p. 21, pl. 1, fig. 5.

Holotype: MA70273, assumed to have been collected by C.R. Laws, from middle Miocene (Clifdenian) Slip Point Sandstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA72669, nine specimens, from the type locality.

Current name: *Bellerato tenuilabrum* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Erato waiuensis* Laws, 1935

Laws, C.R., 1935a, p. 22, pl. 1, fig. 7.

Holotype: MA70274, assumed to have been collected by C.R. Laws, from middle Miocene (Clifdenian) Slip Point Sandstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Proterato waiuensis* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

† *Erato waitakiensis* Laws, 1935

Laws, C.R., 1935a, p. 20, pl. 1, fig. 2.

Holotype: MA70275, assumed to have been collected by C.R. Laws, from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Current name: *Erato waitakiensis* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 243).

Family OVULIDAE

Primovula eilatensis Cernohorsky, 1972

Cernohorsky, W.O., 1972, pp. 202, 203, figs 14, 15.

Holotype: MA71340, collected by L. Fishelson, from 15 m depth, Eilat, Gulf of Aqaba, Israel.

Remarks: According to Cernohorsky (1972: 202) the holotype (TAU NS-8899) and a juvenile paratype were

kept at the Department of Zoology, University of Tel Aviv, Israel. As reported by Cernohorsky (1972), a second paratype was lodged with AM, but none has been located there. However, the original labels with MA71340, the measurements of length 11.2 mm and width 3.3 mm, and a comparison with fig. 14 (holotype) and fig. 15 (paratype) (Cernohorsky, 1972: 203) indicate that this is the holotype specimen, which may have been lodged with AM in error instead of the larger of the two paratypes.

Current name: *Primovula eilatensis* Cernohorsky, 1972 – MolluscaBase (2023).

Family PEDICULARIIDAE

Pedicularia maoria Powell, 1937

Powell, A.W.B., 1937b, p. 208, pl. 54, figs 13, 14.

Holotype: NHM 19621045

Paratypes: MA71918, three specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Pedicularia pacifica*, Pease, 1865 – Powell (1979: 153); MolluscaBase (2023).

Family TRIVIIDAE

Triviella memorata Finlay, 1926

Finlay, H.J., 1926b, p. 396, pl. 21, fig. 73.

Holotype: MA70775, collected from Ahipara Bay, Northland, New Zealand.

Paratypes: MA72529, five specimens, from the type locality.

Current name: *Ellatrivia merces* (Iredale, 1924) – Powell (1979: 152); MolluscaBase (2023).

Family VELUTINIDAE

Lamellaria koto Schwengel, 1944

Schwengel, J.S., 1944, pp. 17, 18, pl. 1, figs 3–6, 6a.

Syntypes: AMNH 275633 (two specimens).

Syntype: MA73234, one specimen, collected by A. Koto between 11 January and 23 February 1944, from eel grass, Bradenton Beach, Florida, United States of America.

Current name: *Lamellaria koto* Schwengel, 1944 – MolluscaBase (2023).

Mysticoncha harrisonae Powell, 1946

Powell, A.W.B., 1946b, p. 144, pl. 11, fig. 6.

Holotype: MA72188, collected by R.H. Harrison, Lowrys Beach, The Neck, Stewart Island/Rakiura, New Zealand.

Current name: *Mysticoncha harrisonae* Powell, 1946 – MolluscaBase (2023).

Superfamily STROMBOIDEA

Family STROMBIDAE

Euprotomus kiwi Bozetti & Sargent, 2011

Bozetti, L. and D.M. Sargent, 2011, pp. 23–27, pl. 1, fig. 1.

Holotype: MA73377, collected from Raoul Island, Rangitāhua/Kermadec Islands, New Zealand.

Paratype: MA73378, one specimen, collected by F.J. Brook in June 1991, from 15 m depth, on gravel, west side of Meyer Island, Rangitāhua/Kermadec Islands, New Zealand.

Current name: *Euprotomus vomer* (Röding, 1798) – MolluscaBase (2023).

Strombus (Dolomena) kleckhamae Cernohorsky, 1971

Cernohorsky, W.O., 1971b, pp. 131–133, figs 1–3.

Holotype: MA71326, collected from pumice bank, 3 m (10 ft) above sea level, Simpson Harbour, west side of Matupi Island, Rabaul, Papua New Guinea.

Paratypes: MA71591, one specimen, from the type locality; MA71592, one specimen, collected by A. Kuster, from Rabaul, Papua New Guinea.

Current name: *Barneystrombus kleckhamae* (Cernohorsky, 1971) – MolluscaBase (2023).

Family APORRHAIIDAE

†*Drepanochilus (Tulochilus) bensoni* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 63, pl. 8, figs 3, 4.

Holotype: MA70253, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Drepanochilus (Tulochilus) bensoni* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

Family STRUTHIOLARIIDAE

†*Conchothyra expedita* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 65, pl. 8, figs 1, 2.

Holotype: MA70196, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Conchothyra australis* (P. Marshall, 1916) – Beu and Raine (2009); MolluscaBase (2023).

†*Pellicaria marwicki* Finlay, 1931

Finlay, H.J., 1931a, pp. 17, 18, not figured.

Holotype: MA70613, **Plate 6i, j**, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Paratypes: MA72595, six specimens, from the type locality.

Remarks: See *Notocallista (Striacallista) mollesta*

Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Tylospira marwicki* (Finlay, 1931) – Darragh (1991: 162 ff.); MolluscaBase (2023).

†*Struthiolaria calcar* F. W. Hutton, 1886

Hutton, F.W., 1886, p. 335, not figured.

Neotypification in Marwick, J., 1924a, p. 176, pl. 11, fig. 11 (neotype), figs 8, 13 (Hutton's plastotype).

Neotype: MA70735, **Plate 6k, l**, collected from the early Miocene (Altonian) of the Mount Harris Formation near Ardgowan, NW of Oamaru, Otago, New Zealand.

Current name: *Struthiolaria calcar* F.W. Hutton, 1886 – Beu and Raine (2009); MolluscaBase (2023).

†*Struthiolaria firthi* Marwick, 1948

Marwick, J., 1948, p. 29, pl. 6, figs 2, 3.

Holotype: GNS TM 1260

Paratype: MA30020, one specimen, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitemata Brewery well, Ōtāhuhu, Auckland, New Zealand.

Current name: *Struthiolaria firthi* Marwick, 1948 – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

†*Struthiolaria lawsi* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 421, 422, pl. 35, figs 9–11.

Holotype: MA72146, collected from the early Miocene (Otaian) Tipakuri Formation of 'Double U Bay', approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratypes: MA71700, one specimen; MA71701, two specimens; all from the type locality.

Current name: *Struthiolaria lawsi* Powell & Bartrum, 1929 – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

†*Struthiolaria prior* Finlay, 1926

Finlay, H.J., 1926a, p. 228, pl. 56, fig. 17.

Holotype: MA70738, collected from the late Oligocene (Duntroonian) Chatton Formation, Waikaia, Southland, New Zealand.

Paratype: MA71657, one specimen, from the type locality.

Remarks: Beu and Raine (2009) consider that 'the status of *S. prior* is uncertain, but it seems probable that it is not worth separating from *S. calcar* (= *S. subspinosus*). Finlay (1926a, p. 228) separated it from *S. calcar* on the basis of its lower-placed shoulder angulation, its finer spiral sculpture and its more coarsely nodulose peribasal angulation, but these alleged differences do not seem to be constant.'

Current name: *Struthiolaria* cf. '*prior* Finlay, 1926' – Beu and Raine (2009); MolluscaBase (2023).

† *Struthiolaria (Callusaria) otaioica* Laws, 1935

Laws, C.R., 1935c, pp. 41, 42, pl. 7, fig. 27.

Holotype: MA70737, collected from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Paratype: MA72685, one specimen, from the type locality.

Current name: *Struthiolaria (Callusaria) otaioica* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 242); MolluscaBase (2023).

† *Struthiolaria (Pellicaria) incrassata* Powell, 1931

Powell, A.W.B., 1931a, pp. 101, 102, pl. 13, figs 30–33.

Holotype: MA70736, collected by A.W.B. Powell in January 1931, from the late Pliocene (Waipipian) Tangahoe Formation, on the coast near the mouth of Waihi Stream, Hawera, Taranaki, New Zealand.

Paratypes: MA71641, two specimens, collected in January 1927 from the type locality.

Current name: *Struthiolaria incrassata* Powell, 1931 – Beu and Raine (2009); MolluscaBase (2023).

Superfamily TONNOIDEA

Family TONNIDAE

Tonna maoria Powell, 1938

Powell, A.W.B., 1938d, pp. 166, 167, pl. 40, figs 5, 6.

Holotype: MA72153, collected from Houhora Heads, Northland, New Zealand.

Current name: *Tonna cumingii* (Reeve, 1849) – Powell (1979: 161); MolluscaBase (2023).

Family CASSIDAE

† *Euspinacassis emilyae* Laws, 1932

Laws, C.R., 1932, pp. 189, 190, pl. 28, figs 14, 15.

Holotype: MA70303, collected from the early Miocene (Altonian) of the Mount Harris Formation near Ardgowan, NW of Oamaru, Otago, New Zealand.

Current name: *Echinophoria emilyae* (Laws, 1932) – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2023).

† *Euspinacassis multinodosa* Powell, 1928

Powell, A.W.B., 1928c, pp. 634, 635, pl. 76, figs 30, 31.

Holotype: MA72061, collected from large fallen blocks of early Miocene (Altonian) Nihotupu Formation, southern end of Maukatia Bay, south of Muriwai Beach, west Auckland, New Zealand.

Paratype: MA71418, one specimen, from the type locality.

Current name: *Echinophoria toreuma* (Powell, 1928) – Beu and Raine (2009); MolluscaBase (2023).

† *Euspinacassis oneroaensis* Powell, 1938

Powell, A.W.B., 1938a, p. 374, pl. 39, figs 10, 11.

Holotype: MA72062, collected from the early Miocene

(Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratype: MA71714, one specimen, from the type locality.

Current name: *Echinophoria oneroaensis* (Powell, 1938) – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2023).

† *Euspinacassis pollens* Finlay, 1926

Finlay, H.J., 1926a, p. 230, pl. 55, figs 10–12.

Holotype: MA70304, collected from early Miocene (Altonian) Calamity Point Sandstone, [Finlay’s bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA71659, four specimens, from the type locality.

Current name: *Echinophoria pollens* (Finlay, 1926) – Beu and Raine (2009); MolluscaBase (2023).

† *Taieria allani* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 68, pl. 9, figs 17, 19, 20.

Holotype: MA70751, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Galeodea allani* (Finlay & Marwick, 1937) – Beu and Raine (2009); MolluscaBase (2023).

Xenogalea collactea Finlay, 1928

Finlay, H.J., 1928, pp. 246, 247, not figured.

Holotype: MA70851, collected off Opotiki, Bay of Plenty, New Zealand.

Paratype: MA72554, one specimen, from the type locality.

Current name: *Semicassis labiata* (Perry, 1811) – Powell (1979: 159); MolluscaBase (2023).

Xenogalea finlayi Iredale, 1927

Iredale, T., 1927, p. 342, figured in Finlay, 1924c, p. 525, pl. 52, figs 3a–c.

Holotype: MA70852, trawled from 37 m (20 fathoms) depth, between Otago Heads [Taiaroa Head] and Waikouaiti, Otago, New Zealand.

Paratypes: MA73642, two specimens, from the type locality.

Current name: *Semicassis pyrum* (Lamarck, 1822) – Powell (1979: 160); MolluscaBase (2023).

Xenogalea powelli Finlay, 1928

Finlay, H.J., 1928, p. 247, not figured.

Holotype: MA70853, collected by A.W.B. Powell, from 73–91 m (40–50 fathoms) depth, off Whakatane, Bay of Plenty, New Zealand.

Current name: *Semicassis pyrum* (Lamarck, 1822) – Powell (1979: 159); MolluscaBase (2023).

***Xenophalium ericanum* Powell, 1928**

Powell, A.W.B., 1928c, pp. 639, 640, pl. 75, fig. 29.

Holotype: MA72168, collected by E. Sanderson, from 46 m (25 fathoms) depth, off Te Whatu/Berghan Point, Northland, New Zealand.

Current name: *Semicassis royana* (Iredale, 1914) – MolluscaBase (2023).

***Xenophalium hamiltoni* Powell, 1928**

Powell, A.W.B., 1928c, p. 639, pl. 75, figs 25, 26.

Holotype: NMNZ M.001697

Paratypes: MA71419, three specimens; MA73673, one specimen; all collected by H. Hamilton from the ST *Futurist* in July 1925, from the type locality, from 110 m (60 fathoms) depth, off Cape Campbell, Marlborough, New Zealand.

Current name: *Semicassis pyrum* (Lamarck, 1822) – MolluscaBase (2023).

***Xenophalium harrisonae* Powell, 1928**

Powell, A.W.B., 1928c, p. 640, pl. 75, figs 27, 28.

Holotype: MA72169, collected by R.H. Harrison in 1926, from Mason Bay, Stewart Island/Rakiura, New Zealand.

Paratypes: MA71420, one specimen; MA73084, four specimens; all from the type locality.

Current name: *Semicassis pyrum* (Lamarck, 1822) – Powell (1979: 159); MolluscaBase (2023).

† *Xenophalium toreuma* Powell, 1928

Powell, A.W.B., 1928c, p. 636, pl. 76, figs 33, 34.

Holotype: MA72170, collected from the early Miocene (Altonian) Nihotupu Formation, between Powell and Bartrum Bays, approximately 2 km south of Muriwai Beach, west Auckland, New Zealand.

Current name: *Echinophoria toreuma* (Powell, 1928) – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2023).

***Xenophalium (Xenogalea) abernethyi* Dell, 1956**

Dell, R.K., 1956a, pp. 87, 88, pl. 12, figs 119, 122.

Holotype: NMNZ M.009752

Paratype: MA72750, one specimen; MA73680, one specimen; both collected by F. Abernethy in October 1953, from the type locality, from 73 m (40 fathoms) depth, off Castlepoint, Wairarapa, New Zealand.

Current name: *Semicassis pyrum* (Lamarck, 1822) – Powell (1979: 159); MolluscaBase (2023).

***Xenophalium (Xenogalea) matai* Powell, 1952**

Powell, A.W.B., 1952b, p. 178, pl. 35, fig. 6.

Holotype: MA71187, collected by A.W.B. Powell in November 1934, from intertidal mud flat, Beach Harbour, Breaksea Sound, Southland, New Zealand.

Paratype: MA71440, one specimen, from the type locality.

Current name: *Semicassis pyrum* (Lamarck, 1822) – MolluscaBase (2023).

Family CHARONIIDAE***Charonia capax* Finlay, 1926**

Finlay, H.J., 1926b, pp. 397, 398, pl. 20, fig. 67.

Holotype: MA70138, collected from 37 m (20 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Current name: *Charonia lampas* (Linnaeus, 1758) – MolluscaBase (2023).

***Charonia capax euclioides* Finlay, 1926**

Finlay, H.J., 1926b, p. 398, pl. 20, fig. 68.

Holotype: MA70139, collected from 73 m (40 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Current name: *Charonia lampas* (Linnaeus, 1758) – MolluscaBase (2023).

Family CYMATIIDAE**† *Austrotriton cyphoides* Finlay, 1924**

Finlay, H.J., 1924a, pp. 455, 456, pl. 51, figs 3a, b.

Holotype: MA70083, collected from middle–late Eocene (Kaiatan), Waiareka Volcanic Formation, Lorne [Whitstone, near the disused railway station], Otago, New Zealand.

Remarks: Labels with the specimen have the locality as ‘Kakanui Beach (tuffs below limestone)’, making the ‘Deborah Volcanic Formation (Whaingaroan) near Everett’s Quarry or Gee’s Point’ the source lithology (Beu and Maxwell 1990: 120). However, as reported by these authors ‘Maxwell (1968) showed that they (and several other species described by Finlay) are almost certainly from the green tuff (Waiareka Volcanic Formation) at Lorne, near Oamaru.’

Current name: *Sassia cyphoides* (Finlay, 1924) – Strong *et al.* (2019: 30); MolluscaBase (2023).

† *Austrotriton maorium* Finlay, 1924

Finlay, H.J., 1924a, p. 453, pl. 48, figs 1a, b, 2a–c, 3a, b; pl. 51, fig. 4.

Holotype: MA70084, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72480, two specimens, from the type locality; MA73191, two specimens, collected from the early Miocene (Altonian) Long Beach Shellbed, [Finlay’s bed 6B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Sassia minima* (F.W. Hutton, 1873) – Beu and Maxwell (1990: 426); MolluscaBase (2023).

† *Austrotriton maorium insignitum* Finlay, 1924

Finlay, H.J., 1924a, p. 454, pl. 51, fig. 5.

Holotype: MA70085, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72481, 32 specimens, from the type locality.

Current name: *Sassia minima* (F.W. Hutton, 1873) – MolluscaBase (2023).

† *Cabestana debilior* Finlay, 1930

Finlay, H.J., 1930b, p. 59, pl. 3, fig. 31.

Holotype: MA70126, collected from the Early–Middle Pleistocene (Castlecliffian) at Castlecliff, Manawatū–Whanganui, New Zealand.

Current name: *Cabestana tabulata* (Menke, 1843) – Beu and Raine (2009); MolluscaBase (2023).

Cabestana (Cymatilesta) otagoensis Powell, 1954

Powell, A.W.B., 1954a, pp. 236, 237, pl. 39, fig. 1.

Holotype: MA71198, collected by J. Black, from 82 m (45 fathoms) depth, 16 km (10 miles) north of Moeraki, Otago, New Zealand.

Current name: *Cabestana tabulata* (Menke, 1843) – Beu and Raine (2009); MolluscaBase (2023).

Cabestana waterhousei segregata Powell, 1933

Powell, A.W.B., 1933g, pp. 156, 157, pl. 23, fig. 3.

Holotype: MA72036, collected by A.W.B. Powell on 6 November 1927, near Cornwallis, Manukau Harbour, Auckland, New Zealand.

Current name: *Cabestana tabulata* (Menke, 1843) – Beu and Raine (2009); MolluscaBase (2023).

† *Charonia clifdenensis* Finlay, 1924

Finlay, H.J., 1924a, pp. 460, 461, pl. 48, figs 9a–9c.

Holotype: MA70140, collected from early Miocene (Altonian) Calamity Point Sandstone, [Finlay's bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA72483, three specimens, from the type locality.

Current name: *Sassia neozelanica* (P. Marshall & Murdoch, 1923) – Beu and Raine (2009); Strong *et al.* (2019: 30); MolluscaBase (2023).

† *Charonia (Charoniella) arthritica* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 427, 428, pl. 34, figs 1, 2.

Holotype: MA72041, collected from the early Miocene (Otaian) Tipakuri Formation of 'Double U Bay', approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Current name: *Sassia arthritica* (Powell & Bartrum, 1929) – Strong *et al.* (2019: 30); MolluscaBase (2023).

† *Cymatium decagonium* Finlay, 1924

Finlay, H.J., 1924a, p. 460, pl. 48, fig. 4.

Holotype: MA71288, collected from the middle Eocene (Bortonian) Waihao Greensand at Waihao Downs, Canterbury, New Zealand.

Current name: *Sassia decagonia* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2023).

† *Cymatium octoserratum* Finlay, 1924

Finlay, H.J., 1924a, p. 459, pl. 48, figs 6a, b.

Holotype: MA70235, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72482, eight specimens, from the type locality.

Current name: *Sassia tortirostris* (Tate, 1888) – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2023).

† *Cymatium sculpturatum* Finlay, 1924

Finlay, H.J., 1924a, p. 458, pl. 48, fig. 7.

Holotype: MA70237, collected from middle–late Eocene (Kaiatan), Waiareka Volcanic Formation, Lorne [Whitstone, near the disused railway station], Otago, New Zealand.

Paratypes: MA73475, seven specimens, from the type locality.

Remarks: Finlay (1924a) incorrectly reported the locality as 'Kakanui Tuffs, on the beach [Kakanui], below the limestone. See *Austrotriton cyphoides* Finlay, 1924 (MA70083) for further clarification.

Current name: *Haurokoa marwicki* (Finlay, 1924) – Beu and Raine (2009); MolluscaBase (2023).

Fusitriton laudandum Finlay, 1926

Finlay, H.J., 1926b, p. 399, pl. 20, fig. 65.

Holotype: MA70333, collected from 73 m (40 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Current name: *Fusitriton laudandus* Finlay, 1926 – MolluscaBase (2023).

† *Mayena bartrumi* Powell, 1938

Powell, A.W.B., 1938a, pp. 372, 373, pl. 39, fig. 12.

Holotype: MA72090, collected by A.W.B. Powell, from the early Miocene (Otaian) Tipakuri Formation at Church Bay (sometimes known as Squadron Bay), Waiheke Island, Auckland, New Zealand.

Paratype: MA71713, one specimen, from the type locality.

Current name: *Haurokoa bartrumi* (Powell, 1938) – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2023).

Proxicharonia palmeri Powell, 1967

Powell, A.W.B., 1967b, pp. 188, 189, pl. 36, figs 11, 12.

Holotype: MA71300, collected by W. Palmer, from 43 m (140 ft) depth, 800 m (0.5 mile) north of Northern Reef, Poor Knights Islands, Northland, New Zealand.

Current name: *Proxicharonia palmeri* Powell, 1967 – Strong *et al.* (2019: 30); MolluscaBase (2023).

Family RANELLIDAE† *Cymatium kaiparaense* Finlay, 1924

Finlay, H.J., 1924a, pp. 457, 458, pl. 48, fig. 8.

Holotype: MA70234, collected from the early Miocene (Otaian–early Altonian) Pakaurangi Formation, Pakaurangi Point, Kaipara, Northland, New Zealand.

Current name: *Ranella kaiparaensis* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2023).

Mayena australasia blacki Powell, 1954

Powell, A.W.B., 1954a, p. 237, pl. 39, fig. 2.

Holotype: MA71199, collected by J. Black, from 110–128 m (60–70 fathoms) depth, off eastern Otago, New Zealand.

Paratypes: MA71431, two specimens, from the type locality.

Current name: *Ranella australasia* (Perry, 1811) – MolluscaBase (2023).

Mayena australasia vossi Powell, 1952

Powell, A.W.B., 1952b, pp. 176, 177, pl. 35, fig. 4.

Holotype: MA71186, collected by A.S. Voss on 27 April 1948, from 128 m (70 fathoms) depth, 13 km (8 miles) east of Mayor Island/Tūhua, Bay of Plenty, New Zealand.

Current name: *Ranella australasia* (Perry, 1811) – MolluscaBase (2023).

Mayena multinodosa Bucknill, 1927

Bucknill, C.E.R., 1927, p. 312, fig. 2.

Holotype: MA70452, collected by E. Sanderson, from cray-fish pots, in 46 m (25 fathoms) depth, Cavalli Islands, Northland, New Zealand.

Current name: *Ranella olearium* (Linnaeus, 1758) – Powell (1979: 167); MolluscaBase (2023).

Mayena zelandica Finlay, 1926

Finlay, H.J., 1926b, p. 400, pl. 20, fig. 66.

Holotype: MA70453, collected off Tauranga, Bay of Plenty, New Zealand.

Paratype: MA72921, one specimen, from the type locality.

Current name: *Ranella australasia* (Perry, 1811) – Powell (1979: 167); MolluscaBase (2023).

Superfamily XENOPHOROIDEA**Family XENOPHORIDAE**† *Onustus prognatus* Finlay, 1926

Finlay, H.J., 1926a, p. 228, pl. 59, figs 15, 16.

Holotype: MA70575, collected from the late Oligocene (Duntroonian) Wharekuri Greensand, true left bank of the Waitaki River, 1.6 km below Wharekuri (site now submerged beneath Lake Waitaki), north Otago, New Zealand.

Remarks: MA70575 is figured by Finlay (1926a) as a paratype, but original Finlay labels, as well as A.W.B. Powell's later ones, show that this is the holotype.

Current name: *Xenophora prognata* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 243); MolluscaBase (2023).

Order NEOGASTROPODA**Superfamily uncertain****Family CYSTISCIDAE***Marginella (Kogomea) hardingae* Dell, 1956

Dell, R.K., 1956a, p. 126, pl. 18, fig. 180.

Holotype: NMNZ M.009331

Paratype: MA72746, one specimen, collected by MV Alert on 30 August 1951, from 113 m (62 fathoms) depth, west of Kapiti Island, New Zealand.

Current name: *Gibberula hardingae* (Dell, 1956) – MolluscaBase (2023).

Family HARPIDAE† *Austroharpa tatei* Finlay, 1931

Finlay, H.J., 1931a, p. 14, not figured.

Holotype: MA70067, **Plate 9m**, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Remarks: See *Notocallista (Striacallista) mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Austroharpa tatei* Finlay, 1931 – Darragh (1970: 199); MolluscaBase (2023).

† *Eocithara (Marwickara) waihaoensis* Laws, 1935

Laws, C.R., 1935b, p. 29, pl. 4, fig. 11.

Holotype: MA70265, collected from the middle Eocene (Bortonian) Waihao Greensand, abandoned railway cutting, Waihao Downs, Canterbury, New Zealand.

Paratype: MA72674, two fragments, from the type locality.

Current name: *Eocithara waihaoensis* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† *Morum (Oniscidia) harpaformis* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, p. 428, pl. 49, figs 104, 105.

Holotype: MA72097, collected from the early Miocene (Otaian) Tipakuri Formation of 'Double U Bay', approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Current name: *Morum harpaforme* Powell & Bartrum, 1929 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† *Oniscidia finlayi* Laws, 1932

Laws, C.R., 1932, pp. 188, 189, pl. 26, fig. 6; pl. 27, figs 10, 13.

Holotype: MA70574, collected from the middle Miocene (Lillburnian) of the Third Bay Sandstone [bed C] on the true left bank of the Waiau River, [Finlay's bed 6D (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA72646, one specimen, assumed to have been collected from the early Miocene (Altonian) Long Beach Shellbed, [Finlay's bed 6B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Remarks: Although no original labels remain with the paratype specimen, Laws (1932: 26) mentioned two paratypes, one of which was in the H.J. Finlay Collection and from Bed 6B. As the H.J. Finlay Collection was sold to AM in 1937, it is assumed that the paratype specimen came from this.

Current name: *Morum finlayi* (Laws, 1932) – Beu and Raine (2009); MolluscaBase (2023).

Family MARGINELLIDAE

Closia maoria Powell, 1937

Powell, A.W.B., 1937b, p. 217, pl. 55, fig. 1.

Holotype: NHM 19621065

Paratypes: MA71940, seven specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Ovaginella maoria* (Powell, 1937) – MolluscaBase (2023).

Erato lactea F.W. Hutton, 1880

Hutton, F.W., 1880, p. 63, not figured.

Syntype: MA73248, one specimen, collected from 'Cook Strait, New Zealand'.

Remarks: This is a mislocalised foreign species, ascribed by Hutton to New Zealand in error.

Current name: *Austroginella muscaria* (Lamarck, 1822) – MolluscaBase (2023).

Marginella cairoma Brookes, 1924

Brookes, A.E., 1924, p. 154, pl. 7, figs 4, 5.

Holotype: MA71277, collected by A.E. Brookes, near Taipa, Doubtless Bay, Northland, New Zealand.

Paratypes: MA72953, ten specimens, from the type locality.

Current name: *Dentimargo cairoma* (Brookes, 1924) – MolluscaBase (2023).

Marginella (Glabella) aupouria Powell, 1937

Powell, A.W.B., 1937b, pp. 215, 216, pl. 55, fig. 5.

Holotype: NHM 19621061

Paratypes: MA71936, eight specimens, collected

by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Mesoginella aupouria* (Powell, 1937) – MolluscaBase (2023).

Marginella (Glabella) cracens Dell, 1956

Dell, R.K., 1956a, p. 128, pl. 18, fig. 181.

Holotype: NMNZ M.009322

Paratypes: MA72855, two specimens, collected by E.J. Batham on 28 March 1954, from 475–640 m (260–350 fathoms) depth, Karitane Canyon, off Otago Peninsula, New Zealand.

Current name: *Mesoginella cracens* (Dell, 1956) – MolluscaBase (2023).

Marginella (Glabella) larochei Powell, 1932

Powell, A.W.B., 1932b, p. 208, pl. 34, figs 16, 17.

Holotype: MA72087, collected by W. La Roche in 1922, from 22 m (12 fathoms) depth, Rangaunu Bay, Northland, New Zealand.

Current name: *Mesoginella larochei* (Powell, 1932) – MolluscaBase (2023).

Marginella (Glabella) manawatawhia Powell, 1937

Powell, A.W.B., 1937b, p. 216, pl. 55, fig. 4.

Holotype: NHM 19621062

Paratypes: MA71937, three specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Mesoginella manawatawhia* (Powell, 1937) – MolluscaBase (2023).

Marginella (Glabella) otagoensis Dell, 1956

Dell, R.K., 1956a, pp. 127, 128, pl. 18, fig. 183.

Holotype: NMNZ M.009320

Paratypes: MA72751, two specimens, collected by E.J. Batham on 16 August 1955, on board the MV *Alert*, from the type locality, from 549 m (300 fathoms) depth, Canyon C [Taiaroa Canyon], Otago, New Zealand.

Current name: *Mesoginella otagoensis* (Dell, 1956) – MolluscaBase (2023).

Marginella (Glabella) pygmaeiformis Powell, 1937

Powell, A.W.B., 1937b, p. 216, pl. 55, fig. 3.

Holotype: NHM 19621063

Paratypes: MA71938, three specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Mesoginella pygmaeiformis* (Powell, 1937) – MolluscaBase (2023).

***Marginella (Glabella) tryphenensis* Powell, 1932**

Powell, A.W.B., 1932b, pp. 207, 208, pl. 34, figs 13, 14.

Holotype: MA70444, dredged by A.W.B. Powell in January 1924, from 9–11 m (5–6 fathoms) depth, Tryphena Bay, Auckland, New Zealand.

Paratypes: MA71423, seven specimens, from the type locality.

Current name: *Mesoginella tryphenensis* (Powell, 1932) – MolluscaBase (2023).

***Marginella (Glabella) vailei* Powell, 1932**

Powell, A.W.B., 1932b, pp. 206, 207, pl. 34, fig. 15; pl. 36, fig. 23.

Holotype: MA70445, collected by H.E. Vaile in 1896, Cape Maria van Diemen, Northland, New Zealand.

Current name: *Mesoginella vailei* (Powell, 1932) – MolluscaBase (2023).

***Marginella (Serrata) aoteana* Powell, 1932**

Powell, A.W.B., 1932b, p. 212, pl. 33, fig. 5.

Holotype: MA72086, collected by W. La Roche in 1922, from 22 m (12 fathoms) depth, Rangaunu Bay, Northland, New Zealand.

Current name: *Dentimargo cairoma* (Brookes, 1924) – MolluscaBase (2023).

***Marginella (Serrata) subamoena* Powell, 1937**

Powell, A.W.B., 1937b, pp. 216, 217, pl. 55, fig. 6.

Holotype: NHM 19621064

Paratype: MA71939, one specimen, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 932, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Dentimargo subamoenus* (Powell, 1937) – MolluscaBase (2023).

***Marginella (Serrata) subfusula* Powell, 1932**

Powell, A.W.B., 1932b, pp. 210, 211, pl. 33, figs 3, 4.

Holotype: MA70443, collected from 128 m (70 fathoms) depth, off the Poor Knights Islands, Northland, New Zealand.

Paratypes: MA71424, two specimens, from the type locality.

Current name: *Dentimargo subfusula* (Powell, 1932) – MolluscaBase (2023).

***Marginella (Volvarina) maoriana* Powell, 1932**

Powell, A.W.B., 1932b, pp. 209, 210, pl. 36, fig. 21.

Holotype: MA72088, collected by A.W.B. Powell in January 1924, from a rock pool, Oruawharo Bay, west coast of Great Barrier Island, New Zealand.

Current name: *Serrata maoriana* (Powell, 1932) – MolluscaBase (2023).

***Marginella (Volvarinella) wormaldi* Powell, 1971**

Powell, A.W.B., 1971, p. 223, fig. 25.

Holotype: MA71332, collected by C. Wormald of the

MV *Valkyrie* in 1969, from 293–439 m depth, ENE of Poor Knights Islands, Northland, New Zealand.

Current name: *Dentimargo wormaldi* (Powell, 1971) – MolluscaBase (2023)

Family TAIOMIDAE**† *Taioma tricarinata* Finlay & Marwick, 1937**

Finlay, H.J. and J. Marwick, 1937, p. 72, pl. 10, figs 5–7.

Holotype: MA70753, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Taioma tricarinata* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

Superfamily VOLUTOIDEA**Family VOLUTIDAE*****Alcithoe arabica jaculoides* Powell, 1924**

Powell, A.W.B., 1924a, pp. 108, 109, figs 1, 2.

Holotype: MA72004, collected from 73–91 m depth, off Whakatane, Bay of Plenty, New Zealand.

Paratypes: MA71404, one specimen; MA71690, eight specimens; all from the type locality.

Current name: *Alcithoe jaculoides* Powell, 1924 – MolluscaBase (2023).

† *Alcithoe armigera* Marwick, 1926

Marwick, J., 1926, p. 290, pl. 65, fig. 1.

Holotype: MA70012, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Current name: *Alcithoe cylindrica* Marwick, 1926 – Beu and Raine (2009); MolluscaBase (2023).

† *Alcithoe bathgatei* Finlay, 1926

Finlay, H.J., 1926a, p. 248, pl. 56, figs 4, 5.

Holotype: MA70013, collected from early Miocene (Altonian) Fouraye Siltstone, [Finlay's bed 4B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA71679, four specimens; MA73480, seven specimens; all from the type locality.

Current name: *Alcithoe bathgatei* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023)

† *Alcithoe brevis* Marwick, 1926

Marwick, J., 1926, pp. 299, 300, pl. 69, fig. 6.

Holotype: GNS TM 9444

Paratype: MA73482, collected from the Early Pleistocene (Nukumaruan), Castle Point, Wairarapa, Wellington, New Zealand.

Current name: *Alcithoe brevis* Marwick, 1926 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023)

***Alcithoe calva* Powell, 1928**

Powell, A.W.B., 1928a, p. 362, pl. 53, figs 5, 6.

Holotype: NMNZ M.001682

Paratypes: MA71403, five specimens, collected by H. Hamilton in 1925, from the type locality, off Cape Campbell, Marlborough, New Zealand.

Current name: *Alcithoe jaculoides* Powell, 1924 – MolluscaBase (2023).

† *Alcithoe compressa* Marwick, 1926

Marwick, J., 1926, p. 290, pl. 65, fig. 4.

Holotype: MA70014, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72506, one specimen; MA73616, two specimens; all from the type locality.

Current name: *Alcithoe cylindrica* Marwick, 1926 – Beu and Raine (2009); MolluscaBase (2023).

† *Alcithoe cylindrica* Marwick, 1926

Marwick, J., 1926, p. 290, pl. 65, fig. 3.

Holotype: MA70015, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratype: MA72505, one specimen, from the type locality.

Current name: *Alcithoe cylindrica* Marwick, 1926 – Beu and Raine (2009); MolluscaBase (2023).

† *Alcithoe detrita* Marwick, 1926

Marwick, J., 1926, p. 289, pl. 66, fig. 6.

Holotype: GNS TM 9279

Paratypes: MA72504, two specimens, collected by R.S. Allan, from the type locality, Early Pleistocene (Nukumaruan) Nukumar Brown Sand, 7 km SE of Waiinu Beach, near the site of the former 'Nukumar boat-landing', Manawatū-Whanganui, New Zealand.

Current name: *Alcithoe arabica* (Gmelin, 1791) – Beu and Maxwell (1990: 366); MolluscaBase (2023).

† *Alcithoe dyscrita* Finlay, 1926

Finlay, H.J., 1926a, p. 249, pl. 55, fig. 9.

Holotype: MA70016, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Alcithoe dyscrita* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Alcithoe familiaris* Marwick, 1926

Marwick, J., 1926, pp. 291, 292, pl. 64, fig. 2.

Holotype: MA70017, collected from the early Miocene (Altonian) Mount Harris Formation, Mount Harris, Canterbury, New Zealand.

Current name: *Alcithoe familiaris* Marwick, 1926 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Alcithoe finlayi* Marwick, 1926

Marwick, J., 1926, p. 297, pl. 69, fig. 1.

Holotype: MA70018, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratype: MA73483, one specimen, from the type locality.

Current name: *Alcithoe finlayi* Marwick, 1926 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

***Alcithoe johnstoni* Powell, 1928**

Powell, A.W.B., 1928a, p. 363, pl. 53, figs 7, 8.

Holotype: MA72005, collected from 80 m (44 fathoms) depth, off Cuvier Island, Waikato, New Zealand.

Current name: *Alcithoe jaculoides* Powell, 1924 – MolluscaBase (2023).

***Alcithoe larochei* Marwick, 1926**

Marwick, J., 1926, pp. 294, 295, pl. 63, fig. 6.

Holotype: MA70019, collected pre-1925, from 55 m (30 fathoms) depth, off Opotiki, Bay of Plenty, New Zealand.

Current name: *Alcithoe larochei* Marwick, 1926 – MolluscaBase (2023).

† *Alcithoe phymatias* Finlay, 1926

Finlay, H.J., 1926a, pp. 248, 249, pl. 56, figs 1–3.

Holotype: MA70020, collected from the early Miocene (Altonian) Long Beach Shellbed, [Finlay's bed 6B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA71680, one specimen, from the type locality.

Current name: *Alcithoe phymatias* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Alcithoe reflexa* Marwick, 1926

Marwick, J., 1926, pp. 296, 297, pl. 68, fig. 6.

Holotype: MA70021, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Current name: *Alcithoe lepida* Marwick, 1926 – Beu and Raine (2009); MolluscaBase (2023).

† *Alcithoe regularis* Finlay, 1926

Finlay, H.J., 1926a, pp. 247, 248, pl. 55, fig. 4.

Holotype: MA70022, collected from middle Miocene (Waiauian) Nissen Shellbeds, [Finlay's bed 8A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Alcithoe regularis* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

†*Alcithoe residua* Finlay, 1926

Finlay, H.J., 1926a, p. 249, pl. 55, fig. 5.

Holotype: MA70023, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Current name: *Spinomelon residua* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Alcithoe robusta* Marwick, 1926

Marwick, J., 1926, p. 291, pl. 65, fig. 5.

Holotype: MA70024, collected from the early Miocene (Altonian) Mount Harris Formation, Mount Harris, Canterbury, New Zealand.

Current name: *Alcithoe cylindrica* Marwick, 1926 – Beu and Raine (2009); MolluscaBase (2023).

†*Alcithoe separabilis* Laws, 1932

Laws, C.R., 1932, p. 194, pl. 29, fig. 24.

Holotype: MA70025, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Paratype: MA72721, one specimen, from the type locality.

Current name: *Alcithoe lepida* Marwick, 1926 – Beu and Raine (2009); MolluscaBase (2023).

†*Alcithoe sequax* Marwick, 1926

Marwick, J., 1926, p. 291, pl. 65, fig. 7.

Holotype: MA70026, collected from the early Miocene (Altonian) Mount Harris Formation, Mount Harris, Canterbury, New Zealand.

Paratypes: MA73479, two specimens, collected by R.S. Allan, from the type locality.

Current name: *Alcithoe cylindrica* Marwick, 1926 – Beu and Raine (2009); MolluscaBase (2023).

Alcithoe swainsoni motutarensis Powell, 1928

Powell, A.W.B., 1928a, pp. 361, 362, pl. 53, figs 3, 4.

Holotype: MA72006, collected by A.W.B. Powell in 1923, from Muriwai Beach, Auckland, New Zealand.

Paratype: MA71402, one specimen, from the type locality.

Current name: *Alcithoe arabica* (Gmelin, 1791) – MolluscaBase (2023).

†*Alcithoe transformis* Marwick, 1926

Marwick, J., 1926, p. 293, pl. 67, fig. 1.

Holotype: GNS TM 9281

Paratype: MA44756, one specimen, collected from the type locality, the Early–Middle Pleistocene (Castlecliffian), Kai Iwi, Manawatū–Whanganui, New Zealand.

Current name: *Alcithoe arabica* (Gmelin, 1791) – Beu and Maxwell (1990: 366); MolluscaBase (2023).

†*Alcithoe wekaensis* Marwick, 1926

Marwick, J., 1926, pp. 288, 289, pl. 68, fig. 4.

Holotype: MA70027, collected from early Miocene (Altonian), Mount Brown Formation, Weka Creek, Weka Pass, Canterbury, New Zealand.

Current name: *Alcithoe cylindrica* Marwick, 1926 – Beu and Raine (2009); MolluscaBase (2023).

Aulica quaesita Iredale, 1956

Iredale, T., 1956, p. 77, fig. 1.

Holotype: AMS C.61373

Paratypes: MA73119, three specimens, collected by M. Ward, from the type locality, eastern side of the Liverpool River mouth, Boucaut Bay, Arnhem Land, Northern Territory, Australia.

Current name: *Cymbiola flavicans* (Gmelin, 1791) – MolluscaBase (2023).

Iredalina aurantia Powell, 1954

Powell, A.W.B., 1954a, pp. 239, 240, pl. 39, fig. 4.

Holotype: MA71200, trawled by J. Black, from 110–128 m (60–70 fathoms) depth, off eastern Otago, Otago New Zealand.

Current name: *Provocator mirabilis* (Finlay, 1926) – MolluscaBase (2023).

Iredalina mirabilis Finlay, 1926

Finlay, H.J., 1926c, pp. 59–62, fig. p. 60.

Holotype: MA70370, trawled from 73 m (40 fathoms) depth, Otago Heads [Taiaroa Head], Otago, New Zealand.

Current name: *Provocator mirabilis* (Finlay, 1926) – MolluscaBase (2023).

Lyria grangei Cernohorsky, 1980

Cernohorsky, W.O., 1980d, pp. 132–134, figs 10, 11, 13.

Holotype: NIWA, NZOI type registration H-251.

Paratype: MA71621, collected by K.R. Grange on 18 May 1979, from the type locality, NZOI station 1763, from 15 m depth, southern side of eastern South Bellona Reef, between New Caledonia and Queensland, Australia.

Current name: *Lyria grangei* Cernohorsky, 1980 – MolluscaBase (2023).

†*Lyria zelandica* Finlay, 1924

Finlay, H.J., 1924a, pp. 470, 471, pl. 49, fig. 7.

Holotype: MA70424, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Lyria zelandica* Finlay, 1924 – Maxwell in: Spencer *et al.* (2009: 247; MolluscaBase (2023).

†*Mauira waihaoensis* Laws, 1935

Laws, C.R., 1935b, p. 24, fig. 3.

Holotype: MA70448, assumed to have been collected

by C.R. Laws, from middle Eocene (Bortonian) Waihao Greensand, abandoned railway cutting, Waihao Downs, Canterbury, New Zealand.

Paratype: MA72671, one specimen, from the type locality.

Current name: *Mauira waihaoensis* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Metamelon informis* Laws, 1932

Laws, C.R., 1932, pp. 191, 192, pl. 29, fig. 26.

Holotype: MA70466, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Current name: *Metamelon informis* Laws, 1932 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Metamelon marshalli* Marwick, 1926

Marwick, J., 1926, p. 286, pl. 69, fig. 12.

Holotype: GNS TM 9445

Paratype: MA73635, seven specimens, collected by R.S. Allan, from the late Oligocene (Duntroonian) Wharekuri Greensand, true left bank of the Waitaki River, 1.6 km below Wharekuri (site now submerged beneath Lake Waitaki), north Otago, New Zealand.

Current name: *Metamelon marshalli* Marwick, 1926 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Metamelon minima* Marwick, 1926

Marwick, J., 1926, p. 287, pl. 69, fig. 10.

Holotype: MA70467, collected possibly by R.S. Allan, from the early Miocene (Altonian) Mount Harris Formation, Mount Harris, Canterbury, New Zealand.

Remarks: Marwick (1926: 287) published the type locality as Otiake, but Finlay disputed this and annotated his labels with ‘Mt Harris. This is from Mt Harris, not Otiake, as Marwick gives.’

Current name: *Metamelon minima* Marwick, 1926 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Metamelon patruelis* Laws, 1932

Laws, C.R., 1932, p. 192, pl. 28, figs 17, 18.

Holotype: MA70468, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Paratype: MA72647, one specimen, from the type locality.

Current name: *Metamelon patruelis* Laws, 1932 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Metamelon prominima* Laws, 1932

Laws, C.R., 1932, p. 191, pl. 29, fig. 25.

Holotype: MA70469, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Current name: *Metamelon prominima* Laws, 1932 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Miomelon benitens* Finlay, 1926

Finlay, H.J., 1926a, pp. 250, 251, pl. 55, fig. 6.

Holotype: MA70475, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Current name: *Spinomelon benitens* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Miomelon clifdenense* Finlay, 1926

Finlay, H.J., 1926a, pp. 246, 247, pl. 55, figs 1–3.

Holotype: MA70478, collected from the early Miocene (Altonian) Long Beach Shellbed, [Finlay’s bed 6B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA71678, one specimen; MA73633, two nearly complete and one partial specimens; all collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay’s bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Remarks: According to Finlay (1926a: 247) the holotype came from Band 6A, which is the Calamity Point Sandstone. However, two labels with the holotype specimen explicitly record the source as Band 6B, i.e. the Long Beach Shellbed Member.

Current name: *Metamelon clifdenense* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Miomelon inermis* Finlay, 1926

Finlay, H.J., 1926a, p. 247, not figured.

Holotype: MA70476, **Plate 9f, g**, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Paratypes: MA73632, three nearly complete and five partial specimens, from the type locality.

Current name: *Metamelon inermis* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Miomelon reverta* Finlay, 1926

Finlay, H.J., 1926a, p. 247, not figured.

Holotype: MA70477, **Plate 9h, i**, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratype: MA73634, one specimen, from the type locality.

Current name: *Metamelon reverta* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Notopeplum balcombense* Finlay, 1930

Finlay, H.J., 1930a, p. 46, not figured.

Holotype: MA71071, **Plate 9j**, collected from middle Miocene (Balcombian) Gellibrand Formation, Fossil Beach, Balcombe Bay, Victoria, Australia.

Paratypes: MA72566, one nearly complete specimen, two partial specimens, from the type locality.

Remarks: A note with the holotype specimen in A.W.B. Powell's hand states 'Not marked by Finlay, nor does width agree, but this seems to be wrongly stated'. Finlay (1930a: 46) gave the holotype measurements as 'Height, 41 mm.; of spire, 14.5 mm.; width 12 mm.' The specimen in lot MA71071 is 42 mm high, 8.9 mm spire height, and 16.8 mm wide. There are another five specimens in the AM collections, and none conforms to Finlay's measurements.

Current name: *Notopeplum balcombense* Finlay, 1930 – Darragh (1970: 157); MolluscaBase (2023).

† *Notopeplum saginatum* Finlay, 1930

Finlay, H.J., 1930a, pp. 45, 46, not figured.

Holotype: MA71072, Plate 9k, 1, collected from early Miocene (Longfordian) Fossil Bluff Sandstone at Fossil Bluff, near Wynyard, Tasmania, Australia.

Remarks: A label in Finlay's hand states 'A.C. '79. On tablet with this is 'Voluta wynyardensis Pritch. Table Cape. Pl. XXI fig. 1&2. Proc. R.S. Vict. 1913 TYPE'. This suggests that the specimen came from material obtained originally by B.R. Pritchard from its collector, R.N. Atkinson.

Current name: *Notovoluta saginata* Finlay, 1930 – Darragh (1970: 192); MolluscaBase (2023).

Pachymelon (Palomelon) grahami Powell, 1965

Powell, A.W.B., 1965, p. 166, pl. 23, fig. 14.

Holotype: MA71243, trawled by J. Graham, from 91 m (50 fathoms) depth, off Oamaru, Otago, New Zealand.

Paratype: MA71476, one specimen, from the type locality.

Current name: *Alcithoe wilsonae* (Powell, 1933) – MolluscaBase (2023).

† *Pachymelon (Palomelon) powelli* Laws, 1936

Laws, C.R., 1936b, p. 118, pl. 17, fig. 75.

Holotype: MA72111, collected probably by A.W.B. Powell, from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Alcithoe powelli* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

Pachymelon (Palomelon) smithi Powell, 1950

Powell, A.W.B., 1950, p. 81, pl. 7, figs 1, 2.

Holotype: MA71169, collected by A. Black of the 'trawler *Tairoa*', from 128 m (70 fathoms) depth, off Eastern Otago, Otago, New Zealand.

Current name: *Alcithoe wilsonae* (Powell, 1933) – MolluscaBase (2023).

Pachymelon (Palomelon) wilsonae Powell, 1933

Powell, A.W.B., 1933i, pp. 204, 205, pl. 36, fig. 18.

Holotype: MA70581, collected by B.M. Wilson in February 1933, Owenga, Chatham Islands, New Zealand.

Current name: *Alcithoe wilsonae* (Powell, 1933) – MolluscaBase (2023).

† *Scaphella cognata* Finlay, 1926

Finlay, H.J., 1926a, pp. 249, 250, pl. 56, fig. 7.

Holotype: MA70690, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Current name: *Teremelon cognata* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Scaphella pretiosa* Finlay, 1926

Finlay, H.J., 1926a, p. 250, pl. 55, figs 7, 8.

Holotype: MA70691, collected from the early Miocene (Altonian) Long Beach Shellbed, [Finlay's bed 6B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA71681, two specimens, collected from early Miocene (Altonian) Calamity Point Sandstone, [Finlay's bed 6A (for correlation see Fleming *et al.* 1969)]; MA73580, one specimen, collected from middle Miocene (Clifdenian) Slip Point Sandstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Remarks: According to Finlay (1926a: 250) the material came from Band 6A, which is the Calamity Point Sandstone. However, three labels with the holotype specimen explicitly record the source as Band 6B, i.e. the Long Beach Shellbed Member.

Current name: *Teremelon pretiosa* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Scaphella tumidior* Finlay, 1926

Finlay, H.J., 1926a, p. 250, pl. 56, fig. 6.

Holotype: MA70692, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Current name: *Teremelon tumidior* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Spinomelon evelynae* Laws, 1933

Laws, C.R., 1933, p. 326, pl. 31, fig. 20; pl. 32, fig. 27.

Holotype: MA70718, collected by C.R. Laws, from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Paratype: MA72665, one specimen; MA73630, two specimens; all from the type locality.

Current name: *Spinomelon parki* (Suter, 1907) – Beu and Maxwell (1990: 428); MolluscaBase (2023).

† *Spinomelon henryi* Laws, 1932

Laws, C.R., 1932, pp. 192, 193, pl. 29, figs 22, 23.

Holotype: MA70719, collected from the early Miocene (Altonian) Long Beach Shellbed, [Finlay's bed 6B (for correlation see Fleming *et al.* 1969)], Clifden,

Southland, New Zealand.

Paratypes: MA72648, two specimens, from the type locality.

Current name: *Spinomelon henryi* Laws, 1932 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Spinomelon otaioensis* Laws, 1932

Laws, C.R., 1932, p. 193; figured in Laws, C.R., 1933, pl. 31, fig. 16; pl. 33, fig. 38.

Holotype: MA70720, collected from early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Spinomelon parki* (Suter, 1907) – Beu and Maxwell (1990: 428); MolluscaBase (2023).

† *Spinomelon speighti* Marwick, 1926

Marwick, J., 1926, p. 284, pl. 64, fig. 7.

Holotype: CM M3405

Paratype: MA73615, three specimens, collected from the type locality, early Miocene (Altonian) Mount Harris Formation, Mount Harris, Canterbury, New Zealand.

Current name: *Spinomelon speighti* Marwick, 1926 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Voluta wynyardensis* Pritchard, 1913

Pritchard, G.B., 1913, pp. 200, 201, pl. 21, figs 1, 2.

Holotype: MA70839, collected by R.N. Atkinson, from early Miocene (Longfordian) Fossil Bluff Sandstone at Fossil Bluff, near Wynyard, Tasmania, Australia.

Current name: *Livonia stephensi* (Johnston, 1880) – Darragh (1988: 251); MolluscaBase (2023).

† *Waihaoia confusa* Marwick, 1926

Marwick, J., 1926, p. 276, pl. 61, fig. 3.

Holotype: GNS TM 9446

Paratype: MA44299, four specimens, collected from the type locality, middle Eocene (Bortonian) Waihao Greensand, Kakahu, Canterbury, New Zealand.

Current name: *Spinomelon confusa* (Marwick, 1926) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Waihaoia formosa* Laws, 1935

Laws, C.R., 1935c, p. 36, pl. 6, fig. 14.

Holotype: MA70843, collected from the late Eocene (Runangan) Totara Limestone at Trig M, Totara, Oamaru, New Zealand.

Current name: *Spinomelon formosa* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Waihaoia nodulifera* Laws, 1935

Laws, C.R., 1935c, p. 36, pl. 6, fig. 15.

Holotype: MA70844, collected by C.R. Laws from Late Oligocene (Duntroonian) Wharekuri Greensand,

on true left bank of Waitaki River about 1.6 km (1 mile) below Wharekuri, Otago, New Zealand.

Current name: *Alcithoe nodulifera* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Waihaoia striata* Laws, 1935

Laws, C.R., 1935b, p. 28, pl. 4, fig. 10.

Holotype: MA70845, collected from the middle Eocene (Bortonian) Hampden Formation, near Kakaho Creek, Hampden Beach, Otago, New Zealand.

Current name: *Teremelon striata* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Waihaoia (Pachymelon) amoriaformis* Marwick, 1926

Marwick, J., 1926, p. 282, pl. 63, fig. 1.

Holotype: MA70841, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratype: MA73636, collected from the early Miocene (Altonian) Mount Harris Formation, Mount Harris, Canterbury, New Zealand.

Current name: *Pachymelon amoriaformis* (Marwick, 1926) – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Waihaoia (Pachymelon) firma* Marwick, 1926

Marwick, J., 1926, p. 282, pl. 70, fig. 2.

Holotype: MA70842, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratype: MA72503, from the type locality.

Current name: *Alcithoe firma* (Marwick, 1926) – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Waihaoia (Pachymelon) murchisoni* Marwick, 1926

Marwick, J., 1926, p. 281, pl. 63, fig. 5.

Holotype: GNS TM 9454

Paratype: MA72502, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Current name: *Alcithoe murchisoni* (Marwick, 1926) – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

Family CANCELLARIIDAE

Admete harpovoluta Powell, 1957

Powell, A.W.B., 1957, pp. 143, 144, pl. 1, fig. 3.

Holotype: SAM D15371

Paratypes: MA71954, two specimens, dredged from the type locality, from 69 m depth, during 1929–1931 British Australian New Zealand Antarctic Research Expedition, station 83, Lusitania Bay, Macquarie Island, Australia.

Current name: *Nothoadmete harpovoluta* (Powell, 1957) – MolluscaBase (2023).

†*Anapepta explicata* Laws, 1935

Laws, C.R., 1935c, pp. 38, 39, pl. 6, fig. 20.

Holotype: MA70031, collected from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Brocchinia explicata* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Anapepta serrata* Laws, 1935

Laws, C.R., 1935c, p. 39, pl. 6, fig. 21.

Holotype: MA70032, collected from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Brocchinia serrata* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Anapepta tuberculifera* Laws, 1935

Laws, C.R., 1935c, p. 38, pl. 6, fig. 19.

Holotype: MA70033, collected from middle Miocene (Lillburnian) of the Park Bluff Sandstone, from ‘New road cutting about half a mile behind racecourse’ [now the golf course], Clifden, Southland, New Zealand.

Paratype: MA72681, one specimen, from the type locality.

Current name: *Brocchinia tuberculifera* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Antepepta nasuta* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 83, pl. 11, fig. 1.

Holotype: MA70037, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Antepepta nasuta* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Aphera scopalveus* Finlay, 1926

Finlay, H.J., 1926a, p. 246, pl. 56, figs 14, 15.

Holotype: MA70039, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratype: MA71677, one specimen, from the type locality.

Current name: *Aphera scopalveus* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

Bonellitia superstes Finlay, 1930

Finlay, H.J., 1930c, p. 240, pl. 43, fig. 16.

Holotype: MA70104, collected from 46 m (25 fathoms) depth, off the Hen and Chickens Islands, Northland, New Zealand.

Current name: *Admetula superstes* (Finlay, 1930) – MolluscaBase (2023).

†*Coptostomella pupa* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 83, pl. 11, fig. 4.

Holotype: MA70202, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Coptostomella pupa* Finlay & Marwick – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Cymatium revolutum* Finlay, 1924

Finlay, H.J., 1924a, p. 456, pl. 51, figs 2a, b.

Syntypes: MA70236, two specimens, collected almost certainly from middle–late Eocene (Kaiatan), Waiareka Volcanic Formation, Lorne [Whitstone, near the disused railway station], Otago, New Zealand.

Remarks: Finlay (1924a) incorrectly reported the locality as ‘Kakanui Tuffs, on the beach [Kakanui], below the limestone. See *Austrotriton cyphoides* Finlay, 1924 (MA70083) for further clarification.

Finlay (1924a: 456) originally selected two specimens (in MA70236) as name-bearing types (figs 2a & 2b) and selected two other specimens as paratypes (MA71818). As there are three specimens in MA71818, it is not possible to determine which were the original two selected by Finlay for his type series. In addition, their paratype status contravenes the ICZN as Finlay explicitly selected two primary types, which must be treated as syntypes. Any additional specimens cannot therefore be paratypes.

Current name: *Tatara revoluta* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Inglisella ampla* Laws, 1935

Laws, C.R., 1935c, p. 37, pl. 6, fig. 16.

Holotype: MA70365, collected from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Paratypes: MA72679, 18 specimens, from the type locality.

Current name: *Inglisella ampla* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Inglisella awakinoensis* Laws, 1935

Laws, C.R., 1935c, p. 38, pl. 6, fig. 18.

Holotype: MA70366, collected by C.R. Laws, from early Miocene (Otaian) Mokau Sandstone, Awakino Gorge, Waikato, New Zealand.

Current name: *Inglisella awakinoensis* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Inglisella hirta* Laws, 1936

Laws, C.R., 1936b, p. 116, pl. 16, fig. 69.

Holotype: MA70367, collected from the early Pliocene (Opotian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratype: MA72718, one specimen, from the type locality.

Current name: *Inglisella hirta* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Inglisella parva* Laws, 1935

Laws, C.R., 1935c, p. 37, pl. 6, fig. 17.

Holotype: MA70368, collected from early Miocene (Altonian) Fouraye Siltstone, [Finlay's bed 4B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA72680, one specimen, from the type locality.

Current name: *Inglisella parva* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

Inglisella (Anapepta) septentrionalis Finlay, 1930

Finlay, H.J., 1930c, pp. 240, 241, pl. 43, fig. 14.

Holotype: MA70369, collected from 137 m (75 fathoms) depth, off North Cape, Northland, New Zealand.

Current name: *Brocchinia septentrionalis* (Finlay, 1930) – MolluscaBase (2023).

† *Merica pukeuriensis* Finlay, 1930

Finlay, H.J., 1930b, pp. 79, 80, pl. 3, fig. 33.

Holotype: MA70465, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Current name: *Scalptia pukeuriensis* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

Oamaruia deleta Finlay, 1930

Finlay, H.J., 1930c, pp. 241, 242, pl. 43, fig. 20.

Holotype: MA70557, collected from 110 m (60 fathoms) depth, off Poor Knights Islands, Northland, New Zealand.

Current name: *Oamaruia deleta* Finlay, 1930 – MolluscaBase (2023).

† *Oamaruia (?) nodus* Finlay, 1930

Finlay, H.J., 1930b, p. 78, not figured.

Holotype: MA70558, **Plate 9a**, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Current name: *Zeadmete nodus* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Trigonostoma christiei* Finlay, 1924

Finlay, H.J., 1924a, pp. 466, 467, pl. 49, fig. 5.

Holotype: MA70773, collected by E.M. Christie, from the late Oligocene (Duntroonian) Chatton Formation, Chatton, Southland, New Zealand.

Paratype: MA72874, one specimen, from the type locality.

Current name: *Scalptia christiei* (Finlay, 1924) – Beu & Maxwell (1990: 163); MolluscaBase (2023).

† *Trigonostoma waikaiaensis* Finlay, 1924

Finlay, H.J., 1924a, p. 466, pl. 49, figs 4a, b.

Holotype: MA70774, collected from the late Oligocene (Duntroonian) Chatton Formation, Waikaia, Southland, New Zealand.

Paratypes: MA72485, three specimens, from the type locality.

Current name: *Scalptia waikaiaensis* (Finlay, 1924) – Beu & Maxwell (1990: 163); MolluscaBase (2023).

† *Turehua lividorupis* Beu & P.A. Maxwell, 1987

Beu, A.G. and P.A. Maxwell, 1987, pp. 19, 20, fig. 2K, pl. 2c, f–j, m.

Holotype: GNS TM 5912

Paratype: MA72885, published as AM12235 in Beu and Maxwell (1987: 18), one specimen, from the type locality, early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Turehua lividorupis* Beu & P.A. Maxwell, 1987 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Turehua tenuispiralis* Beu & P.A. Maxwell, 1987

Beu, A.G. and P.A. Maxwell, 1987, p. 22, fig. 2H, pl. 1i, o, p.

Holotype: GNS TM 5962

Paratype: MA72884, published as AM11082 in Beu and Maxwell (1987: 22), one specimen, from the type locality, late Oligocene (Duntroonian) Wharekuri Greensand, south bank of Waitaki River, 0.8 km downstream from the mouth of Wharekuri Creek, Waitaki Valley, Otago, New Zealand.

Current name: *Turehua tenuispiralis* Beu & P.A. Maxwell, 1987 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Uxia (?) marshalli* R.S. Allan, 1926

Allan, R.S., 1926a, p. 342, pl. 77, figs 3a, b.

Holotype: MA71285, collected from middle Eocene (Kaiatan) Waihao Greensand, McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Paratype: MA72846, one specimen, from the type locality.

Remarks: Allan (1926a: 342) gave the length of the holotype specimen as 10 mm and that of the paratype as 12 mm. The specimen identified as the holotype in the AM's collection, MA71285, is 10 mm long whereas the paratype specimen, MA72846, is 8 mm long. Furthermore, MA71285 matches Allan's (1926a) pl. 77, fig. 3b, which he labelled the paratype, and MA72846 matches Allan's (1926a) pl. 77, fig. 3a, which he labelled the holotype. However, Allan also stated that the holotype has '4 whorls (broken at apex)' – which is consistent with specimen MA71285; and that the paratype has '5 whorls and a worn globular protoconch' – which is consistent with specimen MA72846.

Current name: *Fusiaphera marshalli* (R.S. Allan, 1926) – Beu and Raine (2009); MolluscaBase (2023).

† *Uxia naroniformis* Finlay, 1930

Finlay, H.J., 1930b, p. 80, not figured.

Holotype: MA70820, **Plate 9b, c**, collected from the early Miocene (Altonian) of the Mount Harris Formation, ‘Old Rifle Butts’, coast south of Cape Wanbrow, Oamaru, Otago, New Zealand.

Current name: *Fusiaphera naroniformis* (Finlay, 1930) – Beu and Raine (2009); MolluscaBase (2023).

Zeadmete aupouria Powell, 1940

Powell, A.W.B., 1940, p. 243, pl. 29, fig. 13.

Holotype: MA72171, collected from 256 m (140 fathoms) depth, Manawatāwhi/Three Kings Islands, New Zealand.

Paratype: MA71580, one specimen, from the type locality.

Current name: *Zeadmete aupouria* Powell, 1940 – MolluscaBase (2023).

Zeadmete barkeri Powell, 1952

Powell, A.W.B., 1952b, pp. 184, 185, pl. 36, fig. 1.

Holotype: MA71195, collected from 68 m (35 fathoms) depth, off Mayor Island/Tūhūa, Bay of Plenty, New Zealand.

Current name: *Zeadmete barkeri* Powell, 1952 – MolluscaBase (2023).

Zeadmete finlayi Powell, 1940

Powell, A.W.B., 1940, pp. 242, 243, pl. 29, fig. 12.

Holotype: MA72172, collected from 110 m (60 fathoms) depth, off North Cape, Northland, New Zealand.

Current name: *Zeadmete finlayi* Powell, 1940 – MolluscaBase (2023).

† *Zeadmete miocenica* Finlay, 1930

Finlay, H.J., 1930b, p. 78, not figured.

Holotype: MA70863, **Plate 9d**, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72473, two specimens, from the type locality.

Current name: *Zeadmete miocenica* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Zeadmete pliocenica* Finlay, 1930

Finlay, H.J., 1930b, pp. 77, 78, not figured.

Holotype: MA70864, **Plate 9e**, collected from Early–Middle Pleistocene (Castlecliffian), Castlecliff, Manawatū–Whanganui, New Zealand.

Current name: *Zeadmete pliocenica* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

Zeadmete subantarctica Powell, 1933

Powell, A.W.B., 1933d, p. 236, pl. 20, fig. 7.

Holotype: GNS TM 996

Paratype: MA72367* (missing), collected from the type locality, 91 m (50 fathoms) depth, off Snares

Islands/Tini Heke Islands, New Zealand.

Remarks: Paratype MA72367 has not been seen since at least 1993. However, Powell (1933d: 236) stated that ‘Holotype and paratype [singular] in the Suter Collection in Wanganui’. Suter’s types were purchased by GNS in 1946 (Boreham 1959), including the holotype, GNS 996, and a paratype, GNS 997, of *Zeadmete subantarctica*. It is therefore likely that the AM paratype registration was in error and there is no missing paratype.

Current name: *Zeadmete subantarctica* Powell, 1933 – MolluscaBase (2023).

Superfamily BUCCINOIDEA

Family uncertain

† *Austrofusus (Nassicola) contractus* Finlay, 1926

Finlay, H.J., 1926a, p. 236, pl. 56, figs 10, 11.

Holotype: MA70061, collected from the middle Miocene (Lillburnian) of the Park Bluff Sandstone, [Finlay’s bed 7 (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA71664, one specimen, from the type locality.

Current name: *Nassicola contracta* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Austrofusus (Nassicola) nassa* Finlay, 1926

Finlay, H.J., 1926a, p. 235, pl. 56, figs 8, 9.

Holotype: MA70065, collected from early Miocene (Altonian) Calamity Point Sandstone, [Finlay’s bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA71663, one specimen, from the type locality.

Current name: *Nassicola nassa* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Austrofusus (Nassicola) speighti* Marwick, 1932

Marwick, J., 1932, pp. 500–501, pl. 66, figs 16, 17, 19.

Holotype: CM M3179

Paratypes: MA72956, three specimens, collected probably by R. Speight, from the type locality, from middle Miocene (Waiauian) at Burnt Hill, North Canterbury, New Zealand.

Current name: *Nassicola speighti* (Marwick, 1932) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

Euthrenopsis bountyensis Powell, 1929

Powell, A.W.B., 1929, p. 90, pl. 3, fig. 58.

Holotype: MA70305, collected from 91 m (50 fathoms) depth, off the Bounty Islands, New Zealand.

Paratypes: MA71515, two specimens, from the type locality.

Current name: *Euthrenopsis bountyensis* Powell, 1929 – MolluscaBase (2023).

***Euthrenopsis otagoensis* Powell, 1929**

Powell, A.W.B., 1929, p. 89, pl. 3, fig. 57.

Holotype: MA70306, collected from 110 m (60 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratypes: MA71514, 15 specimens, from the type locality.

Current name: *Euthrenopsis otagoensis* Powell, 1929 – MolluscaBase (2023).

***Euthrenopsis venusta* Powell, 1929**

Powell, A.W.B., 1929, p. 89, pl. 3, fig. 56.

Holotype: MA70307, collected from 91 m (50 fathoms) depth, 29 km (18 miles) ESE of Oamaru, Otago, New Zealand.

Current name: *Euthrenopsis venusta* Powell, 1929 – MolluscaBase (2023).

† *Pseudofax filius* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 120, pl. 17, figs 2, 3.

Holotype: MA73362, collected from the early Eocene (Waipawan) Onekakara Group sediments [‘Island Sandstone’ of McKay 1882 (see Allan (1926b: 266, 267, 307))], Waihao River, Canterbury, New Zealand.

Current name: *Pseudofax filius* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† *Pseudofax sinusiger* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 119, pl. 17, fig. 4.

Holotype: MA73363, collected from the early Eocene (Waipawan) Onekakara Group sediments [‘Island Sandstone’ of McKay 1882 (see Allan (1926b: 266, 267, 307))], Waihao River, Canterbury, New Zealand.

Current name: *Pseudofax sinusigera* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† *Zelandiella cancellaria* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, pp. 77, 78, pl. 11, fig. 5.

Holotype: MA73351, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Zelandiella cancellaria* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† *Zelandiella fatua* Finlay, 1926

Finlay, H.J., 1926a, p. 237, pl. 58, figs 17, 18.

Holotype: MA71666, collected from middle Miocene (Waiauan) Double Corner Shellbeds, Lower Waipara Gorge, North Canterbury, New Zealand.

Paratypes: MA71667, two specimens, from the type locality.

Current name: *Zelandiella fatua* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† *Zelandiella imitatrix* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 78, pl. 11, fig. 8.

Holotype: MA73350, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Zelandiella imitatrix* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

Family AUSTROSIPHONIDAE***Austrosipho (Verconella) chathamensis* Powell, 1938**

Powell, A.W.B., 1938d, pp. 167, 168, pl. 40, fig. 7.

Holotype: MA70077, collected by A. Wotherspoon, from Kaingaroa, Chatham Islands, New Zealand.

Paratype: MA71441, from the type locality.

Current name: *Penion chathamensis* (Powell, 1938) – Vaux *et al.* (2020); MolluscaBase (2023).

† *Austrosipho (Verconella) edita* Powell, 1934

Powell, A.W.B., 1934a, p. 271, pl. 60, figs 24, 25.

Holotype: MA70078, collected by A.W.B. Powell in August 1933, from the Late Pleistocene (Haweran) Te Piki Member, Waipaoa Formation, from a road-cutting approximately 6 km east of Whangaparaoa (Cape Runaway), Bay of Plenty, New Zealand.

Paratypes: MA73477; MA73478; all from the type locality.

Current name: *Penion sulcatus* (Lamarck, 1816) – Beu and Raine (2009); MolluscaBase (2023).

† *Austrosipho (Verconella) exoptatus* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 430, 431, pl. 34, figs 5, 6.

Holotype: MA72012, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratypes: MA71703, two specimens, from the type locality.

Current name: *Penion exoptatus* (Powell & Bartrum, 1929) – Beu and Raine (2009); MolluscaBase (2023).

† *Austrosipho (Verconella) haweraensis* Powell, 1931

Powell, A.W.B., 1931a, p. 104, pl. 13, figs 28, 29.

Holotype: MA70079, collected by A.W.B. Powell during an AM fieldtrip in January 1931, from the late Pliocene (Waipipian) Tangahoe Formation near the mouth of Waihi Stream, Hawera, New Zealand.

Paratype: MA71642, one specimen, from the type locality.

Current name: *Penion haweraensis* (Powell, 1931) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

***Penion benthiculus delli* Powell, 1971**

Powell, A.W.B., 1971, pp. 222, 223, fig. 24.

Holotype: MA71333, collected by C. Wormald, from 366–475 m depth, ENE of Poor Knights Islands, Northland, New Zealand.

Paratype: MA71959, one specimen, from the type locality.

Current name: *Antarctoneptunea benthicola* (Dell, 1956) – Vaux *et al.* (2017); MolluscaBase (2023).

† ***Verconella accipitris* Finlay, 1930**

Finlay, H.J., 1930b, p. 68, not figured.

Holotype: MA70825, collected by R.S. Allen and C.R. Laws, from the Early Pleistocene (Nukumaruan), Okauawa Stream, Kereru Road, Hawke's Bay, New Zealand.

Paratypes: MA72465, two specimens, collected from Maraekakaho-Kereru Road.

Current name: *Penion sulcatus* (Lamarck, 1816) – Beu and Raine (2009); MolluscaBase (2023).

***Verconella adpressa* Powell, 1947**

Powell, A.W.B., 1947a, p. 168, pl. 17, fig. 5.

Holotype: MA72198, trawled in about 1927, from 91 m (50 fathoms) depth, off Maunganui Bluff, Northland, New Zealand.

Current name: *Penion sulcatus* (Lamarck, 1816) – Beu and Raine (2009); MolluscaBase (2023).

***Verconella adusta mandarinoides* Powell, 1927**

Powell, A.W.B., 1927c, p. 558, pl. 31, figs 31, 32.

Holotype: MA72164, collected from 73–82 m (40–45 fathoms) depth, off Mercury Islands, Bay of Plenty, New Zealand.

Paratype: MA71414, one specimen, from the type locality.

Current name: *Penion sulcatus* (Lamarck, 1816) – Beu and Raine (2009); Maxwell in: Spencer *et al.* (2009: 245).

***Verconella adusta worthyae* Powell, 1947**

Powell, A.W.B., 1947a, p. 167, pl. 17, fig. 2.

Holotype: MA71144, trawled in Cook Strait, probably Tasman Bay, Nelson, New Zealand.

Paratype: MA71433, one specimen, from the type locality.

Current name: *Penion sulcatus* (Lamarck, 1816) – Powell (1979: 200); MolluscaBase (2023).

† ***Verconella affixa* Finlay, 1930**

Finlay, H.J., 1930b, p. 69, pl. 2, fig. 18.

Holotype: MA70826, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA72475, two specimens, from the type locality.

Current name: *Penion affixus* (Finlay, 1930) – MolluscaBase (2023).

† ***Verconella allani* Finlay, 1930**

Finlay, H.J., 1930b, pp. 71, 72, pl. 3, fig. 28.

Holotype: MA70827, collected by R.S. Allan, probably from the Early Pleistocene (Nukumaruan) Tewkesbury Formation, Nukumar Beach, Manawatū-Whanganui, New Zealand.

Paratype: MA72467, one specimen, from the type locality.

Current name: *Penion sulcatus* (Lamarck, 1816) – Beu and Raine (2009); MolluscaBase (2023).

† ***Verconella clifdenensis* Finlay, 1930**

Finlay, H.J., 1930b, pp. 69, 70, pl. 2, fig. 19.

Holotype: MA70828, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Penion clifdenensis* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

***Verconella dilatata cuvieriana* Powell, 1927**

Powell, A.W.B., 1927c, pp. 553, 554, pl. 29, figs 13, 14.

Holotype: MA72165, collected from 64–73 m (35–40 fathoms) depth, off Cuvier Island, Waikato, New Zealand.

Paratype: MA71410, one specimen, from the type locality.

Current name: *Penion cuvierianus* (Powell, 1927) – Vaux *et al.* (2020); MolluscaBase (2023).

***Verconella dilatata rex* Finlay, 1926**

Finlay, H.J., 1926b, p. 412, pl. 20, figs 71, 72.

Holotype: MA70830, collected from 73 m (40 fathoms) depth, off Whakatane, Bay of Plenty, New Zealand.

Paratype: MA73085, one specimen, from the type locality.

Current name: *Penion cuvierianus* (Powell, 1927) – Vaux *et al.* (2020); MolluscaBase (2023).

***Verconella dilatata rotunda* Powell, 1927**

Powell, A.W.B., 1927c, pp. 554, 555, pl. 29, figs 11, 12.

Holotype: MA72166, collected from 46–55 m (25–30 fathoms) depth, off Whakatane, Bay of Plenty, New Zealand.

Paratype: MA71411, one specimen, from the type locality.

Current name: *Penion cuvierianus* (Powell, 1927) – Vaux *et al.* (2020); MolluscaBase (2023).

***Verconella dispar* Powell, 1947**

Powell, A.W.B., 1947a, pp. 165, 166, pl. 18, fig. 3.

Holotype: MA72199, trawled by the *ST Futurist* in 1925, from 55–73 m (30–40 fathoms) depth, off Cape Campbell, Marlborough, New Zealand.

Current name: *Penion ormesi* (Powell, 1927) – Vaux *et al.* (2020); MolluscaBase (2023).

***Verconella elongata* Powell, 1927**

Powell, A.W.B., 1927c, p. 555, pl. 30, figs 23, 24.

Holotype: MA72167, collected from 35–37 m (19–20 fathoms) depth, off Whale Island, Bay of Plenty, New Zealand.

Paratype: MA71412, one specimen, from the type locality.

Current name: *Penion cuvierianus* (Powell, 1927) – Vaux *et al.* (2020); MolluscaBase (2023).

***Verconella fairfieldae* Powell, 1947**

Powell, A.W.B., 1947a, p. 169, pl. 18, figs 1, 2.

Holotype: MA71145, trawled off eastern Otago, Otago, New Zealand.

Paratype: MA71434, one specimen, from the type locality.

Current name: *Penion chathamensis* (Powell, 1938) – Vaux *et al.* (2020: 1117); MolluscaBase (2023).

† *Verconella falsa* Finlay, 1930

Finlay, H.J., 1930b, p. 71, not figured.

Finlay, H.J., 1926b, p. 412, pl. 20, fig. 70 (= *Verconella dilatata* of authors not Quoy & Gaimard)

Holotype: MA70831, collected from the Early–Middle Pleistocene (Castlecliffian), Castlecliff, Manawatū–Whanganui, New Zealand.

Paratype: MA72466, one specimen, from the type locality.

Current name: *Penion sulcatus* (Lamarck, 1816) – Beu and Raine (2009); MolluscaBase (2023).

† *Verconella finlayi* Laws, 1930

Laws, C.R., 1930, pp. 552, 553, pl. 91, figs 12, 15.

Holotype: MA70832, collected by P. Marshall, from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Penion finlayi* (Laws, 1930) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Verconella hiatula* Powell, 1947

Powell, A.W.B., 1947a, p. 166, pl. 17, fig. 3.

Holotype: MA72200, collected by A.W.B. Powell in January 1927, from the Early–Middle Pleistocene (Castlecliffian) between Kai Iwi and Okehu Streams, Manawatū–Whanganui, New Zealand.

Paratype: MA73581, one specimen, from the type locality.

Current name: *Penion hiatulus* (Powell, 1947) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† *Verconella interjuncta* Finlay, 1930

Finlay, H.J., 1930b, p. 68, not figured.

Holotype: MA70833, **Plate 7f, g**, collected from middle Miocene (Waiauian) Nissen Shellbeds 2–6, [Finlay's bed 8A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA72476, three specimens, from the type locality.

Current name: *Penion interjunctus* (Powell, 1947) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

***Verconella jeakingsi* Powell, 1947**

Powell, A.W.B., 1947a, p. 167, pl. 17, fig. 1.

Holotype: MA71146, trawled in Cook Strait, probably Tasman Bay, Nelson, New Zealand.

Paratypes: MA71432, two specimens.

Current name: *Penion ormesi* (Powell, 1927) – Vaux *et al.* (2020: 1117); MolluscaBase (2023).

† *Verconella marwicki* Finlay, 1930

Finlay, H.J., 1930b, pp. 67, 68, pl. 2, figs 15, 16.

Holotype: MA70834, collected from the early Miocene (Altonian) Mount Harris Formation, Mount Harris, Canterbury, New Zealand.

Current name: *Penion marwicki* (Finlay, 1930) – Vaux *et al.* (2020: 1114ff.); MolluscaBase (2023).

***Verconella ormesi* Powell, 1927**

Powell, A.W.B., 1927c, pp. 555, 556, pl. 29, figs 15–17.

Holotype: NMNZ M.001408

Paratypes: MA71413, three specimens, trawled from the type locality, 91–110 m (50–60 fathoms) depth, off Cape Campbell, Marlborough, New Zealand.

Current name: *Penion ormesi* (Powell, 1927) – Vaux *et al.* (2020: 1117); MolluscaBase (2023).

† *Verconella parans* Finlay, 1930

Finlay, H.J., 1930b, p. 70, pl. 2, fig. 17; pl. 3, fig. 27.

Holotype: MA70835, collected from the early Miocene (Altonian) Long Beach Shellbed, [Finlay's bed 6B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Penion parans* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† *Verconella proavita* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 76, pl. 10, fig. 4.

Holotype: MA73353, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Penion proavitus* (Finlay & Marwick, 1937) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

Family COLUBRARIIDAE***Iredalula venusta* Powell, 1934**

Powell, A.W.B., 1934b, pp. 157, 158, pl. 22, fig. 9.

Holotype: MA72071, collected by H. Hamilton in April 1926, from the ST *Futurist*, from 73–110 m (40–60 fathoms) depth, off Cape Campbell, Marlborough, New Zealand.

Current name: *Iredalula alticincta* (Murdoch & Suter, 1906) – MolluscaBase (2023).

Family COLUMBELLIDAE***Anachis* (? *Costoanachis*) *fayae* Keen, 1971**

Keen, A.M., 1971, p. 579, fig. 1178.

Paratypes: MA71774, two specimens, collected by F.B. Howard in February 1967, from the type locality, Playa Caracol, Guaymas, Sonora, Mexico.

Current name: *Anachis fayae* Keen, 1971 – MolluscaBase (2023).

***Antimitrella laxa* Powell, 1937**

Powell, A.W.B., 1937b, p. 214, pl. 56, fig. 7.

Holotype: NHM 19621058

Paratypes: MA71922, two specimens; MA72298, two specimens; all collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Antimitrella laxa* Powell, 1937 – MolluscaBase (2023).

***Antizafra vivens* Powell, 1934**

Powell, A.W.B., 1934b, pp. 159, 160, pl. 22, figs 7, 8.

Holotype: MA72008, collected by J. Bollons, from 7 m (4 fathoms) depth, off Whangārei Heads [Busby Head], Northland, New Zealand.

Current name: *Macrozafra vivens* (Powell, 1934) – MolluscaBase (2023).

***Aoteatilia larochei* Powell, 1940**

Powell, A.W.B., 1940, p. 241, pl. 32, fig. 8.

Holotype: MA70038, collected by W. La Roche, from 22 m (12 fathoms) depth, ‘off Awanui, Doubtless [Rangaunu] Bay’, Northland, New Zealand.

Remarks: Powell (1940) is imprecise in his depth. On his label and in the type description he has ‘10 fathoms off Awanui, Doubtless Bay’, as well as station D.22T (Powell, 1940: 215) which is given as 12 fathoms depth. Powell frequently conflated Rangaunu Bay and Doubtless Bay, but as the specimen was collected by W. La Roche the locality is likely to have been in Rangaunu Bay (for a further discussion of La Roche sampling localities see Blom (2022: 6)).

Current name: *Aoteatilia larochei* Powell, 1940 – MolluscaBase (2023).

***Exomilopsis hipkinsi* Powell, 1964**

Powell, A.W.B., 1964a, p. 17, pl. 3, fig. 7.

Holotype: MA71240, collected from 5.5–7.3 m (3–4 fathoms) depth, between Cape Maria van Diemen and Motuopao Island, Northland, New Zealand.

Paratype: MA71469, one specimen, from the type locality.

Current name: *Exomilopsis hipkinsi* Powell, 1964 – MolluscaBase (2023).

***Liratilia compta* Powell, 1930**

Powell, A.W.B., 1930a, pp. 542, 543, pl. 61, fig. 9.

Holotype: MA72081, collected by W. La Roche in 1923, from Taupo Bay, Northland, New Zealand.

Current name: *Liratilia compta* Powell, 1930 – MolluscaBase (2023).

***Liratilia elegantula* Powell, 1937**

Powell, A.W.B., 1937b, p. 215, pl. 56, fig. 1.

Holotype: NHM 19621060

Paratypes: MA71935, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Liratilia elegantula* Powell, 1937 – MolluscaBase (2023).

***Liratilia gracilis* Powell, 1940**

Powell, A.W.B., 1940, pp. 241, 242, pl. 32, fig. 7.

Holotype: MA70409, collected from 22 m (12 fathoms) depth, ‘off Awanui’, [Rangaunu Bay], Northland, New Zealand.

Remarks: Powell (1940) is imprecise in his locality description, which is ‘12 fathoms off Awanui, Doubtless Bay’. Awanui is at the head of the Awanui River, which flows into the Rangaunu Harbour, but the depth is consistent with Rangaunu Bay rather than Rangaunu Harbour. The locality data indicates it may have been collected by W. La Roche (see Blom (2022: 6) for a discussion of La Roche’s sampling localities).

Current name: *Liratilia conquisita gracilis* Powell, 1940 – MolluscaBase (2023).

***Liratilia sinuata* Powell, 1937**

Powell, A.W.B., 1937b, pp. 214, 215, pl. 56, fig. 2.

Holotype: NHM 19621059

Paratypes: MA72299, four specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Liratilia sinuata* Powell, 1937 – MolluscaBase (2023).

***Liratilia subnodosa* Powell, 1934**

Powell, A.W.B., 1934b, pp. 158, 159, pl. 21, figs 4, 5.

Holotype: MA70410, collected by W. La Roche, from under stones at low tide, Taupo Bay, Whangaroa, Northland, New Zealand.

Paratypes: MA71915, ten specimens, from the type locality.

Current name: *Liratilia subnodosa* Powell, 1934 – MolluscaBase (2023).

***Macrozafra enwrighti* Powell, 1940**

Powell, A.W.B., 1940, p. 242, pl. 32, fig. 5.

Holotype: MA70426, collected by MV *Maude E* in February 1937, from 110 m (60 fathoms) depth, off North Cape, Northland, New Zealand.

Current name: *Macrozafra enwrighti* Powell, 1940 – MolluscaBase (2023).

***Macrozafra mariae* Powell, 1940**

Powell, A.W.B., 1940, p. 242, pl. 32, fig. 6.

Holotype: MA70427, collected 'per lighthouse keeper' from beach drift, Cape Maria van Diemen, Northland, New Zealand.

Paratypes: MA71579, three specimens, from the type locality.

Current name: *Macrozafra mariae* Powell, 1940 – MolluscaBase (2023).

***Paxula allani* Finlay, 1928**

Finlay, H.J., 1928, p. 257, pl. 41, figs 38, 39.

Holotype: MA70612, collected from Chatham Islands, New Zealand.

Paratypes: MA72560, 23 specimens, from the type locality.

Remarks: See *Lasaea rossiana vexata* Finlay, 1928 (MA70389) for further comments on provenance.

Current name: *Paxula allani* Finlay, 1928 – MolluscaBase (2023).

***Paxula sorenseni* Powell, 1955**

Powell, A.W.B., 1955, p. 109, pl. 1, fig. 6.

Holotype: MA71227, collected by J.H. Sorensen between 1941 and 1945, during the 'Cape Expedition', Campbell Island/Motu Ihupuku, New Zealand.

Paratypes: MA71614, eight specimens, from the type locality.

Current name: *Paxula subantarctica sorenseni* Powell, 1955 – MolluscaBase (2023).

†*Zafra opihensis* Laws, 1933

Laws, C.R., 1933, pp. 324, 325, not figured.

Holotype: MA70855, **Plate 7h, i**, collected by C.R. Laws, from early Miocene (Altonian) sediments, about 4.8 km (3 miles) above the confluence of the Opihi and Tengawai Rivers, south Canterbury, New Zealand.

Current name: *Zafra opihensis* Laws, 1933 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

***Zemitrella annectens* Powell, 1937**

Powell, A.W.B., 1937b, pp. 212, 213, pl. 56, fig. 4.

Holotype: NHM 19621055

Paratypes: MA72295, four specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Zemitrella annectens* Powell, 1937 – MolluscaBase (2023).

***Zemitrella attenuata* Powell, 1940**

Powell, A.W.B., 1940, p. 240, pl. 32, fig. 4.

Holotype: MA70882, collected by J. Bollons, from the stomach of a fish caught off Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA71578, six specimens, from the type locality.

Current name: *Zemitrella attenuata* Powell, 1940 – MolluscaBase (2023).

***Zemitrella benthicola* Dell, 1956**

Dell, R.K., 1956b, p. 110, pl. 11, fig. 109.

Holotype: NMNZ M.009246

Paratype: MA72760, one specimen, collected by E.J. Batham on 28 March 1954, from the type locality, from 457–640 m (260–350 fathoms) depth, Karitane Canyon, off Otago Peninsula, New Zealand.

Current name: *Zemitrella benthicola* Dell, 1956 – MolluscaBase (2023).

***Zemitrella constans* Powell, 1955**

Powell, A.W.B., 1955, pp. 107, 108, pl. 1, fig. 7.

Holotype: GNS TM 999

Paratype: MA72384, one specimen, collected by C.A. Fleming during 1942–1943 as part of the 'Cape Expedition', from the type locality, from 11 m (6 fathoms) depth, Emergency Bay, Carnley Harbour, Auckland Islands, New Zealand.

Current name: *Zemitrella sulcata constans* Powell, 1955 – MolluscaBase (2023).

†*Zemitrella contigua* Powell, 1934

Powell, A.W.B., 1934a, p. 274, pl. 59, figs 21, 22.

Holotype: MA70883, collected by A.W.B. Powell in August 1933, from the Late Pleistocene (Haweran) Te Piki Member, Waipaoa Formation, from a road-cutting approximately 6 km east of Whangaparaoa (Cape Runaway), Bay of Plenty, New Zealand.

Paratypes: MA73561, six specimens, from the type locality.

Current name: *Zemitrella contigua* Powell, 1934 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

***Zemitrella curvirostris* Powell, 1937**

Powell, A.W.B., 1937b, pp. 213, 214, pl. 56, fig. 6.

Holotype: NHM 19621057

Paratypes: MA72297, three specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Zemitrella laevigata curvirostris* Powell, 1937 – MolluscaBase (2023).

***Zemitrella fallax* Powell, 1940**

Powell, A.W.B., 1940, p. 240, pl. 32, fig. 3.

Holotype: MA70884, collected by A.W.B. Powell in 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Current name: *Zemitrella fallax* Powell (1940) – MolluscaBase (2023).

***Zemitrella finlayi* Powell, 1933**

Powell, A.W.B., 1933i, pp. 206, 207, pl. 36, fig. 6.

Holotype: MA70885, collected by A.W.B. Powell in February 1933, from shell sand, Waitangi, Chatham Islands, New Zealand.

Paratypes: MA72436, six specimens, from the type locality.

Current name: *Zemitrella finlayi* Powell, 1933 – MolluscaBase (2023).

† *Zemitrella haroldi* Laws, 1935

Laws, C.R., 1935c, pp. 40, 41, pl. 6, fig. 25.

Holotype: MA70886, assumed to have been collected by C.R. Laws, from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72683, nine specimens, from the type locality.

Current name: *Zemitrella haroldi* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

***Zemitrella laevirostris* Powell, 1940**

Powell, A.W.B., 1940, p. 241, pl. 32, fig. 2.

Holotype: MA70887, collected by A.W.B. Powell in 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Current name: *Zemitrella laevirostris* Powell, 1940 – MolluscaBase (2023).

† *Zemitrella mahoenuica* Laws, 1935

Laws, C.R., 1935c, p. 41, pl. 6, fig. 26.

Holotype: MA70888, collected by C.R. Laws, from the early Miocene (Otaian) Mahoenui Formation, about 1.6 km (1 mile) east of Awakino Gorge road tunnel, Waikato, New Zealand.

Current name: *Zemitrella mahoenuica* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

***Zemitrella regis* Powell, 1940**

Powell, A.W.B., 1940, p. 240, pl. 32, fig. 1.

Holotype: MA72176, collected from 256 m (140 fathoms) depth, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Zemitrella regis* Powell, 1940 – MolluscaBase (2023).

***Zemitrella sericea* Powell, 1937**

Powell, A.W.B., 1937b, p. 212, pl. 56, fig. 3.

Holotype: NHM 19621054

Paratype: MA72294, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Zemitrella sericea* Powell, 1937 – MolluscaBase (2023).

***Zemitrella turgida* Powell, 1937**

Powell, A.W.B., 1937b, p. 213, pl. 56, fig. 5.

Holotype: NHM 19621056

Paratypes: MA72296, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Zemitrella turgida* Powell, 1937 – MolluscaBase (2023).

Family COMINELLIDAE***Acominia adspersa nimia* Finlay, 1928**

Finlay, H.J., 1928, pp. 254, 255, pl. 39, figs 17, 18.

Holotype: MA70006, collected from Chatham Islands, New Zealand.

Paratype: MA72559, one specimen, from the type locality.

Remarks: See *Lasaea rossiana vexata* Finlay, 1928 (MA70389) for further comments on provenance.

Current name: *Cominella adspersa* (Bruguiere, 1789) – Powell (1979: 192); MolluscaBase (2023).

† *Acominia ridicula* Finlay, 1926

Finlay, H.J., 1926a, pp. 244, 245, pl. 58, figs 1, 2.

Holotype: MA70007, collected from middle Miocene (Clifdenian) Slip Point Sandstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA71675, one specimen, from the type locality.

Current name: *Cominella ridicula* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Clathurella hamiltoni* F.W. Hutton, 1885

Hutton, F.W., 1885, p. 316, pl. 18, fig. 7.

Lectotype (designated here): MA72883, assumed to have been collected by A. Hamilton, from Early Pleistocene (Nukumarian) Tangoio Limestone, north of Petane Pa, Hawke's Bay, New Zealand.

Paralectotypes: MA73866, 11 specimens, from the type locality.

Remarks: The 12 specimens appear to have come from the Augustus Hamilton Collection into the AM collections as a single lot. Powell's handwritten label

designated them as ‘co-types’ and no single primary type specimen has been located. Even though Hutton (1885) did not specifically mention a primary type he gave measurements for a specimen as ‘Length, .65 inch; breadth, .88 inch. Length of aperture, .25 inch’. As a single specimen from the 12 conformed to these measurements, in the interest of taxonomic stability it has been designated here as lectotype, MA72883. The remaining 11 specimens are paralectotypes, MA73688.
Current name: *Cominella hamiltoni* (F.W. Hutton, 1885) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

***Cominella (Cominella) excoriata tolagaensis* Ponder, 1968**
 Ponder, W.F., 1968a, pp. 37–39, pl. 4, figs 49–51.

Holotypes: NMNZ M.021552

Paratypes: MA73600, seven specimens, collected by N. Douglas on 19 May 1967, from the type locality, from baited traps at Tolaga Bay Wharf, Tolaga Bay, Gisborne, New Zealand.

Current name: *Cominella tolagaensis* Ponder, 1968 – Donald *et al.* (2015: 328).

***Cominella virgata brookesi* Powell, 1952**

Powell, A.W.B., 1952b, p. 181, pl. 35, fig. 7.

Holotype: MA71191, collected by D. Forsyth, Whatu-whiwhi, Karikari Peninsula, Northland, New Zealand.

Paratypes: MA71904, eight specimens, from the type locality.

Current name: *Cominella virgata* H. Adams & A. Adams – Donald *et al.* (2015: 328); MolluscaBase (2023).

† ***Cominella (Acominia) dingleyi* Marwick, 1948**

Marwick, J. 1948, pp. 31, 32, pl. 7, figs 9, 15.

Holotype: MA70945, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitematā Brewery well, Ōtāhuhu, Auckland, New Zealand.

Current name: *Cominella dingleyi* Marwick, 1948 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† ***Cominella (Acominia) kereruensis* Laws, 1932**

Laws, C.R., 1932, pp. 197, 198, pl. 28, figs 19, 20.

Holotype: MA70188, collected by C.R. Laws, from the early Pleistocene (Nukumaruan), ‘2nd stream’ [Okauawa Stream], ‘Marae[kakaho]–Kereru Road’, Kereru District, Hawke’s Bay, New Zealand.

Paratype: MA37036, five specimens; MA37037, figured specimen (pl. 28, fig. 19); all from the type locality.

Current name: *Cominella kereruensis* Laws, 1932 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† ***Cominella (Acominia) scirifer* Laws, 1933**

Laws, C.R., 1933, pp. 323, 324, pl. 32, figs 29, 33.

Holotype: MA70189, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at Sutherlands,

Tengawai River, South Canterbury, New Zealand.

Paratype: MA72664, one specimen, from the type locality.

Current name: *Cominella scirifer* Laws, 1933 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† ***Cominella (Cominista) altispira* Marwick, 1948**

Marwick, J., 1948, p. 31, pl. 7, figs 7, 16, 17.

Holotype: MA70946, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitematā Brewery well, Ōtāhuhu, Auckland, New Zealand.

Current name: *Cominella altispira* Marwick, 1948 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

***Cominella (Cominula) euthriaformis* Powell, 1929**

Powell, A.W.B., 1929, p. 96, pl. 4, fig. 77.

Holotype: MA72050, collected by A.W.B. Powell in 1924, from the coast between Muriwai and Te Henga, Auckland, New Zealand.

Current name: *Cominella acuminata* F.W. Hutton, 1893 – MolluscaBase (2023).

† ***Cominella (Cominula) kemp* Powell, 1934**

Powell, A.W.B., 1934a, p. 272, pl. 58, figs 12, 13.

Holotype: MA70187, collected by A.W.B. Powell in August 1933, from the Late Pleistocene (Haweran) Te Piki Member, Waipaoa Formation, from a road-cutting approximately 6 km east of Whangaparaoa (Cape Runaway), Bay of Plenty, New Zealand.

Paratype: MA73512, one specimen, from the type locality.

Current name: *Cominella quoyana* A. Adams, 1855 – Powell (1979: 193); MolluscaBase (2023).

***Cominella (Cominula) youngi* Powell, 1940**

Powell, A.W.B., 1940, p. 239, pl. 33, figs 9, 10.

Holotype: MA70190, collected by F. Young between 1932 and 1936, Motuopao Island, Northland, New Zealand.

Paratypes: MA71577, 26 specimens, with same collection data as the holotype; MA72658, figured specimen (pl. 33, fig. 9), from the type locality, but unknown collector and collection date.

Current name: *Cominella necopinata* (Finlay, 1930) – Powell (1979: 193); MolluscaBase (2023).

***Cominella (Eucominia) ellisoni consobrina* Powell, 1933**

Powell, A.W.B., 1933i, p. 206, pl. 36, fig. 8.

Holotype: MA70186, collected by A.W.B. Powell in February 1933, Owenga, Chatham Islands, New Zealand.

Paratypes: MA71538, two specimens, from the type locality.

Current name: *Cominella nassoides consobrina* Powell, 1933 – MolluscaBase (2023).

***Cominella (Eucominia) haroldi* Powell, 1946**

Powell, A.W.B., 1946b, pp. 142, 143, pl. 12, figs. 8, 9.

Holotype: MA70947, collected pre-1937, from Taiari/Chalky Inlet, Southland, New Zealand.

Paratypes: MA71451, one specimen; MA71576, one specimen; both collected by A. Traill from a crayfish pot, from the type locality.

Current name: *Cominella nassoides haroldi* Powell, 1946 – MolluscaBase (2023).

***Cominella (Eucominia) marlboroughensis* Powell, 1946**

Powell, A.W.B., 1946b, pp. 143, 144, pl. 12, fig. 10.

Holotype: MA71453, collected from 128 m (70 fathoms) depth, Campbell Bank, 48 km (30 miles) south of Wellington and 40 km (25 miles) east of Cape Campbell, New Zealand.

Current name: *Cominella elegantula* (Finlay, 1926) – MolluscaBase (2023).

***Cominella (Eucominia) mirabilis* Powell, 1929**

Powell, A.W.B., 1929, pp. 93, 94, pl. 4, fig. 76.

Holotype: MA72051, collected by J. Bollons in 1914, from 172 m (98 fathoms) depth, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Cominella mirabilis mirabilis* Powell, 1929 – MolluscaBase (2023).

***Cominella (Eucominia) nassoides foveauxana* Powell, 1946**

Powell, A.W.B., 1946b, p. 142, pl. 12, figs 3, 4.

Holotype: MA70948, collected pre-1919, from Foveaux Strait, Southland, New Zealand.

Current name: *Cominella nassoides* (Reeve, 1846) – MolluscaBase (2023).

***Cominella (Eucominia) otakaica* Powell, 1946**

Powell, A.W.B., 1946b, p. 143, pl. 12, figs 5–7.

Holotype: MA70949, collected from 110 m (60 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratypes: MA71452, 18 specimens, from the type locality.

Current name: *Cominella nassoides otakaica* Powell, 1946 – MolluscaBase (2023).

***Cominella (Josepha) quoyana griseicalx* Willan, 1978**

Willan, R.C., 1978, pp. 438–441, fig. 3a.

Holotype: MA71358, collected live by R.C. Willan on 21 December 1976, from 15 m depth, SW corner of South East Bay, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA73130, five specimens, from the type locality.

Current name: *Cominella griseicalx* Willan, 1978 – Donald *et al.* (2015: 323); MolluscaBase (2023).

***Cominella (Josepha) regalis* Willan, 1978**

Willan, R.C., 1978, p. 438, figs 1a–d, 2a, c–e.

Holotype: MA71356, collected live by G. Hartley on 27 January 1977, from 21 m depth, Cascade Bay, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA73131, three specimens, collected by G. Hartley on 23 January 1977; MA73132, two specimens, collected by G. Hartley on 25 January 1977; MA73133, six specimens, collected by R.C. Willan on 21 December 1976; all from the type locality.

Current name: *Cominella regalis* Willan, 1978 – MolluscaBase (2023).

† *Cominella (Paracomina) lignaria* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, p. 433, pl. 45, figs 82–84.

Holotype: AUNZ G5651

Paratypes: MA71705, nine specimens, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Current name: *Paracomina lignaria* (Powell & Bartrum, 1929) – Maxwell *in:* Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Cominista chattonensis* Finlay, 1926

Finlay, H.J., 1926a, p. 244, pl. 58, figs 5, 6.

Holotype: MA70184, collected from the late Oligocene (Duntroonian) Chatton Formation, Okapua Creek, Chatton, Southland, New Zealand.

Paratype: MA71672, one specimen, from the type locality.

Current name: *Cominella chattonensis* (Finlay, 1926) – Maxwell *in:* Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Cominista obsoleta* Finlay, 1926

Finlay, H.J., 1926a, p. 244, pl. 58, figs 3, 4.

Holotype: MA70185, assumed to have been collected from the Early Pleistocene (Nukumaruan) Nukumar Brown Sand, 7 km SE of Waiinu Beach, near the site of the former ‘Nukumar boat-landing’, Manawatū-Whanganui, New Zealand.

Paratype: MA71673, one specimen, from the type locality.

Current name: *Cominella obsoleta* (Finlay, 1926) – Maxwell *in:* Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Cominula (Procominula) denselirata* Finlay, 1926

Finlay, H.J., 1926a, pp. 242, 243, pl. 58, fig. 9.

Holotype: MA70191, collected from late Oligocene/early Miocene (Waitakian) Otekaike Limestone, ‘Trig Z’ (Fossil Record File I40/f9519; Beu and Maxwell 1990: 160), Otiake, Waitaki Valley, New Zealand.

Current name: *Cominella denselirata* (Finlay, 1926) – Beu & Maxwell (1990: 160); MolluscaBase (2023).

† *Cominula (Procominula) praecox* Finlay, 1926

Finlay, H.J., 1926a, p. 243, not figured.

Holotype: MA70192, **Plate 7j**, collected from the late Oligocene (Duntroonian) Wharekuri Greensand, Wharekuri, true left bank of the Waitaki River, 1.6 km below Wharekuri (site now submerged beneath Lake Waitaki), north Otago, New Zealand.

Current name: *Cominella praecox* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Cominula (Procominula) propinqua* Finlay, 1926

Finlay, H.J., 1926a, p. 243, not figured.

Holotype: MA70193, **Plate 7k, l**, collected from the late Oligocene (Duntroonian) Wharekuri Greensand, Wharekuri, true left bank of the Waitaki River, 1.6 km below Wharekuri (site now submerged beneath Lake Waitaki), north Otago, New Zealand.

Current name: *Cominella propinqua* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Cominula (Procominula) pukeuriensis* Finlay, 1926

Finlay, H.J., 1926a, p. 242, pl. 58, figs 10, 11.

Holotype: MA70194, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratype: MA71671, one specimen, from the type locality.

Current name: *Cominella pukeuriensis* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Eucominia elegantula* Finlay, 1926

Finlay, H.J., 1926a, pp. 240, 241, pl. 57, figs 14, 15.

Holotype: MA70281, collected from the Early–Middle Pleistocene (Castlecliffian), Castlecliff, Manawatū–Whanganui, New Zealand.

Paratype: MA71669, one specimen, from the type locality.

Current name: *Cominella elegantula* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Eucominia elegantula verrucosa* Finlay, 1926

Finlay, H.J., 1926a, p. 241, pl. 57, fig. 16.

Holotype: MA70282, collected from Early–Middle Pleistocene (Castlecliffian), Castlecliff, Manawatū–Whanganui, New Zealand.

Current name: *Cominella elegantula* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Eucominia excoriata* Finlay, 1926

Finlay, H.J., 1926a, p. 241, pl. 57, fig. 13.

Holotype: MA70283, collected from the Early Pleistocene (Nukumaruan), Kikowhero Stream,

Matapiro Station, north side of Ngaruroro River, Hawke's Bay, New Zealand.

Current name: *Cominella excoriata* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

Eucominia iredalei Finlay, 1928

Finlay, H.J., 1928, pp. 255, 256, pl. 39, figs 15, 16.

Holotype: MA70284, collected from Chatham Islands, New Zealand.

Paratype: MA73535, one specimen, from the type locality.

Remarks: See *Lasaea rossiana vexata* Finlay, 1928 (MA70389) for further comments on provenance.

Current name: *Cominella nassoides iredalei* (Finlay, 1928) – MolluscaBase (2023).

† *Eucominia marshalli* Laws, 1932

Laws, C.R., 1932, p. 198, pl. 28, fig. 21.

Holotype: MA70285, collected by P. Marshall, from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Cominella marshalli* (Laws, 1932) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Eucominia nana* Finlay, 1926

Finlay, H.J., 1926a, pp. 241, 242, pl. 58, fig. 7.

Holotype: MA70286, collected from the late Oligocene/early Miocene (Waitakian) sandy beds above the [Otekaike] Limestone (Finlay, 1926a: 242), Otiake, Waitaki Valley, Otago, New Zealand.

Current name: *Cominella nana* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

Fax alertae Dell, 1956

Dell, R.K., 1956a, pp. 92, 93, pl. 13, fig. 133.

Holotype: NMNZ M.009773

Paratype: MA72807, two specimens, collected during the Chatham Islands Expedition on 24 January 1954, from the type locality, from 402 m (220 fathoms) depth, Chatham Rise, New Zealand.

Current name: *Cominella alertae* (Dell, 1956) – MolluscaBase (2023).

Pareuthria venustula Powell, 1951

Powell, A.W.B., 1951c, pp. 134, 135, pl. 6, fig. 17.

Holotype: NHM 1961491

Paratype: MA71934, one specimen collected on 17 April 1930, from the type locality, station 388, Discovery Committees cruise, in 121 m depth, between Cape Horn and Staten Island, Southern Ocean.

Current name: *Pareuthria venustula* Powell, 1951 – MolluscaBase (2023).

***Radulphus necopinatus* Finlay, 1930**

Finlay, H.J., 1930c, pp. 236, 237, not figured.

Holotype: MA70662, **Plate 8a**, collected from Cape Maria van Diemen, Northland, New Zealand.

Paratype: MA72583, one specimen, from the type locality.

Current name: *Cominella necopinata* (Finlay, 1930) – MolluscaBase (2023).

†*Zephos onokeana* L.C. King, 1933

King, L.C., p. 345, pl. 37, fig. 14.

Holotype: GNS TM 9439

Paratype: MA72878, six specimens, collected from the type locality, Early Pleistocene (early Nukumaruan) of the Onoke Formation, cliffs east of Lake Ferry, Palliser Bay, Wellington, New Zealand.

Current name: *Cominella onokeana* (L.C. King, 1933) – Beu (2011: 40); MolluscaBase (2023).

***Zephos otagoensis* Finlay, 1926**

Finlay, H.J., 1926b, pp. 417, 418, pl. 21, fig. 81.

Holotype: MA70892, trawled from 91 m (50 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratypes: MA72538, three specimens; MA72909, three specimens; all from the type locality.

Current name: *Cominella otagoensis* (Finlay, 1926) – Spencer *et al.* in: Spencer *et al.* (2009: 208); MolluscaBase (2023).

Family EOSIPHONIDAE***Cantharus aldermenensis* Powell, 1971**

Powell, A.W.B., 1971, pp. 221, 222, fig. 22.

Holotype: MA71331, collected by C. Wormald of the MV *Valkyrie* in 1969, from crevices in a piece of waterlogged wood, from 366–475 m depth, east of the Aldermen Island, Coromandel, New Zealand.

Current name: *Calagrassor aldermenensis* (Powell, 1971) – Fraussen and Stahlschmidt (2016: 417–421); MolluscaBase (2023).

Family FASCIOLARIIDAE**†*Falsiculus allani* Finlay, 1930**

Finlay, H.J., 1930d, pp. 263, 264, pl. 47, fig. 3.

Holotype: MA70312, collected by R.S. Allan from the late Oligocene (Duntroonian) Wharekuri Greensand, true left bank of the Waitaki River, 1.6 km below Wharekuri (site now submerged beneath Lake Waitaki), north Otago, New Zealand.

Current name: *Falsiculus allani* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

†*Falsiculus eoaffinis* Finlay, 1930

Finlay, H.J., 1930d, p. 264, pl. 48, fig. 11.

Holotype: MA70314, collected from the early Miocene (Altonian) Long Beach Shellbed, [Finlay's bed 6B

(for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Falsiculus eoaffinis* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

†*Falsiculus excellens* Finlay, 1930

Finlay, H.J., 1930d, pp. 264, 265, pl. 47, fig. 4.

Holotype: MA70315, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA72567, one specimen, from the type locality.

Current name: *Falsiculus excellens* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

†*Falsiculus gemmatus* Powell, 1935

Powell, A.W.B., 1935d, p. 336, pl. 77, figs 10, 11.

Holotype: MA72063, collected from the early Miocene (Altonian) Nihotupu Formation, between Powell and Bartrum Bays, approximately 2 km south of Muriwai Beach, Auckland, New Zealand.

Current name: *Gemmocolus gemmata* (Powell, 1935) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

†*Falsiculus inurbanus* Laws, 1932

Laws, C.R., 1932, p. 195, pl. 29, figs 27, 29.

Holotype: MA70316, collected from the early Miocene (Altonian) Long Beach Shellbed, [Finlay's bed 6B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Lepidocolus inurbana* (Laws, 1932) – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

†*Falsiculus levatus* Finlay, 1930

Finlay, H.J., 1930d, p. 266, pl. 48, figs 8–10.

Holotype: MA70317, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Paratypes: MA72569, two specimens, from the type locality.

Current name: *Falsiculus levata* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

†*Falsiculus obrutus* Finlay, 1930

Finlay, H.J., 1930d, p. 263, pl. 47, figs 5, 6.

Holotype: MA70318, collected from middle–late Eocene (Kaiatan), Waiareka Volcanic Formation, Lorne [Whitstone, near the disused railway station], Otago, New Zealand.

Remarks: Finlay (1930d) incorrectly reported the locality as 'Kakanui Tuffs, on the beach [Kakanui], below the limestone. See *Austrotriton cyphoides* Finlay, 1924 (MA70083) for further clarification.

Current name: *Falsiculus obruta* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† *Falsiculus semilevigatus* Laws, 1932

Laws, C.R., 1932, pp. 195, 196, pl. 30, fig. 33.

Holotype: MA70319, collected by C.R. Laws, from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Current name: *Falsiculus semilevigata* Laws, 1932 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† *Falsiculus waiiauensis* Finlay, 1930

Finlay, H.J., 1930d, pp. 265, 266, pl. 47, fig. 2.

Holotype: MA70320, collected from middle Miocene (Lillburnian) Lima Sand, [Finlay's bed 7C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA72568, one specimen, from the type locality.

Current name: *Fusinus tangituensis* (Marwick, 1926) – Beu and Raine (2009); MolluscaBase (2023).

† *Fusinus bensoni* R.S. Allan, 1926

Allan, R.S., 1926a, pp. 339, 340, pl. 76, figs 4a, b.

Holotype: CM M237

Paratype: MA73557, three specimens, collected from the type locality, the middle Eocene (Bortonian) Waihao Greensands, Waihao Downs, Canterbury, New Zealand.

Current name: *Fusinus bensoni* R.S. Allan, 1926 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

Fusinus galathea Powell, 1967

Powell, A.W.B., 1967b, p. 197, pl. 38, fig. 3.

Holotype: NHMD 915584

Paratype: MA72558, one specimen, collected on 3 March 1952, from the type locality, station 674, Danish *Galathea* Expedition, from 15–75 m depth, Raoul Island, Rangitāhua/Kermadec Islands, New Zealand.

Current name: *Cyrtulus galathea* (Powell, 1967) – MolluscaBase (2023).

† *Fusinus macrotegens* Finlay & McDowell, 1923

Finlay, H.J. and F.H. McDowell, 1923, p. 113, pl. 11, fig. 1, text fig. 2.

Holotype: MA 70331, collected by H.J. Finlay and F.H. McDowell, from the late Miocene Dowling Bay Limestone Member, Dowling Bay, Otago, New Zealand.

Current name: *Austrofusus spiniferus* (Finlay & McDowell, 1923) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Fusinus waihaoica* Laws, 1935

Laws, C.R., 1935b, pp. 24, 25, pl. 4, fig. 4.

Holotype: MA70332, assumed to have been collected by C.R. Laws, from middle Eocene (Kaiatan) Waihao Greensand at McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Current name: *Fusinus waihaoicus* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† *Fusus watermani* M. Smith, 1936

Smith, M., 1936b, p. 22, pl. 9, fig. 16 (figured in preceeding *The Nautilus* v. 49).

Holotype: 'Holotype in the writer's collection' (M. Smith 1936b: 22).

Paratype: MA73225, one specimen, collected from the Pliocene Caloosahatchee Formation, Clewiston, Florida, United States of America.

Remarks: The paratype (MA73225) has ornament consisting of eight rounded axial varices and nine thin, low radial ribs on the body whorl. The figured holotype has no axial ornament and 4–5 robust radial ribs on the body whorl. It is therefore doubtful that MA73225 is a paratype for the species *Fusus watermani* M. Smith, 1936.

Current name: *Fusus watermani* M. Smith, 1936 – MolluscaBase (2023).

Glaphyrina plicata Powell, 1929

Powell, A.W.B., 1929, p. 97, pl. 4, figs 81, 82.

Holotype: MA72065, collected by F. Johnston of the *ST Thomas Currell*, from 80 m (44 fathoms) depth, off Cuvier Island, Waikato, New Zealand.

Paratype: MA71549, one specimen, from the type locality.

Current name: *Glaphyrina plicata* Powell, 1929 – MolluscaBase (2023).

† *Glaphyrina vulpicolor annectens* Powell, 1934

Powell, A.W.B., 1934a, p. 270, pl. 60, figs 28, 29.

Holotype: MA70342, collected by A.W.B. Powell in August 1933, from the Late Pleistocene (Haweran) Te Piki Member, Waipaoa Formation, from a road-cutting approximately 6 km east of Whangaparaoa (Cape Runaway), Bay of Plenty, New Zealand.

Paratype: MA73558, one specimen, from the type locality.

Current name: *Glaphyrina caudata* (Quoy & Gaimard, 1833) – Beu and Raine (2009); MolluscaBase (2023).

† *Glaphyrina vulpicolor progenitor* Finlay, 1926

Finlay, H.J., 1926b, p. 414, not figured.

Holotype: MA70343, collected from the Pleistocene (Castlecliffian), Castlecliff, Manawātū-Whanganui, New Zealand.

Current name: *Glaphyrina caudata* (Quoy & Gaimard, 1833) – Beu and Raine (2009); MolluscaBase (2023).

Latirus martinorum Cernohorsky, 1987

Cernohorsky, W.O., 1987b, pp. 113–114, figs 16–24.

Holotype: MA71373, collected by R. [and S.] Martin in 1986, from 200–240 m depth, off Coamen Island, western Bohol reef, Philippines.

Paratype: MA71595, one specimen, from the type locality.

Current name: *Granulifusus martinorum* (Cernohorsky, 1987) – MolluscaBase (2023).

†*Latirus maxwelli* Pilsbry, 1939

Pilsbry, H.A., 1939, p. 86, pl. 5, fig. 9.

Holotype: ANSP 13534

Paratype: MA72943, one specimen, collected by M. Smith, from the type locality, from the Pliocene Caloosahatchee Formation, Ortona Locks, De Soto County, Florida, United States of America.

Current name: *Latirus maxwelli* Pilsbry, 1939 – MolluscaBase (2023).

†*Latirus (Mazzalina) longirostris* P. Marshall, 1917

Marshall, P., 1917, p. 455, pl. 34, fig. 18.

Holotype: Otago Museum registration number requested.

Paratypes: MA71540, four specimens, collected from the Palaeocene (Teurian) Wangaloa Formation at Wangaloa, Otago, New Zealand.

Current name: *Microfulgur longirostris* (P. Marshall, 1917) – MolluscaBase (2023).

Taron mouatae Powell, 1940

Powell, A.W.B., 1940, pp. 237, 238, pl. 33, fig. 6.

Holotype: MA70757, collected by M. Mouat, from beach drift, Devonport, Auckland, New Zealand.

Current name: *Taron mouatae* Powell, 1940 – MolluscaBase (2023).

Family NASSARIIDAE

Cyllene cernohorskyi F. Fernandes & Rolàn, 1992

Fernandes, F. and E. Rolàn, 1992, pp. 51, 52, figs 3, 4.

Holotype: MNCN 15.05/18275

Paratype: MA72310, one specimen, collected from the type locality, from 10–20 m depth, Palmeirinhas Point, South Luanda, Republic of Angola.

Current name: *Cyllene cernohorskyi* F. Fernandes & Rolàn, 1992 – MolluscaBase (2023).

†*Ilyanassa (Paranassa) floridana* M. Smith, 1936

Smith, M., 1936a, p. 138, pl. 9, fig. 5.

Holotype: In Smith's own collection.

Paratype: MA73554, one specimen, collected from the Pliocene Caloosahatchee Formation, Clewiston, Florida, United States of America.

Current name: *Ilyanassa floridana* M. Smith, 1936 taxon inquirendum – MolluscaBase (2023).

Nassaria (Nassaria) bombax Cernohorsky, 1981

Cernohorsky, W.O., 1981a, pp. 27, 28, pl. 24, figs 1–5.

Holotype: AMS C.111462

Paratype: MA71771, one specimen, collected on 14 December 1977, from the type locality, from 284 m depth, east of North West Island, Capricorn Channel, Queensland, Australia.

Current name: *Nassaria bombax* Cernohorsky, 1981 – MolluscaBase (2023).

Nassarius berniceae Willan & Beechey, 2015

Willan, R.C. and D.L. Beechey, 2015, pp. 342–347, figs 1–4, 9–13.

Holotype: MA73396, collected 15–16 May 2011, from 20 m depth, Boat Cove, Raoul Island, Rangitāhua/Kermadec Islands, New Zealand.

Paratypes: MA73397, ten specimens, collected from 50 m depth, from the type locality.

Current name: *Nassarius berniceae* Willan & Beechey, 2015 – MolluscaBase (2023).

Nassarius fraudator Cernohorsky, 1980

Cernohorsky, W.O., 1980e, pp. 141–144, figs 12–17.

Holotype: AMS C.114468

Paratypes: MA70232, two specimens, collected by W. Cernohorsky, from Barred Creek, Broome; MA70258, two specimens, collected by [G.M.] Hansen in 1973, from Barred Creek, Broome; MA71622, nine specimens, collected by A.W.B. Powell, Broome, Western Australia, Australia.; MA70877, one specimen, collected by [G.M.] Hansen in 1973, Darwin, Northern Territory, Australia.

Current name: *Nassarius fraudator* Cernohorsky, 1980 – MolluscaBase (2023).

Nassarius rehderi Cernohorsky, 1980

Cernohorsky, W.O., 1980c, pp. 121, 122, figs 18–23, 26, 27.

Holotype: MA71366, collected by J. and H. Troendle on 11 August 1979, from 1–12 m depth, Baié de Matavai, Mahina, Tahiti, French Polynesia.

Paratypes: MA71629, seven specimens, from the type locality.

Current name: *Nassarius rehderi* Cernohorsky, 1980 – MolluscaBase (2023).

Nassarius troendleorum Cernohorsky, 1980

Cernohorsky, W.O., 1980c, pp. 118–120, figs 15–17, 25.

Holotype: MA71365, collected by J. and H. Troendle in 1978, from Puna'auia, Tahiti, French Polynesia.

Paratypes: MA71628, four specimens, collected by J. and H. Troendle in July 1979, from Anaa Island, Tuamotu Archipelago, French Polynesia.

Current name: *Nassarius troendleorum* Cernohorsky, 1980 – MolluscaBase (2023).

Nassarius (Plicarcularia) maccauslandi Cernohorsky, 1984

Cernohorsky, W.O., 1984, pp. 73, 74, pl. 6, figs 2–4.

Holotype: MA71369, collected by O.K. McCausland in September 1978, from intertidal muddy sand, Lami, Suva, south Viti Levu, Fiji.

Paratypes: MA71654, nine specimens, collected by O.K. McCausland on 27 September 1978, from the type locality.

Current name: *Nassarius maccauslandi* Cernohorsky, 1984 – MolluscaBase (2023).

***Nassarius (Zeuxis) arcus* Cernohorsky, 1991**

Cernohorsky, W.O., 1991, pp. 197, 198, figs 13–16.

Holotype: MNHN IM-2000-6689

Paratypes: MA71652, two specimens, collected by P. Bouchet and B. Richer de Forges on 14 September 1985, from NO *Vauban* MUSORSTOM 4, Stn DW 151 New Caledonia, French Overseas Territory.

Current name: *Nassarius arcus* Cernohorsky, 1991 – MolluscaBase (2023).

***Nassarius (Zeuxis) reunionensis* Cernohorsky, 1988**

Cernohorsky, W.O., 1988b, pp. 79, 80, figs 7–12.

Holotype: MNHN IM-2000-6663

Paratype: MA71630, collected on 02 September 1982 by RV *Marion Dufresne*, from the type locality, from station CP129, off La Réunion, France.

Current name: *Nassarius reunionensis* Cernohorsky, 1988 – MolluscaBase (2023).

***Nassarius (Zeuxis) whiteheadae* Cernohorsky, 1984**

Cernohorsky, W.O., 1984, p. 151, figs 127, 128.

Holotype: AMS C.114341

Paratypes: MA71769, two specimens, collected from Dingo Beach, SE of Bowen; MA71770, two specimens, collected from the type locality in October 1955, Sinclair Bay, SE of Bowen, Queensland, Australia.

Current name: *Nassarius whiteheadae* Cernohorsky, 1984 – MolluscaBase (2023).

Family PISANIIDAE***Cantharus (Polia) wrightae* Cernohorsky, 1974**

Cernohorsky, W.O., 1974, pp. 124–126, figs 6–9, 12, 13.

Holotype: MA71342, collected from Nananu-i-Ra, off north coast of Viti Levu, Fiji.

Current name: *Polia wrightae* (Cernohorsky, 1974) – MolluscaBase (2023).

***Engina mactanensis* Cernohorsky, 1985**

Cernohorsky, W.O., 1985, pp. 53–55, figs 11–16.

Holotype: MA71371, collected in August 1981, from shell nets, from 300 m depth, Punta Engano, Mactan Island, Cebu, Philippines.

Paratypes: MA71638, ten specimens, from the type locality.

Current name: *Engina spica* Melvill & Standen, 1895 – MolluscaBase (2023).

***Sukunaia jenningsi* Cernohorsky, 1966**

Cernohorsky, W.O., 1966, pp. 229–231, pl. 20, figs 1–4.

Holotype: USNM 673301

Paratype: MA73472, one specimen, collected by A. Jennings, from the type locality, Naevuevu, SW Viti Levu, Fiji.

Current name: *Pisania jenningsi* (Cernohorsky, 1966) – MolluscaBase (2023).

Family PROSIPHONIDAE**†*Aethocola spinifera* Finlay & McDowall, 1923**

Finlay, H.J. and F.H. McDowall, 1923, pp. 113, 114, pl. 11, fig. 2.

Holotype: MA70010, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Paratype: MA72872, two specimens, collected from the type locality.

Current name: *Austrofusus spiniferus* (Finlay & McDowall, 1923) – Beu and Marshall (2011: 61, 62); MolluscaBase (2023).

†*Aethocola taitae* Marwick, 1924

Marwick, J., 1924b, p. 197, pl. 17, fig. 16.

Holotype: GNS TM 9440

Paratype: MA73513, four specimens, collected from the Early Pleistocene (Nukumaruan), Kikowhero Stream, Matapiro Station, north side of Ngaruroro River, Hawke's Bay, New Zealand.

Current name: *Austrofusus taitae* (Marwick, 1924) – Beu and Raine (2009); Maxwell in: Spencer *et al.* (2009: 245); Beu and Marshall (2011: 61, 62); MolluscaBase (2023).

†*Austrofusus affiliatus* Finlay, 1926

Finlay, H.J., 1926a, p. 238, pl. 58, figs 12–14.

Holotype: MA70056, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Paratypes: MA71668, two specimens, from the type locality.

Current name: *Austrofusus affiliatus* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

***Austrofusus chathamensis* Finlay, 1928**

Finlay, H.J., 1928, pp. 253, 254, pl. 42, figs 60–63.

Holotype: MA70060, collected from the Chatham Islands, New Zealand.

Paratype: MA72557, one specimen, from the type locality.

Remarks: See *Lasaea rossiana vexata* Finlay, 1928 (MA70389) for further comments on provenance.

Current name: *Austrofusus chathamensis* Finlay, 1928 – MolluscaBase (2023).

***Austrofusus glans agrestior* Finlay, 1927**

Finlay, H.J., 1927, pp. 486, 487, pl. 24, figs 1, 3; pl. 25, figs 11, 12.

Holotype: MA70063, collected from Warrington Beach, Dunedin, New Zealand.

Paratypes: MA73674, two specimens, collected from Taieri Beach, Otago, New Zealand.

Current name: *Austrofusus glans* (Röding, 1798) – Powell (1979: 197); MolluscaBase (2023).

***Austrofuscus glans tragulatus* Iredale, 1937**

Iredale, T., 1937, pp. 106, 107, not figured.

Syntypes: AMS C.73719 (two specimens).

Syntype: MA73246, collected by C.W. Ostenfeld, from the type locality, 33 m (18 fathoms) depth, 12 miles (19 km) off Greymouth, West Coast, New Zealand.

Current name: *Austrofuscus glans* (Röding, 1798) – Powell (1979: 197); MolluscaBase (2023).

†*Austrofuscus precursor* Finlay, 1926

Finlay, H.J., 1926a, pp. 237, 238, pl. 58, figs 15, 16.

Holotype: MA70066, collected from the late Oligocene (Dunroonian) Chatton Formation, Okapua Creek, Chatton, Southland, New Zealand.

Paratype: MA71702, one specimen, from the type locality.

Current name: *Austrofuscus precursor* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 245).

†*Austrofuscus (Nassicola) magnificus* Finlay, 1926

Finlay, H.J., 1926a, pp. 236, 237, pl. 57, figs 11, 12.

Holotype: MA70064, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Austrofuscus magnificus* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

†*Austrofuscus (Neocola) alpha* Finlay, 1926

Finlay, H.J., 1926a, pp. 233, 234, pl. 57, figs 1–4.

Holotype: MA70057, collected from early Miocene (Altonian) Fouraye Siltstone, [Finlay's bed 4B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA71660, one specimen, from the type locality.

Current name: *Austrofuscus alpha* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

†*Austrofuscus (Neocola) apudalpha* Finlay, 1926

Finlay, H.J., 1926a, p. 235, pl. 57, figs 9, 10.

Holotype: MA70058, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Paratype: MA11618, collected from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Austrofuscus apudalpha* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

†*Austrofuscus (Neocola) beta* Finlay, 1926

Finlay, H.J., 1926a, p. 234, pl. 57, figs 5, 6.

Holotype: MA70059, collected from early Miocene (Altonian) Calamity Point Sandstone, [Finlay's bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA71661, one specimen, from the type locality.

Current name: *Austrofuscus beta* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

†*Austrofuscus (Neocola) gamma* Finlay, 1926

Finlay, H.J., 1926a, p. 234, pl. 57, figs 7, 8.

Holotype: MA70062, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA71662, one specimen, from the type locality.

Current name: *Austrofuscus gamma* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

†*Austrofuscus (Neocola) oneroaensis* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 432, 433, pl. 35, figs 13, 14.

Holotype: MA72010, collected from the early Miocene (Otaian) Tipakuri Formation of 'Double U Bay', approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratype: MA71704, from the type locality.

Current name: *Austrofuscus oneroaensis* Powell & Bartrum, 1929 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

***Chlanidota signeyana* Powell, 1951**

Powell, A.W.B., 1951c, p. 141, pl. 8, figs 34, 35, text fig. F.

Holotype: NHM 1961512

Paratypes: MA71947, six specimens, collected on 20 February 1927 from the type locality, station 167, Discovery Committees cruise, in 244–344 m depth, off Signey Island, South Orkney Islands, Antarctic Treaty Administration.

Current name: *Chlanidota signeyana* Powell, 1951 – MolluscaBase (2023).

†*Falsiculus coerulescens* Finlay, 1930

Finlay, H.J., 1930d, p. 266, pl. 47, fig. 1.

Holotype: MA70313, collected from the late Miocene (Kapitean) at 'Bluecliff', near the mouth of the Waikoko Stream, western end of Te Waewae Bay, Southland, New Zealand.

Current name: *Austrofuscus coerulescens* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

***Proneptunea duplicarinata* Powell, 1951**

Powell, A.W.B., 1951c, p. 150, pl. 6, fig. 13, fig. K (66).

Holotype: NHM 1961535

Paratype: MA71948, one specimen, collected on 7 February 1927, from the type locality, station 160, Discovery Committees cruise, in 177 m depth, between South Georgia and Shag Rocks, South Atlantic Ocean.

Current name: *Proneptunea duplicarinata* Powell, 1951 – MolluscaBase (2023).

Family TUDICLIDAE

Aeneator attenuatus Powell, 1927

Powell, A.W.B., 1927e, pp. 298, 299, pl. 34, fig. 5.

Holotype: MA72002, dredged by D. Crawford of the ST *Serfib* in July 1925, from 42 m (23 fathoms) depth, Ahipara Bay, Northland, New Zealand.

Current name: *Aeneator attenuatus* Powell, 1927 – Maxwell in: Spencer *et al.* (2009: 207); MolluscaBase (2023).

† *Aeneator delicatulus* Powell, 1929

Powell, A.W.B., 1929, pp. 91, 92, pl. 4, fig. 75.

Holotype: MA72003, collected by A.W.B. Powell in 1928, from the Early–Middle Pleistocene (Castleclyffian) between Kai Iwi and Okehu Streams, Manawatū-Whanganui, New Zealand.

Current name: *Aeneator delicatulus* Powell, 1929 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

Aeneator galathea Powell, 1958

Powell, A.W.B., 1958b, p. 91, pl. 12, figs 1, 2.

Holotype: MA71996, collected on 19 January 1952, from station 616, Danish *Galathea* Expedition, from 290 m depth, Milford Sound, Southland, New Zealand.

Paratype: MA71997, one specimen, from the type locality.

Current name: *Aeneator galathea* Powell, 1958 – MolluscaBase (2023).

Aeneator otagoensis Finlay, 1930

Finlay, H.J., 1930c, p. 236, not figured.

Holotype: MA70008, Plate 8b, trawled from 40 m (22 fathoms) depth, between Otago Heads [Taiaroa Head] and Waikouaiti, Otago, New Zealand.

Paratype: MA72582, one specimen, from the type locality.

Current name: *Aeneator otagoensis* Finlay, 1930 – MolluscaBase (2023).

Aeneator otagoensis cookianus Dell, 1956

Dell, R.K., 1956a, pp. 99, 100, pl. 14, fig. 141.

Holotype: NMNZ M.008838

Paratype: MA110247, one specimen, collected by F. Abernethy, from the type locality, 36–55 m (20–30 fathoms) depth, off Kaikōura, Canterbury, New Zealand.

Current name: *Aeneator otagoensis* Finlay, 1930 – MolluscaBase (2023).

Buccinulum pallidum Finlay, 1928

Finlay, H.J., 1928, pp. 251, 252, pl. 38, figs 3–5.

Holotype: MA70120, collected from Stewart Island, New Zealand.

Current name: *Buccinulum pallidum* Finlay, 1928 – Powell (1979: 198); MolluscaBase (2023).

Buccinulum sufflatum Finlay, 1926

Finlay, H.J., 1926b, p. 416, pl. 21, figs 75, 76.

Holotype: MA70123, collected from Lyttelton Harbour, Canterbury, New Zealand.

Paratypes: MA72537, two specimens, from the type locality.

Current name: *Buccinulum linea* (Martyn, 1784) – Ponder (1971b: 235); MolluscaBase (2023).

Buccinulum tenuistriatum Powell, 1929

Powell, A.W.B., 1929, p. 71, pl. 1, figs 1, 2; fig. 84.

Holotype: MA72034, collected by A.W.B. Powell in 1928, from Wainui, Akaroa, Banks Peninsula, New Zealand.

Paratypes: MA71501, four specimens, from the type locality.

Current name: *Buccinulum pallidum* Finlay, 1928 – Ponder (1971b: 245); MolluscaBase (2023).

Buccinulum waitangiensis Powell, 1933

Powell, A.W.B., 1933i, p. 205, pl. 36, figs 12, 13.

Holotype: MA70125, collected by A.W.B. Powell in February 1933, Waitangi Beach, Chatham Islands, New Zealand.

Paratypes: MA71537, 11 specimens, from the type locality.

Current name: *Buccinulum linea* (Martyn, 1784) – Ponder (1971b: 235); MolluscaBase (2023).

Buccinulum (Chathamina) characteristic Finlay, 1928

Finlay, H.J., 1928, p. 252, pl. 41, fig. 31; pl. 40, figs 29, 30.

Holotype: MA70141, collected from Chatham Islands, New Zealand.

Paratype: MA72555, two specimens, from the type locality.

Remarks: See *Lasaea rossiana vexata* Finlay, 1928 (MA70389) for further comments on provenance.

Current name: *Buccinulum linea* (Martyn, 1784) – Ponder (1971b: 235); MolluscaBase (2023).

Buccinulum (Euthrena) heteromorphum Powell, 1929

Powell, A.W.B., 1929, pp. 85, 86, pl. 2, figs 47–49; fig. 88.

Holotype: MA72019, collected from Takapuna Beach, Auckland, New Zealand.

Paratypes: MA71510, three specimens; MA73381, four specimens; all from the type locality.

Current name: *Buccinulum vittatum* (Quoy & Gaimard, 1833) – Ponder (1971b: 248); MolluscaBase (2023).

Buccinulum (Euthrena) heteromorphum bucknilli Powell, 1929

Powell, A.W.B., 1929, p. 86, pl. 2, figs 51, 52.

Holotype: MA72020, collected by C.E.R. Bucknill in 1927, from Moturiki, Mt Maunganui, New Zealand.

Paratypes: MA71511, five specimens, from the type locality.

Current name: *Buccinulum vittatum* (Quoy & Gaimard, 1833) – Ponder (1971b: 248); MolluscaBase (2023).

***Buccinulum (Euthrena) kaikouraense* Powell, 1929**

Powell, A.W.B., 1929, p. 82, pl. 1, figs 11, 12; fig. 96.

Holotype: MA72021, collected by A.W.B. Powell in 1928, about 3.2 km (2 miles) north of Goose Bay, Marlborough, New Zealand.

Paratype: MA71506, one specimen; MA73644, three specimens; all from the type locality.

Current name: *Buccinulum littorinoides* (Reeve, 1846) – Ponder (1971b: 255); MolluscaBase (2023).

***Buccinulum (Euthrena) maketuense* Powell, 1929**

Powell, A.W.B., 1929, p. 85, pl. 2, figs 31, 32.

Holotype: MA72022, collected by C.E.R. Bucknill in 1922, from Maketu, Bay of Plenty, New Zealand.

Paratypes: MA71509, one specimen; MA73379, two specimens; all from the type locality.

Current name: *Buccinulum vittatum* (Quoy & Gaimard, 1833) – Ponder (1971b: 248); MolluscaBase (2023).

***Buccinulum (Euthrena) mariae* Powell, 1940**

Powell, A.W.B., 1940, pp. 238, 239, pl. 33, figs 1, 2.

Holotype: MA70119, collected by F. Young during 1932–1936, Motuopao Island, Northland, New Zealand.

Paratypes: MA71575, 16 specimens; MA71599, one specimen; all from the type locality.

Current name: *Buccinulum mariae* Powell, 1940 – Powell (1979: 199); MolluscaBase (2023).

***Buccinulum (Euthrena) motutaraense* Powell, 1929**

Powell, A.W.B., 1929, p. 86, pl. 2, figs 41, 42; fig. 87.

Holotype: MA72024, collected by A.W.B. Powell from low-tide rock crevices, south of Motutara [Muriwai], Auckland, New Zealand.

Paratypes: MA71512; MA73375, three specimens, from the type locality.

Current name: *Buccinulum vittatum* (Quoy & Gaimard, 1833) – Ponder (1971b: 248); MolluscaBase (2023).

***Buccinulum (Euthrena) robustum* Powell, 1929**

Powell, A.W.B., 1929, p. 88, pl. 1, figs 19, 20; fig. 95.

Holotype: MA72029, collected by E.N. Drier in 1927, from Port Fitzroy, Great Barrier Island, New Zealand.

Paratype: MA71513, one specimen, from the type locality.

Current name: *Buccinulum robustum* Powell, 1929 – Powell (1979: 199); MolluscaBase (2023).

***Buccinulum (Euthrena) strebeli exsculptum* Powell, 1929**

Powell, A.W.B., 1929, pp. 84, 85, pl. 2, figs 33, 34.

Holotype: MA70122, collected from oyster scrapings, Bluff, Southland, New Zealand.

Paratype: MA71508, one specimen, from the type locality.

Current name: *Buccinulum littorinoides* (Quoy & Gaimard, 1833) – Ponder (1971b: 255); MolluscaBase (2023).

***Buccinulum (Euthrena) strebeli mestayerae* Powell, 1929**

Powell, A.W.B., 1929, p. 84, pl. 1, figs 27–29; fig. 99.

Holotype: MA72031, collected by A.W.B. Powell in 1928, from under stones at low water, Island Bay, Wellington, New Zealand.

Paratypes: MA71507, two specimens; MA73645, one specimen; all from the type locality.

Current name: *Buccinulum littorinoides* (Quoy & Gaimard, 1833) – Ponder (1971b: 255); MolluscaBase (2023).

***Buccinulum (Euthrena) suteri* Powell, 1934**

Powell, A.W.B., 1934b, pp. 156, 157, pl. 21, fig. 6.

Holotype: MA72033, collected by W. La Roche in 1922, from 18 m (10 fathoms) depth, Whangaroa Harbour, Northland, New Zealand.

Current name: *Buccinulum robustum* Powell, 1929 – Ponder (1971b: 275).

† *Buccinulum (Euthrena) wairarapaensis* Powell, 1938

Powell, A.W.B., 1938c, p. 164, pl. 39, fig. 11.

Holotype: MA72035, collected by A.W.B. Powell in 1924, from the Early Pleistocene (Nukumaruan) Castlepoint Formation at the lighthouse reef, Castlepoint, Wairarapa, New Zealand.

Remarks: Powell (1938c: 157) stated that the specimens described in the paper were collected by him in 1924. However, a label in Powell's handwriting with the specimen has the collecting date as 29 January 1927.

Current name: *Buccinulum wairarapaense* Powell, 1938 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Buccinulum (Evarnula) caelatum* Powell, 1929

Powell, A.W.B., 1929, pp. 76, 77, pl. 2, fig. 30.

Holotype: MA72017, collected by W. La Roche, from the Late Pleistocene (late Castlecliffian-Haweran (see Bowen *et al.* 1998)) Landguard Formation, 'Landguard Bluff' (directly north of the present-day airport), Manawatū-Whanganui, New Zealand.

Current name: *Buccinulum linea* (Martyn, 1784) – Ponder (1971b: 235); MolluscaBase (2023).

† *Buccinulum (Evarnula) caudatum* Powell, 1929

Powell, A.W.B., 1929, pp. 75, 76, pl. 2, fig. 50.

Holotype: MA72018, collected by A.W.B. Powell in January 1927, from the Early–Middle Pleistocene (Castlecliffian) between Kai Iwi and Okehu Streams, Manawatū-Whanganui, New Zealand.

Current name: *Buccinulum caudatum* Powell, 1929 – Beu (2011: 30); MolluscaBase (2023).

† *Buccinulum (Evarnula) crassatinum* Powell, 1929

Powell, A.W.B., 1929, p. 73, pl. 3, figs 61, 62.

Holotype: MA70115, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Paratypes: MA71497, three specimens, from the type locality.

Current name: *Buccinulum compactum* (Suter, 1917) – Ponder (1971b: 276); MolluscaBase (2023).

***Buccinulum (Evarnula) finlayi* Powell, 1929**

Powell, A.W.B., 1929, p. 76, pl. 3, figs 59, 60.

Holotype: MA70116, collected from 110 m (60 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratypes: MA71499, two specimens; MA71500, two specimens; MA73423, ten specimens; all from the type locality.

Current name: *Buccinulum pertinax finlayi* Powell, 1929 – Ponder (1971b: 271); MolluscaBase (2023).

***Buccinulum (Evarnula) gracillimum* Powell, 1934**

Powell, A.W.B., 1934a, pp. 270, 271, pl. 58, figs 8, 9.

Holotype: MA70117, collected by A.W.B. Powell in August 1933, from the Late Pleistocene (Haweran) Te Piki Member, Waipaoa Formation, from a road-cutting approximately 6 km east of Whangaparaoa (Cape Runaway), Bay of Plenty, New Zealand.

Current name: *Buccinulum linea* (Martyn, 1784) – Ponder (1971b: 235); MolluscaBase (2023).

† ***Buccinulum (Evarnula) longicolle* Powell, 1929**

Powell, A.W.B., 1929, p. 72, pl. 4, figs 68, 69.

Holotype: MA70118, collected from early Miocene (Altonian) Fouraye Siltstone, [Finlay's bed 4B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA71524, two specimens, from the type locality.

Current name: *Buccinulum longicolle* Powell, 1929 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

***Buccinulum (Evarnula) marwicki stewartianum* Powell, 1929**

Powell, A.W.B., 1929, p. 80, pl. 2, figs 38–40; fig. 93.

Holotype: MA72023, collected by R.H. Harrison in 1927, Mason Bay, Stewart Island, New Zealand.

Paratypes: MA71505, two specimens, from the type locality.

Current name: *Buccinulum pertinax pertinax* (Martens, 1878) – Ponder (1971b: 269); MolluscaBase (2023).

***Buccinulum (Evarnula) multilineum* Powell, 1929**

Powell, A.W.B., 1929, p. 78, pl. 1, figs 17, 18; fig. 90.

Holotype: MA72025, collected from Rangitoto, Auckland, New Zealand.

Paratypes: MA71502, nine specimens, from the type locality.

Current name: *Buccinulum linea* (Martyn, 1784) – Ponder (1971b: 235); MolluscaBase (2023).

***Buccinulum (Evarnula) multilineum aupouria* Powell, 1940**

Powell, A.W.B., 1940, p. 238, pl. 33, fig. 16.

Holotype: MA72026, collected by either W. La Roche or A.W.B. Powell, from Taupo Bay, Whangaroa Bay, Northland, New Zealand.

Current name: *Buccinulum linea* (Martyn, 1784) – Ponder (1971b: 235); MolluscaBase (2023).

***Buccinulum (Evarnula) mutabile* Powell, 1929**

Powell, A.W.B., 1929, pp. 78, 79, pl. 2, figs 35–37; fig. 92.

Holotype: MA72027, collected by A.W.B. Powell in 1928, from crevices in rock platform at low water, Kartigi Beach [Katiki Beach], Otago, New Zealand.

Paratypes: MA71503, two specimens, from the type locality.

Current name: *Buccinulum pertinax pertinax* (Martens, 1878) – Ponder (1971b: 269); MolluscaBase (2023).

† ***Buccinulum (Evarnula) protensum* Powell, 1929**

Powell, A.W.B., 1929, p. 74, pl. 4, fig. 67.

Holotype: MA70121, collected from the early Miocene (Altonian) of the Mount Harris Formation, 'Old Rifle Butts', coast south of Cape Wanbrow, Oamaru, Otago, New Zealand.

Paratypes: MA71498, two specimens, from the type locality.

Current name: *Buccinulum protensum* Powell, 1929 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† ***Buccinulum (Evarnula) rigidum* Powell, 1929**

Powell, A.W.B., 1929, p. 73, pl. 4, fig. 64.

Holotype: MA72028, collected by A.W.B. Powell in 1928, from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Current name: *Buccinulum rigidum* Powell, 1929 – Ponder (1971b: 277); MolluscaBase (2023).

***Buccinulum (Evarnula) squalidum* Powell, 1929**

Powell, A.W.B., 1929, p. 79, pl. 2, figs 43, 44.

Holotype: MA72030, collected by A.W.B. Powell, from under stones on mud at low tide, Waikowhai Bay, Manukau Harbour, Auckland, New Zealand.

Paratype: MA71504, one specimen, from the type locality.

Current name: *Buccinulum linea* (Martyn, 1784) – Ponder (1971b: 235); MolluscaBase (2023).

***Buccinulum (Evarnula) sufflatum decoratum* Powell, 1929**

Powell, A.W.B., 1929, p. 77, pl. 1, figs 6, 7.

Holotype: MA72032, collected by A.W.B. Powell in 1928, near breakwater, Port Lyttelton, Banks Peninsula, Canterbury, New Zealand.

Paratype: MA71550, one specimen, from the type locality.

Current name: *Buccinulum linea* (Martyn, 1784) – Ponder (1971b: 235); MolluscaBase (2023).

† *Buccinulum (Evarnula) tuberculatum* Powell, 1929

Powell, A.W.B., 1929, pp. 71, 72, pl. 3, fig. 63; pl. 4, figs 70, 71.

Holotype: MA70124, collected from early Miocene (Altonian) Calamity Point Sandstone, [Finlay's bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Buccinulum tuberculatum* Powell, 1929 – Maxwell in: Spencer *et al.* (2009: 245); MolluscaBase (2023).

† *Ellicea carinata* Powell, 1929

Powell, A.W.B., 1929, pp. 90, 91, pl. 4, figs 73, 74.

Holotype: NMNZ M.00172

Paratype: AK72877, one specimen, collected by J.A. Thomson in 1919, from the type locality, the Early Pleistocene (early Nukumaruan) Onoke Formation, approximately 1.7 km (1 mile) east of Lake Ferry, Palliser Bay, New Zealand.

Current name: *Aeneator orbitus* (F.W. Hutton, 1885) – Beu (2011: 40); MolluscaBase (2023).

Evarnula marwicki Finlay, 1928

Finlay, H.J., 1928, p. 252, pl. 38, figs 7–9.

Holotype: MA70308, collected from Warrington, near Dunedin, Otago, New Zealand.

Paratype: MA72556, one specimen, from the type locality.

Current name: *Buccinulum pertinax* (Martens, 1878) – Ponder (1971b: 269); MolluscaBase (2023).

† *Tudiclana simulator* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 70, pl. 9, figs 4–6.

Holotype: MA70780, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Paratypes: MA72859, three specimens, from the type locality.

Current name: *Tudiclana simulator* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

Verconella compta Finlay, 1924

Finlay, H.J., 1924d, pp. 523, 524, pl. 52, fig. 2.

Holotype: MA70829, dredged by W. La Roche, from 37 m (20 fathoms) depth, off Opotiki, Bay of Plenty, New Zealand.

Current name: *Aeneator comptus* (Finlay, 1924) – Spencer, *et al.* in: Spencer *et al.* (2009: 208); MolluscaBase (2023).

Superfamily MURICOIDEA

Family MURICIDAE

† *Agnewia kempae* Powell, 1934

Powell, A.W.B., 1934a, p. 273, pl. 59, figs 19, 20.

Holotype: MA70011, collected by A.W.B. Powell in August 1933, from the Late Pleistocene (Haweran) Te Piki Member, Waipaoa Formation, from a road-cutting approximately 6 km east of Whangaparaoa (Cape Runaway), Bay of Plenty, New Zealand.

Paratype: MA72423, one specimen, from the type locality.

Current name: *Agnewia kempae* Powell, 1934 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

Axymene teres Finlay, 1930

Finlay, H.J., 1930c, p. 237, pl. 42, figs 1, 2.

Holotype: MA70087, collected from 91 m (50 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Current name: *Lamellitrophon teres* (Finlay, 1930) – MolluscaBase (2023).

Axymene turbator Finlay, 1926

Finlay, H.J., 1926b, p. 426, pl. 23, figs 127, 128.

Holotype: MA70088, collected from under stones, Dowling Bay, Otago Harbour, Otago, New Zealand.

Paratypes: MA72906, eight specimens; MA72907, one specimen; all assumed to be from the type locality.

Current name: *Axymene aucklandicus* (E.A. Smith, 1902) – MolluscaBase, 2022)

† *Chicoreus (?) syngenes* Finlay, 1930

Finlay, H.J., 1930b, p. 76, pl. 1, figs 3, 4.

Holotype: MA70164, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA72471, one specimen, collected from the type locality.

Current name: *Siratus syngenes* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

Comptella coronata Dell, 1956

Dell, R.K., 1956a, pp. 117, 118, pl. 16, fig. 154.

Holotype: NMNZ M.009782

Paratype: MA72749, one specimen, collected on 23 January 1954, from the type locality, station 2, Chatham Island Expedition, in 112 m (61 fathoms) depth, New Zealand.

Current name: *Terefundus coronatus* (Dell, 1956) – MolluscaBase (2023).

† *Coralliophila turneri* Laws, 1941

Laws, C.R., 1941b, p. 150, pl. 17, fig. 16.

Holotype: MA70955, collected by F.J. Turner, from early Miocene (Otaian–Altonian) sediments,

Pakaurangi Point, Kaipara, Northland, New Zealand.

Current name: *Coralliophila turneri* Laws, 1941 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† *Cronia tengawaica* Laws, 1933

Laws, C.R., 1933, pp. 325, 326, pl. 32, fig. 34; pl. 33, fig. 37.

Holotype: MA70218, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at Sutherlands, Tengawai River, South Canterbury, New Zealand.

Current name: *Cronia tengawaica* Laws, 1933 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

Drupa ricinus hadari Emerson & Cernohorsky, 1973

Emerson, W.K. and W.O. Cernohorsky, 1973, pp. 23, 24, pl. 2, figs 9, 10; pl. 17D, pl. 18.

Holotype: AMNH 166928.

Paratypes: MA71911, two specimens, collected by A. Hadar on 19 January 1968, from the type locality, intertidal reef-flats, Eilat, Israel.

Current name: *Drupa ricinus lischkei* (Hidalgo, 1904) – MolluscaBase.

Favartia (Favartia) paulboschi Smythe & Houart, 1984

Smythe, K.R. and R. Houart, 1984, pp. 5–7, pl. 11, figs 1–5.

Holotype: NHM 1983062

Paratype: MA73134, one specimen, collected by D. Bosch, Masirah Island, Sultanate of Oman.

Current name: *Pygmaepterys paulboschi* (Smythe & Houart, 1984) – MolluscaBase (2023).

Latiaxis wormaldi Powell, 1971

Powell, A.W.B., 1971, p. 220, figs 15, 16.

Holotype: MA71329, collected by C. Wormald of the MV *Valkyrie* in 1969, from 329 m depth, ESE of the Poor Knights Islands, Northland, New Zealand.

Current name: *Babelomurex wormaldi* (Powell, 1971).

† *Lepsiella intermedia* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, p. 439, pl. 48, figs 97–100.

Holotype: MA72077, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratype: MA71707, one specimen, from the type locality.

Current name: *Haustrum intermedium* (Powell & Bartrum, 1929) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† *Lepsiella maxima* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, p. 438, pl. 48, figs 101, 102.

Holotype: MA72078, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratypes: MA71706, five specimens, from the type locality.

Current name: *Haustrum maximum* (Powell & Bartrum, 1929) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

Lepsithais youngi Finlay, 1928

Finlay, H.J., 1928, p. 259, pl. 41, figs 32, 33.

Holotype: MA70395, collected from Chatham Islands, New Zealand.

Remarks: See *Lasaea rossiana vexata* Finlay, 1928 (MA70389) for further comments on provenance.

Current name: *Haustrum lacunosum* (Bruguère, 1789) – MolluscaBase (2023).

Morula parvissima Cernohorsky, 1987

Cernohorsky, W.O., 1987a, pp. 99, 100, figs 14, 15.

Holotype: MA71374, collected by J. Troendle on 17 September 1976, Fa’aone, Tahiti, French Polynesia.

Paratypes: MA71650, three specimens, from the type locality.

Remarks: Cernohorsky (1987a: 99) published the type locality as Mururoa Atoll, Tuamotu Archipelago, but the labels with the holotype specimen record it as collected by J. Troendle on 17 September 1976, Tahiti, Fa’aone, French Polynesia. Considering that nuclear testing started in Mururoa in 1966 and continued until 1995, it is unlikely the paratype specimens were collected there in 1976.

Current name: *Morula nodicostata* (Pease, 1868) – MolluscaBase (2023).

Morula (Oppomorus) palmeri Powell, 1967

Powell, A.W.B., 1967a, p. 193, pl. 37, figs 10–13.

Holotype: MA71303, collected by W. Palmer, from boulders on the floor of a large cave, 18–24 m (60–80 feet) depth, NW end of Tawhiti Rahi Island, Poor Knights Islands, Northland, New Zealand.

Paratypes: MA71468, two specimens; MA71960, 22 specimens; all from the type locality.

Current name: *Pascula palmeri* (Powell, 1967) – MolluscaBase (2023).

† *Murex macgintyi* M. Smith, 1938

Smith, M., 1938, pp. 88, 89, pl. 6, fig. 11.

Holotype: ‘in the Paul McGinty collection, Boynton, Florida’ (M. Smith 1938: 89).

Paratype: MA73227, collected by T.L. McGinty, from the Pliocene Caloosahatchee Formation, Clewiston, Florida, United States of America.

Current name: *Favartia macgintyi* (M. Smith, 1938) – MolluscaBase (2023).

† *Murexsul (?) clifdenensis* Finlay, 1930

Finlay, H.J., 1930b, pp. 72, 73, pl. 1, figs 2, 8.

Holotype: MA70499, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay’s bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA72468, one specimen; MA72469, three specimens; all from the type locality.

Current name: *Murexsul clifdenensis* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

***Murexsul cuvierensis* Finlay, 1927**

Finlay, H.J., 1927, p. 487, pl. 24, fig. 2.

Holotype: MA70500, collected live, from 70 m (38 fathoms) depth, off Cuvier Island, Waikato, New Zealand.

Current name: *Muricopsis octogonus* (Quoy & Gaimard, 1833) – Powell (1979: 170); MolluscaBase (2023).

† ***Murexsul lividorupis* Laws, 1935**

Laws, C.R., 1935c, p. 43, pl. 7, fig. 30.

Holotype: MA70501, collected by C.R. Laws, from early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Coralliophila lividorupis* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

***Murexsul mariae* Finlay, 1930**

Finlay, H.J., 1930c, p. 237, not figured.

Holotype: MA70502, **Plate 8d**, collected by ‘the lighthouse keeper’ from the beach, Cape Maria van Diemen, Northland, New Zealand.

Paratypes: MA72584, nine specimens, from the type locality.

Current name: *Murexsul mariae* Finlay, 1930 – MolluscaBase (2023).

† ***Murexsul* (?) *praegressus* Finlay, 1930**

Finlay, H.J., 1930b, p. 73, pl. 1, fig. 14.

Holotype: MA70503, collected from the early Miocene (Altonian) Otahu Formation, [Finlay’s Band 3 (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Murexsul praegressus* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† ***Murexsul pregenitor* Laws, 1935**

Laws, C.R., 1935c, pp. 42, 43, pl. 7, fig. 29.

Holotype: MA70504, assumed to have been collected by C.R. Laws, from the early Miocene (Altonian), Mount Harris Formation, Awamoa Creek, Oamaru, Otago, New Zealand.

Current name: *Murexsul pregenitor* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† ***Murexsul proavitus* Laws, 1935**

Laws, C.R., 1935c, p. 42, pl. 7, fig. 28.

Holotype: MA70505, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Paratype: MA72686, one specimen, from the type locality.

Current name: *Murexsul proavitus* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† ***Murexsul scobina* Finlay, 1930**

Finlay, H.J., 1930b, p. 74, pl. 1, fig. 1.

Holotype: MA70506, collected from early Miocene (Altonian) Calamity Point Sandstone, [Finlay’s bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA72470, three specimens, from the type locality.

Current name: *Murexsul scobina* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† ***Murexsul tepikiensis* Powell, 1934**

Powell, A.W.B., 1934a, pp. 272, 273, pl. 59, figs 14, 15.

Holotype: MA70507, collected by A.W.B. Powell in August 1933, from the Late Pleistocene (Haweran) Te Piki Member, Waipaoa Formation, from a road-cutting approximately 6 km east of Whangaparaoa (Cape Runaway), Bay of Plenty, New Zealand.

Current name: *Coralliophila mira* (Cotton & Godfrey, 1932) – Beu (2004: 217); MolluscaBase (2023).

***Muricopsis orri* Cernohorsky, 1976**

Cernohorsky, W.O., 1976, pp. 116–119, figs 12–20.

Holotype: MA71346, collected from 55 m depth, south of Andaman Islands, India.

Current name: *Attiliosa orri* (Cernohorsky, 1976) – MolluscaBase (2023).

† ***Neothais lassa* Marwick, 1948**

Marwick, J., 1948, pp. 32, 33, pl. 7, fig. 14.

Holotype: MA71069, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitematā Brewery well, Ōtāhuhu, Auckland, New Zealand.

Current name: *Neothais lassa* Marwick, 1948 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† ***Otahua bartrumi* Marwick, 1948**

Marwick, J., 1948, p. 32, pl. 7, figs 5, 6, 12, 13.

Holotype: MA71074, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitematā Brewery well, Ōtāhuhu, Auckland, New Zealand.

Current name: *Bedeva bartrumi* (Marwick, 1948) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

***Paratrophon exsculptus* Powell, 1933**

Powell, A.W.B., 1933b, pp. 197, 198, pl. 16, figs 10–14, text fig. 4.

Holotype: MA70587, collected by A.W.B. Powell in January 1927, from under boulders and in crevices at low tide, Pukearuhe, Taranaki, New Zealand.

Paratypes: MA71436, 30 specimens, from the type locality.

Current name: *Paratrophon cheesemani exsculptus* Powell, 1933 – MolluscaBase (2023).

† *Poirieria primigena* Finlay, 1930

Finlay, H.J., 1930b, p. 76, pl. 1, fig. 5.

Holotype: MA70633, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Paratypes: MA72472, three specimens, from the type locality.

Current name: *Poirieria primigena* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

Pterochelus paupereques Powell, 1974

Powell, A.W.B., 1974, pp. 199, 200, figs 10, 11.

Holotype: MA71343, collected live by W. Palmer in May 1969, from 9–18 m depth, Poor Knights Islands, Northland, New Zealand.

Paratype: MA71897, one specimen, collected by W. Palmer in 1970, from 15–21 m depth, ‘Southern Cave’ [Southern Arch?], Poor Knights Islands.

Current name: *Prototyphis eos paupereques* (Powell, 1974) – MolluscaBase (2023).

† *Pterynotus laetificus* Finlay, 1930

Finlay, H.J., 1930b, pp. 76, 77, not figured.

Holotype: MA70648, Plate 8e, f, collected from middle Miocene (Waiauian) Nissen Shellbeds, [Finlay’s bed 7C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Timbellus laetificus* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† *Pterynotus (Pterochelus) awamoanus* Finlay, 1930

Finlay, H.J., 1930b, p. 77, pl. 1, fig. 9.

Holotype: MA70647, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratype: MA73637, 15 specimens, from the type locality.

Current name: *Prototyphis awamoanus* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

Rugobela ahiparana Powell, 1927

Powell, A.W.B., 1927e, pp. 299, 300, pl. 34, figs 6, 7.

Holotype: MA72130, dredged by D. Crawford of the ST *Serfib* in July 1925, from 42 m (23 fathoms) depth, Ahipara Bay, Northland, New Zealand.

Current name: *Uttleya ahiparana* (Powell, 1927) – MolluscaBase (2023).

Leucosyrinx cuvieriensis Mestayer, 1919

Mestayer, M.K., 1919, pp. 133, 134, pl. 8, fig. 4.

Holotype: NMNZ M.001068

Paratype: MA72912, one specimen, collected by J. Bollons in 1914, from 48 m (26 fathoms) depth, off Hen and Chicken Islands, Northland, New Zealand.

Current name: *Terefundus cuvierensis* (Mestayer, 1919) – MolluscaBase (2023).

Terefundus quadricinctus unicarinatus Dell, 1956

Dell, R.K., 1956a, p. 116, pl. 11, fig. 112.

Holotype: NMNZ M.009258

Paratype: MA72789, one specimen, collected on 01 February 1954, from the type locality, station 34, Chatham Islands Expedition, from 238 m (130 fathoms) depth, east of the Forty Fours, Chatham Islands, New Zealand.

Current name: *Terefundus quadricinctus unicarinatus* Dell, 1956 – MolluscaBase (2023).

Tolema peregrina Powell, 1947

Powell, A.W.B., 1947b, p. 171, pl. 19, fig. 3.

Holotype: MA71138, trawled on *Atrina* beds, probably in about 37–46 m (20–25 fathoms) depth, ‘entrance to’ Hauraki Gulf, Auckland, New Zealand.

Current name: *Babelomurex lischkeanus* (Dunker, 1882) – MolluscaBase (2023).

Trophon echinoramellatus Powell, 1951

Powell, A.W.B., 1951c, pp. 152, 153, pl. 9, figs 44, 45, fig. L (83).

Holotype: NHM 1961541

Paratype: MA71949, one specimen collected on 23 February 1927, from the type locality, station 170, Discovery Committee’s cruise, in 342 m depth, off Cape Bowles, Clarence Island, South Shetland Islands, Antarctic Treaty Administration.

Current name: *Trophonella echinoramellata* (Powell, 1951) – Harasewych & Pastorino (2010: 92–95); MolluscaBase (2023).

Trophon mawsoni Powell, 1957

Powell, A.W.B., 1957, pp. 142, 143, pl. 2, figs 6–8.

Holotype: SAM D15368

Paratypes: MA71953, 11 specimens, dredged from the type locality, from 69 m depth, during 1929–1931 British Australian New Zealand Antarctic Research Expedition, station 83, Lusitania Bay, Macquarie Island, Australia.

Current name: *Trophon mawsoni* Powell, 1957 – MolluscaBase (2023).

Trophon waipipicola Webster, 1906

Webster, W.H., 1906, pp. 310, 311, pl. 39, figs 3, 3a, b.

Holotype: MA70779, collected by W.H. Webster or his family, from mud flats, Waipipi Creek, north of Waiuku, Auckland, New Zealand.

Current name: *Lamellitrophon traversi* (F.W. Hutton, 1873) – MolluscaBase (2023).

† *Typhis francescae* Finlay, 1924

Finlay, H.J., 1924a, pp. 465, 466, pl. 49, figs 6a, b.

Holotype: MA70808, collected by F. Milnes, from early Miocene (Altonian) Calamity Point Sandstone, [Finlay's bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA72484, one specimen, from the type locality.

Current name: *Rugotyphis francescae* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Uttleya crenata* Marwick, 1934

Marwick, J., 1934, p. 20, pl. 2, fig. 10.

Holotype: MA70819, collected by R.S. Allan, from the Early Pleistocene (Nukumaruan) sands above blue clays, inner harbour, Napier, New Zealand.

Current name: *Uttleya crenata* Marwick, 1934 – MolluscaBase (2023).

Uttleya marwicki Powell, 1952

Powell, A.W.B., 1952b, pp. 179, 180, pl. 36, fig. 6.

Holotype: MA71189, collected from Tahunanui Beach, Nelson, New Zealand.

Paratypes: MA73167, two specimens, presumed to be from the type locality.

Current name: *Uttleya marwicki* Powell, 1952 – MolluscaBase (2023).

Uttleya williamsi Powell, 1952

Powell, A.W.B., 1952b, p. 179, pl. 36, figs 5, 5a.

Holotype: MA71188, collected by E.G. Williams, from the stomach of moki (*Latridopsis ciliaris*) taken at 33 m (18 fathoms) depth, 4 km (2.5 miles) north of Mount Maunganui, Bay of Plenty, New Zealand.

Current name: *Uttleya williamsi* Powell, 1952 – MolluscaBase (2023).

† *Vesanula chaskanon* Finlay, 1926

Finlay, H.J., 1926a, p. 245, pl. 56, figs 20, 21.

Holotype: MA70840, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Paratype: MA71676, one specimen, from the type locality.

Current name: *Vesanula chaskanon* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Xymene coctor* Marwick, 1948

Marwick, J., 1948, p. 32, pl. 7, fig. 8.

Holotype: MA71155, collected from the late Pliocene (Waipipian) of the Ōtāhuhu Formation 25–30 m (84–98 ft) below the surface in the Waitematā Brewery well,

Ōtāhuhu, Auckland, New Zealand.

Current name: *Xymene coctor* Marwick, 1948 – Beu (2011: 47); MolluscaBase (2023).

Xymene robustus Finlay, 1924

Finlay, H.J., 1924d, pp. 520, 521, pl. 52, figs 4a, b.

Holotype: MA70854, dredged from 5 m (3 fathoms) depth, Otago Harbour, Otago, New Zealand.

Current name: *Xymene pumilus* (Suter, 1899) – Ponder (1972: 497); MolluscaBase (2023).

Zeatrophon caudatinus Finlay, 1930

Finlay, H.J., 1930c, pp. 238, 239, pl. 42, fig. 7.

Holotype: MA70865, collected from 'depth uncertain', Hauraki Gulf, Auckland, New Zealand.

Current name: *Zeatrophon mortenseni caudatinus* (Finlay, 1930) – Ponder (1972: 490); MolluscaBase (2023).

† *Zeatrophon murrayae* Fleming, 1943

Fleming, C.A., 1943, p. 205, pl. 31, fig. 30.

Holotype: GNS TM 8611

Paratypes: MA72952, seven specimens, collected from Early Pleistocene (Nukumaruan), Ashcott Road, Waipukurau, Hawke's Bay, New Zealand.

Current name: *Zeatrophon lassus* Marwick, 1928 – Ponder (1972: 488, 489); MolluscaBase (2023)

Zeatrophon pulcherrimus Finlay, 1930

Finlay, H.J., 1930c, p. 238, pl. 42, figs 8, 9, 12.

Holotype: MA70866, collected from 110 m (60 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratypes: MA72588, ten specimens, from the type locality.

Current name: *Zeatrophon pulcherrimus* Finlay, 1930 – MolluscaBase (2023).

Zeatrophon tmetus Finlay, 1930

Finlay, H.J., 1930c, pp. 239, 240, pl. 42, figs 5, 10.

Holotype: MA70867, collected from 'a few fathoms' depth, Stewart Island, New Zealand.

Paratype: MA72589, one specimen, from the type locality.

Current name: *Lamellitrophon huttonii* (Murdoch, 1900) – Ponder (1972: 491); MolluscaBase (2023).

Superfamily TURBINELLOIDEA

Family TURBINELLIDAE

† *Fyfea lirata* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 74, pl. 9, figs 14, 15.

Holotype: MA70334, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Paratypes: MA72857, seven specimens, from the type locality.

Current name: *Fyfea lirata* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Pleia otaioensis* Finlay, 1930

Finlay, H.J., 1930b, pp. 60, 61, pl. 3, fig. 30.

Holotype: MA70627, collected from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Cryptofusus otaioensis* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

Family COLUMBARIIDAE

Columbarium (Coluzea) wormaldi Powell, 1971

Powell, A.W.B., 1971, p. 221, fig. 17.

Holotype: MA71334, collected by C. Wormald, from 549 m depth, east of Poor Knights Islands, Northland, New Zealand.

Current name: *Coluzea wormaldi* (Powell, 1971) – MolluscaBase (2023).

† *Coluzea espinosa* Finlay, 1930

Finlay, H.J., 1930d, pp. 268, 269, not figured.

Holotype: MA70179, from the Early Pleistocene (Nukumaruan) type locality, Petane, Hawke's Bay, New Zealand.

Current name: *Coluzea spiralis* (A. Adams, 1856) – Beu and Raine (2009); MolluscaBase (2023).

† *Coluzea kiosk* Finlay, 1930

Finlay, H.J., 1930d, p. 270, pl. 49, fig. 14.

Holotype: MA70180, collected from early Miocene (Altonian) Calamity Point Sandstone, [Finlay's bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Coluzea kiosk* Finlay, 1930 – Beu and Raine (2009); MolluscaBase (2023).

† *Coluzea macrior* Finlay, 1930

Finlay, H.J., 1930d, pp. 269, 270, pl. 49, fig. 13.

Holotype: MA70181, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Current name: *Coluzea macrior* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

Coluzea mariae Powell, 1952

Powell, A.W.B., 1952b, p. 180, pl. 35, fig. 8.

Holotype: MA71190, trawled by J. Black, from 110–128 m (60–70 fathoms) depth, off eastern Otago, Otago, New Zealand.

Current name: *Coluzea mariae* Powell, 1952 – MolluscaBase (2023).

† *Coluzea paucispinosa* Finlay, 1930

Finlay, H.J., 1930d, p. 270, pl. 49, fig. 16.

Holotype: MA70182, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Paratypes: MA72570, three specimens, from the type locality.

Current name: *Coluzea paucispinosa* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Coluzea spectabilis* Powell, 1931

Powell, A.W.B., 1931a, pp. 105, 106, pl. 10, figs 1, 2.

Holotype: MA70183, collected by A.W.B. Powell in January 1931, from the late Pliocene (Waipipian) Tangahoe Formation, near the mouth of Waihi Stream, Hawera, New Zealand.

Paratypes: MA73556, two specimens, collected by A.W.B. Powell in January 1927, from the type locality.

Current name: *Coluzea spectabilis* Powell, 1931 – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

† *Fulgurofusus vulneratus* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, pp. 70, 71, pl. 9, figs 12, 13.

Holotype: MA73354, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Columbarium vulneratum* (Finlay & Marwick, 1937) – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

Family COSTELLARIIDAE

Austromitra brunneacincta Powell, 1952

Powell, A.W.B., 1952b, p. 183, pl. 36, fig. 4.

Holotype: MA71192, collected by E.G. Williams on 12 December 1947, from the stomach of a tarakihi (*Nemadactylus macropterus*) caught in 33 m (18 fathoms) depth, 0.8 km (0.5 mile) west of Mayor Island/Tūhua, Bay of Plenty, New Zealand.

Current name: *Austromitra planata* (F.W. Hutton, 1885) – Marshall and Marrow (2021: 63); MolluscaBase (2023).

Austromitra erecta Powell, 1934

Powell, A.W.B., 1934b, p. 156, pl. 22, fig. 12.

Holotype: MA72011, collected by W. La Roche in 1924, from Taupo Bay, Whangaroa, Northland, New Zealand.

Paratype: MA71648, one specimen, from the type locality.

Current name: *Austromitra erecta* Powell, 1934 – MolluscaBase (2023).

Austromitra lawsi Finlay, 1930

Finlay, H.J., 1930c, pp. 235, 236, pl. 43, fig. 17.

Holotype: MA70068, dredged by M. Young, from 91 m (50 fathoms) depth, 16 km (10 miles) ENE of Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratypes: MA72586, six specimens, from the type locality.
Current name: *Austromitra lawsi* Finlay, 1930 – MolluscaBase (2023).

***Austromitra minutenodosa* Cernohorsky, 1980**

Cernohorsky, W.O., 1980b, pp. 165, 166, figs 129, 130.

Holotype: AMS C.114474.

Paratype: MA71627, one specimen, collected by H.M.A.S. Gascoyne on 5 July 1962, from the type locality, from 75 m depth, Great Australian Bight, Australia.

Current name: *Austromitra minutenodosa* Cernohorsky, 1980 – MolluscaBase (2023).

***Austromitra planatella* Finlay, 1930**

Finlay, H.J., 1930c, p. 235, pl. 43, fig. 18.

Holotype: MA70069, dredged from 69 m (38 fathoms) depth, off Cuvier Island, Waikato, New Zealand.

Current name: *Austromitra planata* (F.W. Hutton, 1885) – Marshall and Marrow (2021: 63); MolluscaBase (2023).

***Austromitra rubiradix* Finlay, 1926**

Finlay, H.J., 1926b, p. 411, not figured.

Holotype: MA70070, collected from Whangaroa Harbour, Northland, New Zealand.

Paratype: MA72536, one specimen, from the type locality.

Current name: *Austromitra rubiginosa* (F.W. Hutton, 1873) – Marshall and Marrow (2021: 65); MolluscaBase (2023).

***Austromitra zafra* Powell, 1952**

Powell, A.W.B., 1952b, p. 183, pl. 36, fig. 3.

Holotype: MA71193, collected by E.G. Williams on 20 February 1949, from the stomach of a tarakihi (*Nemadactylus macropterus*) taken in 91 m (50 fathoms) depth, 1.6 km (1 mile) off SW end of Mayor Island/Tūhua, Bay of Plenty, New Zealand.

Current name: *Austromitra zafra* Powell, 1952 – Marshall and Marrow (2021: 71); MolluscaBase (2023).

***Egestas dissimilis* Powell, 1937**

Powell, A.W.B., 1937b, p. 211, pl. 55, fig. 8.

Holotype: NHM 19621053

Paratypes: MA72293, two specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Austromitra dissimilis* (Powell, 1937) – MolluscaBase (2023).

† ***Mitra elatior* Finlay, 1924**

Finlay, H.J., 1924a, p. 469, pl. 50, figs 5a, b.

Holotype: MA70479, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA72488, 21 specimens, from the type locality.

Current name: *Vexillum elatior* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† ***Mitra eusulcata* Finlay, 1924**

Finlay, H.J., 1924a, pp. 468, 469, pl. 51, figs 11a–c.

Holotype: MA70480, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratype: MA72487, one specimen, from the type locality.

Current name: *Vexillum eusulcatum* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

***Mitropifex iredalei* Powell, 1958**

Powell, A.W.B., 1958a, pp. 81, 82, pl. 9, fig. 3.

Holotype: NHMD 91128

Paratype: MA72870, one specimen, collected on 3 March 1952, from station 675, Danish *Galathea* Expedition, from 58–64 m depth, off Raoul Island, Rangitāhua/Kermadec Islands, New Zealand.

Current name: *Vexillum iredalei* (Powell, 1958) – MolluscaBase (2023).

***Thala maxmarrowi* Cernohorsky, 1980**

Cernohorsky, W.O., 1980e, pp. 148, 149, figs 25–28.

Holotype: MA71364, collected by M. Marrow on 27 December 1977, from 35 m depth, Seragaki [Serakaki], Okinawa Island, Japan.

Current name: *Thaluta maxmarrowi* (Cernohorsky, 1980) – MolluscaBase (2023).

† ***Uromitra etremoides* Finlay, 1924**

Finlay, H.J., 1924a, pp. 469, 470, pl. 50, figs 6a, b; pl. 51, figs 10a–c.

Holotype: MA70818, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72489, nine specimens, from the type locality.

Current name: *Vexillum etremoides* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

***Vexillum antipodum* Brookes, 1926**

Brookes, A.E., 1926, p. 588, pl. 102, fig. 1.

Holotype: MA71291, collected by A.E. Brookes, Coopers Beach, Northland, New Zealand.

Current name: *Austromitra rubiginosa* (F.W. Hutton, 1873) – MolluscaBase (2023).

***Vexillum (Costellaria) adamsianum* Cernohorsky, 1978**

Cernohorsky, W.O., 1978a, pp. 64–66, figs 6–9.

Holotype: MA71354, collected by R. Salisbury in 1976, from 91 m (50 fathoms) depth, Ke'ehi Lagoon, Oahu, Hawaii, United States of America.

Current name: *Vexillum adamsianum* Cernohorsky, 1978 – MolluscaBase (2023).

***Vexillum (Costellaria) choslenae* Cernohorsky, 1982**
Cernohorsky, W.O., 1982a, pp. 109–111, figs 1–6.

Holotype: MA71368, collected from 128 m depth, Tosa, Japan.

Current name: *Pusia choslenae* (Cernohorsky, 1982) – MolluscaBase (2023).

***Vexillum (Costellaria) martinorum* Cernohorsky, 1986**
Cernohorsky, W.O., 1986, pp. 50–52, figs 15–20.

Holotype: MA71372, collected by R. and S. Martin, from 183–207 m depth, off Coamen Island, western Bohol reef, Philippines.

Remarks: Cernohorsky (1986) referred to the collectors as Mr and Mrs R. Martin. For the type material of *Vexillum (Costellaria) martinorum* Cernohorsky, 1986, the collectors were Roger (1910–?) and Samia Martin (1911–1990), who were French shell collectors living for a time in Cebu City, Philippines. Their collection was donated to the Zoological Museum, University of Amsterdam (Cernohorsky 1986: 52; Kool 2006: 6).

Current name: *Costapex martinorum* (Cernohorsky, 1986) – MolluscaBase (2023).

***Vexillum (Costellaria) takakuwai* Cernohorsky & M. Azuma, 1974**

Cernohorsky, W.O. and M. Azuma, 1974, pp. 7–10, figs 1–4.

Holotype: MA71341, collected H. Takakuwa in 1973, from 37–55 m (20–30 fathoms) depth, off Okinoshima, Tosa Province, Japan.

Current name: *Vexillum takakuwai* Cernohorsky & M. Azuma, 1974 – MolluscaBase (2023).

***Vexillum (Costellaria) wolfei* Cernohorsky, 1978**

Cernohorsky, W.O., 1978a, pp. 63, 64, figs 4, 5.

Holotype: MA71348, collected from 110–128 m (60–70 fathoms) depth, Pokai Bay, Oahu, Hawaii, United States of America.

Current name: *Vexillum wolfei* Cernohorsky, 1978 – MolluscaBase (2023).

***Vexillum (Pusia) salisburyi* Cernohorsky, 1976**

Cernohorsky, W.O., 1976, pp. 114–116, figs 6–9, 11.

Holotype: MA71345, collected by R. Salisbury in 1975, from beach sand, Pupukea Beach, Oahu, Hawaii, United States of America.

Current name: *Vexillum salisburyi* Cernohorsky, 1976 – MolluscaBase (2023).

Family PTYCHATRACTIDAE

***Boreotrophon shirleyi* Cernohorsky, 1980**

Cernohorsky, W.O., 1980a, pp. 107, 108, figs 2–5.

Holotype: MA71362, collected by F. Shirley on 6 June 1979, from 366–476 m (200–260 fathoms) depth, near Motiti Island, Bay of Plenty, New Zealand.

Paratypes: MA71625, one specimen, collected by

A.B. Stephenson on 7 June 1979, from 458–622 m (250–340 fathoms) depth, west of Whakaari/White Island, Bay of Plenty; MA71626, one specimen, collected by A.B. Stephenson on 7 June 1979, from 357–403 m (195–220 fathoms) depth, west of Whakaari/White Island, Bay of Plenty, New Zealand.

Current name: *Metzgeria shirleyi* (Cernohorsky, 1980) – MolluscaBase (2023).

† ***Zexilia submarginata* Laws, 1935**

Laws, C.R., 1935b, p. 26, pl. 4, fig. 8.

Holotype: MA70895, collected from middle–late Eocene (Kaiatan) Waihao Greensand, McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Current name: *Exilia waihaoensis* Suter, 1917 – Beu and Raine (2009); MolluscaBase (2023).

† ***Zexilia tenuilirata* Laws, 1935**

Laws, C.R., 1935b, p. 26, pl. 4, fig. 7.

Holotype: MA70896, collected from middle–late Eocene (Kaiatan) Waihao Greensand, McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Current name: *Exilia waihaoensis* Suter, 1917 – Beu and Raine (2009); MolluscaBase (2023).

† ***Zexilia vixcostata* Finlay & Marwick, 1937**

Finlay, H.J. and J. Marwick, 1937, pp. 68, 69, pl. 9, fig. 3.

Holotype: MA73352, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Exilia vixcostata* (Finlay & Marwick, 1937) – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

Family VOLUTOMITRIDAE

† ***Conomitra othoniana* Finlay, 1924**

Finlay, H.J., 1924a, pp. 467, 468, pl. 50, figs 3a, b.

Holotype: MA70199, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72486, 19 specimens; MA72922, one specimen; all from the type locality.

Current name: *Volutomitra othoniana* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

***Microvoluta cuvierensis* Finlay, 1930**

Finlay, H.J., 1930c, p. 242, pl. 43, figs 19, 21.

Holotype: MA70473, collected from 69 m (38 fathoms) depth, off Cuvier Island, Waikato, New Zealand.

Paratypes: MA72590, one specimen; MA72908, 13 specimens; all from the type locality.

Current name: *Microvoluta marginata* (F.W. Hutton, 1885) – MolluscaBase (2023).

***Microvoluta garrardi* Cernohorsky, 1975**

Cernohorsky, W.O., 1975, pp. 225–227, figs 35–38, 41.

Holotype: AMS C.96235

Paratype: MA71651, one specimen, collected from the type locality, from 114–124 m depth, NE of Cape Moreton, Queensland, Australia.

Current name: *Microvoluta garrardi* Cernohorsky, 1975 – MolluscaBase (2023).

***Microvoluta obconica* Powell, 1952**

Powell, A.W.B., 1952b, pp. 183, 184, pl. 36, fig. 2.

Holotype: MA71194, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Peculator obconicus* (Powell, 1952) – MolluscaBase (2023).

***Microvoluta ponderi* Cernohorsky, 1975**

Cernohorsky, W.O., 1975, pp. 227, 228, figs 42–46.

Holotype: AMS C.98330

Paratype: MA71900, one specimen, collected by a ‘Challenge Expedition’, from 118 m depth, east of Port Jackson, New South Wales, Australia.

Current name: *Microvoluta miranda* (E.A. Smith, 1891) – MolluscaBase (2023).

† *Parvimitra allani* Finlay, 1930

Finlay, H.J., 1930b, pp. 65, 66, pl. 3, fig. 42.

Holotype: MA70588, collected from middle Eocene (Kaiatan) Waihao Greensand, McCulloch’s Bridge, Waihao, Canterbury, New Zealand.

Paratypes: MA72460, five specimens, from the type locality.

Current name: *Peculator plicatellus* (P. Marshall & Murdoch, 1923) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Parvimitra clifdenensis* Finlay, 1930

Finlay, H.J., 1930b, p. 65, not figured.

Holotype: MA70589, **Plate 8g**, collected from middle Miocene (Lillburnian) Park Bluff Sandstone, [Finlay’s bed 7A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Peculator clifdenensis* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Parvimitra ponsatanae* Finlay, 1930

Finlay, H.J., 1930b, p. 64, pl. 3, fig. 29.

Holotype: MA70590, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Current name: *Peculator pukeuriensis* (Finlay, 1930) – Beu and Raine (2009); MolluscaBase (2023).

† *Parvimitra pukeuriensis* Finlay, 1930

Finlay, H.J., 1930b, pp. 63, 64, pl. 3, figs 37–41.

Holotype: MA70591, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72456, 29 specimens; MA72457, four specimens, all from the type locality.

Current name: *Peculator pukeuriensis* (Finlay, 1930) – Beu and Raine (2009); MolluscaBase (2023).

† *Parvimitra scopi* Finlay, 1930

Finlay, H.J., 1930b, p. 64, not figured.

Holotype: MA70592, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72458, 16 specimens, from the type locality.

Current name: *Peculator pukeuriensis* (Finlay, 1930) – Beu and Raine (2009); MolluscaBase (2023).

† *Parvimitra subplicatellum* Finlay, 1930

Finlay, H.J., 1930b, pp. 64, 65, pl. 3, figs 43–45.

Holotype: MA70593, collected from middle Eocene (Kaiatan) Waihao Greensand, McCulloch’s Bridge, Waihao, Canterbury, New Zealand.

Paratypes: MA72459, 14 specimens, from the type locality.

Current name: *Peculator plicatellus* (P. Marshall & Murdoch, 1923) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

***Peculator bacatus* Cernohorsky, 1980**

Cernohorsky, W.O., 1980a, pp. 105, 106, fig. 1.

Holotype: MA71361, collected in 1952 from 158 m depth, east of Wood Point, South Australia, Australia.

Remarks: The holotype label has ‘ex ZMC’. This is assumed to be a reference to the Zoological Museum, Copenhagen. The collecting date therefore suggests that the specimen was collected as part of the 1952 Danish *Galathea* Expedition. Paratype 1, collected from the type locality, was lodged with AM (Cernohorsky, 1980a: 106) but has not been located.

Current name: *Peculator bacatus* Cernohorsky, 1980 – MolluscaBase (2023).

† *Proximitra partinoda* Finlay, 1930

Finlay, H.J., 1930b, p. 62, not figured.

Holotype: MA70640, **Plate 8h**, collected from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Paratypes: MA72455, two specimens, from the type locality.

Current name: *Proximitra partinoda* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Proximitra paucinoda* Finlay, 1930

Finlay, H.J., 1930b, pp. 62, 63, not figured.

Holotype: MA70641, **Plate 8i**, from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Peculator paucinoda* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Proximitra tumens* Finlay, 1930

Finlay, H.J., 1930b, p. 62, pl. 5, figs 67, 69, 70.

Holotype: MA70642, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72454, eight specimens, from the type locality.

Current name: *Proximitra apicalis* (F.W. Hutton, 1873) – Beu and Maxwell (1990: 203); MolluscaBase (2023).

† *Vexillum parki* R.S. Allan, 1926

Allan, R.S., 1926a, pp. 341, 342, pl. 77, fig. 2.

Holotype: Probably lost.

Paratypes: MA71283, three nearly complete specimens and three part specimens, collected by R.S. Allan, from the type locality, middle Eocene (Kaiatan) Waihao Greensand, McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Remarks: A number of Allan's types came to AM via the H.J. Finlay Collection (R.S. Allan 1926a: 339). An old label with the paratypes, probably in A.W.B. Powell's hand and annotated 'Holotype', shows that the holotype of *Vexillum parki* may have been amongst these. However, according to Cernohorsky (1970: 127) the holotype specimen appears to have been lost. None of the paratype specimens in AM conforms to the holotype measurements given by Allan (1926a: 342).

Current name: *Proximitra parki* (R.S. Allan, 1926) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

Volutomitra (Waimatea) vaubani Cernohorsky, 1982

Cernohorsky, W.O., 1982b, pp. 999, 1000, pl. 4, figs 23–28.

Holotype: MNHN-IM-2000-30314

Paratype: MA71871, one specimen, collected by NO Vauban on 10 April 1978, from the type locality, from 390–400 m depth, off southern New Caledonia, French Overseas Territory.

Current name: *Volutomitra vaubani* Cernohorsky, 1982 – MolluscaBase (2023).

† *Waimatea amplexa* Finlay, 1930

Finlay, H.J., 1930b, p. 66, not figured.

Holotype: MA70846, **Plate 8j**, collected from the middle Eocene (Bortonian) Waihao Greensand, Waihao Downs, Canterbury, New Zealand.

Paratypes: MA72461, five specimens, from the type locality.

Current name: *Volutomitra amplexa* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Waimatea transilis* Finlay, 1930

Finlay, H.J., 1930b, p. 67, not figured.

Holotype: MA70847, **Plate 8k**, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Paratype: MA73376, five specimens, from the type locality.

Current name: *Volutomitra transilis* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

Superfamily MITROIDEA

Family MITRIDAE

Cancilla (Ziba) cloveri Cernohorsky, 1971

Cernohorsky, W.O., 1971b, pp. 133–135, figs 4–8.

Holotype: MA71335, collected in August 1969, from 128 m (70 fathoms) depth, 120 km (75 miles) SW of Kaoshiung, Taiwan.

Current name: *Imbricaria cloveri* (Cernohorsky, 1971) – MolluscaBase (2023).

† *Clifdenia turneri* Laws, 1932

Laws, C.R., 1932, pp. 196, 197, pl. 30, figs 30–32.

Holotype: MA70177, collected by F.J. Turner, from the early Miocene (Altonian) Long Beach Shellbed, [Finlay's bed 6B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Clifdenia turneri* Laws, 1932 – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

† *Diplomitra waitemataensis* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 429, 430, pl. 34, figs 3, 4.

Holotype: MA72054, collected from the early Miocene (Otaian) Tipakuri Formation of 'Double U Bay', approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Current name: *Eumitra waitemataensis* (Powell & Bartrum, 1929) – Maxwell in: Spencer *et al.* (2009: 246); MolluscaBase (2023).

Mitra deynzeri Cernohorsky, 1980

Cernohorsky, W.O., 1980e, pp. 145, 146, figs 20–22.

Holotype: MA71363, collected by A. Deynzer, from 37–43 m depth, Seragaki [Serakaki], Okinawa Island, Japan.

Current name: *Acromargarita deynzeri* (Cernohorsky, 1980) – MolluscaBase (2023).

Mitra dondani Cernohorsky, 1985

Cernohorsky, W.O., 1985, pp. 56–58, figs 19–24.

Holotype: MA71370, collected from c. 220 m depth, Panlao [Panglao], Bohol, Philippines.

Current name: *Nebularia dondani* (Cernohorsky, 1985) – MolluscaBase (2023).

***Mitra hilli* Cernohorsky, 1976**

Cernohorsky, W.O., 1976, pp. 111–113, figs 1–5.

Holotype: MA71344, collected by W. Hill, from 132 m (72 fathoms) depth, 26–29 km (16–18 miles) north of Cape Moreton, South Queensland, Australia.

Current name: *Calcimitra hilli* (Cernohorsky, 1976) – Fedosov *et al.* (2018: 283); MolluscaBase (2023).

***Mitra maoria* Finlay, 1926**

Finlay, H.J., 1926b, p. 409, pl. 19, fig. 57.

Holotype: MA70481, collected from [Omanu Beach], Tauranga, Bay of Plenty, New Zealand.

Current name: *Isara carbonaria* (Swainson, 1822) – MolluscaBase (2023).

***Mitra (Nebularia) boucheti* Cernohorsky, 1988**

Cernohorsky, W.O., 1988b, p. 76, figs 1–4.

Holotype: MNHN IM-2000-30172

Paratype: MA71899, one specimen, collected on 18 August 1982 by the RV *Marion Dufresne* Expedition MD32, from the type locality, station DC41, from 75 m depth, off La Réunion, France.

Current name: *Gemmulimitra boucheti* (Cernohorsky (1988) – Fedosov *et al.* (2018: 299); MolluscaBase (2023).

***Mitra (Nebularia) earlei* Cernohorsky, 1977**

Cernohorsky, W.O., 1977, pp. 121–123, figs 1–5.

Holotype: MA71351, collected by R. Salisbury on 10 April 1976, from 110–183 m depth, Pokai Bay, Oahu, Hawaii, United States of America.

Paratypes: MA71639, two specimens, from the type locality.

Current name: *Roseomitra earlei* (Cernohorsky, 1977) – Fedosov *et al.* (2018: 294); MolluscaBase (2023).

***Neocancilla kayae* Cernohorsky, 1978**

Cernohorsky, W.O., 1978a, pp. 61, 62, figs 1, 2.

Holotype: MA71355, collected by R. Salisbury in 1976, from 110–128 m (60–70 fathoms) depth, Pokai Bay, Oahu, Hawaii, United States of America.

Remarks: Paratype 1, collected from 183 m (100 fathoms) depth, was published by Cernohorsky (1978a: 62) as lodged with AM, but is missing.

Current name: *Neocancilla kayae* Cernohorsky, 1978 – MolluscaBase (2023).

***Scabricola vicdani* Cernohorsky, 1981**

Cernohorsky, W.O., 1981b, pp. 193–195, figs 1–3.

Holotype: MA71367, trawled in ‘deep water’, Punta Engaño, Mactan Island, Philippines.

Current name: *Scabricola vicdani* Cernohorsky, 1981 – MolluscaBase (2023).

***Ziba kermadecensis* Cernohorsky, 1978**

Cernohorsky, W.O., 1978b, p. 61, figs 13–17.

Holotype: NMNZ M.225659

Paratypes: MA70646, one specimen, collected by RV *Acheron* on 25 October 1975, from 154 m depth, NW of Fleetwood Bluff, Raoul Island; MA71649, one specimen, collected by RV *Acheron* on 28 October 1975, from the type locality, SE of Nugent Island, Rangitāhua/Kermadec Islands, New Zealand.

Current name: *Imbricaria kermadecensis* (Cernohorsky, 1978) – Fedosov *et al.* (2018: 306); MolluscaBase (2023).

Superfamily OLIVOIDEA**Family OLIVIDAE*****Oliva parkinsoni* Prior, 1975**

Prior, C., 1975, p. 3, fig. p. 3.

Lectotypification in Cernohorsky, W.O., 1978c, pp. 79, 80, fig. 29.

Lectotype: MA71359, collected from coral sand, from 17–37 m (15–20 fathoms) depth, Rabaul, New Britain, Papua New Guinea.

Paralectotypes: MA71653, seven specimens, collected from 17–37 m (90–120 feet) depth, Nordup, east New Britain.

Current name: *Oliva parkinsoni* Prior, 1975 – MolluscaBase (2023).

Family ANCILLARIIDAE***Amalda (Gracilispira) northlandica* Hart, 1995**

Hart, M., 1995, pp. 85, 86, figs pp. 85, 86.

Holotype: NMNZ M.127383

Paratypes: MA72719, two specimens, collected by M. Hart in December 1994, from the type locality, Matai [Maitai] Bay, Northland, New Zealand.

Current name: *Amalda northlandica* Hart, 1995 – MolluscaBase (2023).

***Ancilla crystallina* Brookes, 1926**

Brookes, A.E., 1926, p. 589, pl. 102, figs 2, 2a.

Holotype: MA71278, dredged by A.E. Brookes, from 5–9 m (3–5 fathoms) depth, Russell, Northland, New Zealand.

Paratypes: MA72954, five specimens, from the type locality.

Current name: *Amalda novaezelandiae* (G.B. Sowerby II, 1859) – MolluscaBase (2023).

† *Baryspira waikaiaensis* Finlay, 1926

Finlay, H.J., 1926a, p. 251, pl. 56, figs 18, 19.

Holotype: MA70094, collected from the late Oligocene (Duntroonian) Chatton Formation, Waikaia, Southland, New Zealand.

Paratype: MA71682, one specimen, from the type locality.

Current name: *Amalda waikaiaensis* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 247); MolluscaBase (2023).

Superfamily CONOIDEA

Family uncertain

† *Austroclavus awakinoensis* Powell, 1942

Powell, A.W.B., 1942, p. 120, pl. 1, fig. 4.

Holotype: MA70921, collected from the early Miocene (Otaian) Mahoenui Formation, about 1.6 km (1 mile) east of Awakino Gorge road tunnel, Waikato, New Zealand.

Paratypes: MA71830, four specimens, from the type locality.

Current name: *Austroclavus awakinoensis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Austroclavus brevicaudalis* Powell, 1944

Powell, A.W.B., 1944, p. 40, pl. 2, fig. 2.

Holotype: MA70922, collected from middle Miocene (Balcombian) Gellibrand Formation, Fossil Beach, Balcombe Bay, Victoria, Australia.

Current name: *Austroclavus brevicaudalis* Powell, 1944 – Darragh (1970: 158); MolluscaBase (2023).

† *Austroclavus clifdenensis* Powell, 1942

Powell, A.W.B., 1942, pp. 119, 120, pl. 1, fig. 1.

Holotype: MA70923, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA71829, 13 specimens, from the type locality.

Current name: *Austroclavus clifdenensis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Austroclavus finlayi* Powell, 1942

Powell, A.W.B., 1942, p. 119, pl. 1, fig. 3.

Holotype: MA70924, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA71828, two specimens, from the type locality.

Current name: *Austroclavus finlayi* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Austroclavus glaber* Powell, 1944

Powell, A.W.B., 1944, p. 40, pl. 2, fig. 1.

Holotype: MA70925, collected from middle Miocene (Balcombian) Gellibrand Formation, Fossil Beach, Balcombe Bay, Victoria, Australia.

Paratypes: MA71746, five specimens, from the type locality.

Current name: *Austroclavus glaber* Powell, 1944 – Darragh (1970: 171); MolluscaBase (2023).

† *Austroclavus lygdinopsis* Powell, 1944

Powell, A.W.B., 1944, p. 41, pl. 2, fig. 4.

Holotype: MA70926, collected from the middle Miocene (Balcombian) Muddy Creek Formation, Clifton Bank, Hamilton, Southern Grampians Shire, Victoria, Australia.

Paratype: MA71833, one specimen, from the type locality.

Remarks: For the locality and age see Fitzgerald (2004: 187).

Current name: *Austroclavus lygdinopsis* Powell, 1944 – Darragh (1970: 179); MolluscaBase (2023).

† *Austroclavus marshalli* Powell, 1942

Powell, A.W.B., 1942, p. 120, pl. 1, fig. 2.

Holotype: MA70927, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA71831, two specimens; MA73384, three specimens; all from the type locality.

Current name: *Austroclavus marshalli* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Austroclavus teres* Powell, 1944

Powell, A.W.B., 1944, p. 40, pl. 2, fig. 3.

Holotype: MA70928, collected from the middle Miocene (Balcombian) Muddy Creek Formation, Clifton Bank, Hamilton, Southern Grampians Shire, Victoria, Australia.

Paratype: MA71832, one specimen, from the type locality.

Remarks: For the locality and age see Fitzgerald (2004: 187).

Current name: *Austroclavus teres* Powell, 1944 – Darragh (1970: 201); MolluscaBase (2023).

† *Austrotoma clifdenica* Powell, 1942

Powell, A.W.B., 1942, p. 74, pl. 3, fig. 4.

Holotype: MA70929, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Austrotoma clifdenica* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Austrotoma cryptoconoidea* Powell, 1942

Powell, A.W.B., 1942, p. 75, pl. 3, fig. 6.

Holotype: MA70930, collected by R.S. Allan, from the middle Miocene (Lillburnian) of the Park Bluff Sandstone [bed B] on the true left bank of the Waiau River, Clifden, Southland, New Zealand.

Current name: *Austrotoma cryptoconoidea* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Austrotoma echinata* Powell, 1942

Powell, A.W.B., 1942, p. 74, pl. 3, fig. 5.

Holotype: MA70931, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA71779, two specimens; MA73386, two specimens; all from the type locality.

Current name: *Austrotoma echinata* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Austrotoma finlayi* Powell, 1938

Powell, A.W.B., 1938a, pp. 375, 376, pl. 39, figs 16, 17.

Holotype: MA72013, collected from the early Miocene (Otaian) Tipakuri Formation of 'Double U Bay', approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratypes: MA71715, four specimens, from the type locality.

Current name: *Austrotoma finlayi* Powell, 1938 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Austrotoma gemmulata* Powell, 1942

Powell, A.W.B., 1942, p. 76, pl. 3, fig. 7.

Holotype: MA70932, collected from middle Miocene (Lillburnian) Lima Sand, [Finlay's bed 7C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Austrotoma gemmulata* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Austrotoma indiscreta* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 88, pl. 11, fig. 9.

Holotype: MA70080, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Austrotoma indiscreta* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Austrotoma inexpectata* Powell, 1944

Powell, A.W.B., 1944, pp. 23, 24, pl. 7, figs 6, 7.

Holotype: MA70933, collected from early Miocene (Longfordian) Fossil Bluff Sandstone at Fossil Bluff, near Wynyard, Tasmania, Australia.

Paratype: MA71726, one specimen, from the type locality.

Current name: *Austrotoma inexpectata* Powell, 1944 – Darragh (1970: 174); Beu (2011: 95); MolluscaBase (2023).

† *Austrotoma janjukiensis* Powell, 1944

Powell, A.W.B., 1944, p. 24, pl. 3, fig. 1.

Holotype: MA70934, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Remarks: The specimen came from the H.J. Finlay Collection, with Finlay's labels stating that it came 'per [C.R.] Laws from [the Rev. E.H.] Chapple', from 'Spring Creek Up' [the upper beds at Spring Creek]. Spring Creek was an early name for Torquay. There are two formations in the cliffs, the late Oligocene Jan Juc Formation which is conformably overlain by the early Miocene Puebla Formation. The Jan Juc Formation is a marl with coarse greensand bands, whereas the Puebla Formation is a grey clay (T.A. Darragh pers. comm. August 2023). In the absence of matrix with the specimen it is not possible to determine its provenance.

Current name: *Austrotoma janjukiensis* Powell, 1944 – Darragh (1970: 175); MolluscaBase (2023).

† *Austrotoma kaiparaensis* Powell, 1942

Powell, A.W.B., 1942, p. 73, pl. 3, fig. 9.

Holotype: MA70935, collected from the early Miocene (Otaian-Altonian), Pakaurangi Formation, Pakaurangi Point, Kaipara, Northland, New Zealand.

Paratypes: MA73385, three specimens, from the type locality.

Current name: *Austrotoma kaiparaensis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Austrotoma lawsi* Powell, 1942

Powell, A.W.B., 1942, p. 75, pl. 3, fig. 8.

Holotype: MA70936, collected from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Paratypes: MA73387, four specimens, from the type locality.

Current name: *Austrotoma lawsi* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Austrotoma nervosa* Powell, 1942

Powell, A.W.B., 1942, p. 76, pl. 14, fig. 6.

Holotype: MA70937, collected from the early Miocene (Altonian) Mount Harris Formation, Mount Harris, Canterbury, New Zealand.

Current name: *Austrotoma nervosa* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Austrotoma obsoleta* Finlay, 1926

Finlay, H.J., 1926a, pp. 253, 254, pl. 55, figs 13, 14.

Holotype: MA70081, collected from middle Miocene (Waiauan) Double Corner Shellbeds, Lower Waipara Gorge, North Canterbury, New Zealand.

Paratypes: MA71685, two specimens, from the type locality.

Current name: *Austrotoma obsoleta* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Austrotoma scopalveus* Finlay, 1926

Finlay, H.J., 1926a, p. 253, pl. 57, figs 19, 20.

Holotype: MA70082, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA71683, one specimen; MA71684, 35 specimens; all from the type locality.

Current name: *Austrotoma minor* (Finlay, 1924) – Powell (1942: 75); MolluscaBase (2023).

† *Campylacrum debile* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, pp. 86, 87, pl. 12, figs 1, 2.

Holotype: MA73343, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Campylacrum debile* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Cosmasyrinx marwicki* Beu, 1970

Beu, A.G., 1970, pp. 230, 231, pl. 4, fig. k.

Holotype: VU, VM570

Paratype: MA72795, one specimen, collected from the type locality, late Miocene (Tongaporutuan) sediments, Wainuioru River, Wairarapa, Wellington, New Zealand.

Current name: *Cosmasyrinx marwicki* Beu, 1970 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Eoscobinella tahuia* Powell, 1942

Powell, A.W.B., 1942, p. 122, pl. 4, fig. 1.

Holotype: MA70964, collected from middle Eocene (Kaiatan) Waihao Greensand, McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Current name: *Eoscobinella tahuia* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† '*Guraleus*' *sepelibilis* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 441, 442, pl. 41, figs 55–58.

Holotype: MA72066, collected from the early Miocene (Otaian) Tipakuri Formation of 'Double U Bay', approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Current name: *Rugobela sepelibilis* (Powell & Bartrum, 1929) – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Insolentia elegantula* Powell, 1942

Powell, A.W.B., 1942, p. 64, pl. 10, fig. 7.

Holotype: MA71003, collected from the early Miocene (Altonian) Mount Harris Formation, 'Dyer's Run', Waihao Valley, Canterbury, New Zealand.

Paratypes: MA71778, five specimens, from the type locality.

Current name: *Insolentia elegantula* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Liratomina adelaidensis* Powell, 1944

Powell, A.W.B., 1944, p. 27, pl. 7, fig. 5.

Holotype: MA71012, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Remarks: See *Notocallista* (*Striacallista*) *mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Austrotoma adelaidensis* Powell, 1944 – Darragh (1970: 152); MolluscaBase (2023).

† *Liratomina intertexta* Powell, 1944

Powell, A.W.B., 1944, pp. 26, 27, pl. 7, fig. 4.

Holotype: MA71013, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Remarks: The specimen came from the H.J. Finlay Collection, but the only extant handwritten label is from Powell who recorded that the specimen was from 'Torquay (upper) Victoria. (Janjukian)'. See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimen.

Current name: *Austrotoma intertexta* Powell, 1944 – Darragh (1970: 175); MolluscaBase (2023).

† *Marshallaria waitakiensis* Powell, 1942

Powell, A.W.B., 1942, p. 81, pl. 3, fig. 11.

Holotype: MA71022, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Current name: *Marshallaria waitakiensis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Marshallena anomala* Powell, 1942

Powell, A.W.B., 1942, p. 83, pl. 14, fig. 1.

Holotype: MA71023, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Current name: *Zeatoma anomala* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Marshallena austrotomoides* Powell, 1931

Powell, A.W.B., 1931a, p. 106, pl. 10, figs 5, 6.

Holotype: MA70446, collected by A.W.B. Powell in January 1931, from the late Pliocene (Waipipian) Tangahoe Formation, near the mouth of Waihi Stream, Hawera, New Zealand.

Paratype: MA71643, one specimen, from the type locality.

Current name: *Zeatoma austrotomoides* (Powell, 1931) – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Notogenota finlayi* Powell, 1942

Powell, A.W.B., 1942, p. 79, pl. 3, fig. 10.

Holotype: MA71070, collected from middle Eocene (Kaiatan) Waihao Greensand, McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Paratypes: MA71780, three specimens, from the type locality.

Current name: *Notogenota finlayi* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Rugobela exsculpta* Powell, 1944

Powell, A.W.B., 1944, p. 63, pl. 6, fig. 5.

Holotype: MA71111, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Current name: *Rugobela exsculpta* Powell, 1944 – Darragh (1970: 169); MolluscaBase (2023).

† *Rugobela semilaevigata* Laws, 1935

Laws, C.R., 1935c, p. 40, pl. 7, fig. 23.

Holotype: MA70684, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Paratypes: MA72682, six specimens, from the type locality.

Current name: *Rugobela semilaevigata* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Rugobela tenuicostata* Laws, 1935

Laws, C.R., 1935c, pp. 39, 40, pl. 7, fig. 22.

Holotype: MA70685, from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Rugobela tenuicostata* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Tahudrillia simplex* Powell, 1942

Powell, A.W.B., 1942, p. 99, pl. 4, fig. 4.

Holotype: MA71132, collected from middle Eocene (Kaiatan) Waihao Greensand, McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Paratypes: MA71792, three specimens, from the type locality.

Current name: *Tahudrillia simplex* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Tholitoma dolorosa* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, pp. 85, 86, pl. 12, figs 6, 7, 11.

Holotype: GNS TM 7326

Paratypes: MA72871, two specimens, collected from the type locality, early Paleocene (lower Teurian), Wangaloa, coast between Mitchells Rocks and Measly Beach, Otago, New Zealand.

Current name: *Cosmasyrinx dolorosa* (Finlay & Marwick, 1937) – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† '*Turris*' *finlayi* Powell, 1935

Powell, A.W.B., 1935d, p. 338, pl. 78, figs 28, 29.

Holotype: MA70807, collected by A.W.B. Powell, from the early Miocene (Altonian) Nihotupu Formation, between Powell and Bartrum Bays, approximately 2 km south of Muriwai Beach, west Auckland, New Zealand.

Paratypes: MA71665, three specimens, from the type locality.

Current name: *Echinoturris finlayi* (Powell, 1935) – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Verconella formosa* R.S. Allan, 1926

Allan, R.S., 1926a, p. 340, pl. 76, fig. 7.

Holotype: CM M386

Paratypes: MA72875, one specimen; MA73383, 12 specimens; all collected by R.S. Allan, from the type locality, from middle Eocene (Kaiatan) Waihao Greensand at McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Current name: *Tahuia formosa* (R.S. Allan, 1926) – Maxwell (1992: 157); MolluscaBase (2023).

† *Verconella spiralis* R.S. Allan, 1926

Allan, R.S., 1926a, p. 340, pl. 76, fig. 9.

Holotype: CM M364

Paratypes: MA71286, two partial specimens, from middle Eocene (Kaiatan) Waihao Greensand at McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Remarks: These fragments came from the H.J. Finlay Collection, which was sold to AM in 1937, and were incorrectly labelled holotype. A label in A.W.B. Powell's hand noted that they do not conform to Allan's (1926a) original figure or dimensions.

Current name: *Marshallaria spiralis* – Maxwell (1992: 155); MolluscaBase (2023).

† *Xenuroturris* (*Veruturris*) *bisculptus* Powell, 1944

Powell, A.W.B., 1944, p. 11, pl. 1, fig. 4.

Holotype: MA71151, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Paratype: MA71718, one specimen, from the type locality.

Remarks: See *Notocallista* (*Striacallista*) *mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Veruturris bisculptus* (Powell, 1944) – Powell (1964b: 318); MolluscaBase (2023).

† *Xenuroturrus* (*Veruturrus*) *cochleatus* Powell, 1944
Powell, A.W.B., 1944, p. 10, pl. 7, fig. 11.

Holotype: MA71152, collected from the middle Miocene (Balcombian) Muddy Creek Formation, Clifton Bank, Hamilton, Southern Grampians Shire, Victoria, Australia.

Paratype: MA71717, one specimen, from the type locality.

Remarks: For the locality and age see Fitzgerald (2004: 187).

Current name: *Veruturrus cochleatus* (Powell, 1944) – Powell (1964b: 318); MolluscaBase (2023).

† *Xenuroturrus* (*Veruturrus*) *quadricarinatus* Powell, 1944
Powell, A.W.B., 1944, p. 11, pl. 1, fig. 5.

Holotype: MA71153, collected from the middle Miocene (Balcombian) Muddy Creek Formation, Clifton Bank, Hamilton, Southern Grampians Shire, Victoria, Australia.

Paratype: MA71814, one specimen, from the type locality.

Remarks: For the locality and age see Fitzgerald (2004: 187).

Current name: *Veruturrus quadricarinatus* (Powell, 1944) – Powell (1964b: 318, 319); MolluscaBase (2023).

† *Xenuroturrus* (*Veruturrus*) *tomopleuroides* Powell, 1944
Powell, A.W.B., 1944, p. 11, pl. 1, fig. 3.

Holotype: MA71154, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Remarks: See *Notocallista* (*Striacallista*) *mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Veruturrus tomopleuroides* (Powell, 1944) – Powell (1964b: 319); MolluscaBase (2023).

Family CONIDAE

† *Conospira rivertonensis* Finlay, 1926
Finlay, H.J., 1926a, p. 255, pl. 56, fig. 13.

Holotype: MA70200, collected from the early Miocene (Altonian) at ‘Pourakino’, NW of present-day Riverton, Southland, New Zealand.

Current name: *Conilithes rivertonensis* (Finlay, 1926) – Fleming (1968: 123); MolluscaBase (2023).

Conus boucheti Richard, 1983

Richard, G., 1983, pp. 53, 54, figs 1–4.

Holotype: MNHN-IM-2000-2578

Paratype: MA71772, one specimen, collected by crew of the RV *Vaubin*, from the type locality, 400 m depth, Pointe Sud du Grand Recif, SW of Ile des Pines, New Caledonia, French Overseas Territory.

Current name: *Conasprella boucheti* (Richard, 1983) – MolluscaBase (2023).

Conus cernohorskyi da Motta, 1983

da Motta, A.J., 1983, pp. 2, 3, figs 9–13.

Holotype: MNHGD 983.110

Paratype: MA71964, one specimen, collected by Philippine divers, from the type locality, from shallow water near ‘Borogon’ [Borongan], Samar Oriental, Philippines.

Current name: *Conus metcalfei* (Reeve, 1843) – MolluscaBase (2023).

Conus kanakinus Richard, 1983

Richard, G., 1983, p. 55, figs 5–9.

Holotype: MNHN-IM-2000-2548

Paratype: MA71773, one specimen, collected by crew of the RV *Vaubin*, from the type locality, 390–395 m depth, SW of Ile des Pines, New Caledonia, French Overseas Territory.

Current name: *Profundiconus kanakinus* (Richard, 1983) – MolluscaBase (2023).

Conus solomonensis Delsaerd, 1992

Delsaerd, A.G.J., 1992, pp. 65, 67, figs p. 67.

Holotype: NMH 1992156

Paratype: MA72917, one specimen, collected by A. Delsaerd in 1992, from the type locality, reef off Kakambone, west of Honiara, Guadalcanal, Solomon Islands.

Current name: *Conus solomonensis* Delsaerd, 1992 – MolluscaBase (2023).

† *Conus* (*Conospira*) *tahuensis* R.S. Allan, 1926

Allan, R.S., 1926a, p. 344, pl. 77, fig. 6.

Holotype: CM M187

Paratype: MA72923, one specimen, collected by R.S. Allan, from the type locality, middle Eocene (Kaiatan) Waihao Greensand at McCulloch’s Bridge, Waihao, Canterbury, New Zealand.

Current name: *Conilithes tahuensis* (R.S. Allan, 1926) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Conus* (*Lithoconus*) *triangularis* Finlay, 1924

Finlay, H.J., 1924a, p. 479, pl. 48, figs 10a, b.

Holotype: MA70201, collected from middle–late Eocene (Kaiatan), Waiareka Volcanic Formation, Lorne [Whitstone, near the disused railway station], Otago, New Zealand.

Remarks: Finlay (1924a) incorrectly reported the locality as ‘Kakanui Tuffs, on the beach [Kakanui], below the limestone. See *Austrotriton cyphoides* Finlay, 1924 (MA70083) for further clarification.

Paratype: MA72491, one specimen, from the type locality.

Current name: *Conus trigonicus* Tomlin, 1937 – Beu and Raine (2009); MolluscaBase (2023).

Family BORSONIIDAE†*Awateria retiolata* L.C. King, 1933

King, L.C., 1933, p. 351, pl. 36, fig. 12.

Holotype: GNS TM 9441

Paratype: MA72882, one specimen, collected from the type locality, Early Pleistocene (early Nukumaruan) of the Onoke Formation, cliffs east of Lake Ferry, Palliser Bay, Wellington, New Zealand.

Current name: *Awateria retiolata* L.C. King, 1933 – Beu (2011: 40); MolluscaBase (2023).

†*Bathytoma mitchelsoni* Powell, 1935

Powell, A.W.B., 1935d, pp. 337, 338, pl. 77, figs 15, 16.

Holotype: MA70096, collected from the early Miocene (Altonian) Nihotupu Formation, between Powell and Bartrum Bays, approximately 2 km south of Muriwai Beach, west Auckland, New Zealand.

Current name: *Bathytoma mitchelsoni* Powell, 1935 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Belatomina clathrata* Powell, 1944

Powell, A.W.B., 1944, p. 25, pl. 7, fig. 9.

Holotype: MA70939, collected from the middle Miocene (Balcombian) Muddy Creek Formation, Clifton Bank, Hamilton, Southern Grampians Shire, Victoria, Australia.

Remarks: For the locality and age see Fitzgerald (2004: 187).

Current name: *Belatomina clathrata* Powell, 1944 – Beu (2011: 96); MolluscaBase (2023).

Borsonia brasiliiana Tippet, 1983

Tippet, D.L., 1983, pp. 136–138, figs 1–5.

Holotype: USNM 810567

Paratypes: MA73218, two specimens, dredged by the RV *Oregon* on 9 March 1963, from the type locality, station 4226, from 274 m (150 fathoms) depth, 322 km (200 miles) north of Sao Luis, Brazil.

Current name: *Borsonia brasiliiana* Tippet, 1983 – MolluscaBase (2023).

†*Borsonia clifdenensis* Finlay, 1930

Finlay, H.J., 1930b, p. 82, not figured.

Holotype: MA70105, **Plate 8c**, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Borsonia clifdenensis* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Borsonia tatei* Powell, 1944

Powell, A.W.B., 1944, p. 42, pl. 3, fig. 8.

Holotype: MA70942, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation,

Torquay, Victoria, Australia.

Remarks: The specimen came from the H.J. Finlay Collection, who stated that it came 'per [C.R.] Laws from [the Rev. E.H.] Chapple', from 'Spring Creek Up' [the upper beds at Spring Creek]. Spring Creek was an early name for Torquay. There are two formations in the cliffs, the late Oligocene Jan Juc Formation which is conformably overlain by the early Miocene Puebla Formation. The Jan Juc Formation is a marl with coarse greensand bands, whereas the Puebla Formation is a grey clay (T.A. Darragh pers. comm. August 2023). In the absence of matrix with the specimen it is not possible to determine its provenance.

Current name: *Borsonia tatei* Powell, 1944 – Long (1981: 35, 36); MolluscaBase (2023).

†*Borsonia torquayensis* Powell, 1944

Powell, A.W.B., 1944, p. 42, pl. 1, fig. 11.

Holotype: MA70943, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Paratype: MA71969, one specimen, from the type locality.

Remarks: The specimens came from the H.J. Finlay Collection, who stated on the labels that they came from the 'lower blue clays only'. There are two formations in the cliffs, the late Oligocene Jan Juc Formation which is conformably overlain by the early Miocene Puebla Formation. The Jan Juc Formation is a marl with coarse greensand bands, whereas the Puebla Formation is a grey clay (T.A. Darragh pers. comm. August 2023). In the absence of matrix with the specimens it is not possible to determine their provenance.

Current name: *Borsonia torquayensis* Powell, 1944 – Darragh (1970: 201); MolluscaBase (2023).

†*Cordieria haasti* Finlay, 1930

Finlay, H.J., 1930b, p. 83, pl. 4, figs 57–59.

Holotype: MA70204, collected from middle Eocene (Kaiatan) Waihao Greensand, McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Paratypes: MA5503, four specimens, from the type locality.

Current name: *Cordieria rudis* (F.W. Hutton, 1885) – Beu and Raine (2009); MolluscaBase (2023).

†*Cordieria huttoni* Finlay, 1930

Finlay, H.J., 1930b, pp. 84, pl. 4, figs 52–55.

Holotype: MA70205, collected from middle Eocene (Kaiatan) Waihao Greensand, McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Paratype: MA72474, one specimen, from the type locality.

Current name: *Cordieria huttoni* Finlay, 1930 – Beu and Raine (2009); MolluscaBase (2023).

† *Cordieria verrucosa* Finlay, 1930

Finlay, H.J., 1930b, pp. 83, 84, pl. 4, figs 60, 61.

Holotype: MA70206, collected from middle Eocene (Kaiatan) Waihao Greensand, McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Current name: *Cordieria rudis* (F.W. Hutton, 1885) – Beu and Raine (2009); MolluscaBase (2023).

† *Filodrillia ludbrookae* Powell, 1944

Powell, A.W.B., 1944, p. 57, pl. 5, fig. 9.

Holotype: MA70987, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Remarks: See *Notocallista (Striacallista) mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Filodrillia ludbrookae* Powell, 1944 – Darragh (1970: 179); MolluscaBase (2023).

† *Filodrillia turricula* Powell, 1944

Powell, A.W.B., 1944, p. 56, pl. 5, fig. 8.

Holotype: MA70988, collected from middle Miocene (Balcombian) Gellibrand Formation at Fossil Beach, Balcombe Bay, Victoria, Australia.

Paratypes: MA71761, four specimens, from the type locality.

Current name: *Filodrillia turricula* Powell, 1944 – Darragh (1970: 203); MolluscaBase (2023).

Leucosyrinx queenslandica Powell, 1969

Powell, A.W.B., 1969, pp. 338, 339, pl. 258, figs 1, 2.

Holotype: MA71321, collected from the type locality by T. Garrard, from (70–100 fathoms) depth, 25 km (12–15 miles) NNE of Cape Moreton, Queensland, Australia.

Paratype: MA71874, one specimen, from the type locality.

Remarks: Powell (1969: 339) stated that the holotype was lodged with AMS. However, a specimen labelled as the holotype by Powell was registered at AM as MA71321. The figures which accompanied his species description (Powell 1969: pl. 258, figs 1, 2) were also labelled as those of the holotype. However, they are of two different specimens. Figure 2 corresponds to the specimen in MA71321, but the specimen in fig. 1 has not been found in either the AM or the AMS collection. It is assumed that the label data with MA71321 is correct and that this is the holotype specimen.

Current name: *Zemacies queenslandica* (Powell, 1969) – MolluscaBase (2023).

† *Maoritomella annosa* Powell, 1942

Powell, A.W.B., 1942, p. 114, pl. 4, fig. 10.

Holotype: MA71017, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Paratype: MA71802, one specimen, from the type locality.

Current name: *Drilliola annosa* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Maoritomella balcombensis* Powell, 1944

Powell, A.W.B., 1944, p. 39, pl. 4, fig. 12.

Holotype: MA71018, collected from middle Miocene (Balcombian) Gellibrand Formation at Fossil Beach, Balcombe Bay, Victoria, Australia.

Paratypes: MA71745, seven specimens, from the type locality.

Current name: *Maoritomella balcombensis* Powell, 1944 – Darragh (1970: 157); MolluscaBase (2023).

† *Maoritomella equispiralis* Powell, 1944

Powell, A.W.B., 1944, p. 39, pl. 2, fig. 16.

Holotype: MA71019, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Paratypes: MA71744, three specimens; MA71806, three specimens; all from the type locality.

Remarks: The holotype specimen came from the H.J. Finlay Collection, which was sold to AM in 1937. Finlay's label has the type locality as Torquay, Victoria, and Powell (1944: 39) published this as the type locality. However, Powell also had a handwritten label designating the specimen as holotype but with the type locality as Abattoirs Bore, Adelaide. Paratype lot MA71744 was, until 1993, kept with the holotype and was subsequently given the same locality data as the holotype. However, there are no handwritten labels with these specimens. Paratype lot MA71806 has a label in Powell's script, designating them paratypes and the collecting locality as Abattoirs Bore, Adelaide. As Finlay's label is the earliest, it has here been assumed that his Torquay locality is correct and that Powell's later labels recording Abattoirs Bore are incorrect. See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimens.

Current name: *Maoritomella equispiralis* Powell, 1944 – Darragh (1970: 168); MolluscaBase (2023).

† *Maoritomella nutans* Powell, 1944

Powell, A.W.B., 1944, p. 39, pl. 2, fig. 15.

Holotype: MA71020, collected by W. Howchin and J.C. Verco in 1919, from the Pliocene upper Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Remarks: See *Notocallista (Striacallista) mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Maoritomella nutans* Powell, 1944 – Darragh (1970: 183); MolluscaBase (2023).

† *Maoritomella pagodula* Powell, 1942

Powell, A.W.B., 1942, p. 115, pl. 13, fig. 9.

Holotype: GNS TM 9442

Paratypes: MA71804, two specimens, collected from Pliocene (Waipipian) soft grey sandstone below the uppermost band of Te Aute Limestone, near Whetukura, Manawatū–Whanganui, New Zealand.

Current name: *Maoritomella pagodula* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Maoritomella pukeuriensis* Powell, 1942

Powell, A.W.B., 1942, p. 114, pl. 4, fig. 9.

Holotype: MA71021, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA71803, two specimens, from the type locality.

Current name: *Drilliola pukeuriensis* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Maoritomella sola* Powell, 1942

Powell, A.W.B., 1942, p. 114, pl. 4, fig. 11.

Holotype: MA72186, from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Drilliola sola* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

Micantapex finlayi Powell, 1940

Powell, A.W.B., 1940, p. 245, figured in Powell, 1942, pl. 13, fig. 3.

Holotype: MA72096, collected from 201 m (110 fathoms) depth, off Great Barrier Island, New Zealand.

Current name: *Bathytoma murdochi* Finlay, 1930 – MolluscaBase (2023).

Micantapex parengonius Dell, 1956

Dell, R.K., 1956a, pp. 129, 130, fig. 168.

Holotype: NMNZ M.009786

Paratype: MA72752, one specimen, collected by MV *Alert* on 10 February 1954, from the type locality, Chatham Rise, New Zealand.

Current name: *Bathytoma parengonia* (Dell, 1956) – MolluscaBase (2023).

† *Micantapex parri* Powell, 1944

Powell, A.W.B., 1944, p. 15, pl. 7, fig. 2.

Holotype: MA71038, collected by W.J. Parr, from the middle Miocene (Balcombian) Gellibrand Formation, Altona Bay brown coal shafts, Altona Bay, Victoria, Australia.

Paratypes: MA71720, four specimens, from the type locality.

Current name: *Bathytoma parri* Powell, 1944 – Darragh (1970: 185); Bouchet *et al.* (2011: 278); MolluscaBase (2023).

† *Micantapex perarmatus* Powell, 1944

Powell, A.W.B., 1944, p. 14, pl. 7, fig. 1.

Holotype: MA71039, collected by W.J. Parr, from middle Miocene (Balcombian?) sediments, Clifton Beach, 3.2 km (2 miles) west of Princetown, Victoria, Australia.

Paratype: MA71719, one specimen, from the type locality.

Current name: *Bathytoma perarmata* Powell, 1944 – Darragh (1970: 186); Bouchet *et al.* (2011: 278); MolluscaBase (2023).

† *Micantapex proavitus* Powell, 1942

Powell, A.W.B., 1942, pp. 54, 55, pl. 13, fig. 4.

Holotype: GNS TM 9456

Paratypes: MA71776, four specimens, from the type locality, from Pliocene (Waipipian), near ‘Rangitoto Junction’, east of Takapau and south of Hatuma, Hawke’s Bay, New Zealand.

Current name: *Bathytoma proavita* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Phenatoma precursor* Powell, 1942

Powell, A.W.B., 1942, p. 109, pl. 10, fig. 8.

Holotype: MA71088, presumed to have been collected from Early Pleistocene (Nukumarian) of the Petane Formation, cliff opposite the Eskdale Bridge, Petane, Hawke’s Bay, New Zealand.

Paratype: MA71798, one specimen, from the type locality.

Remarks: Powell (1942: 109) published the type locality as Inner Harbour, Napier. However, Finlay’s original label, as well as another in Powell’s script, give the type locality as Petane.

Current name: *Phenatoma precursor* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Tomopleura clifdenica* Powell, 1942

Powell, A.W.B., 1942, p. 112, pl. 12, fig. 9.

Holotype: MA71139, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay’s bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA71799, four specimens, from the type locality.

Current name: *Tomopleura clifdenica* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Tomopleura finlayi* Powell, 1942

Powell, A.W.B., 1942, pp. 112, 113, pl. 12, fig. 10.

Holotype: MA71140, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Paratypes: MA71801, three specimens, from the type locality.

Current name: *Tomopleura finlayi* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Tomopleura ludbrookae* Powell, 1944

Powell, A.W.B., 1944, p. 38, pl. 2, fig. 14.

Holotype: MA71141, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Remarks: See *Notocallista (Striacallista) mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Tomopleura ludbrookae* Powell, 1944 – Darragh (1970: 179); MolluscaBase (2023).

† *Tomopleura waiuensis* Powell, 1942

Powell, A.W.B., 1942, p. 112, pl. 12, fig. 12.

Holotype: MA71142, collected from middle Miocene (Waiauian) Nissen Shellbeds 2–6, [Finlay's bed 8A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA71800, three specimens, from the type locality.

Current name: *Tomopleura waiuensis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Zemacies armata* Powell, 1942

Powell, A.W.B., 1942, p. 66, pl. 4, fig. 6.

Holotype: MA71157, collected from middle Eocene (Bortonian) Waihao Greensand, abandoned railway cutting, Waihao Downs, Canterbury, New Zealand.

Current name: *Zemacies armata* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Zemacies elatior* Finlay, 1926

Finlay, H.J., 1926a, p. 252, figured in Finlay & Marwick, 1937, pl. 17, figs 5, 10.

Holotype: MA70876, from early Miocene (Altonian) Fouraye Siltstone, [Finlay's bed 4B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA70433, one specimen; MA72918, one specimen; both from the type locality.

Current name: *Zemacies elatior* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Zemacies immatura* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 87, pl. 12, fig. 10.

Holotype: MA73349, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Zemacies immatura* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Zemacies inexpectata* Powell, 1944

Powell, A.W.B., 1944, pp. 21, 22, pl. 7, fig. 8.

Holotype: MA71158, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Remarks: See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimen.

Current name: *Zemacies inexpectata* Powell, 1944 – Darragh (1970: 174); MolluscaBase (2023).

† *Zemacies lividorupis* Laws, 1935

Laws, C.R., 1935c, p. 35, pl. 5, fig. 12.

Holotype: MA70878, from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Zemacies lividorupis* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Zemacies simulacrum* Laws, 1935

Laws, C.R., 1935c, pp. 34, 35, pl. 5, fig. 11.

Holotype: MA70879, collected by C.R. Laws, from the middle Miocene (Lillburnian) of the Park Bluff Sandstone [bed B] on the true left bank of the Waiau River, Clifden, Southland, New Zealand.

Paratype: MA72677, one specimen, from the type locality.

Current name: *Zemacies simulacrum* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

Family CLATHURELLIDAE

† *Etrema exsculpta* Powell, 1944

Powell, A.W.B., 1944, p. 54, pl. 5, fig. 4.

Holotype: MA70965, collected from the middle Miocene (Balcombian) Gellibrand Formation, Altona Bay brown coal shafts, Altona Bay, Victoria, Australia.

Current name: *Etrema exsculpta* Powell, 1944 – Darragh (1970: 169); MolluscaBase (2023).

† *Etrema gippslandensis* Powell, 1944

Powell, A.W.B., 1944, p. 54, pl. 5, fig. 2.

Holotype: MA70966, collected from early Pliocene (Kalimnan), Gippsland Lakes, Victoria, Australia.

Current name: *Etrema gippslandensis* Powell, 1944 – Darragh (1970: 171); MolluscaBase (2023).

† *Etrema granolirata* Powell, 1944

Powell, A.W.B., 1944, pp. 52, 53, pl. 5, fig. 3.

Holotype: MA70967, collected from the middle Miocene (Balcombian) Gellibrand Formation at Fossil Beach, Balcombe Bay, Victoria, Australia.

Paratypes: MA71758, one specimen; MA71827, one specimen; both from the type locality.

Current name: *Heterocithara granolirata* (Powell, 1944) – Darragh (1970: 172); MolluscaBase (2023).

†*Etrema janjukiensis* Powell, 1944

Powell, A.W.B., 1944, p. 52, pl. 5, fig. 1.

Holotype: MA70968, collected from early Miocene (Longfordian) Fossil Bluff Sandstone at Fossil Bluff, near Wynyard, Tasmania, Australia.

Paratypes: MA71757, one specimen; MA71826, one specimen; both from the type locality.

Current name: *Etrema janjukiensis* Powell, 1944 – Darragh (1970: 174); MolluscaBase (2023).

†*Etrema mirabilis* Powell, 1944

Powell, A.W.B., 1944, p. 54, pl. 5, fig. 5.

Holotype: MA70969, collected from the late Miocene Jemmys Point Formation, Gippsland, Victoria, Australia.

Paratype: MA71985, one specimen, from the type locality.

Remarks: The specimens came from the H.J. Finlay Collection and the labels record that they came from ‘Curdies River’ and were Kalimnan in age. This was repeated by Powell (1944: 54). There are no original labels, but it is likely that the specimens came from the Dennant Collection. These were loaned by the National Museum of Victoria to F.A. Singleton for a revision of the turrids. Many of these were labelled Gippsland Lakes and CR. CR stands for Christopher Ritchie, a farmer, who had a property near Lakes Entrance on the Mississippi Creek from which John Dennant collected specimens. It is also likely that the specimens were taken without permission by Finlay on a visit to Australia in 1924 (T.A. Darragh pers. comm. August 2023).

Current name: *Etrema mirabilis* Powell, 1944 – Darragh (1970: 181); MolluscaBase (2023).

†*Etremopsis aequisculpta* Powell, 1942

Powell, A.W.B., 1942, p. 153, pl. 9, fig. 3.

Holotype: MA70970, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA71865, five specimens, from the type locality.

Current name: *Etremopsis aequisculpta* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Etremopsis carinapex* Powell, 1942

Powell, A.W.B., 1942, p. 153, pl. 9, fig. 6.

Holotype: MA70971, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Current name: *Etremopsis carinapex* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Etremopsis clifdenica* Powell, 1942

Powell, A.W.B., 1942, p. 152, pl. 9, fig. 9.

Holotype: MA70972, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay’s bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA71863, 17 specimens, from the type locality.

Current name: *Etremopsis clifdenica* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Etremopsis compta* Powell, 1942

Powell, A.W.B., 1942, p. 152, pl. 9, fig. 10.

Holotype: MA70973, collected from the middle Miocene (Lillburnian) of the Park Bluff Sandstone [bed B] on the true left bank of the Waiau River, Clifden, Southland, New Zealand.

Current name: *Etremopsis compta* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Etremopsis contigua* Powell, 1944

Powell, A.W.B., 1944, p. 55, pl. 5, fig. 6.

Holotype: MA70974, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Paratypes: MA71760, 36 specimens, from the type locality.

Remarks: See *Notocallista (Striacallista) mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Etremopsis contigua* Powell, 1944 – Darragh (1970: 162); MolluscaBase (2023).

†*Etremopsis elata* Powell, 1942

Powell, A.W.B., 1942, pp. 153, 154, pl. 9, fig. 8.

Holotype: MA70975, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA71866, 58 specimens, from the type locality.

Current name: *Etremopsis elata* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Etremopsis erecta* Powell, 1942

Powell, A.W.B., 1942, pp. 152, 153, pl. 9, fig. 7.

Holotype: MA70976, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay’s bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA71864, 14 specimens, from the type locality.

Current name: *Etremopsis erecta* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

†*Etremopsis haroldi* Powell, 1942

Powell, A.W.B., 1942, p. 154, pl. 9, fig. 4.

Holotype: MA70977, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Paratypes: MA71868, two specimens, from the type locality.

Current name: *Etremopsis haroldi* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Etremopsis latiapex* Powell, 1942

Powell, A.W.B., 1942, pp. 154, 155, pl. 9, fig. 5.

Holotype: MA70978, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA71869, seven specimens, from the type locality.

Current name: *Etremopsis latiapex* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Etremopsis oamarutica* Powell, 1942

Powell, A.W.B., 1942, p. 154, pl. 9, fig. 2.

Holotype: MA70979, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Paratypes: MA71867, two specimens, from the type locality.

Current name: *Etremopsis oamarutica* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Etremopsis opposita* Powell, 1944

Powell, A.W.B., 1944, p. 55, pl. 5, fig. 7.

Holotype: MA70980, collected from the middle Miocene (Balcombian) Gellibrand Formation, Altona Bay brown coal shafts, Altona Bay, Victoria, Australia.

Paratype: MA71759, one specimen, from the type locality.

Current name: *Etremopsis opposita* Powell, 1944 – Darragh (1970: 182); MolluscaBase (2023).

† *Etremopsis quadrispiralis* Powell, 1942

Powell, A.W.B., 1942, p. 154, pl. 9, fig. 1.

Holotype: MA70981, collected from the early Miocene (Altonian) of the Mount Harris Formation at 'Dyer's Run', lower Waihao Valley, Canterbury, New Zealand.

Current name: *Etremopsis quadrispiralis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

Turrella gracilis Laseron, 1954

Laseron, C.F., 1954, p. 37, pl. 9, figs 189, 190.

Holotype: AMS C.103388

Paratype: MA72777, one specimen, collected by J. Kitchen, from 14.6 m (8 fathoms) depth, off Eden, New South Wales, Australia.

Current name: *Turrella gracilis* Laseron, 1954 – MolluscaBase (2023).

Family COCHLESPIRIDAE

† *Apiotoma balcombensis* Powell, 1944

Powell, A.W.B., 1944, p. 20, pl. 7, fig. 10.

Holotype: MA70915, collected from the middle Miocene (Balcombian) Gellibrand Formation at Fossil Beach, Balcombe Bay, Victoria, Australia.

Paratypes: MA71724, two specimens, from the type locality.

Current name: *Apiotoma balcombensis* Powell, 1944 – Darragh (1970: 157); MolluscaBase (2023).

† *Apiotoma chapplei* Powell, 1944

Powell, A.W.B., 1944, p. 21, pl. 3, fig. 6.

Holotype: MA70916, collected from the middle Miocene (Balcombian) Gellibrand Formation at Fossil Beach, Balcombe Bay, Victoria, Australia.

Current name: *Apiotoma chapplei* Powell, 1944 – Darragh (1970: 160); MolluscaBase (2023).

† *Apiotoma pritchardi* Powell, 1944

Powell, A.W.B., 1944, pp. 20, 21, pl. 3, fig. 7.

Holotype: MA70917, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Paratypes: MA71725, 11 specimens, from the type locality.

Remarks: See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimens.

Current name: *Apiotoma pritchardi* Powell, 1944 – Darragh (1970: 189); MolluscaBase (2023).

Apiotoma tibiaformis sibukoensis Powell, 1969

Powell, A.W.B., 1969, p. 347, pl. 265, figs 7, 8.

Holotype: USNM 290006

Paratype: MA71875, one specimen, collected by U.S. Bureau of Fisheries RV *Albatross* on 28 September 1909, from the type locality, station 5586, from 635 m (347 fathoms) depth, off Sipadan Island, Sabah, Malaysia.

Current name: *Apiotoma tibiaformis sibukoensis* Powell, 1969 – MolluscaBase (2023).

† *Apiotoma zelandica* Beu, 1970

Beu, A.G., 1970, p. 229, pl. 2, figs 10, 12; pl. 3, fig. d.

Holotype: VU VM416

Paratype: MA72797, one specimen, collected from the type locality, late Miocene (Tongaporutuan) sediments, Bell's Creek, tributary of Mangaopari [Mangapari] Stream, Wairarapa, Wellington, New Zealand.

Current name: *Apiotoma zelandica* Beu, 1970 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

Cochlespira beuteli Powell, 1969

Powell, A.W.B., 1969, p. 404, pl. 316.

Holotype: MA71320, collected by B. Beutel in 1967, from 124 m (68 fathoms) depth, NE of Cape Moreton, Queensland, Australia.

Current name: *Cochlespira beuteli* Powell, 1969 – MolluscaBase (2023).

† *Coronasyrinx semiplana* Powell, 1944

Powell, A.W.B., 1944, pp. 22, 23, pl. 1, fig. 2.

Holotype: MA70956, collected from the late Oligocene (Janjukian) Blanche Point Formation, Aldinga, South Australia, Australia.

Current name: *Cochlespira semiplana* (Powell, 1944) – Bouchet *et al.* (2011: 289); MolluscaBase (2023).

† *Coronasyrinx venusta* Powell, 1944

Powell, A.W.B., 1944, p. 22, pl. 1, fig. 1.

Holotype: MA70957, collected from the middle Miocene (Balcombian) Gellibrand Formation at Fossil Beach, Balcombe Bay, Victoria, Australia.

Current name: *Cochlespira venusta* (Powell, 1944) – Bouchet *et al.* (2011: 289); MolluscaBase (2023).

† *Parasyrinx finlayi* R.S. Allan, 1926

Allan, R.S., 1926a, p. 344, pl. 77, fig. 5.

Holotype: MA71284, collected by R.S. Allan, from middle Eocene (Kaiatan) Waihao Greensand at McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Paratypes: MA72849, three specimens, from the type locality.

Current name: *Cochlespira maorum* (P. Marshall & Murdoch, 1923) – Beu and Raine (2009); MolluscaBase (2023).

Family DRILLIIDAE

Mangilia laodice Dall, 1919

Dall, W.H., 1919, pp. 70, 71, pl. 21, fig. 8.

Lectotype: USNM 207587

Paralectotypes: MA73223, two specimens, collected by the then U.S. Fish Commission RV *Albatross* on 2 March 1888, station 2792, from 733 m (401 fathoms) depth, off 'Cape San Lorenzo', Manta, Ecuador.

Current name: *Spirotropis laodice* (Dall, 1919) – MolluscaBase (2023).

† *Splendrillia adelaidae* Powell, 1944

Powell, A.W.B., 1944, p. 31, pl. 2, fig. 6.

Holotype: MA71118, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Paratype: MA71732, one specimen, from the type locality.

Remarks: See *Notocallista* (*Striacallista*) *mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Splendrillia adelaidae* Powell, 1944 – Darragh (1970: 152); MolluscaBase (2023).

† *Splendrillia annectens* Powell, 1942

Powell, A.W.B., 1942, p. 103, pl. 12, fig. 5.

Holotype: MA72196, collected from the Early–Middle Pleistocene (Castlecliffian) at Castlecliff,

Manawatū-Whanganui, New Zealand.

Current name: *Splendrillia annectens* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Splendrillia anomala* Powell, 1942

Powell, A.W.B., 1942, pp. 103, 104, pl. 12, fig. 3.

Holotype: MA72195, collected from the Early–Middle Pleistocene (Castlecliffian) at Castlecliff, Manawatū-Whanganui, New Zealand.

Paratypes: MA71794, five specimens, from the type locality.

Current name: *Splendrillia anomala* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Splendrillia clifdenensis* Powell, 1942

Powell, A.W.B., 1942, p. 101, pl. 2, fig. 2.

Holotype: MA71119, collected from middle Miocene (Lillburnian) Lima Sand, [Finlay's bed 7C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Splendrillia clifdenensis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Splendrillia edita* Powell, 1942

Powell, A.W.B., 1942, p. 103, pl. 2, fig. 3.

Holotype: MA71120, collected from Early Pleistocene (Nukumarian) of the Petane Formation, cliff opposite the Eskdale Bridge, Petane, Hawke's Bay, New Zealand.

Current name: *Splendrillia edita* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Splendrillia elongata* Beu, 1970

Beu, A.G., 1970, p. 236, pl. 4, fig. j.

Holotypes: VU VM506

Paratypes: MA72798, two specimens, collected from the type locality, late Miocene (Tongaporutuan) sediments, 'McCleod's Stream', Mangaopari [Mangapari] Stream, Wairarapa, Wellington, New Zealand.

Current name: *Splendrillia elongata* Beu, 1970 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Splendrillia formosa* Powell, 1944

Powell, A.W.B., 1944, p. 31, pl. 2, fig. 5.

Holotype: MA71121, collected from the middle Miocene (Balcombian) Muddy Creek Formation, Clifton Bank, Hamilton, Southern Grampians Shire, Victoria, Australia.

Paratype: MA71729, one specimen, from the type locality.

Remarks: For the locality and age see Fitzgerald (2004: 187).

Current name: *Splendrillia formosa* Powell, 1944 – Darragh (1970: 170); MolluscaBase (2023).

***Splendrillia larochei* Powell, 1940**

Powell, A.W.B., 1940, p. 243, pl. 31, fig. 8.

Holotype: MA72143, collected from 256 m (140 fathoms) depth, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Splendrillia larochei* Powell, 1940 – MolluscaBase (2023).

†*Splendrillia lincta* Powell, 1942

Powell, A.W.B., 1942, p. 101, pl. 12, fig. 1.

Holotype: GNS TM 9457

Paratype: MA71793, one specimen, from the type locality (NZGS loc. 1574), early Pliocene (Opoitian), approximately 600 m SE of the junction of Putere and Cricklewood Roads, Hawke's Bay, New Zealand.

Current name: *Splendrillia lincta* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

***Splendrillia otagoensis* Powell, 1942**

Powell, A.W.B., 1942, p. 104, pl. 2, fig. 4.

Holotype: MA71122, collected from 91 m (50 fathoms) depth, off Oamaru, Otago, New Zealand.

Paratypes: MA71795, five specimens, from the type locality.

Current name: *Splendrillia otagoensis* Powell, 1942 – MolluscaBase (2023).

†*Splendrillia (Hauturua) vellai* Beu, 1970

Beu, A.G., 1970, p. 237, pl. 4, fig. i.

Holotype: VU VM519.

Paratype: MA72851, one specimen, collected by A.G. Beu in 1967, from late Miocene (Tongaporutuan), sediments, Mangoariki Stream, Wairarapa, Wellington, New Zealand.

Current name: *Hauturua vellai* (Beu, 1970) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

†*Syntomodrillia circinata* Powell, 1944

Powell, A.W.B., 1944, p. 33, pl. 2, fig. 12.

Holotype: MA71124, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Paratypes: MA71733, 14 specimens, from the type locality.

Remarks: See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimens.

Current name: *Syntomodrillia circinata* Powell, 1944 – Darragh (1970: 160); MolluscaBase (2023).

†*Syntomodrillia complexa* Powell, 1944

Powell, A.W.B., 1944, p. 33, pl. 2, fig. 8.

Holotype: MA71125, collected from the middle Miocene (Balcombian) Gellibrand Formation, Altona Bay brown coal shafts, Altona Bay, Victoria, Australia.

Current name: *Syntomodrillia complexa* Powell, 1944 – Darragh (1970: 161); MolluscaBase (2023).

†*Syntomodrillia compta* Powell, 1944

Powell, A.W.B., 1944, p. 33, pl. 2, fig. 9.

Holotype: MA71126, collected from the middle Miocene (Balcombian) Gellibrand Formation, Fossil Beach, Balcombe Bay, Victoria, Australia.

Paratype: MA71735, one specimen, from the type locality.

Current name: *Syntomodrillia compta* Powell, 1944 – Darragh (1970: 62); MolluscaBase (2023).

†*Syntomodrillia ludbrookae* Powell, 1944

Powell, A.W.B., 1944, p. 34, pl. 2, fig. 10.

Holotype: MA71127, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Paratype: MA71737, one specimen, from the type locality.

Remarks: See *Notocallista (Striacallista) mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Syntomodrillia ludbrookae* Powell, 1944 – Darragh (1970: 179); MolluscaBase (2023).

†*Syntomodrillia obsoleta* Powell, 1944

Powell, A.W.B., 1944, pp. 33, 34, pl. 2, fig. 11.

Holotype: MA71128, collected from the middle Miocene (Balcombian) Gellibrand Formation, Fossil Beach, Balcombe Bay, Victoria, Australia.

Paratypes: MA71736, four specimens, from the type locality.

Current name: *Syntomodrillia obsoleta* Powell, 1944 – Darragh (1970: 184); MolluscaBase (2023).

†*Syntomodrillia venusta* Powell, 1944

Powell, A.W.B., 1944, p. 33, pl. 2, fig. 7.

Holotype: MA71129, collected from the middle Miocene (Balcombian) Gellibrand Formation, Fossil Beach, Balcombe Bay, Victoria, Australia.

Paratypes: MA71734, five specimens, from the type locality.

Current name: *Syntomodrillia venusta* Powell, 1944 – Darragh (1970: 205); MolluscaBase (2023).

†*Syntomodrillia waiuensis* Powell, 1942

Powell, A.W.B., 1942, p. 105, pl. 2, fig. 6.

Holotype: MA71130, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA71796, six specimens, from the type locality.

Current name: *Syntomodrillia waiuensis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

†*Syntomodrillia (Hauturua) exuta* Powell, 1944

Powell, A.W.B., 1944, p. 34, pl. 2, fig. 13.

Holotype: MA71131, collected from early Pliocene (Kaiman) Gipsland Lakes, Victoria, Australia.

Paratypes: MA71738, four specimens, from the type locality.

Current name: *Hauturua exuta* Powell, 1944 – Darragh (1970: 169); MolluscaBase (2023).

†*Syntomodrillia (Hauturua) vivens* Powell, 1942

Powell, A.W.B., 1942, p. 106, pl. 2, fig. 5.

Holotype: MA72197, collected from 37 m (20 fathoms) depth, off Hauturu-o-Toi/Little Barrier Island, Auckland, New Zealand.

Current name: *Hauturua vivens* (Powell, 1942) – MolluscaBase (2023).

Family HORAICLAVIDAE

†*Anacithara clifdenica* Powell, 1942

Powell, A.W.B., 1942, p. 155, pl. 5, fig. 8.

Holotype: MA70899, from early Miocene (Altonian) Fouraye Siltstone, [Finlay's bed 4B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Anacithara clifdenica* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

†*Anacithara errabunda* Powell, 1942

Powell, A.W.B., 1942, p. 156, pl. 5, fig. 10.

Holotype: MA70900, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C [Bed A] (for correlation see Fleming *et al.* 1969)], on the true left bank of the Waiau River at Clifden, Southland, New Zealand.

Current name: *Anacithara errabunda* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

†*Anacithara finlayi* Powell, 1942

Powell, A.W.B., 1942, p. 156, pl. 5, fig. 7.

Holotype: MA70901, collected from middle Miocene (Lillburnian) Lima Sand, [Finlay's bed 7C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Anacithara finlayi* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

†*Anacithara janjukiensis* Powell, 1944

Powell, A.W.B., 1944, p. 58, pl. 5, fig. 10.

Holotype: MA70902, collected from early Miocene (Longfordian) Fossil Bluff Sandstone at Fossil Bluff, near Wynyard, Tasmania, Australia.

Current name: *Anacithara janjukiensis* Powell, 1944 – Darragh (1970: 175); MolluscaBase (2023).

†*Anacithara nana* Powell, 1942

Powell, A.W.B., 1942, p. 156, pl. 5, fig. 11.

Holotype: MA70903, collected from middle Miocene (Lillburnian) Lill Sand, [Finlay's bed 7A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Anacithara nana* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

†*Aoteadrillia bisecta* Powell, 1942

Powell, A.W.B., 1942, pp. 92, 93, pl. 1, fig. 6.

Holotype: MA70911, collected from Early Pleistocene (Nukumaruan) of the Petane Formation, Petane, Hawke's Bay, New Zealand.

Current name: *Aoteadrillia wanganuiensis* (F.W. Hutton, 1873) – Beu (2011: 79); MolluscaBase (2023).

†*Aoteadrillia finlayi* Powell, 1942

Powell, A.W.B., 1942, p. 93, pl. 1, fig. 5.

Holotype: MA70912, collected by C.R. Laws, from Early Pleistocene (Nukumaruan) of the Petane Formation, cliff opposite the Eskdale Bridge, Petane, Hawke's Bay, New Zealand.

Paratype: MA71786, one specimen, from the type locality.

Current name: *Aoteadrillia finlayi* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

†*Aoteadrillia otagoensis* Powell, 1942

Powell, A.W.B., 1942, p. 89, pl. 2, fig. 8.

Holotype: MA70913, collected 16 km (10 miles) ENE of Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratypes: MA71785, ten specimens, from the type locality.

Current name: *Aoteadrillia otagoensis* Powell, 1942 – MolluscaBase (2023).

†*Aoteadrillia thomsoni* Powell, 1942

Powell, A.W.B., 1942, pp. 90, 91, pl. 2, fig. 7.

Holotype: MA70914, collected by J.A. Thomson, from the Early Pleistocene (Nukumaruan?), east shore of Lake Grassmere, Marlborough, New Zealand.

Paratype: MA71790, one specimen, from the type locality.

Current name: *Aoteadrillia wanganuiensis* (F.W. Hutton, 1873) – Beu (2011: 79); MolluscaBase (2023).

†*Aoteadrillia waihuaensis* Powell, 1942

Powell, A.W.B., 1942, p. 91, pl. 12, fig. 14.

Holotype: GNS TM 8698

Paratype: MA71789, one specimen, collected from the type locality, Pliocene (Waipipian–Mangapanian), Waihua River upstream from Ngamahanga Stream, Hawke's Bay, New Zealand.

Current name: *Aoteadrillia waihuaensis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Austrodrillia beta* L.C. King, 1933

King, L.C., 1933, p. 349, pl. 36, fig. 7.

Holotype: GNS TM 8309

Paratypes: MA72881, two specimens, collected from the type locality, Early Pleistocene (Nukumaruan) of the Onoke Formation, cliffs east of Lake Ferry, Palliser Bay, Wellington, New Zealand.

Current name: *Aoteadrillia wanganuiensis* (F.W. Hutton, 1873) – Beu (2011: 79); MolluscaBase (2023).

† *Austrodrillia consequens* Laws, 1936

Laws, C.R., 1936b, p. 121, pl. 17, figs 76, 78.

Holotype: MA70055, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratypes: MA72715, two specimens, from the type locality.

Remarks: Since it was imaged the holotype specimen has been broken at some unknown date.

Current name: *Aoteadrillia consequens* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Austrodrillia gamma* L.C. King, 1933

King, L.C., 1933, p. 350, pl. 36, fig. 8.

Holotype: GNS TM 8310

Paratype: MA72880, one specimen, collected from the type locality, Early Pleistocene (Nukumaruan) of the Onoke Formation, cliffs east of Lake Ferry, Palliser Bay, Wellington, New Zealand.

Current name: *Aoteadrillia wanganuiensis* (F.W. Hutton, 1873) – Beu (2011: 79); MolluscaBase (2023).

Austrodrillia (Regidrillia) secunda Powell, 1965

Powell, A.W.B., 1965, pp. 166, 167, pl. 22, fig. 7.

Holotype: MA71244, collected by N.W. Gardner, from Great Barrier Island, New Zealand.

Current name: *Austrodrillia secunda* Powell, 1965 – MolluscaBase (2023).

Austrodrillia (Regidrillia) sola Powell, 1942

Powell, A.W.B., 1942, p. 99, pl. 10, fig. 4.

Holotype: MA72183, collected from 183 m (100 fathoms) depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Austrodrillia sola* Powell, 1942 – MolluscaBase (2023).

† *Mauidrillia aldingensis* Powell, 1944

Powell, A.W.B., 1944, pp. 36, 37, pl. 4, fig. 6.

Holotype: MA71024, collected from the late Oligocene (Janjukian) Blanche Point Formation, Aldinga, South Australia, Australia.

Paratype: MA71742, one specimen, from the type locality.

Current name: *Mauidrillia aldingensis* Powell, 1944 – Darragh (1970: 153); MolluscaBase (2023).

† *Mauidrillia angustata* Powell, 1942

Powell, A.W.B., 1942, p. 87, pl. 1, fig. 9.

Holotype: MA71025, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA70474, eight specimens; MA71784, ten specimens; all from the type locality.

Current name: *Mauidrillia angustata* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Mauidrillia clavicula* Powell, 1942

Powell, A.W.B., 1942, p. 86, pl. 1, fig. 12.

Holotype: MA71026, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA71783, 45 specimens, from the type locality.

Current name: *Mauidrillia clavicula* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Mauidrillia imparilirata* Powell, 1942

Powell, A.W.B., 1942, p. 86, pl. 1, fig. 8.

Holotype: MA71027, collected from the early Miocene (Otaian) Pakaurangi Formation, Pakaurangi Point, Kaipara, Northland, New Zealand.

Paratype: MA71782, one specimen, from the type locality.

Current name: *Mauidrillia imparilirata* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Mauidrillia inaequalis* Powell, 1942

Powell, A.W.B., 1942, p. 86, pl. 1, fig. 11.

Holotype: MA71028, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Paratypes: MA71781, 26 specimens, from the type locality.

Current name: *Mauidrillia inaequalis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Mauidrillia intumescens* Powell, 1944

Powell, A.W.B., 1944, p. 37, pl. 4, fig. 4.

Holotype: MA71029, collected from the early Pliocene (Kalimnan), Gippsland Lakes, Victoria, Australia.

Remarks: The specimen is from the H.J. Finlay Collection, which he sold to AM in 1937. It may be from wells drilled near Lakes Entrance, but not ‘the Lakes Entrance Oil Shaft’ which was not started until late 1942 (Enever 2010).

Current name: *Mauidrillia intumescens* Powell, 1944 – Darragh (1970: 174); MolluscaBase (2023).

† *Mauidrillia partinoda* Powell, 1944

Powell, A.W.B., 1944, pp. 35, 36, pl. 4, fig. 5.

Holotype: MA71030, collected from the middle Miocene (Balcombian) Gellibrand Formation, Fossil Beach, Balcombe Bay, Victoria, Australia.

Paratypes: MA71740, two specimens; MA71805, four specimens; all from the type locality.

Current name: *Mauidrillia partinoda* Powell, 1944 – Darragh (1970: 168); MolluscaBase (2023).

† *Mauidrillia secta* Powell, 1944

Powell, A.W.B., 1944, p. 37, pl. 4, fig. 10.

Holotype: MA71031, collected from the late Oligocene (Janjukian) Blanche Point Formation, Aldinga, South Australia, Australia.

Current name: *Mauidrillia secta* Powell, 1944 – Darragh (1970: 193); MolluscaBase (2023).

† *Mauidrillia serrulata* Powell, 1944

Powell, A.W.B., 1944, p. 36, pl. 4, fig. 8.

Holotype: MA71032, collected from the middle Miocene (Balcombian) Gellibrand Formation, Fossil Beach, Balcombe Bay, Victoria, Australia.

Paratypes: MA71741, one specimen; MA71808, one specimen; both from the type locality.

Current name: *Mauidrillia serrulata* Powell, 1944 – Darragh (1970: 194); MolluscaBase (2023).

† *Mauidrillia supralaevis* Powell, 1942

Powell, A.W.B., 1942, p. 86, pl. 1, fig. 7.

Holotype: MA71033, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA73369, 28 specimens, from the type locality.

Current name: *Mauidrillia supralaevis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Mauidrillia torquayensis* Powell, 1944

Powell, A.W.B., 1944, p. 35, pl. 4, fig. 7.

Holotype: MA71034, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Paratypes: MA71739, two specimens, from the type locality.

Remarks: See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimens.

Current name: *Mauidrillia torquayensis* Powell, 1944 – Darragh (1970: 202); MolluscaBase (2023).

† *Mauidrillia trispiralis* Powell, 1944

Powell, A.W.B., 1944, p. 36, pl. 4, fig. 9.

Holotype: MA71035, collected from early Miocene (Longfordian) [Gellibrand Marl], Gellibrand River, Victoria, Australia.

Current name: *Mauidrillia trispiralis* Powell, 1944 – Darragh (1970: 203); MolluscaBase (2023).

† *Mauidrillia unilrata* Powell, 1942

Powell, A.W.B., 1942, p. 87, pl. 1, fig. 10.

Holotype: MA71036, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Current name: *Mauidrillia unilrata* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Pseudexomilus caelatus* Powell, 1944

Powell, A.W.B., 1944, p. 62, pl. 6, fig. 12.

Holotype: MA71097, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Paratypes: MA71764, one specimen; MA71813, one specimen; both from the type locality.

Remarks: See *Notocallista (Striacallista) mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Pseudexomilus caelatus* Powell, 1944 – Darragh (1970: 159); MolluscaBase (2023).

Spirotropis remota Powell, 1958

Powell, A.W.B., 1958c, p. 204, pl. 2, fig. 5.

Holotype: SAM D15513

Paratypes: MA71958, four specimens, collected during the 1929–1931 British Australian New Zealand Antarctic Research Expedition, from the type locality, station 39, off Enderby Land, Australian Antarctic Territory.

Current name: *Micropleurotoma remota* (Powell, 1958) – Kantor *et al.* (2016: 198); MolluscaBase (2023).

Family MANGELIIDAE

Agathotoma klasmidia Shasky, 1971

Shasky, D.R., 1971, p. 71, fig. 8.

Holotype: LACM 1576

Paratypes: MA72779, two specimens, collected by D.R. Shasky on 23 December 1962, from the type locality, 16–20 m depth, approx. 1.6 km (1 mile) offshore, Olas Altas Bay, Mazatlan, Sinaloa, Mexico.

Current name: *Agathotoma klasmidia* Shasky, 1971 – MolluscaBase (2023).

† *Antiguraleus deceptus* Powell, 1942

Powell, A.W.B., 1942, pp. 146, 147, pl. 8, fig. 7.

Holotype: MA70904, collected from Early Pleistocene (Nukumaruan) of the Petane Formation, Petane, Hawke's Bay, New Zealand.

Paratypes: MA71857, four specimens, from the type locality.

Current name: *Antiguraleus deceptus* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

***Antiguraleus fenestratus* Powell, 1942**

Powell, A.W.B., 1942, p. 148, pl. 8, fig. 6.

Holotype: MA70905, collected from 110 m (60 fathoms) depth, off Poor Knights Islands, Northland, New Zealand.

Current name: *Antiguraleus fenestratus* Powell, 1942 – MolluscaBase (2023).

***Antiguraleus fusiformis* Dell, 1956**

Dell, R.K., 1956a, p. 140, pl. 20, fig. 206.

Holotype: NMNZ M.009693

Paratype: MA72747, one specimen, collected by E.J. Batham on 28 March 1954, from the type locality, Karitane Canyon, off Otago Peninsula, New Zealand.

Current name: *Antiguraleus fusiformis* Dell, 1956 – MolluscaBase (2023).

***Antiguraleus otagoensis* Powell, 1942**

Powell, A.W.B., 1942, pp. 147, 148, pl. 8, fig. 4.

Holotype: MA70906, collected from 91 m (50 fathoms) depth, off Oamaru, Otago, New Zealand.

Paratypes: MA71859, 22 specimens, from the type locality.

Current name: *Antiguraleus otagoensis* Powell, 1942 – MolluscaBase (2023).

***Antiguraleus pedicus* Powell, 1942**

Powell, A.W.B., 1942, p. 148, pl. 8, fig. 5.

Holotype: MA70907, collected from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratype: MA71860, one specimen, from the type locality.

Current name: *Antiguraleus pedicus* Powell, 1942 – MolluscaBase (2023).

***Antiguraleus rossianus* Powell, 1942**

Powell, A.W.B., 1942, p. 148, pl. 8, fig. 3.

Holotype: MA70908, collected [by J. Bollons in 1922], from 174 m (95 fathoms) depth, off Auckland Islands, New Zealand.

Current name: *Antiguraleus rossianus* Powell, 1942 – MolluscaBase (2023).

***Antiguraleus subtruncatus* Powell, 1942**

Powell, A.W.B., 1942, p. 147, pl. 8, fig. 1.

Holotype: MA70909, collected from 91 m (50 fathoms) depth, off Oamaru, Otago, New Zealand.

Paratypes: MA71858, 22 specimens, from the type locality.

Current name: *Antiguraleus subtruncatus* Powell, 1942 – MolluscaBase (2023).

***Belalora thielei* Powell, 1951**

Powell, A.W.B., 1951c, p. 172, pl. 6, fig. 20.

Paratypes: MA71950, five specimens, collected by the crew of RRS *William Scoresby* on 22 December 1931, from the type locality, station WS801, in 165 m depth, NW of Falkland Islands to Patagonia, Chile.

Current name: *Belalora thielei* Powell, 1951 – MolluscaBase (2023).

?*Cytharella janira* Dall, 1919

Dall, W.H., 1919, pp. 76, 77, pl. 21, fig. 10.

Lectotype: USNM 55285

Paralectotype: MA72940, one specimen, collected from the type locality, San Diego, California, United States of America.

Current name: *Tenaturris janira* (Dall, 1919) – MolluscaBase (2023).

†*Guraleus adelaidensis* Powell, 1944

Powell, A.W.B., 1944, p. 49, pl. 6, fig. 13.

Holotype: MA70991, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Paratypes: MA71752, eight specimens; MA71820, seven specimens; all from the type locality.

Remarks: See *Notocallista* (*Striacallista*) *mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Guraleus adelaidensis* Powell, 1944 – Darragh (1970: 152); MolluscaBase (2023).

†*Guraleus chapplei* Powell, 1944

Powell, A.W.B., 1944, p. 47, pl. 4, fig. 1.

Holotype: MA70992, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Remarks: See *Notocallista* (*Striacallista*) *mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Guraleus chapplei* Powell, 1944 – Darragh (1970: 160); MolluscaBase (2023).

†*Guraleus harrisi* Powell, 1944

Powell, A.W.B., 1944, p. 48, pl. 6, fig. 15.

Holotype: MA70993, collected from the middle Miocene (Balcombian) Muddy Creek Formation, Clifton Bank, Hamilton, Southern Grampians Shire, Victoria, Australia.

Remarks: For the locality and age see Fitzgerald (2004: 187).

Current name: *Guraleus harrisi* Powell, 1944 – Darragh (1970: 173); MolluscaBase (2023).

†*Guraleus janjukiensis* Powell, 1944

Powell, A.W.B., 1944, pp. 47, 48, pl. 4, fig. 2.

Holotype: MA70994, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Remarks: See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimen.

Current name: *Guraleus janjukiensis* Powell, 1944 – Darragh (1970: 175); MolluscaBase (2023).

† *Guraleus ludbrookae* Powell, 1944

Powell, A.W.B., 1944, p. 47, pl. 4, fig. 3.

Holotype: MA70995, collected by W. Howchin and J.C. Vercó in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Paratypes: MA71750, six specimens; MA71821, eight specimens; all from the type locality.

Remarks: See *Notocallista* (*Striacallista*) *mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Guraleus ludbrookae* Powell, 1944 – Darragh (1970: 179); MolluscaBase (2023).

† *Guraleus singletoni* Powell, 1944

Powell, A.W.B., 1944, p. 48, pl. 6, fig. 14.

Holotype: MA70996, collected from the Pliocene (Kalmann) Grange Burn Formation, Forsyth's Grange Burn, near Hamilton, Victoria, Australia.

Paratype: MA71751, one specimen, from the type locality.

Remarks: For the locality and age see Fitzgerald (2004: 187).

Current name: *Guraleus singletoni* Powell, 1944 – Darragh (1970: 195); MolluscaBase (2023).

Guraleus tasmanis Laseron, 1954

Laseron, C.F., 1954, p. 30, pl. 7, figs 143, 144.

Holotype: AMS C.103436

Paratypes: MA72776, three specimens; MA73663, two specimens; all collected from the type locality, 128 m (70 fathoms) depth, off Green Cape, New South Wales, Australia.

Current name: *Guraleus tasmanis tasmanis* Laseron, 1954 – MolluscaBase (2023).

Guraleus tasmanis tritonus Laseron, 1954

Laseron, C.F., 1954, p. 30, pl. 7, figs 145, 146.

Syntypes: AMS C.103437

Syntypes: MA72910, one specimen, collected from 55–64 m (30–35 fathoms) depth, off Crookhaven, New South Wales, Australia; MA72911, two specimens, collected from 73 m (40 fathoms) depth, off the Manning River, New South Wales, Australia.

Current name: *Guraleus tasmanis tritonus* Laseron, 1954 – MolluscaBase (2023).

Guraleus tenebrosus Powell, 1926

Powell, A.W.B., 1926c, pp. 37, 38, fig. 1.

Holotype: MA72067, collected live by W. La Roche, Taupo Bay, Northland, New Zealand.

Paratypes: MA73188, one specimen; MA71389, two specimens; all from the type locality.

Current name: *Neoguraleus lyallensis* (Murdoch, 1905) – MolluscaBase (2023).

† *Guraleus* (*Paraguraleus*) *abbreviatus* Powell, 1944

Powell, A.W.B., p. 1944, p. 50, pl. 5, fig. 11.

Holotype: MA70997, collected by W. Howchin and J.C. Vercó in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Paratype: MA71755, one specimen, from the type locality.

Remarks: See *Notocallista* (*Striacallista*) *mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Antiguraleus abbreviatus* (Powell, 1944) – Darragh (1970: 151); MolluscaBase (2023).

† *Guraleus* (*Paraguraleus*) *balcombensis* Powell, 1944

Powell, A.W.B., 1944, p. 50, pl. 5, fig. 13.

Holotype: MA70998, collected from the middle Miocene (Balcombian) Gellibrand Formation, Fossil Beach, Balcombe Bay, Victoria, Australia.

Paratypes: MA71754, three specimens; MA71822, four specimens; all from the type locality.

Current name: *Paraguraleus balcombensis* (Powell, 1944) – Darragh (1970: 157); MolluscaBase (2023).

† *Guraleus* (*Paraguraleus*) *finlayi* Powell, 1944

Powell, A.W.B., 1944, p. 50, pl. 5, fig. 12.

Holotype: MA70999, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Paratypes: MA71753, one specimen; MA71823, one specimen; both from the type locality.

Remarks: See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimens.

Current name: *Antiguraleus finlayi* (Powell, 1944) – Darragh (1970: 172); MolluscaBase (2023).

† *Guraleus* (*Paraguraleus*) *incisus* Powell, 1944

Powell, A.W.B., 1944, p. 51, pl. 5, fig. 14.

Holotype: MA71000, collected by W. Howchin and J.C. Vercó in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Paratype: MA71756, three specimens, from the type locality.

Remarks: See *Notocallista* (*Striacallista*) *mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Antiguraleus incisus* (Powell, 1944) – Darragh (1970: 174); MolluscaBase (2023).

† *Heterocithara miocenica* Powell, 1944

Powell, A.W.B., 1944, p. 57, pl. 4, fig. 11.

Holotype: MA71001, collected from the middle Miocene (Balcombian) Gellibrand Formation, Fossil Beach, Balcombe Bay, Victoria, Australia.

Paratype: MA71762, one specimen, from the type locality.

Current name: *Heterocithara miocenica* Powell, 1944 – Darragh, 1970: 181; MolluscaBase (2023).

***Liracraea odhneri* Powell, 1942**

Powell, A.W.B., 1942, p. 150, pl. 5, fig. 4.

Holotype: MA72184, collected from 11 m (6 fathoms) depth, Tryphena Bay, Great Barrier Island, New Zealand.

Paratypes: MA71862, five specimens, from the type locality.

Current name: *Liracraea odhneri* Powell, 1942 – MolluscaBase (2023).

***Liracraea otakaica* Powell, 1942**

Powell, A.W.B., 1942, p. 149, pl. 5, fig. 5.

Holotype: MA71011, collected from 110 m (60 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratype: MA71861, one specimen, from the type locality.

Current name: *Liracraea otakaica* Powell, 1942 – MolluscaBase (2023).

† ***'Liracraea' sata* Laws, 1936**

Laws, C.R., 1936b, pp. 119, 120, pl. 17, fig. 77.

Holotype: MA70408, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratype: MA72717, one specimen, from the type locality.

Current name: *Fusiguraleus satus* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

***Liracraea subantarctica* Powell, 1942**

Powell, A.W.B., 1942, p. 149, pl. 5, fig. 6.

Holotype: MA72185, collected from 91 m (50 fathoms) depth, off the Bounty Islands, New Zealand.

Current name: *Liracraea epentroma subantarctica* Powell, 1942 – MolluscaBase (2023).

***Mangilia patagoniensis* Dall, 1919**

Dall, W.H., 1919, pp. 66, 67, not figured.

Lectotype: USNM 122751

Paralectotype: MA72930, one specimen, trawled by the then US Fish Commission RV *Albatross* on 9 February 1888, from the type locality, from 112 m (61 fathoms) south of Taitao Peninsula, Gulf of Penas, Chile.

Current name: *Mangilia patagoniensis* (Dall, 1919) – MolluscaBase (2023).

***Neoguraleus benthicola* Powell, 1942**

Powell, A.W.B., 1942, pp. 136, 137, pl. 6, fig. 3.

Holotype: MA72189, collected from 91 m (50 fathoms) depth, off Oamaru, Otago, New Zealand.

Current name: *Neoguraleus benthicolus* Powell, 1942 – MolluscaBase (2023).

† ***Neoguraleus deceptus* Powell, 1942**

Powell, A.W.B., 1942, pp. 133, 134, pl. 9, fig. 12.

Holotype: MA71049, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA71843, two specimens, from the type locality.

Current name: *Neoguraleus deceptus* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† ***Neoguraleus finlayi* Powell, 1942**

Powell, A.W.B., 1942, pp. 137, 138, pl. 6, fig. 8.

Holotype: MA71050, collected from Dunedin Harbour [Otago Harbour], New Zealand.

Current name: *Neoguraleus finlayi* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

***Neoguraleus interruptus* Powell, 1942**

Powell, A.W.B., 1942, p. 136, pl. 6, fig. 6.

Holotype: MA72190, collected from Mercury Bay, Coromandel, New Zealand.

Current name: *Neoguraleus interruptus* Powell, 1942 – MolluscaBase (2023).

***Neoguraleus manukauensis* Powell, 1942**

Powell, A.W.B., 1942, p. 137, pl. 6, fig. 4.

Holotype: MA71051, collected by M.E. Fairfield, from Hillsborough foreshore, Manukau Harbour, Auckland, New Zealand.

Current name: *Neoguraleus manukauensis* Powell, 1942 – MolluscaBase (2023).

† ***Neoguraleus nukumaruensis* Powell, 1942**

Powell, A.W.B., 1942, p. 134, pl. 5, fig. 3.

Holotype: MA71052, collected from Nukumarū, Manawatū-Whanganui, New Zealand.

Remarks: No further locality data is available, but the specimen may have been collected from the Early Pleistocene (Nukumaruan) Nukumarū Brown Sand, 7 km SE of Waiinu Beach, near the site of the former 'Nukumarū boat-landing', Manawatū-Whanganui, New Zealand.

Current name: *Neoguraleus nukumaruensis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

***Neoguraleus oruaensis* Powell, 1942**

Powell, A.W.B., 1942, p. 137, pl. 6, fig. 7.

Holotype: MA72191, collected from Orua Bay, Manukau Harbour, Auckland, New Zealand.

Paratype: MA71845, one specimen, from the type locality.

Current name: *Neoguraleus oruaensis* Powell, 1942 – MolluscaBase (2023).

***Neoguraleus sandersonae* Powell, 1942**

Powell, A.W.B., 1942, p. 136, pl. 6, fig. 5.

Holotype: MA72192, collected by F.W. Sanderson, from Whangaroa [Bay], Northland, New Zealand.

Paratypes: MA71844, two specimens, from the type locality.

Current name: *Neoguraleus interruptus* Powell, 1942 – MolluscaBase (2023).

***Neoguraleus whangaroaensis* Powell, 1942**

Powell, A.W.B., 1942, p. 135, pl. 6, fig. 2.

Holotype: MA71053, collected from Taupo Bay, Northland, New Zealand.

Paratypes: MA71990, three specimens, from the type locality.

Current name: *Neoguraleus sinclairi* (Gillies, 1882) – MolluscaBase (2023).

† *Neoguraleus (Fusiguraleus) angustatus* Powell, 1942

Powell, A.W.B., 1942, pp. 143, 144, pl. 8, fig. 11.

Holotype: MA71054, collected from middle Miocene (Waiauian) Nissen Shellbeds 2–6, [Finlay's bed 8A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA71856, 12 specimens, from the type locality.

Current name: *Fusiguraleus angustatus* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Neoguraleus (Fusiguraleus) exsculptus* Powell, 1942

Powell, A.W.B., 1942, p. 143, pl. 8, fig. 10.

Holotype: MA71055, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Fusiguraleus exsculptus* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Neoguraleus (Fusiguraleus) flexicostatus* Powell, 1942

Powell, A.W.B., 1942, p. 141, pl. 7, fig. 5.

Holotype: MA71056, collected probably from the early Miocene (Otaian) Mount Harris Formation, foot of Mount Horrible (Beu and Raine 2009), Pareora River, Canterbury, New Zealand.

Current name: *Fusiguraleus flexicostatus* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Neoguraleus (Fusiguraleus) granulatus* Powell, 1942

Powell, A.W.B., 1942, p. 143, pl. 7, fig. 2.

Holotype: MA71057, collected from early Miocene (Altonian) Calamity Point Sandstone, [Finlay's bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA71854, one specimen, from the type locality.

Current name: *Fusiguraleus granulatus* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Neoguraleus (Fusiguraleus) lawsi* Powell, 1942

Powell, A.W.B., 1942, p. 142, pl. 7, fig. 8.

Holotype: MA71058, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Paratypes: MA71851, four specimens, from the type locality.

Current name: *Fusiguraleus lawsi* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Neoguraleus (Fusiguraleus) major* Powell, 1942

Powell, A.W.B., 1942, p. 141, pl. 7, fig. 3.

Holotype: MA71059, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Paratypes: MA71848, 15 specimens, from the type locality.

Current name: *Fusiguraleus major* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Neoguraleus (Fusiguraleus) mancus* Powell, 1942

Powell, A.W.B., 1942, p. 140, pl. 7, fig. 9.

Holotype: MA71060, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Current name: *Fusiguraleus mancus* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Neoguraleus (Fusiguraleus) marwicki* Powell, 1942

Powell, A.W.B., 1942, p. 142, pl. 7, fig. 7.

Holotype: MA71061, collected from middle Miocene (Lillburnian) Lill Sand, [Finlay's bed 7A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA71853, one specimen, from the type locality.

Current name: *Fusiguraleus marwicki* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Neoguraleus (Fusiguraleus) nutans* Powell, 1942

Powell, A.W.B., 1942, p. 140, pl. 7, fig. 10.

Holotype: MA71062, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Paratypes: MA71846, two specimens, from the type locality.

Current name: *Fusiguraleus nutans* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Neoguraleus (Fusiguraleus) platycostatus* Powell, 1942
Powell, A.W.B., 1942, pp. 140, 141, pl. 8, fig. 9.

Holotype: MA71063, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA71847, 17 specimens, from the type locality.

Current name: *Fusiguraleus platycostatus* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Neoguraleus (Fusiguraleus) porrectus* Powell, 1942
Powell, A.W.B., 1942, p. 142, pl. 7, fig. 11.

Holotype: MA71064, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratype: MA71850, one specimen, from the type locality.

Current name: *Fusiguraleus porrectus* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Neoguraleus (Fusiguraleus) raricostatus* Powell, 1942
Powell, A.W.B., 1942, p. 141, pl. 8, fig. 8.

Holotype: MA71065, collected from the early Miocene (Altonian) of the Mount Harris Formation at Ardgowan near Oamaru, Otago, New Zealand.

Paratype: MA71849, one specimen, from the type locality.

Current name: *Fusiguraleus raricostatus* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Neoguraleus (Fusiguraleus) rigidus* Powell, 1942
Powell, A.W.B., 1942, p. 142, pl. 7, fig. 6.

Holotype: MA71066, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA71852, seven specimens, from the type locality.

Current name: *Fusiguraleus rigidus* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Neoguraleus (Fusiguraleus) subobsoletus* Powell, 1942
Powell, A.W.B., 1942, p. 143, pl. 7, fig. 1.

Holotype: MA71067, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratype: MA71855, 128 specimens, from the type locality.

Current name: *Fusiguraleus subobsoletus* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Neoguraleus (Fusiguraleus) sutherlandicus* Powell, 1942
Powell, A.W.B., 1942, pp. 144, 145, pl. 9, fig. 11.

Holotype: MA71068, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at Sutherlands, Tengawai River, South Canterbury, New Zealand.

Current name: *Fusiguraleus sutherlandicus* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

Scrinium sandersonae Bucknill, 1927

Bucknill, C.E.R., 1927, pp. 311, 312, pl. 35, fig. 1.

Holotype: MA70702, collected by C.R. Sanderson, Matauri Bay, Northland, New Zealand.

Current name: *Neoguraleus sandersonae* (Bucknill, 1927) – MolluscaBase (2023).

† *Vexiguraleus clifdenensis* Powell, 1942

Powell, A.W.B., 1942, p. 145, pl. 5, fig. 2.

Holotype: MA71147, collected from the early Miocene (Altonian) Long Beach Shellbed, [Finlay's bed 6B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Vexiguraleus clifdenensis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

Family MITROMORPHIDAE

Maorimorpha secunda Powell, 1942

Powell, A.W.B., 1942, p. 126, pl. 5, fig. 1.

Holotype: MA71016, collected from 132 m (72 fathoms) depth, off Cape Saunders, Otago, New Zealand.

Paratypes: MA73206, three specimens, from the type locality.

Current name: *Maorimorpha secunda* Powell, 1942 MolluscaBase (2023).

Mitrithara barrierensis Powell, 1942

Powell, A.W.B., 1942, p. 124, pl. 11, fig. 12.

Holotype: MA72187, collected from 37 m (20 fathoms) depth, off Hauturu-o-Toi/Little Barrier Island, Auckland, New Zealand.

Paratype: MA71811, one specimen, from the type locality.

Current name: *Mitromorpha barrierensis* (Powell, 1942) – MolluscaBase (2023).

† *Mitrithara fenestrata* Powell, 1944

Powell, A.W.B., 1944, p. 44, pl. 1, fig. 14.

Holotype: MA71043, collected from the middle Miocene (Balcombian) Gellibrand Formation, Fossil Beach, Balcombe Bay, Victoria, Australia.

Current name: *Mitromorpha fenestrata* Powell, 1944 – Darragh (1970: 169). MolluscaBase (2023).

***Mitrithara granulifera* Powell, 1937**

Powell, A.W.B., 1937b, p. 218, pl. 56, fig. 9.

Holotype: NHM 19621068

Paratypes: MA71943, three specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Mitromorpha granulifera* (Powell, 1937) – Powell (1979: 236); MolluscaBase (2023).

***Mitrithara regis* Powell, 1937**

Powell, A.W.B., 1937b, pp. 218, 219, pl. 56, fig. 10.

Holotype: NHM 19621069

Paratypes: MA71944, four specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Mitromorpha regis* (Powell, 1937) – Powell (1979: 236); MolluscaBase (2023).

† *Mitrithara sutherlandica* Powell, 1942

Powell, A.W.B., 1942, p. 123, pl. 4, fig. 5.

Holotype: MA71044, collected from the early Miocene (Altonian) Southburn Sand at Sutherlands, Tengawai River, South Canterbury, New Zealand.

Current name: *Mitromorpha sutherlandica* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Mitrithara waitakiensis* Powell, 1942

Powell, A.W.B., 1942, p. 123, pl. 11, fig. 13.

Holotype: MA71045, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Current name: *Mitromorpha waitakiensis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

***Mitrolumna salisburyi* Cernohorsky, 1978**

Cernohorsky, W.O., 1978a, pp. 66, 67, figs 10–12.

Holotype: MA71349, collected by R. Salibury on 22 May 1976, from 59 m (32 fathoms) depth, Maile Point, Oahu, Hawaii, United States of America.

Paratype: MA71640, one specimen, from the type locality.

Current name: *Anarithma salisburyi* (Cernohorsky, 1978) – MolluscaBase (2023).

† *Scrinium duplicatum* Powell, 1944

Powell, A.W.B., 1944, p. 45, pl. 1, fig. 8.

Holotype: MA71112, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Paratypes: MA71819, two specimens, from the type locality.

Remarks: See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimens.

Current name: *Scrinium duplicatum* Powell, 1944 – Darragh (1970: 167); MolluscaBase (2023).

† *Scrinium finlayi* Powell, 1942

Powell, A.W.B., 1942, p. 127, pl. 11, fig. 9.

Holotype: MA71113, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratype: MA71842, one specimen, from the type locality.

Current name: *Scrinium finlayi* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 248); MolluscaBase (2023).

† *Scrinium haroldi* Powell, 1944

Powell, A.W.B., 1944, p. 45, pl. 1, fig. 10.

Holotype: MA71114, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Paratypes: MA71979, three specimens; MA71748, three specimens; all from the type locality.

Remarks: See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimens.

Current name: *Scrinium haroldi* Powell, 1944 – Darragh (1970: 173); MolluscaBase (2023).

† *Scrinium nanum* Powell, 1944

Powell, A.W.B., 1944, p. 45, pl. 1, fig. 9.

Holotype: MA71115, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Paratypes: MA71749, nine specimens, from the type locality.

Remarks: See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimens.

Current name: *Scrinium nanum* Powell, 1944 – Darragh (1970: 183); MolluscaBase (2023).

Family PSEUDOMELATOMIDAE***Anticomitas vivens* Powell, 1942**

Powell, A.W.B., 1942, p. 61, pl. 10, fig. 11.

Holotype: MA72180, collected from 256 m (140 fathoms) depth, off Manawatāwhi/Three Kings Islands, Northland, New Zealand.

Paratypes: MA71777, two specimens, from the type locality.

Current name: *Anticomitas vivens* Powell, 1942 – MolluscaBase (2023).

***Antimelatoma ahiparana* Powell, 1942**

Powell, A.W.B., 1942, p. 98, pl. 2, fig. 11.

Holotype: MA72181, dredged by D. Crawford of the ST *Serfib* in July 1925, from 42 m (23 fathoms) depth, Ahipara Bay, Northland, New Zealand.

Paratypes: MA71791, 13 specimens, from the type locality.

Current name: *Antimelatoma buehanani* (F.W. Hutton, 1873) – Beu (2011: 87); MolluscaBase (2023).

***Antimelatoma benthicola* Powell, 1942**

Powell, A.W.B., 1942, p. 98, pl. 2, fig. 10.

Holotype: MA70910, collected from 91–110 m (50–60 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratypes: MA71788, 17 specimens, from the type locality.

Current name: *Antimelatoma buehneri* (F.W. Hutton, 1873) – Beu (2011: 87); MolluscaBase (2023).

† *Comitas allani* Powell, 1942

Powell, A.W.B., 1942, p. 59, pl. 10, fig. 6.

Holotype: MA70950, collected by R.S. Allan, from the Early Pleistocene (Nukumaruan), Devils Elbow Mudstone, Petane Formation, Napier–Wairoa Road, Hawkes Bay, New Zealand.

Current name: *Comitas allani* Powell, 1942 – Beu and Maxwell (1990: 327); MolluscaBase (2023).

† *Comitas declivis* Powell, 1931

Powell, A.W.B., 1931a, p. 107, pl. 14, fig. 41.

Holotype: MA70195, collected by A.W.B. Powell in January 1931, from the late Pliocene (Waipipian) Tangahoe Formation, near the mouth of Waihi Stream, Hawera, New Zealand.

Current name: *Comitas declivis* Powell, 1931 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Comitas onokeana* L.C. King, 1933

King, L.C., 1933, p. 348, pl. 37, fig. 16.

Holotype: GNS TM 9272

Paratype: MA72879, one specimen; MA73677, one specimen; both collected from the type locality, Early Pleistocene (early Nukumaruan) of the Onoke Formation, cliffs east of Lake Ferry, Palliser Bay, Wellington, New Zealand.

Current name: *Comitas onokeana onokeana* L.C. King, 1933 – Beu (2011: 40); MolluscaBase (2023).

***Comitas onokeana vivens* Dell, 1956**

Dell, R.K., 1956a, pp. 131, 132, pl. 17, fig. 171.

Holotype: NMNZ M.009791

Paratype: MA72762, one specimen, collected by the crew of the MV *Alert* on 24 January 1954, from 403 m (220 fathoms) depth, Chatham Rise, New Zealand.

Current name: *Comitas onokeana vivens* Dell, 1956 – MolluscaBase (2023).

† *Comitas pseudoclarae* Powell, 1944

Powell, A.W.B., 1944, p. 18, pl. 1, fig. 6.

Holotype: MA70951, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Paratypes: MA71722, 16 specimens; MA71825, 12 specimens; all from the type locality.

Remarks: See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimens.

Current name: *Comitas pseudoclarae* Powell, 1944 – Darragh (1970: 190); MolluscaBase (2023).

† *Comitas torquayensis* Powell, 1944

Powell, A.W.B., 1944, p. 17, pl. 3, fig. 9.

Holotype: MA70952, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Paratypes: MA71721, one specimen; MA71824, two specimens; all from the type locality.

Remarks: See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimens.

Current name: *Comitas torquayensis* Powell, 1944 – Darragh (1970: 202); MolluscaBase (2023).

† *Comitas (Carinacomitas) aldingensis* Powell, 1944

Powell, A.W.B., 1944, pp. 18, 19, pl. 1, fig. 7.

Holotype: MA70953, collected from the late Oligocene (Janjukian) Blanche Point Formation, Aldinga, South Australia, Australia.

Paratypes: MA71723, one specimen; MA71978, one specimen; both from the type locality.

Current name: *Comitas aldingensis* Powell, 1944 – Darragh (2017: 94); MolluscaBase (2023).

† *Comitas (Carinacomitas) subcarinapex* Powell, 1942

Powell, A.W.B., 1942, pp. 60, 61, pl. 10, fig. 5.

Holotype: MA70954, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA71797, one specimen, from the type locality.

Current name: *Comitas subcarinapex* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Inquisitor waihaoensis* Powell, 1942

Powell, A.W.B., 1942, p. 95, pl. 3, fig. 2.

Holotype: MA71002, collected from middle Eocene (Kaiatan) Waihao Greensand, McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Current name: *Comitas waihaoensis* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

***Leucosyrinx macrobertsoni* Powell, 1958**

Powell, A.W.B., 1958c, p. 202, pl. 3, fig. 5.

Holotype: SAM D15510

Paratype: MA71957, one specimen, collected during 1929–1931 British Australian New Zealand Antarctic Research Expedition. from the type locality, 177 m depth, station 107, off Mac.Robertson Land, Australian Antarctic Territory, Antarctica.

Current name: *Leucosyrinx macrobertsoni* Powell, 1958 – MolluscaBase (2023).

† *Pseudoinquisitor delicatulus* Powell, 1944

Powell, A.W.B., 1944, p. 29, pl. 3, fig. 4.

Holotype: MA71098, collected from early Pliocene (Kalimnan), Gippsland Lakes, Victoria, Australia.

Current name: *Inquisitor delicatulus* Powell, 1944 – Darragh (1970: 165); MolluscaBase (2023).

† *Pseudoinquisitor gippslandensis* Powell, 1944

Powell, A.W.B., 1944, p. 28, pl. 3, fig. 5.

Holotype: MA71099, collected from early Pliocene (Kalimnan), Gippsland Lakes, Victoria, Australia.

Paratype: MA71727, one specimen, from the type locality.

Current name: *Inquisitor gippslandensis* (Powell, 1944) – Darragh (1970: 171); MolluscaBase (2023).

† *Pseudoinquisitor problematicus* Powell, 1942

Powell, A.W.B., 1942, pp. 96, 97, pl. 3, fig. 3.

Holotype: MA71100, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA71787, seven specimens; MA73388, 15 specimens; all from the type locality.

Current name: *Inquisitor awamoensis* (F.W. Hutton, 1873) – Beu and Raine (2009); MolluscaBase (2023).

† *Pseudoinquisitor scabriculus* Powell, 1944

Powell, A.W.B., 1944, p. 29, pl. 3, fig. 2.

Holotype: MA71101, collected from early Pliocene (Kalimnan), Gippsland Lakes, Victoria, Australia.

Paratype: MA71728, one specimen, from the type locality.

Current name: *Inquisitor scabriculus* (Powell, 1944) – Darragh, (1970: 193); MolluscaBase (2023).

† *Pseudoinquisitor trinervis* Powell, 1944

Powell, A.W.B., 1944, p. 28, pl. 3, fig. 3.

Holotype: MA71102, collected from early Pliocene (Kalimnan), Jemmys Point Formation, Jemmys Point, Gippsland Lakes, Victoria, Australia.

Current name: *Inquisitor trinervis* (Powell, 1944) – Darragh (1970: 202); MolluscaBase (2023).

Strictispira stillmani Shasky, 1971

Shasky, D.R., 1971, pp. 68, 69, fig. 3.

Holotype: LACM 1567

Paratypes: MA73118, two specimens, collected by J. McLean and D. Shasky on 8–11 March 1970, from the type locality, at low tide, Venado Island [Isla Venao], Panama City, Panama.

Current name: *Strictispira stillmani* Shasky, 1971 – MolluscaBase (2023).

Zonulispira chrysochilodosa Shasky, 1971

Shasky, D.R., 1971, p. 69, fig. 4.

Holotype: LACM 1569

Paratype: MA72778, one specimen, collected by J. McLean and D. Shasky on 8–11 March 1970, from

the type locality, at low tide, Venado Island [Isla Venao] and adjacent VeraCruz Beach, Panama City, Panama.

Current name: *Zonulispira chrysochilodosa* Shasky, 1971 – MolluscaBase (2023).

Family RAPHITOMIDAE

† *Asperdaphne balcombensis* Powell, 1944

Powell, A.W.B., 1944, p. 59, pl. 6, fig. 7.

Holotype: MA70918, collected from the middle Miocene (Balcombian) Gellibrand Formation, Fossil Beach, Balcombe Bay, Victoria, Australia.

Current name: *Pleurotomella balcombensis* (Powell, 1944) – Beu (2011: 111); MolluscaBase (2023).

† *Asperdaphne contigua* Powell, 1944

Powell, A.W.B., 1944, p. 60, pl. 6, fig. 8.

Holotype: MA70919, collected from the middle Miocene (Balcombian) Gellibrand Formation, Altona Bay brown coal shafts, Altona Bay, Victoria, Australia.

Current name: *Pleurotomella contigua* (Powell, 1944) – Beu (2011: 111); MolluscaBase (2023).

† *Asperdaphne (Aspertilla) exsculpta* Powell, 1944

Powell, A.W.B., 1944, p. 60, pl. 6, fig. 9.

Holotype: MA70920, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Paratypes: MA73665, three specimens, from the type locality.

Remarks: See *Notocallista (Striacallista) mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Asperdaphne exsculpta* Powell, 1944 – Darragh (1970: 169); MolluscaBase (2023).

Awheaturreis echinata Beu, 1970

Beu, A.G., 1970, p. 234, pl. 4, figs a, b.

Holotype: VU VM525

Paratype: MA72796, collected by A.G. Beu in 1967, from late Miocene (Tongaporutuan) sediments, junction of Manga a whanaka and Mangoariki Streams, Wellington, New Zealand.

Current name: *Awheaturreis echinata* Beu, 1970 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

† *Cryptodaphne pseudodrillia* Powell, 1942

Powell, A.W.B., 1942, p. 165, pl. 4, fig. 3.

Holotype: MA70960, collected from the early Miocene (Otaian) Pakaurangi Formation, Pakaurangi Point, Kaipara, Northland, New Zealand.

Current name: *Cryptodaphne pseudodrillia* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Daphnella chapplei* Powell, 1944

Powell, A.W.B., 1944, p. 59, pl. 6, fig. 6.

Holotype: MA70961, collected from the middle Miocene (Balcombian) Muddy Creek Formation, Clifton Bank, Hamilton, Southern Grampians Shire, Victoria, Australia.

Remarks: For the locality and age see Fitzgerald (2004: 187).

Current name: *Pleurotomella chapplei* (Powell, 1944) – Beu (2011: 111); MolluscaBase (2023).

† *Eubela awakinoensis* Powell, 1942

Powell, A.W.B., 1942, pp. 165, 166, pl. 10, fig. 2.

Holotype: MA70982, assumed to have been collected by C.R. Laws, from the early Miocene (Otaian) Mahoenui Formation, about 1.6 km (1 mile) east of Awakino Gorge road tunnel, Waikato, New Zealand.

Current name: *Eubela awakinoensis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

Fenestrosyrinx benthicola Dell, 1956

Dell, R.K., 1956a, pp. 141, 142, pl. 19, fig. 197.

Holotype: NMNZ M.009259

Paratype: MA72748, one specimen, collected by E.J. Batham on 28 March 1954, from the MV *Alert*, station 54-17, from 475–640 m (260–350 fathoms) depth, Karitane Canyon, off Otago Peninsula, New Zealand.

Current name: *Taranis benthicola* (Dell, 1956) – MolluscaBase (2023).

Leucosyrinx thomsoni Mestayer, 1919

Mestayer, M.K., 1919, p. 133, pl. 8, fig. 5.

Holotype: NMNZ M.001067

Paratypes: MA72913, one specimen; MA73559, one specimen; both collected by J. Bollons in 1914, from the type locality, 46–48 m (25–26 fathoms) depth, off the Hen and Chickens Islands, Northland, New Zealand.

Current name: *Taranis nexilis bicarinata* (Suter, 1915) – MolluscaBase (2023).

† *Maoridaphne haroldi* Powell, 1942

Powell, A.W.B., 1942, p. 163, pl. 4, fig. 7.

Holotype: MA71015, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA71870, five specimens, from the type locality.

Current name: *Maoridaphne haroldi* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† *Marshallena carinaria* Powell, 1935

Powell, A.W.B., 1935d, pp. 336, 337, pl. 78, figs 26, 27.

Holotype: MA72089, collected from the early Miocene (Altonian) Nihotupu Formation, between Powell and Bartrum Bays, approximately 2 km south of Muriwai

Beach, west Auckland, New Zealand.

Paratypes: MA71383, two specimens, from the type locality.

Current name: *Gymnobela carinaria* (Powell, 1935) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

Nepotilla finlayi Powell, 1937

Powell, A.W.B., 1937b, pp. 217, 218, pl. 56, fig. 8.

Holotype: NHM 19621066

Paratype: MA71941, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Nepotilla finlayi* Powell, 1937 – MolluscaBase (2023).

Nepotilla nitidula Powell, 1940

Powell, A.W.B., 1940, p. 246, pl. 32, fig. 9.

Holotype: MA70521, collected from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Current name: *Nepotilla nitidula* Powell, 1940 – MolluscaBase (2023).

Nepotilla vera Powell, 1940

Powell, A.W.B., 1940, p. 246, pl. 32, fig. 10.

Holotype: MA70522, collected from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Current name: *Nepotilla vera* Powell, 1940 – MolluscaBase (2023).

† *Puha sinusigera* Powell, 1942

Powell, A.W.B., 1942, p. 164, pl. 4, fig. 8.

Holotype: MA71103, collected from the early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Current name: *Mioawateria sinusigera* (Powell, 1942) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

Stilla anomala Powell, 1955

Powell, A.W.B., 1955, p. 113, pl. 1, fig. 8.

Holotype: MA72207, collected [by J. Bollons], from 174 m (95 fathoms) depth, 22.5 km (14 miles) north of Auckland Islands, New Zealand.

Paratype: MA71615, one specimen, from the type locality.

Current name: *Stilla anomala* Powell, 1955 – MolluscaBase (2023).

Stilla delicatula Powell, 1927

Powell, A.W.B., 1927a, p. 119, pl. 21, fig. 11.

Holotype: CM M5365

Paratypes: MA72346, one specimen, dredged by a private scientific party in December 1908, from the type

locality, off the steamer *Rakiura* in 311 m (170 fathoms) depth, off Puysegur Point, Southland, New Zealand.

Current name: *Stilla delicatula* Powell, 1927 – MolluscaBase (2023).

***Stilla paucicostata* Powell, 1937**

Powell, A.W.B., 1937b, p. 218, pl. 56, fig. 11.

Holotype: NHM 19621067

Paratype: MA71942, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Stilla paucicostata* Powell, 1937 – MolluscaBase (2023).

† ***Teleochilus balcombensis* Powell, 1944**

Powell, A.W.B., 1944, pp. 65, 66, pl. 6, fig. 1.

Holotype: MA71134, collected from the middle Miocene (Balcombian) Gellibrand Formation, Fossil Beach, Balcombe Bay, Victoria, Australia.

Paratypes: MA71766, three specimens; MA71817, three specimens; all from the type locality.

Current name: *Teleochilus balcombensis* Powell, 1944 – Darragh (1970: 157); MolluscaBase (2023).

† ***Teleochilus comptus* Powell, 1944**

Powell, A.W.B., 1944, p. 66, pl. 6, fig. 3.

Holotype: MA71135, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Paratypes: MA71767, 13 specimens; MA71816, eight specimens; all from the type locality.

Remarks: See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimens.

Current name: *Teleochilus comptus* Powell, 1944 – Darragh (1970: 162); MolluscaBase (2023).

† ***Teleochilus denseliratus* Powell, 1944**

Powell, A.W.B., 1944, pp. 64, 65, pl. 3, fig. 10.

Holotype: MA71136, collected from the middle Miocene (Balcombian) Muddy Creek Formation, Clifton Bank, Hamilton, Southern Grampians Shire, Victoria, Australia.

Paratypes: MA71765, two specimens, from the type locality.

Remarks: For the locality and age see Fitzgerald (2004: 187).

Current name: *Teleochilus denseliratus* Powell, 1944 – Darragh (1970: 166); MolluscaBase (2023).

† ***Teleochilus duplicatus* Powell, 1944**

Powell, A.W.B., 1944, p. 65, pl. 6, fig. 2.

Holotype: MA71137, collected from the middle Miocene Gellibrand Formation, ‘Grice’s Creek’ [Gunyoung Creek], Victoria, Australia.

Paratype: MA71815, one specimen, from the type locality.

Current name: *Teleochilus duplicatus* Powell, 1944 – Darragh (1970: 167); MolluscaBase (2023).

† **?*Vepracula adelaidensis* Powell, 1944**

Powell, A.W.B., 1944, p. 61, pl. 6, fig. 11.

Holotype: MA71143, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Paratypes: MA71763, two specimens; MA71812, two specimens; all from the type locality.

Remarks: See *Notocallista (Striacallista) mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Vepracula adelaidensis* Powell, 1944 – Darragh (1970: 153); MolluscaBase (2023).

Family TEREBRIDAE

† ***Kaweka bartrumi* Laws, 1936**

Laws, C.R., 1936b, pp. 122, 123, pl. 17, figs 79, 81.

Holotype: MA70373, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Kaweka bartrumi* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† ***Pervicacia timida* Marwick, 1931**

Marwick, J., 1931, pp. 150, 151, fig. 317.

Holotype: GNS TM 9443

Paratypes: MA72929, four specimens, collected from the type locality, Miocene (Clifdenian) Ihungia Formation, ‘Muddy Creek’, tributary of Waipaoa River, Gisborne Region, New Zealand.

Current name: *Duplicaria timida* (Marwick, 1931) – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

***Pervicacia mariae* Powell, 1940**

Powell, A.W.B., 1940, pp. 246, 247, pl. 33, fig. 15.

Holotype: MA70617, collected from Motuopao Island, Northland, New Zealand.

Current name: *Duplicaria tristis* (Deshayes, 1859) – MolluscaBase (2023).

***Terebra parkinsoni* Cernohorsky & Bratcher, 1976**

Cernohorsky, W.O. and T. Bratcher, 1976, pp. 137, 139, figs 17–21.

Holotype: Location unknown.

Paratype: MA71347, collected [by B. Parkinson], from 24 m depth, Nordup, NE of Rabaul, East New Britain Province, Papua New Guinea.

Remarks: The authors stated that the holotype specimen was lodged with AM as TM1347. However,

the sole specimen in lot TM1347 (= MA71347) is the paratype shown in fig. 19, although the accompanying labels claimed it to be the holotype. Paratypes were lodged with six separate collections, some private, some institutional (Cernohorsky & Bratcher 1976: 137). It must be assumed that the specimen which was chosen by the authors as the holotype specimen was mistakenly lodged in one of these.

Current name: *Myurellopsis parkinsoni* (Cernohorsky & Bratcher, 1976) – MolluscaBase (2023).

***Terebra (Decorihastula) kilburni* R.D. Burch, 1965**

Burch, R.D., 1965, pp. 249, 250, pl. 31, fig. 8.

Holotype: MCZ 251247

Paratype: MA73470, dredged by A. Jennings in July 1962, from the type locality, from 0.6–0.9 m (2–3 feet) depth, off Wading [Wadigi] Island, Fiji.

Current name: *Myurellopsis kilburni* (R.D. Burch, 1965) – MolluscaBase (2023).

† ***Zeacuminia cantuariensis* Laws, 1933**

Laws, C.R., 1933, p. 327, pl. 32, figs 26, 28.

Holotype: MA70860, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at Sutherlands, Tengawai River, South Canterbury, New Zealand.

Paratype: MA72804, two specimens; MA73562, one specimen; all from the type locality, but the collector of lot MA73562 is unknown.

Current name: *Zeacuminia cantuariensis* Laws, 1933 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† ***Zeacuminia murdochi* Powell, 1931**

Powell, A.W.B., 1931a, pp. 107, 108, pl. 14, fig. 42.

Holotype: MA70861, collected by A.W.B. Powell in January 1931, from the late Pliocene (Waipipian) Tangahoe Formation, near the mouth of Waihi Stream, Hawera, New Zealand.

Paratype: MA71644, one specimen, from the type locality.

Current name: *Zeacuminia murdochi* Powell, 1931 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

† ***Zeacuminia parva* Laws, 1936**

Laws, C.R., 1936b, p. 122, figs 80, 85.

Holotype: MA70862, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratypes: MA72853, six specimens, from the type locality.

Remarks: The holotype specimen is fragmented, but diagnostic.

Current name: *Zeacuminia parva* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 249); MolluscaBase (2023).

Family TURRIDAE

† ***Cryptoborsonia pleurotomella* Powell, 1944**

Powell, A.W.B., 1944, p. 43, pl. 1, fig. 12.

Holotype: MA70958, collected from the middle Miocene (Balcombian) Gellibrand Formation, Fossil Beach, Balcombe Bay, Victoria, Australia.

Paratypes: MA71747, three specimens; MA71980, three specimens; all from the type locality.

Current name: *Cryptoborsonia pleurotomella* Powell, 1944 – Darragh (1970: 187); MolluscaBase (2023).

† ***Cryptoborsonia rugobela* Powell, 1944**

Powell, A.W.B., 1944, p. 43, pl. 1, fig. 13.

Holotype: MA70959, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Remarks: See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimen.

Current name: *Cryptoborsonia rugobela* Powell, 1944 – Darragh (1970: 192); MolluscaBase (2023).

† ***Fenestrodaphne pulchra* Powell, 1944**

Powell, A.W.B., 1944, p. 61, pl. 6, fig. 10.

Holotype: MA70986, collected by W. Howchin and J.C. Verco in 1919, from the type locality, the middle Miocene (Bairnsdalian) lower Dry Creek Sand, at 122–152 m (400–500 ft) depth, Metropolitan Abattoirs Bore, Adelaide, South Australia, Australia.

Remarks: See *Notocallista (Striacallista) mollesta* Marwick, 1938 (MA73210) for further notes on the age of Metropolitan Abattoirs Bore fossils.

Current name: *Fenestrodaphne pulchra* Powell, 1944 – Beu (2011: 113); MolluscaBase (2023).

† ***Gemmula clifdenensis* Powell, 1942**

Powell, A.W.B., 1942, pp. 49, 50, pl. 13, fig. 14.

Holotype: MA70990, collected from middle Miocene (Clifdenian) Slip Point Siltstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Gemmula clifdenensis* Powell, 1942 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

***Gemmula congener unilineata* Powell, 1967**

Powell, A.W.B., 1967c, p. 437, pl. 313.

Holotype: BPBM B.M. 8929

Paratype: MA71892, one specimen, collected by P. Burgess in 1953, from 183–347 m (100–190 fathoms) depth, off Waikiki, Oahu, Hawaii, United States of America.

Current name: *Cryptogemma unilineata* (Powell, 1967) – MolluscaBase (2023).

† *Gemmula disjuncta* Laws, 1936

Laws, C.R., 1936b, p. 120, pl. 17, fig. 82.

Holotype: MA70338, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Paratypes: MA72701, six specimens, from the type locality.

Current name: *Gemmula disjuncta* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

Gemmula interpolata Powell, 1967

Powell, A.W.B., 1967c, p. 435, pl. 311, figs 1–3.

Holotype: USNM 190417

Paratypes: MA73676, two specimens, collected by C. Weaver, from 18 m (10 fathoms) depth, off Waikiki, Oahu, Hawaii, United States of America.

Current name: *Gemmula interpolata* Powell, 1967 – MolluscaBase (2023).

Gemmula murrayi Powell, 1964

Powell, A.W.B., 1964b, p. 248, pl. 186, fig. 4; pl. 187.

Holotype: NHM 1986227

Paratypes: MA71873, three specimens, collected by the John Murray Expedition in 1933–1934, from the type locality, station 72, from 73 m depth, off Sharm [Sharm], Gulf of Oman, United Arab Emirates.

Current name: *Gemmula murrayi* Powell, 1964 – MolluscaBase (2023).

Gemmula pseudomonilifera Powell, 1967

Powell, A.W.B., 1967c, p. 436, pl. 312.

Holotype: MA71048, collected by P. Burgess in 1960, from 37–55 m (20–30 fathoms) depth, Ke‘ehi Lagoon, Oahu, Hawaii, United States of America.

Paratype: MA71891, one specimen, from the type locality.

Current name: *Gemmula pseudomonilifera* Powell, 1967 – MolluscaBase (2023).

Gemmula sibukoensis Powell, 1964

Powell, A.W.B., 1964b, p. 258, pl. 196, figs 8, 9; pl. 197.

Holotype: USNM 239111

Paratype: MA71872, one specimen, collected from the US Bureau of Fisheries RV *Albatross* on 28 September 1909, from the type locality, station 5590, from 567 m (310 fathoms) depth, SE of Mabul Island, Sabah, Malaysia.

Current name: *Gemmula sibukoensis* Powell, 1964 – MolluscaBase (2023).

Gemmula tessellata Powell, 1967

Powell, A.W.B., 1967c, pp. 439, 440, pl. 315.

Holotype: MA71042, collected by P. Burgess, from 183–219 m (100–120 fathoms) depth, off Waikiki, Oahu, Hawaii, United States of America.

Current name: *Cryptogemma tessellata* (Powell, 1967) – Zaharias *et al.* (2020: 547); MolluscaBase (2023).

Lucerapex adenica Powell, 1964

Powell, A.W.B., 1964b, pp. 286, 287, pl. 221, fig. 3.

Holotype: NHM 1986228

Paratypes: MA73207, three specimens, collected by the John Murray Expedition in 1933–1934, from the type locality, station 34, from 1022 m depth, Gulf of Aden, Yemen.

Current name: *Lucerapex adenica* Powell, 1964 – MolluscaBase (2023).

Micantapex angustatus Powell, 1940

Powell, A.W.B., 1940, p. 245, pl. 31, fig. 7.

Holotype: MA70470, collected by the MV *Will Watch* Expedition in February 1934, from 48 m (26 fathoms) depth, off Waikuku Beach, Northland, New Zealand.

Current name: *Kuroshoturris angustata* (Powell, 1940) – MolluscaBase (2023).

† *Optoturris editus* Powell, 1944

Powell, A.W.B., 1944, pp. 12, 13, pl. 7, fig. 3.

Holotype: MA71073, collected from the middle Miocene Gellibrand Formation, ‘Grice’s Creek’ [Gunyoung Creek], Victoria, Australia.

Current name: *Optoturris edita* Powell, 1944 – Powell (1964b: 295); MolluscaBase (2023).

Pinguigemmula philippinensis Powell, 1964

Powell, A.W.B., 1964b, pp. 278, 279, pl. 215, figs 5, 6; pl. 216.

Holotype: USNM 237563

Paratype: MA73208, one specimen, collected by US Bureau of Fisheries RV *Albatross* on 18 July 1908, from the type locality, station 5283, from 512 m (280 fathoms) depth, off Santiago, west Luzon Island, Philippines.

Remarks: Powell (1964b: 277, figs 5, 6) illustrated the paratype specimen, MA73208, and labelled it as holotype in error. This specimen is smaller (height 42.4 mm × width 172.2 mm) than the holotype measurements given by Powell.

Current name: *Cryptogemma aethiopica* (Thiele, 1925) – Zaharias *et al.* (2020: 547).

† *Syngenchilus radiapex* Powell, 1944

Powell, A.W.B., 1944, p. 66, pl. 6, fig. 4.

Holotype: MA71123, collected from the late Oligocene Jan Juc Formation or early Miocene Puebla Formation, Torquay, Victoria, Australia.

Paratypes: MA71768, four specimens, from the type locality.

Remarks: See *Borsonia torquayensis* Powell, 1944 (MA70943) for further notes on the age of the specimens.

Current name: *Syngenchilus radiapex* Powell, 1944 – Darragh (1970: 191); MolluscaBase (2023).

Turridrupa diffusa Powell, 1967

Powell, A.W.B., 1967c, p. 422, pl. 305, fig. 5, pl. 306.

Holotype: MA71149, collected from Samoa.

Remarks: Powell (1967c) published no other data except that the shell was ‘ex. A.J. Garrett’.

Current name: *Turridrupa diffusa* Powell, 1967 – MolluscaBase (2023).

***Xenuroturris legitima* Iredale, 1929**

Iredale, T., 1929, p. 285, pl. 31, figs 3, 4.

Syntypes: MA73221, two specimens, collected by T. Iredale, from the type locality, Michaelmas Cay, Queensland, Australia.

Remarks: Two type specimens of *Xenuroturris legitima*, labelled as holotype (C.57823) and paratype (C.110457), are housed in the Australian Museum. However, as Iredale (1929) did not fix a holotype, all type specimens should be considered syntypes (Kantor *et al.* 2008: 1161, 1162).

Current name: *Xenuroturris legitima* Iredale, 1929 – MolluscaBase (2023).

Subclass HETEROBRANCHIA

Infraclass ‘Lower Heterobranchia’

Superfamily ARCHITECTONICOIDEA

Family ARCHITECTONICIDAE

***Gyriscus asteleformis* Powell, 1965**

Powell, A.W.B., 1965, pp. 161, 162, pl. 22, fig. 11.

Holotype: MA71241, collected from the cavity of a cup sponge, from 91 m (50 fathoms) depth, between Cape Maria van Diemen and Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Heliacus asteleformis* (Powell, 1965) – MolluscaBase (2023).

† *Heliacus maorianus* Powell, 1934

Powell, A.W.B., 1934a, p. 268, pl. 58, figs 5–7.

Holotype: MA70353, collected by A.W.B. Powell in August 1933, from the Late Pleistocene (Haweran) Te Piki Member, Waipaoa Formation, from a road-cutting approximately 6 km east of Whangaparaoa (Cape Runaway), Bay of Plenty, New Zealand.

Current name: *Heliacus implexus* (Mighels, 1845) – MolluscaBase (2023).

Superfamily MATHILDOIDEA

Family MATHILDIDAE

† *Eomathilda paxilla* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, pp. 40, 41, pl. 5, figs 1, 2.

Holotype: MA73342, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Paratypes: MA73670, two specimens, from the type locality.

Remarks: Lot MA73342 contained three specimens. Finlay and Marwick (1937: pl. 5) labelled the larger specimen as the holotype in fig. 1, but also labelled one of

the smaller specimens as the holotype in fig. 2. However, the holotype measurements given by the authors (Finlay & Marwick 1937: 41) are consistent with the larger specimen, indicating that the holotype caption for fig. 2 is in error. The smaller specimens in lot MA73342 were clearly part of the type series and are here treated as paratypes, which are now registered as lot MA73670.

Current name: *Eomathilda paxilla* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

***Gegania valkyrie* Powell, 1971**

Powell, A.W.B., 1971, p. 210, fig. 1.

Holotype: MA71328, collected on the MV *Valkyrie* in 1969, during a prawn survey, in 329 m depth, ESE of the Poor Knights Islands, New Zealand.

Current name: *Tuba valkyrie* (Powell, 1971) – MolluscaBase (2023).

† *Mathilda prima* Laws, 1935

Laws, C.R., 1935b, pp. 25, 26, pl. 4, fig. 6.

Holotype: MA70447, collected from the middle Eocene (Bortonian) Hampden Formation, near Kakaho Creek, Hampden Beach, Otago, New Zealand.

Current name: *Mathilda prima* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

***Opimilda maoria* Powell, 1940**

Powell, A.W.B., 1940, pp. 230, 231, pl. 29, fig. 7.

Holotype: MA72108, dredged from 256 m (140 fathoms) depth, off Manawatāwhi/Three Kings, Northland, New Zealand.

Paratype: MA72311, one specimen, from the type locality.

Current name: *Mathilda maoria* (Powell, 1940) – MolluscaBase (2023).

***Turritellopsis thielei* Powell, 1951**

Powell, A.W.B., 1951c, pp. 112, 113, pl. 7, fig. 26.

Holotype: NHM 1961369

Paratype: MA71931, one specimen, collected on 12 March 1927, from the type locality, station 181, Discovery Committees cruise, in 160–335 m depth, Schollaert Channel, Palmer Archipelago, Antarctic Treaty System.

Current name: *Turritellopsis thielei* Powell, 1951 – MolluscaBase (2023).

Superfamily OMALOGYROIDEA

Family OMALOGYRIDAE

***Zerotula ammonitoides* Powell, 1940**

Powell, A.W.B., 1940, pp. 236, 237, pl. 29, figs 1, 2.

Holotype: MA70893, dredged by W. La Roche, from 11–18 m (6–10 fathoms) depth, ‘Mangonui Heads’, Doubtless Bay, New Zealand.

Paratypes: MA71573, three specimens, from the type locality.

Remarks: The holotype specimen has been affected by glass disease.

Current name: *Omalogyra ammonitoides* (Powell, 1940) – MolluscaBase (2023).

Superfamily ORBITESTELLOIDEA

Family ORBITESTELLIDAE

Orbitestella hinemoa Mestayer, 1919

Mestayer, M.K., 1919, pp. 131, 132, pl. 8, figs 7–9.

Holotype: NMNZ M.001065.

Paratypes: MA72915, four specimens, collected by J. Bollons, from the type locality, from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Current name: *Orbitestella hinemoa* Mestayer, 1919 – MolluscaBase (2023).

Orbitestella toreuma Powell, 1930

Powell, A.W.B., 1930b, p. 542, pl. 88, figs 16, 17.

Holotype: MA70576, collected by W. La Roche in 1922, from 11–18 m (6–10 fathoms) depth, off Mangonui, Doubtless Bay, New Zealand.

Current name: *Orbitestella toreuma* Powell, 1930 – MolluscaBase (2023).

Orbitestella vera Powell, 1940

Powell, A.W.B., 1940, p. 223, pl. 28, figs 4, 5.

Holotype: MA70577, collected by A.W.B. Powell in 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Paratype: MA72800, one specimen, from the type locality.

Current name: *Orbitestella parva* (Finlay, 1924) – MolluscaBase (2023).

Zalipais parva Finlay, 1924

Finlay, H.J., 1924d, pp. 518–520, text fig. 2.

Holotype: MA70856, collected from seaweed washings, Taieri Beach, ‘a few miles south of Taieri River’, Otago, New Zealand.

Remarks: The holotype specimen has been affected by glass disease.

Current name: *Orbitestella parva* (Finlay, 1924) – MolluscaBase (2023).

Superfamily CIMOIDEA

Family uncertain

Larochella alta Powell, 1927

Powell, A.W.B., 1927b, p. 540, pl. 26, fig. 6.

Holotype: MA72075, dredged by W. La Roche, from 11–18 m (6–10 fathoms) depth, off the entrance to ‘Mangonui Heads’ [Mangonui Harbour], Doubtless Bay, Northland, New Zealand.

Paratypes: MA71520, three specimens, from the type locality.

Current name: *Larochella alta* Powell, 1927 – MolluscaBase (2023).

Larochella toreuma Powell, 1927

Powell, A.W.B., 1927b, p. 540, pl. 26, fig. 4.

Holotype: MA72076, collected by A.W.B. Powell in May 1925, from seaweed washings, Houghton Bay, Wellington, New Zealand.

Paratypes: MA71519, two specimens, from the type locality.

Current name: *Larochella toreuma* Powell, 1927 – MolluscaBase (2023).

Family CIMIDAE

† *Rissopsis castlecliffensis* Finlay, 1930

Finlay, H.J., 1930b, p. 58, not figured.

Holotype: MA70680, **Plate 10c**, collected from the Early–Middle Pleistocene (Castlecliffian) at Castlecliff, Manawatū-Whanganui, New Zealand.

Paratypes: MA72451, five specimens, from the type locality.

Current name: *Austrorissopsis castlecliffensis* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2023).

† *Rissopsis fricta* Finlay, 1930

Finlay, H.J., 1930b, p. 58, not figured.

Syntypes: MA70681, five specimens, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Remarks: Finlay (1930b: 58) gave the shell height as 1.8 mm and diameter as 0.7 mm, but did not apply this to any specimen in particular. None of the five specimens conforms exactly to these measurements, and as Finlay also did not figure the type, it is not possible to determine the original holotype.

Current name: *Austrorissopsis fricta* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2023).

Turbonilla (Pyrgolampros) blanda Finlay, 1924

Finlay, H.J., 1924d, p. 522, text fig. 4.

Holotype: MA70791, collected from seaweed washings, Taieri Beach, ‘a few miles south of Taieri River’, Otago, New Zealand.

Current name: *Graphis blanda* (Finlay, 1924) – MolluscaBase (2023).

Infraclass MESONEURA

Superfamily TJAERNOEIOIDEA

Family PARVAPLUSTRIDAE

Parvaplustrum tenerum Powell, 1951

Powell, A.W.B., 1951c, pp. 180, 181, pl. 7, fig. 25, fig. M (96).

Holotype: NHM 1961626

Paratypes: MA71951, 40 specimens, collected by the crew of RRS *William Scoresby* on 3 June 1928, from the type locality, station WS 219, from 114–116 m depth, NW of Falkland Islands, British Overseas Territory.

Current name: *Parvaplustrum tenerum* Powell, 1951 – MolluscaBase (2023).

Infraclass EUTHYNEURA

Subterclass ACTEONIMORPHA

Superfamily ACTEONOIDEA

Family ACTEONIDAE

Acteon eloiseae R.T. Abbott, 1973

Abbott, R.T., 1973, pp. 91, 92, figs 1–5.

Holotype: DMNH 27213

Paratypes: MA71970, two specimens, collected by D. Bosch in 1970, Al Masirah Island, Sultanate of Oman.

Current name: *Punctacteon eloiseae* (R.T. Abbott, 1973) – MolluscaBase (2023).

† *Acteon oneroaensis* Powell & Bartrum, 1929

Powell, A.W.B. and J.A. Bartrum, 1929, pp. 442, 443, pl. 45, figs 77–79.

Holotype: MA72001, collected from the early Miocene (Otaian) Tipakuri Formation of ‘Double U Bay’, approximately 800 m north of Oneroa Beach, Waiheke Island, Auckland, New Zealand.

Paratype: MA71708, one specimen, from the type locality.

Current name: *Acteon oneroaensis* Powell & Bartrum, 1929 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Buccinulus albus F.W. Hutton, 1873

Hutton, F.W., 1873, pp. 51, 52, not figured.

Neotypification in Finlay, H.J., 1926b, pp. 436, 437, not figured.

Neotype: MA70650, dredged from (25 fathoms) depth, Hauraki Gulf, Auckland, New Zealand.

Current name: *Pupa affinis* (A. Adams, 1855) – Beu (2004: 218); MolluscaBase (2023).

Neactaeonina inexpectata Dell, 1956

Dell, R.K., 1956a, p. 147, pl. 20, fig. 210.

Holotype: NMNZ M.009793

Paratypes: MA72744, two specimens, collected by E.J. Batham, on board the MV *Alert*, on 16 August 1955, from 549 m (300 fathoms) depth, Canyon C [Taiaroa Canyon], Otago, New Zealand.

Current name: *Neactaeonina inexpectata* Dell 1956 – MolluscaBase (2023).

† *Tornatellaea incompta* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 90, pl. 13, fig. 18.

Holotype: MA73340, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Tornatellaea incompta* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Tornatellaea saucia* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, p. 90, pl. 13, figs 11, 15.

Holotype: GNS TM 7355

Paratype: MA72864, one specimen, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Current name: *Tornatellaea saucia* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Superfamily RISSOELLOIDEA

Family RISSOELLIDAE

Laevilitorina cystophora Finlay, 1924

Finlay, H.J., 1924d, p. 523, text figs 6, 7.

Holotype: MA70382, collected from seaweed washings, Taieri Beach, ‘a few miles south of Taieri River’, Otago, New Zealand.

Paratypes: MA72507, 96 specimens, from the type locality.

Current name: *Rissoella cystophora* (Finlay, 1924) – MolluscaBase (2023).

Laevilitorina micra Finlay, 1924

Finlay, H.J., 1924d, p. 522, text fig. 5.

Holotype: MA70383, collected from seaweed washings, Taieri Beach, ‘a few miles south of Taieri River’, Otago, New Zealand.

Remarks: Specimen damaged by glass disease.

Current name: *Rissoella micra* (Finlay, 1924) – MolluscaBase (2023).

Rissoella elongatospira Ponder, 1966

Ponder, W.F., 1966a, pp. 167, 168, pl. 2, figs 10–13.

Holotype: MA71273, collected by W.F. Ponder on 1 January 1964, on *Carpophyllum plumosum*, from Te Hāwera-a-Maki/Goat Island Bay, Leigh, Auckland, New Zealand.

Paratypes: MA72844, ten specimens, from the type locality.

Current name: *Rissoella elongatospira* Ponder, 1966 – MolluscaBase (2023).

Zelaxitas rissoaformis Powell, 1939

Powell, A.W.B., 1939, p. 230, pl. 49, fig. 5.

Holotype: MA70875, collected by A.W.B. Powell in November 1934, on seaweeds at low tide, Ocean Beach, Stewart Island/Rakiura, New Zealand.

Remarks: Material described by Powell (1939) came from R.H. Harrison, A. Hamilton and a field trip Powell undertook in October/November 1934, which was hosted by G.M. Turner. However, provenance is often not clear from the labels or Powell (1939). Given that one of the species originating from seaweed washings

was named after Turner, it is assumed that these were collected by Powell on the 1934 trip. As this specimen originated from the same material it is assumed to have been collected by Powell in October/November 1934.

Current name: *Risoella rissoaformis* (Powell, 1939) – MolluscaBase (2023).

Subterclass RINGIPLEURA

Order RINGICULOMORPHA

Superfamily RINGICULOIDEA

Family RINGICULIDAE

Ringicula castigata Marwick, 1929

Marwick, J., 1929, pp. 925, 926, fig. 64.

Holotype: GNS TM 9455

Paratypes: MA73389, two specimens, collected from the type locality, the late Oligocene (Duntroonian) Chatton Formation, Chatton, Southland, New Zealand.

Current name: *Ringicula castigata* Marwick, 1929 – MolluscaBase (2023).

† *Ringicula marwicki* Powell, 1935

Powell, A.W.B., 1935d, p. 339, pl. 78, fig. 25.

Holotype: MA72127, collected from the early Miocene (Altonian) Tirikohua Formation, Te Waharoa Bay, south of Muriwai, Auckland, New Zealand.

Paratype: MA71388, one specimen, from the type locality.

Current name: *Ringicula marwicki* Powell, 1935 – Maxwell in: Spencer *et al.* (2009: 252); MolluscaBase (2023).

† *Superstes phoenix* Finlay & Marwick, 1937

Finlay, H.J. and J. Marwick, 1937, pp. 109, 110, pl. 16, figs 10, 11.

Holotype: MA73361, collected from middle–late Eocene (Kaiatan), Waiareka Volcanic Formation, Lorne [Whitstone, near the disused railway station], Otago, New Zealand.

Current name: *Superstes phoenix* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 252); MolluscaBase (2023).

Order PLEUROBRANCHIDA

Superfamily PLEUROBRANCHOIDEA

Family PLEUROBRANCHIDAE

Pleurobranchus ornatus Cheeseman, 1878

Cheeseman, T.F. 1878, pp. 275, 276, pl. 15, figs 1, 2.

Iconotype: Cheeseman (1878), pl. 15, figs 1, 2, from ‘Auckland Harbour’, Auckland, New Zealand.

Remarks: ‘Auckland Harbour’ is an unofficial name which may refer to Waitematā Harbour or the inner Hauraki Gulf coastal region.

Cheeseman’s paper describing *Pleurobranchus ornatus*, *Pleurobranchaea novaezealandiae* and *Aclesia glauca* was published twice. It was first published in Proceedings

of the Zoological Society of London (PZSL), 1878, pp. 275–277, pl. 15, figs 1–4 and annotated as received by PZSL on 29 January 1878. The plate is a coloured lithograph based on watercolour paintings, presumably by Ellen Maud Cheeseman. The article was republished, with a new illustration in black and white only, in Transactions and Proceedings of the New Zealand Institute (TPNZI) 11, pp. 378–380, pl. 16, figs 1–4, which was issued in May 1879 (Cheeseman 1879) although Cheeseman read the paper before the Auckland Institute on 22 October 1877. There is no AM collection record of a preserved type specimen, therefore the illustrations in Cheeseman (1878: pl. 15, figs 1, 2) must stand as the iconotype. However, an extant watercolour painting, MA70629, **Figure 4**, by Ellen Maud Cheeseman, is almost identical to the images reproduced in PZSL and TPNZI. It is minus the internal shell, but is clearly contemporaneous with Cheeseman’s type description.

Current name: *Berthella ornata* (Cheeseman, 1878) – MolluscaBase (2023).

Family PLEUROBRANCHAEIDAE

Pleurobranchaea novaezealandiae Cheeseman, 1878

Cheeseman, T.F. 1878, p. 276, pl. 15, fig. 3.

Iconotype: Cheeseman (1878), pl. 15, fig. 3, collected from ‘Auckland Harbour’, Auckland, New Zealand.

Remarks: ‘Auckland Harbour’ is an unofficial name which may refer to Waitematā Harbour or the inner Hauraki Gulf coastal region.

As for *Pleurobranchaea novaezealandiae* Cheeseman, 1878 there was duplication of the type publication. There is no AM collection record of a preserved type specimen, therefore the illustration in Cheeseman (1878: pl. 15, fig. 3) must stand as the iconotype. However, an extant watercolour painting by Ellen Maud Cheeseman, MA70628, **Figure 5**, was referred to by Powell (1941a: 239) as an iconotype. This is incorrect, but except for minor details it is identical to the images reproduced in PZSL and TPNZI and is clearly contemporaneous with Cheeseman’s type description.

Current name: *Pleurobranchaea maculata* (Quoy & Gaimard, 1832) – MolluscaBase (2023).

Order NUDIBRANCHIA

Superfamily DORIDOIDEA

Family DORIDIDAE

Doris (?) *flabellifera* Cheeseman, 1881

Cheeseman, T.F., 1881a, pp. 222, 223, not figured.

Iconotypification in Powell, 1941a, p. 239, not figured.

Iconotype: MA70245, **Figure 6**, collected from ‘Auckland Harbour’, Auckland, New Zealand.

Remarks: ‘Auckland Harbour’ is an unofficial name which may refer to Waitematā Harbour or the inner Hauraki Gulf coastal region.

There is no AM collection record of a preserved type specimen. However, the image represented by MA70245

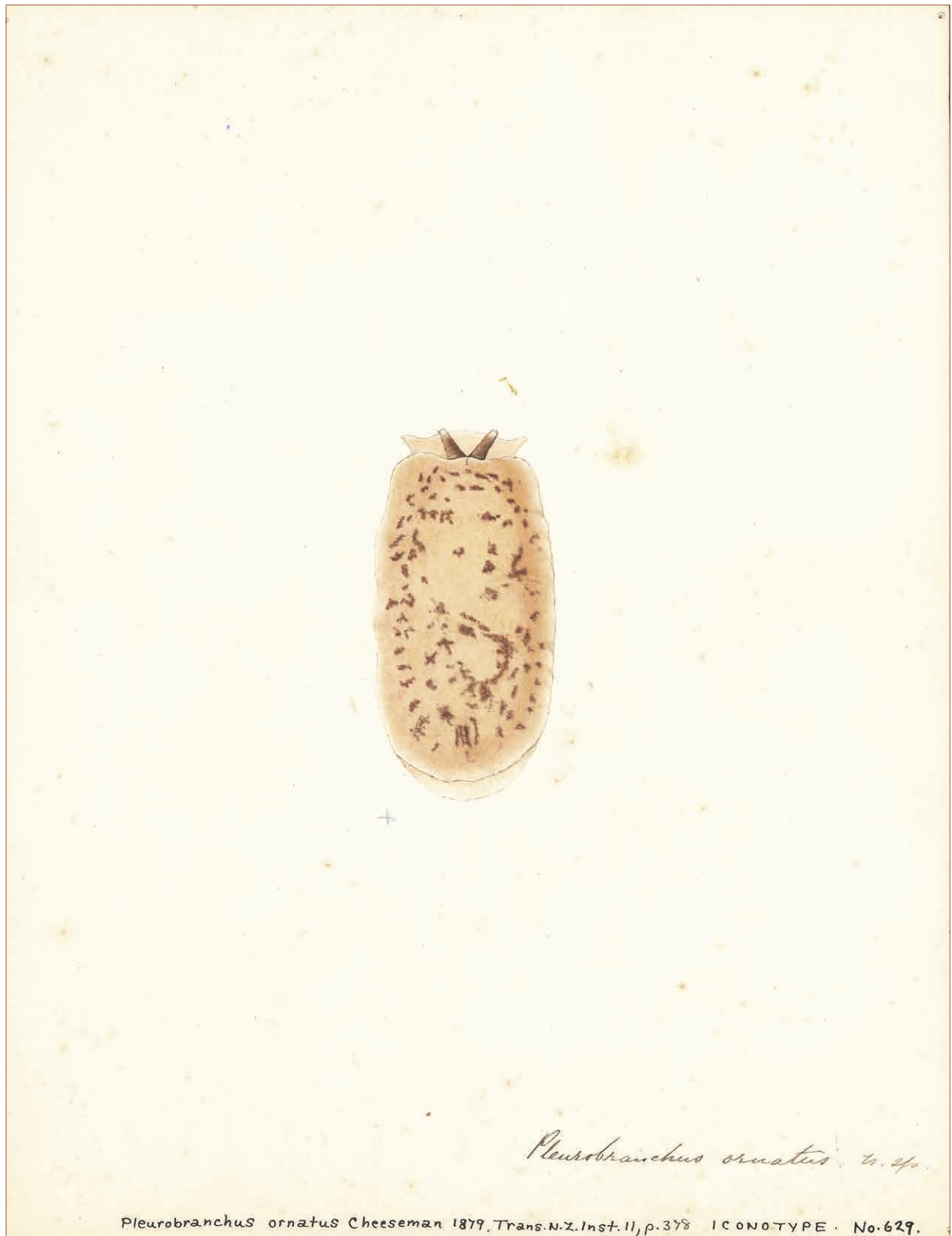


Figure 4. Watercolour painting (MA70629) by Ellen Maud Cheeseman of the dorsal view of *Pleurobranchus ornatus* Cheeseman, 1878. There are two generations of handwriting, with the cursive hand by Cheeseman and the other by Powell, who incorrectly referred to the painting as an iconotype. Length of painted animal is 75 mm.



Figure 5. Watercolour painting (MA70628) by Ellen Maud Cheeseman of the dorsal and ventral views of *Pleurobranchaea novaezealandiae* Cheeseman, 1878. The handwriting is by Powell, who incorrectly referred to the painting as an iconotype. Length of dorsal view of painted animal is 75 mm.

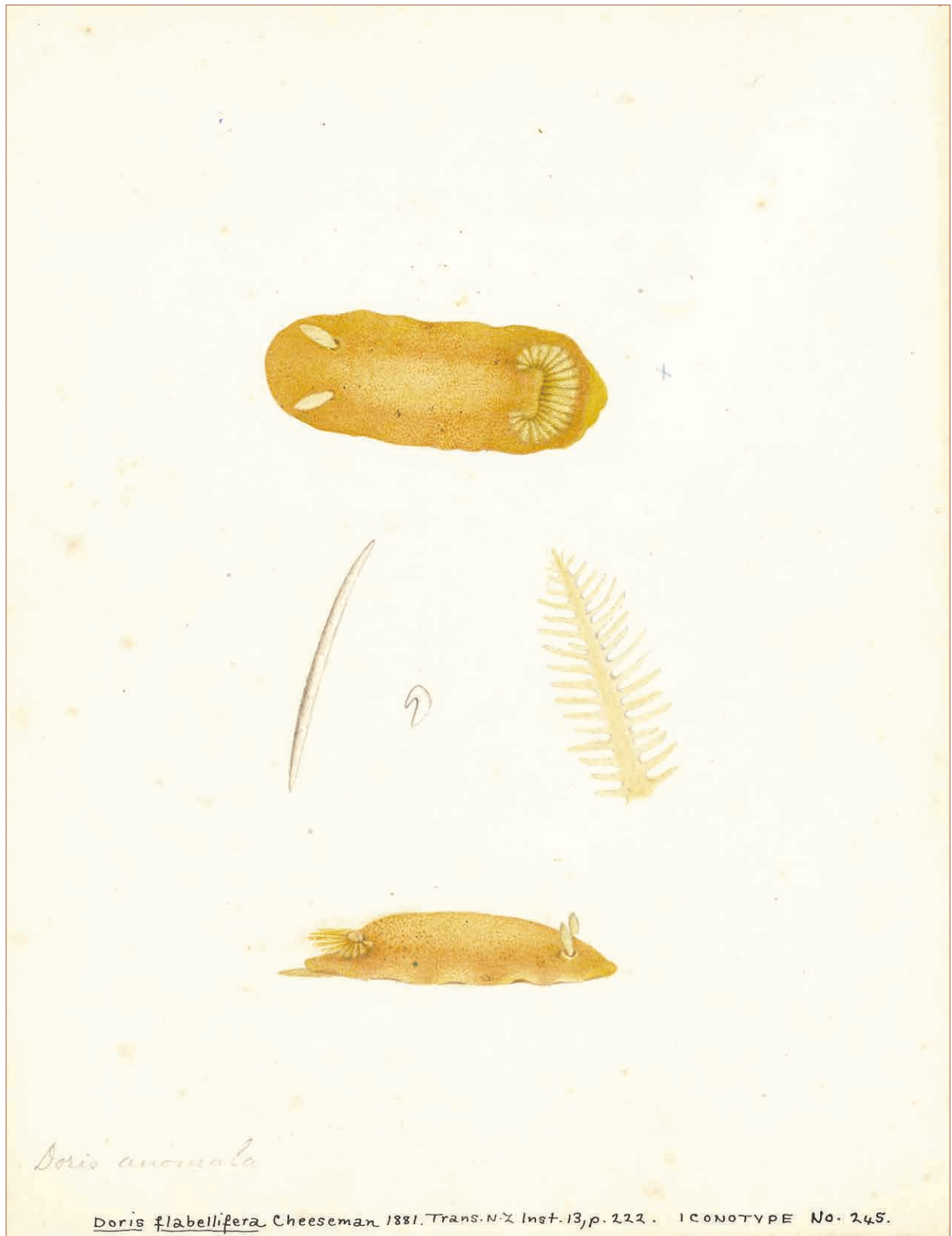


Figure 6. Watercolour painting (MA70245) by Ellen Maud Cheeseman of the dorsal and lateral views of *Doris* (?) *flabellifera* Cheeseman, 1881, with details of two mantle spicules (left) and a single gill branch (right). There are two generations of handwriting, with the cursive hand in pencil by Cheeseman and the other in ink by Powell. Length of dorsal view of painted animal is 70 mm.



Figure 7. Watercolour painting (MA70246) by Ellen Maud Cheeseman of the dorsal and oblique views of *Doris luctuosa* Cheeseman, 1882. There are two generations of handwriting, with the cursive hand by Cheeseman and the other by Powell. Length of dorsal view of painted animal is 65 mm.

was painted by Cheeseman's sister, Ellen Maud, and appears to be of the animal which formed the basis of Cheeseman's type description (Powell, 1941a: 239).

Current name: *Doriopsis granulosa* Pease, 1860 – MolluscaBase (2023).

***Doris luctuosa* Cheeseman, 1882**

Cheeseman, T.F., 1882, pp. 213, 214, not figured.

Iconotypification in Powell, 1941a, p. 239, not figured.

Iconotype: MA70246, **Figure 7**, collected from 'Auckland Harbour', Auckland, New Zealand.

Remarks: 'Auckland Harbour' is an unofficial name which may refer to Waitematā Harbour or the inner Hauraki Gulf coastal region.

There is no AM collection record of a preserved type specimen. However, the image represented by MA70246 was painted by Cheeseman's sister, Ellen Maud, and appears to be of the animal which formed the basis of Cheeseman's type description (Powell, 1941a: 239).

Current name: *Aphelodoris luctuosa* (Cheeseman, 1882) – MolluscaBase (2023).

Family DISCODORIDIDAE

***Doris rubicunda* Cheeseman, 1881**

Cheeseman, T.F., 1881a, p. 222, not figured.

Iconotypification in Powell, 1941a, p. 239, not figured.

Iconotype: MA70247, **Figure 8**, collected from 'Auckland Harbour', Auckland, New Zealand.

Remarks: 'Auckland Harbour' is an unofficial name which may refer to Waitematā Harbour or the inner Hauraki Gulf coastal region.

There is no AM collection record of a preserved type specimen. However, the image represented by MA70247 was painted by Cheeseman's sister, Ellen Maud, and appears to be of the animal which formed the basis of Cheeseman's type description (Powell, 1941a: 239).

Current name: *Rostanga muscula* (Abraham, 1877) – MolluscaBase (2023).

Superfamily CHROMODOROIDEA

Family CHROMODORIDIDAE

***Chromodoris amoena* Cheeseman, 1886**

Cheeseman, T.F., 1886, p. 137, not figured.

Iconotypification in Powell, 1941a, p. 239, not figured.

Iconotype: MA70169, **Figure 9**, collected by W. Farquhar of the SS *Clansman*, from rocks at Whangaroa Harbour, Northland, New Zealand.

Remarks: The image represented by MA70169 was painted by Cheeseman's sister, Ellen Maud, but was never published. According to Cheeseman, Farquhar's specimen 'lived in confinement for more than a month, during this period depositing its ova.' It is therefore assumed that it is this specimen which formed the basis for both Thomas Cheeseman's description and Ellen Maud Cheeseman's watercolour painting. There is no AM collection record of a preserved type specimen.

Current name: *Ceratosoma amoenum* (Cheeseman, 1886) – MolluscaBase (2023).

***Chromodoris aureomarginata* Cheeseman, 1881**

Cheeseman, T.F., 1881a, p. 223, not figured.

Iconotypification in Powell, 1941a, p. 239, not figured.

Iconotype: MA70170, **Figure 10**, collected from 'Auckland Harbour', Auckland, New Zealand.

Remarks: 'Auckland Harbour' is an unofficial name which may refer to Waitematā Harbour or the inner Hauraki Gulf coastal region.

There is no AM collection record of a preserved type specimen. However, the image represented by MA70170 was painted by Cheeseman's sister, Ellen Maud, and appears to be of the animal which formed the basis of Cheeseman's type description (Powell, 1941a: 239).

Current name: *Goniobranchus aureomarginatus* (Cheeseman, 1881) – MolluscaBase (2023).

Superfamily PHYLLIDIOIDEA

Family DENDRODORIDIDAE

***Doridopsis citrina* Cheeseman, 1881**

Cheeseman, T.F., 1881a, pp. 223, 224, not figured.

Iconotypification in Powell, 1941a, p. 239, not figured.

Iconotype: MA70244, **Figure 11**, collected from 'Auckland Harbour', Auckland, New Zealand.

Remarks: 'Auckland Harbour' is an unofficial name which may refer to Waitematā Harbour or the inner Hauraki Gulf coastal region.

There is no AM collection record of a preserved type specimen. However, the image represented by MA70244 was painted by Cheeseman's sister, Ellen Maud, and appears to be of the animal which formed the basis of Cheeseman's type description (Powell, 1941a: 239).

Current name: *Dendrodoris citrina* (Cheeseman, 1881) – MolluscaBase (2023).

Superfamily TRITONIOIDEA

Family TRITONIIDAE

***Sphaerostoma flemingi* Powell, 1937**

Powell, A.W.B., 1937a, pp. 120, 122, fig. 4, pl. 30, fig. 3.

Iconotype (designated here): MA70717, collected by C.A. Fleming on 19 July 1931, 'on *Corallina* weed', from Takapuna Reef, Auckland, New Zealand.

Remarks: Powell (1937a: 120) referred to the specimen in pl. 30, fig. 3 as the holotype and he reused the image in Powell (1979: pl. 51, fig. 6). In this case, MA70717 refers to the database record only. There is no evidence that the figured specimen was preserved and the original Powell illustration has not been located. Therefore, the image reproduced in Powell (1937a: pl. 30, fig. 3) is not a holotype and is here designated the iconotype.

Current name: *Tritonia flemingi* (Powell, 1937) – MolluscaBase (2023).

Subterclass TECTIPLEURA**Order CEPHALASPIDEA****Superfamily BULLOIDEA****Family BULLIDAE*****Bulla (Quibulla) subtropicalis* Powell, 1965**

Powell, A.W.B., 1965, pp. 167, 168, pl. 22, figs 8, 9.

Holotype: MA71245, collected from Norfolk Island, Australia.

Current name: *Bulla vernicosa* Gould, 1859 – MolluscaBase (2023).

Family RETUSIDAE***Cylichnina opima* Finlay, 1926**

Finlay, H.J., 1926b, p. 439, pl. 19, fig. 34.

Holotype: MA70233, collected from shell sand, Lyall Bay, Wellington, New Zealand.

Paratype: MA73681, one specimen, from the type locality.

Current name: *Retusa opima* (Finlay, 1926) – MolluscaBase (2023).

***Retusa aupouria* Powell, 1937**

Powell, A.W.B., 1937b, p. 219, pl. 55, fig. 7.

Holotype: NHM 19621070

Paratypes: MA71945, 14 specimens, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 933, RRS *Discovery II* cruise, in 260 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Relichna aupouria* (Powell, 1937) – MolluscaBase (2023).

***Tornatina oruaensis* Webster, 1908**

Webster, W.H. 1908, pp. 255, 256, pl. 20, figs 12–15.

Syntypes: MA70769, 31 specimens; MA71977, three specimens; all collected from the type locality, 5 m (3 fathoms) depth, Orua Bay, Manukau Harbour, Auckland, New Zealand.

Remarks: Webster (1908: 256) did not separate out a holotype specimen and referred to ‘types in my collection’.

Current name: *Retusa oruaensis* (Webster, 1908) – MolluscaBase (2023).

Family RHIZORIDAE***Rhizorus nesentus* Finlay, 1926**

Finlay, H.J., 1926b, p. 438, not figured.

Holotype: MA70664, collected from 70 m (38 fathoms) depth, off Cuvier Island, Waikato, New Zealand.

Paratypes: MA73090, two specimens, from the type locality.

Current name: *Volvulella nesentus* (Finlay, 1926) – MolluscaBase (2023).

***Volvulella truncata* Dell, 1956**

Dell, D.K., 1956b, pp. 146, 147, pl. 20, figs 211, 212.

Holotype: NMNZ M.009792

Paratype: MA72755, one specimen, collected by E.J. Batham on 16 August 1955, on board the MV *Alert*, from the type locality, from 549 m (300 fathoms) depth, Taiaroa Canyon, off Otago Peninsula, New Zealand.

Current name: *Volvulella truncata* Dell, 1956 – MolluscaBase (2023).

Superfamily CYCLICHNOIDEA**Family CYLICHNIDAE****† *Cylichnania impar* Finlay & Marwick, 1937**

Finlay, H.J. and J. Marwick, 1937, p. 93, pl. 13, fig. 1.

Holotype: MA73347, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Paratype: MA73348, two specimens, from the type locality.

Current name: *Cylichnania impar* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 252); MolluscaBase (2023).

***Toledonia succineaformis* Powell, 1955**

Powell, A.W.B., 1955, p. 114, pl. 3, fig. 30.

Holotype: MA72206, collected [by J. Bollons], from 174 m (95 fathoms) depth, 22.5 km (14 miles) north of Auckland Islands, New Zealand.

Paratypes: MA71616, three specimens, from the type locality.

Current name: *Toledonia succineaformis* Powell, 1955 – MolluscaBase (2023).

Family DIAPHANIDAE***Austrodiaphana flemingi* Powell, 1955**

Powell, A.W.B., 1955, p. 115, pl. 3, fig. 29.

Holotype: MA71229, collected [by J. Bollons], from 174 m (95 fathoms) depth, 22.5 km (14 miles) north of Auckland Islands, New Zealand.

Current name: *Diaphana brazieri* Angas, 1877 – MolluscaBase (2023).

***Austrodiaphana maunganuica* Powell, 1952**

Powell, A.W.B., 1952b, p. 185, pl. 36, fig. 7.

Holotype: MA71196, collected by E.G. Williams in April 1948, from the stomach of a tarakihi (*Nemadactylus macropterus*), caught in 33 m (18 fathoms) depth, 4 km (2.5 miles) off Mount Maunganui, Bay of Plenty, New Zealand.

Paratypes: MA72306, five specimens, from the type locality.

Current name: *Diaphana brazieri* Angas, 1877 – MolluscaBase (2023).



Figure 8. Watercolour painting (MA70247) by Ellen Maud Cheeseman of the dorsal and oblique views of *Doris rubicunda* Cheeseman, 1881, with details of tubercles (*left*) and a single gill branch (*right*). There are two generations of handwriting, with the cursive hand in pencil by Cheeseman and the other in ink by Powell. Length of scale bar is 16 mm.



Figure 9. Watercolour painting (MA70169) by Ellen Maud Cheeseman of the dorsal and lateral views of *Chromodoris amoena* Cheeseman, 1886, with egg string. There are two generations of handwriting, with the cursive hand by Cheeseman and the other by Powell. Length of dorsal view of painted animal is 68 mm.

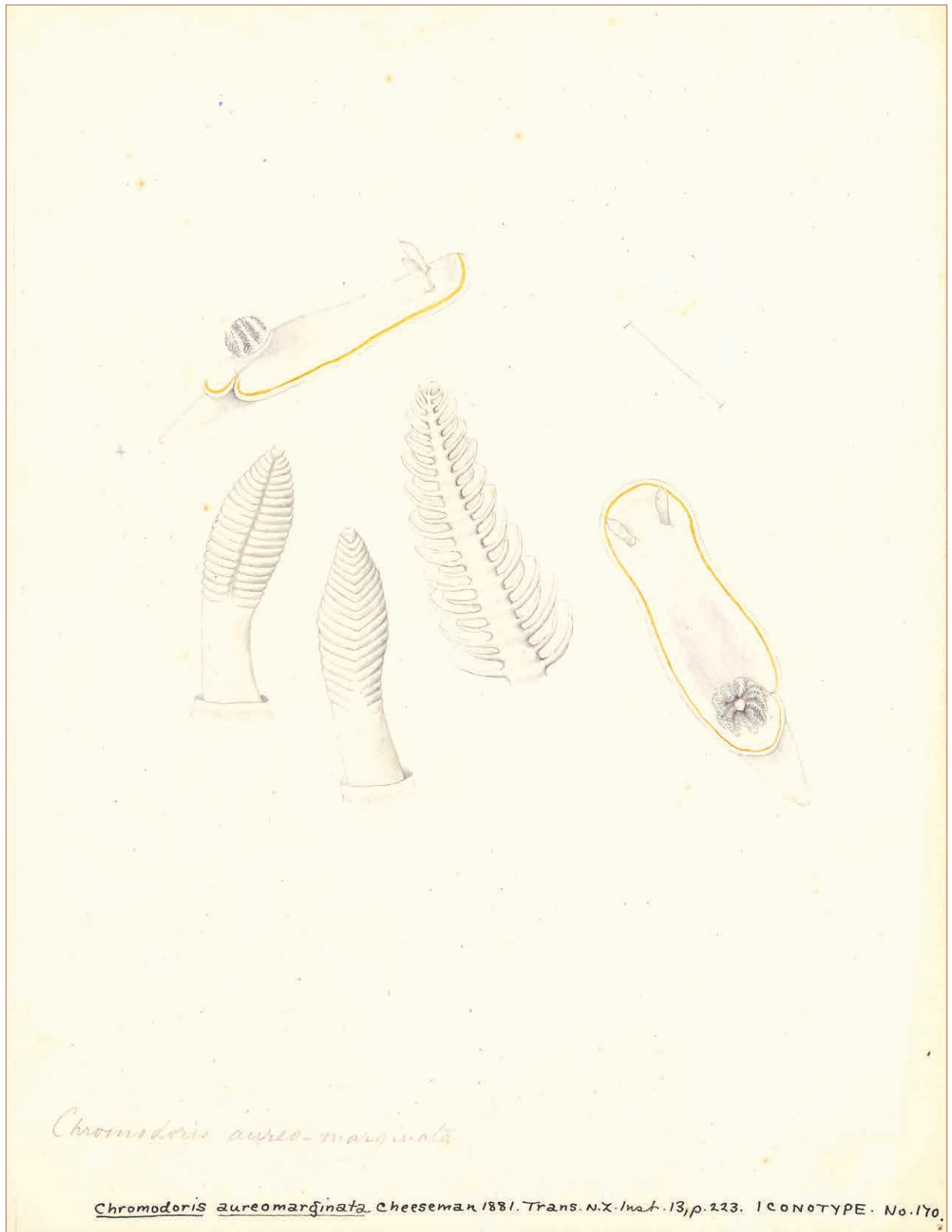


Figure 10. Watercolour painting (MA70170) by Ellen Maud Cheeseman of the dorsal and lateral views of *Chromodoris aureomarginata* Cheeseman, 1881, with details of rhinophores (left) and a single gill branch (right). There are two generations of handwriting, with the cursive hand in pencil by Cheeseman and the other in ink by Powell. Length of scale bar is 25 mm.



Figure 11. Watercolour painting (MA70244) by Ellen Maud Cheeseman of the dorsal and oblique views of *Doridopsis citrina* Cheeseman, 1881, with details of rhinophores (*left*) and a single gill branch (*right*). There are two generations of handwriting, with the cursive hand in pencil by Cheeseman and the other in ink by Powell. Length of dorsal view of painted animal is 83 mm.



Figure 12. Watercolour painting (MA70004) by Ellen Maud Cheeseman of the dorsal view of *Aclesia glauca* Cheeseman, 1878. The handwriting is by Powell, who incorrectly referred to the painting as an iconotype. Length of painted animal is 108 mm.

Superfamily PHILINOIDEA

Family AGLAJIDAE

Aglaja (Melanochlamys) lorrainae Rudman, 1968

Rudman, W.B., 1968, pp. 214, 216, figs 2d–f.

Holotype: MA71314, collected by N. Douglas in October 1965, from Tipitai [Point], Wattle Bay, southern Manukau Harbour, Auckland, New Zealand.

Paratype: MA73138, one specimen, from the type locality.

Current name: *Melanochlamys lorrainae* (Rudman, 1968) – MolluscaBase (2023).

Chelidonura aureopunctata Rudman, 1968

Rudman, W.B., 1968, pp. 211, 213, 214, figs 1a–c, 2a–c.

Holotype: MA71313, collected by K. Hipkins in December 1966, from sandflats, Paua, Parengarenga Harbour, Northland, New Zealand.

Paratype: MA73137, one specimen, from the type locality.

Current name: *Philinopsis taronga* (J.K. Allan, 1933) – Burn (2006: 7); MolluscaBase (2023).

Melanochlamys cylindrica Cheeseman, 1881

Cheeseman, T.F., 1881b, p. 224, not figured.

Neotypification in Powell, A.W.B., 1941a, p. 239, not figured.

Neotype: MA70455, one specimen, collected by C.A. Fleming in spring 1937, from tide pools near Takapuna, Auckland, New Zealand.

Remarks: Two black and white drawings, and an accompanying handwritten note by A.W.B. Powell, all registered as MA128804, were recently discovered in the AM library archives. In the note Powell wrote ‘neither spirit specimens nor shells have been located in the Auckland Museum collections so apparently no type was preserved. Specimens from the old museum exhibition series of N.Z. Mollusca prove to be *Philine auriformis* (Suter). [A] previous unpublished figure of the animal showing the side lobes of the foot expanded is here given together with a companion drawing with the lobes folded, a copy of which was given by Suter in his Atlas pl. 37 f.1. These drawings were made by Miss E. Cheeseman at the time the species was described so that they constitute our only Holotypic record apart from its description. The species has not since been collected locally so far as as the writer is aware.’

At the time, the drawing figured by Suter (1913a: pl. 37, fig. 1) would have qualified as the iconotype. However, this status changed when a neotype was designated by Powell in 1941. Powell (1941a: 239) stated that the neotype was a spirit specimen. In 2010 it was found in a dried-out state in the dry type collection.

Current name: *Melanochlamys cylindrica* Cheeseman, 1881 – MolluscaBase (2023).

Family ANTARCTOPHILINIDAE

Philine falklandica Powell, 1951

Powell, A.W.B., 1951c, p. 178, pl. 7, fig. 24.

Holotype: NHM 1961623

Paratypes: MA71967, three specimens, collected by the crew of RRS *William Scoresby* on 3 June 1928, from the type locality, station WS 219, from 114–116 m depth, NW of Falkland Islands, British Overseas Territory.

Current name: *Antarctophilina falklandica* (Powell, 1951) – Moles *et al.* (2019: 508).

Family SCAPHANDRIDAE

†*Haminea cingulata* P. Marshall, 1917

Marshall, P., 1917, p. 458, pl. 36, fig. 39.

Neotypification in Finlay, H.J. and J. Marwick, 1937, p. 92, pl. 13, figs 4, 5; pl. 17, fig. 7.

Neotype (designated here): MA71447, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Remarks: According to P. Marshall (1917: 458) the type for this species came from Wangaloa and was lodged at Otago Museum, with several other specimens. Finlay and Marwick (1937: 92) stated that the type was missing and that they elected a lectotype. However, lot MA71447 should have been designated as neotype as Marshall clearly indicated that there was a single type specimen. In addition, the specimen selected by Finlay and Marwick came from Boulder Hill rather than the original Marshall type locality at Wangaloa. In the interest of taxonomic stability MA71447 is here designated neotype.

Current name: *Priscaphander cingulatus* (P. Marshall, 1917) – MolluscaBase (2023).

†*Kaitoa haroldi* Marwick, 1931

Marwick, J. 1931, p. 155, not figured.

Holotype: MA70372, Plate 10d, collected from the early Miocene (Altonian) Southburn Sand at White Rock River, south Canterbury, New Zealand.

Current name: *Kaitoa haroldi* Marwick, 1931 – Maxwell in: Spencer *et al.* (2009: 252); MolluscaBase (2023).

Kaitoa scaphandroides Powell, 1951

Powell, A.W.B., 1951c, p. 179, pl. 10, figs 69, 70, fig. M (93).

Holotype: NHM 1961624

Paratype: MA71981, one specimen, collected on 16 March 1926, from the type locality, station 30, Discovery Committees cruise, from 251 m depth, West Cumberland Bay, South Georgia, British Overseas Territory.

Current name: *Kaitoa scaphandroides* Powell, 1951 – MolluscaBase (2023).

† *Scaphander hiulca* Laws, 1936

Laws, C. R. 1936b, p. 123, pl. 17, figs 83, 84.

Holotype: MA70688, collected from the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Scaphander hiulcus* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 252); MolluscaBase (2023).

Scaphander otagoensis Dell, 1956

Dell, R.K., 1956a, pp. 143, 144, pl. 20, fig. 208.

Holotype: NMNZ M.009141

Paratype: MA72754, one specimen, collected by E.J. Batham on 16 August 1955, on board the MV *Alert*, from the type locality, from 549 m (300 fathoms) depth, Canyon C [Taiaroa Canyon], Otago, New Zealand.

Current name: *Scaphander otagoensis* Dell, 1956 – MolluscaBase (2023).

† *Scaphander scapha* Laws, 1933

Laws, C.R., 1933, p. 327, pl. 30, figs 8, 9; pl. 33, fig. 35.

Holotype: MA70689, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at Sutherlands, Tengawai River, South Canterbury, New Zealand.

Paratype: MA72667, one specimen, from the type locality.

Current name: *Scaphander scapha* Laws, 1933 – Maxwell in: Spencer *et al.* (2009: 252); MolluscaBase (2023).

Order APLYSIIDA

Superfamily APLYSOIDEA

Family APLYSIIDAE

Aclesia glauca Cheeseman, 1878

Cheeseman, T.F., 1878, p. 277, pl. 15, fig. 4.

Iconotype: Cheeseman (1878), pl. 15, fig. 4, collected from ‘Auckland Harbour’, Auckland, New Zealand.

Remarks: ‘Auckland Harbour’ is an unofficial name which may refer to Waitematā Harbour or the inner Hauraki Gulf coastal region.

As for *Pleurobranchaea novaezealandiae* Cheeseman, 1878 there was duplication of the type publication. There is no AM collection record of a preserved type specimen, therefore the illustration in Cheeseman (1878: pl. 15, fig. 4) must stand as the iconotype. However, an extant watercolour painting by Ellen Maud Cheeseman, MA70004, **Figure 12**, was referred to by Powell (1941: 239) as an iconotype. This is incorrect, but except for minor details it is identical to the images reproduced in PZSL (Cheeseman 1878) and TPNZI (Cheeseman 1879) and is clearly contemporaneous with Cheeseman’s type description.

Current name: *Bursatella leachii* Blainville, 1817 – Bazzicalupo *et al.* (2020); MolluscaBase (2023).

Order PTEROPODA

Superfamily CAVOLINOIDEA

Family SPHAEROCINIDAE

† *Lornia marwicki* Powell, 1935

Powell, A.W.B., 1935d, p. 339, pl. 78, figs 23, 24.

Holotype: MA70423, from the early Miocene (Altonian) Nihotupu Formation, north end of Pillow Lava Bay, south of Muriwai Beach, west Auckland, New Zealand.

Paratypes: MA71378, 19 specimens, from the type locality.

Current name: *Sphaerocina formae* (Audenino, 1899) – Maxwell in: Spencer *et al.* (2009: 252); MolluscaBase (2023).

Order uncertain

Superfamily PLAKOBRANCHOIDEA

Family PLAKOBRANCHIDAE

Elysia maoria Powell, 1937

Powell, A.W.B., 1937a, pp. 121, 123, pl. 30, fig. 5; text fig. 6.

Holotype: MA70259, preserved animal and slide-mounted radula, collected by C.A. Fleming on 21 March 1931, on the green alga *Codium*, from Takapuna Reef, Auckland, New Zealand.

Current name: *Elysia maoria* Powell, 1937 – MolluscaBase (2023).

Family LIMAPONTIIDAE

Hermaea aoteana Powell, 1937

Powell, A.W.B., 1937a, pp. 123, 124, pl. 30, fig. 1, text fig. 3.

Holotype: MA70356, slide-mounted radula, collected by W.E. Perks on 27 September 1927, on the green alga *Codium*, Bastion Point, Auckland, New Zealand.

Paratypes: MA73671, three dried specimens, from the type locality.

Current name: *Placida aoteana* (Powell, 1937) – MolluscaBase (2023).

Order SIPHONARIIDA

Superfamily SIPHONARIOIDEA

Family SIPHONARIIDAE

Kerguelenella flemingi Powell, 1955

Powell, A.W.B., 1955, pp. 121, 122, pl. 5, fig. 44.

Holotype: GNS TM 1204

Paratypes: MA72385, 15 specimens, collected from the type locality by C.A. Fleming during 1942–1943, as part of the ‘Cape Expedition’, bay south of Crozier Point, Auckland Islands, New Zealand.

Current name: *Siphonaria innominata* (Iredale, 1915).

***Kerguelenia macquariensis* Powell, 1939**

Powell, A.W.B., 1939, p. 238, pl. 49, figs 9, 10.

***Kerguelenella lateralis macquariensis* Powell, 1939**

Powell, A.W.B., 1955, p. 122, not figured.

Holotype: MA70376, collected from Macquarie Island, Australia.

Remarks: A separate holotype for *Kerguelenella lateralis macquariensis* has not been located and Powell (1955) does not mention a separate type specimen as part of the type description. It is here assumed that he designated the existing type of *Kerguelenella macquariensis* Powell, 1939 to also be the type for *Kerguelenella lateralis macquariensis* Powell, 1955. This is consistent with the lack of type figures with the 1955 type description, as the specimen was already figured in the 1939 publication.

Current name: *Siphonaria macquariensis* (Powell, 1939) – MolluscaBase (2023).

***Kerguelenia stewartiana* Powell, 1939**

Powell, A.W.B., 1939, pp. 237, 238, pl. 49, figs 7, 8.

Holotype: MA70377, collected [by R.H. Harrison], from seaweed-covered rocks, Ackers Point, Stewart Island/Rakiura, New Zealand.

Paratype: MA71589, one specimen, MA73464, seven specimens; all from the type locality.

Current name: *Siphonaria stewartiana* (Powell, 1939) – MolluscaBase (2023).

Order uncertain**Superfamily PYRAMIDELLOIDEA****Family PYRAMIDELLIDAE****† *Bartrumella kaawaensis* Laws, 1940**

Laws, C.R., 1940a, p. 446, pl. 61, fig. 45.

Holotype: GNS TM 1387

Paratypes: MA72852, four specimens, collected from the type locality, the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Bartrumella kaawaensis* Laws, 1940 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

***Besla rossiana* Laws, 1941**

Laws, C.R., 1941a, p. 13, pl. 1, fig. 4.

Holotype: MA70940, assumed to have been dredged by J. Bollons, from 174 m (95 fathoms) depth, 22.5 km (14 miles) north of Auckland Islands, New Zealand.

Current name: *Besla rossiana* Laws, 1941 – MolluscaBase (2023).

† *Besla vaga* Laws, 1941

Laws, C.R., 1941a, p. 12, pl. 1, fig. 7.

Holotype: MA70941, collected from the Early–Middle Pleistocene (Castlecliffian) at Castlecliff, Manawatū-Whanganui, New Zealand.

Current name: *Besla vaga* Laws, 1941 – Maxwell in: Spencer *et al.* (2009: 250); MolluscaBase (2023).

***Chemnitzia barrierensis* Laws, 1937**

Laws, C.R., 1937b, pp. 61, 62, pl. 13, fig. 11; pl. 14, fig. 29.

Holotype: MA72042, collected from 11–18 m (6–10 fathoms) depth, west of Great Barrier Island, Auckland, New Zealand.

Current name: *Turbonilla barrierensis* (Laws, 1937) – MolluscaBase (2023).

† *Chemnitzia brevisutura* Laws, 1937

Laws, C.R., 1937b, p. 68, pl. 14, fig. 35.

Holotype: MA70144, collected from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Turbonilla brevisutura* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

***Chemnitzia bucknilli* Laws, 1937**

Laws, C.R., 1937b, p. 56, pl. 13, fig. 14; pl. 14, fig. 34.

Holotype: MA72043, collected from Mount Maunganui, Bay of Plenty, New Zealand.

Current name: *Turbonilla bucknilli* (Laws, 1937) – MolluscaBase (2023).

***Chemnitzia cookiana* Laws, 1937**

Laws, C.R., 1937b, pp. 58, 59, pl. 13, fig. 15.

Holotype: MA70145, collected from Takapuna Beach, Auckland, New Zealand.

Paratypes: MA72605, two specimens, from the type locality.

Current name: *Turbonilla cookiana* (Laws, 1937) – MolluscaBase (2023).

***Chemnitzia dunedinensis* Laws, 1937**

Laws, C.R., 1937b, p. 54, pl. 13, fig. 1.

Holotype: MA70146, collected from 4–5 m (2–3 fathoms) depth, Otago Harbour, Otago, New Zealand.

Current name: *Turbonilla dunedinensis* (Laws, 1937) – MolluscaBase (2023).

***Chemnitzia errabunda* Laws, 1937**

Laws, C.R., 1937b, p. 53, pl. 13, fig. 5.

Holotype: MA70147, collected from Takapuna, Auckland, New Zealand.

Current name: *Turbonilla errabunda* (Laws, 1937) – MolluscaBase (2023).

***Chemnitzia forsteriana* Laws, 1937**

Laws, C.R., 1937b, p. 56, pl. 13, fig. 16.

Holotype: MA70148, collected from 132 m (72 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratypes: MA72603, three specimens, from the type locality.

Current name: *Turbonilla forsteriana* (Laws, 1937) – MolluscaBase (2023).

† *Chemnitzia granti* Laws, 1937

Laws, C.R., 1937b, pp. 69, 70, pl. 14, fig. 36.

Holotype: MA70149, collected from early Miocene (Altonian) Calamity Point Sandstone, [Finlay's bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Turbonilla granti* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Chemnitzia jactura Laws, 1937

Laws, C.R., 1937b, pp. 57, 58, pl. 13, fig. 7.

Holotype: MA70150, collected from 91 m (50 fathoms) depth, off Oamaru, Otago, New Zealand.

Paratypes: MA72604, ten specimens, from the type locality.

Current name: *Turbonilla jactura* (Laws, 1937) – MolluscaBase (2023).

† *Chemnitzia kaawa* Laws, 1937

Laws, C.R., 1937b, p. 63, not figured.

Holotype: AUNZ G5853a

Paratypes: MA72607, two specimens, collected from the type locality, the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Remarks: Paratype specimens badly affected by glass disease.

Current name: *Turbonilla kaawa* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Chemnitzia kingi Laws, 1937

Laws, C.R., 1937b, p. 54, 55, pl. 13, fig. 10.

Holotype: MA70151, collected from 7–11 m (4–6 fathoms) depth, off Takapuna, Auckland, New Zealand.

Current name: *Turbonilla kingi* (Laws, 1937) – MolluscaBase (2023).

Chemnitzia lawsi Powell, 1937

Powell, A.W.B., 1937b, p. 210, pl. 54, fig. 8.

Holotype: NHM 19621051

Paratype: MA72291, one specimen, collected by A.W.B. Powell on 17 August 1932, from the type locality, station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Turbonilla lawsi* (Powell, 1937) – MolluscaBase (2023).

Chemnitzia lillingtoniana Laws, 1937

Laws, C.R., 1937b, p. 65, pl. 14, fig. 39.

Holotype: MA70152, collected from 132 m (72 fathoms) depth, off Cape Saunders, Otago, New Zealand.

Current name: *Turbonilla lillingtonia* (Laws, 1937) – MolluscaBase (2023).

Chemnitzia mitis Laws, 1937

Laws, C.R., 1937b, pp. 65, 66, pl. 14, fig. 30.

Holotype: MA70153, collected from 46 m (25 fathoms) depth, off Hen and Chickens Islands, Northland, New Zealand.

Current name: *Turbonilla mitis* (Laws, 1937) – MolluscaBase (2023).

Chemnitzia owenga Laws, 1937

Laws, C.R., 1937b, p. 61, not figured.

Holotype: MA70154, **Plate 11g**, collected from 18 m (10 fathoms) depth, Owenga, Chatham Islands, New Zealand.

Paratype: MA73682, one specimen, from the type locality.

Current name: *Turbonilla owenga* (Laws, 1937) – MolluscaBase (2023).

† *Chemnitzia petaneana* Laws, 1937

Laws, C.R., 1937b, p. 51, pl. 13, fig. 12.

Holotype: MA70155, collected from the Early Pleistocene (Nukumaruan) Petane Formation, Petane, Hawke's Bay, New Zealand.

Paratypes: MA72599, three specimens, from the type locality.

Current name: *Turbonilla petaneana* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Chemnitzia pliocenica* Laws, 1937

Laws, C.R., 1937b, pp. 51, 52, pl. 13, fig. 18.

Holotype: MA70156, collected by A.W.B. Powell in August 1933, from the Late Pleistocene (Haweran) Te Piki Member, Waipaoa Formation, from a road-cutting approximately 6 km east of Whangaparaoa (Cape Runaway), Bay of Plenty, New Zealand.

Paratypes: MA72600, seven specimens, from the type locality.

Current name: *Turbonilla pliocenica* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Chemnitzia raptor* Laws, 1937

Laws, C.R., 1937b, p. 55, pl. 13, fig. 8.

Holotype: MA72044, collected from the Middle Pleistocene (Castlecliffian), Cape Kidnappers, Hawke's Bay, New Zealand.

Paratypes: MA72601, two specimens, from the type locality.

Current name: *Turbonilla raptor* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Chemnitzia raptor hamiltoni* Laws, 1937

Laws, C.R., 1937b, p. 55, not figured.

Holotype: MA72045, collected from the Middle Pleistocene (Castlecliffian), Cape Kidnappers, Hawke's Bay, New Zealand.

Paratype: MA72602, one specimen, from the type locality.

Current name: *Turbonilla raptor* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

***Chemnitzia scala* Laws, 1937**

Laws, C.R., 1937b, p. 65, pl. 14, figs 26, 38.

Holotype: MA70157, collected from 91 m (50 fathoms) depth, off Oamaru, Otago, New Zealand.

Current name: *Turbonilla scala* (Laws, 1937) – MolluscaBase (2023).

***Chemnitzia stipes* Laws, 1937**

Laws, C.R., 1937b, p. 59, pl. 14, figs 24, 41.

Holotype: MA70158, collected from 183 m (100 fathoms) depth, off Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Turbonilla stipes* (Laws, 1937) – MolluscaBase (2023).

† ***Chemnitzia sycophanta* Laws, 1937**

Laws, C.R., 1937b, p. 69, pl. 14, figs 25, 31.

Holotype: MA70159, collected from middle Miocene (Lillburnian?) of the Park Bluff Sandstone, from ‘New road cutting about half a mile behind racecourse’ [now the golf course], Clifden, Southland, New Zealand.

Current name: *Turbonilla sycophanta* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

***Chemnitzia vegrandis* Laws, 1937**

Laws, C.R., 1937b, pp. 59, 60, pl. 13, fig. 21.

Holotype: MA70160, collected from 5 m (3 fathoms) depth, Otago Harbour, Otago, New Zealand.

Paratypes: MA72606, eight specimens, from the type locality.

Current name: *Turbonilla vegrandis* (Laws, 1937) – MolluscaBase (2023).

***Chemnitzia verecunda* Laws, 1937**

Laws, C.R., 1937b, p. 55, pl. 13, fig. 6.

Holotype: MA70161, collected from shell sand, from 5–7 m (3–4 fathoms) depth, off Takapuna, Auckland, New Zealand.

Remarks: Shell almost completely destroyed by glass disease and only the dried animal remains.

Current name: *Turbonilla verecunda* (Laws, 1937) – MolluscaBase (2023).

***Chemnitzia vigilia* Laws, 1937**

Laws, C.R., 1937b, p. 63, pl. 13, fig. 4.

Holotype: MA72046, collected from 11–18 m (6–10 fathoms) depth, west of Great Barrier Island, Auckland, New Zealand.

Current name: *Turbonilla vigilia* (Laws, 1937) – MolluscaBase (2023).

***Chemnitzia waitemata* Laws, 1937**

Laws, C.R., 1937b, p. 58, pl. 13, fig. 19.

Holotype: MA70162, collected from Takapuna Beach, Auckland, New Zealand.

Current name: *Turbonilla waitemata* (Laws, 1937) – MolluscaBase (2023).

***Chemnitzia zealandica axivarians* Laws, 1937**

Laws, C.R., 1937b, p. 61, not figured.

Syntypes: MA70163, three specimens, collected from Lyall Bay, Wellington, New Zealand.

Remarks: Laws (1937b) did not figure or provide measurements for a type specimen.

Current name: *Turbonilla zealandica* F.W. Hutton, 1873 – MolluscaBase (2023).

† ***Costosyrnola tabulata* Laws, 1937**

Laws, C.R., 1937d, p. 314, pl. 44, fig. 19.

Holotype: MA70213, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at White Rock River, south Canterbury, New Zealand.

Paratypes: MA72802, 13 specimens, from the type locality.

Current name: *Costosyrnola tabulata* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† ***Costosyrnola waikaia* Laws, 1937**

Laws, C.R., 1937d, pp. 314, 315, pl. 44, fig. 15.

Holotype: MA70214, collected from the late Oligocene (Duntroonian) Chatton Formation, Waikaia, Southland, New Zealand.

Current name: *Costosyrnola waikaia* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† ***Egila arcuata* Laws, 1941**

Laws, C.R., 1941a, p. 14, pl. 1, fig. 2.

Holotype: MA70963, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Current name: *Egila arcuata* Laws, 1941 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† ***Eulimella alpha* Laws, 1938**

Laws, C.R., 1938, p. 53, pl. 9, fig. 6.

Holotype: MA70292, collected from the middle Eocene (Bortonian) Hampden Formation, near Kakaho Creek, Hampden Beach, Otago, New Zealand.

Current name: *Eulimella alpha* Laws, 1938 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

***Eulimella aupouria* Powell, 1937**

Powell, A.W.B., 1937b, p. 210, pl. 54, fig. 9.

Holotype: Repository not located.

Paratypes: MA72290, one specimen, collected by A.W.B. Powell on 17 August 1932, from the type locality,

station 934, RRS *Discovery II* cruise, in 92 m depth, off Manawatāwhi/Three Kings Islands, New Zealand.

Remarks: Specimen affected by glass disease.

Current name: *Terelimella aupouria* (Powell, 1937) – MolluscaBase (2023).

† *Eulimella beta* Laws, 1938

Laws, C.R., 1938, p. 53, pl. 9, fig. 15.

Holotype: MA70293, collected from the middle Eocene (Bortonian) Hampden Formation, near Kakaho Creek, Hampden Beach, Otago, New Zealand.

Current name: *Eulimella beta* Laws, 1938 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Eulimella coena Webster, 1905

Webster, W.H., 1905, p. 279, pl. 9, fig. 11a.

Holotype: MA70294, collected from Takapuna Beach, Auckland, New Zealand.

Remarks: Specimen badly affected by glass disease.

Current name: *Eulimella coena* Webster, 1905 – MolluscaBase (2023).

† *Eulimella coxi* Laws, 1938

Laws, C.R., 1938, p. 56, pl. 9, fig. 1.

Holotype: MA70295, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at White Rock River, south Canterbury, New Zealand.

Current name: *Eulimella coxi* Laws, 1938 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Eulimella larga* Laws, 1938

Laws, C.R., 1938, pp. 55, 56, pl. 9, fig. 11.

Holotype: MA70296, assumed to have been collected by C.R. Laws, from the early Miocene (Altonian) of the Mount Harris Formation, ‘Old Rifle Butts’, coast south of Cape Wanbrow, Oamaru, Otago, New Zealand.

Current name: *Eulimella larga* Laws, 1938 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Eulimella larochei Powell, 1930

Powell, A.W.B., 1930b, pp. 544, 545, pl. 88, fig. 22.

Holotype: MA70297, collected by W. La Roche in 1922, from 11–18 m (6–10 fathoms) depth, ‘Mangonui Heads’, Doubtless Bay, New Zealand.

Paratypes: MA71989, five specimens, from the type locality.

Remarks: All specimens affected by glass disease.

Current name: *Terelimella larochei* (Powell, 1930) – MolluscaBase (2023).

Evalea plana Laws, 1941

Laws, C.R., 1941a, p. 21, pl. 2, fig. 17.

Holotype: MA70984, collected [by J. Bollons], from 91 m (50 fathoms) depth, off Snares Islands/Tini Heke Islands, New Zealand.

Paratype: MA72684, one specimen, from the type locality.

Current name: *Evalea plana* Laws, 1941 – MolluscaBase (2023).

Evalea propria Laws, 1941

Laws, C.R., 1941a, p. 22, pl. 2, fig. 24.

Holotype: MA70985, collected from Otago Harbour, Otago, New Zealand.

Current name: *Evalea propria* Laws, 1941 – MolluscaBase (2023).

† *Evelynella doliella* Laws, 1940

Laws, C.R., 1940c, p. 155, pl. 14, fig. 13.

Holotype: MA70309, collected from middle Miocene (Clifdenian) Slip Point Sandstone, [Finlay’s bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA73685, one specimen, from the type locality.

Current name: *Megastomia doliella* (Laws, 1940) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Evelynella sinemacula* Laws, 1940

Laws, C.R., 1940c, p. 154, pl. 14, fig. 16.

Holotype: MA70310, collected from the late Oligocene (Duntroonian) Chatton Formation, Chatton, Southland, New Zealand.

Paratype: MA72632, three specimens, from the type locality.

Current name: *Megastomia sinemacula* (Laws, 1940) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Evelynella venustas* Laws, 1940

Laws, C.R., 1940c, pp. 153, 154, pl. 14, fig. 19.

Holotype: MA70311, collected from middle Miocene (Clifdenian) Slip Point Sandstone, [Finlay’s bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Megastomia venusta* (Laws, 1940) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Finlayola angulifera* Laws, 1937

Laws, C.R., 1937d, pp. 312, 313, pl. 44, fig. 18.

Holotype: MA70324, collected [by C.R. Laws], from middle Miocene (Clifdenian) Slip Point Sandstone, [Finlay’s bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Finlayola angulifera* Laws, 1937 – Robba (2013: 77); MolluscaBase (2023).

† *Finlayola finlayi* Laws, 1937

Laws, C.R., 1937d, pp. 311, 312, pl. 44, fig. 12.

Holotype: MA70325, collected from the early Miocene (Altonian) of the Mount Harris Formation near Pukeuri (near Oamaru), Otago, New Zealand.

Current name: *Finlayola finlayi* Laws, 1937 – Robba (2013: 77); MolluscaBase (2023).

† *Finlayola otaioensis* Laws, 1937

Laws, C.R., 1937d, p. 312, pl. 43, fig. 7.

Holotype: MA70326, collected from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Paratypes: MA72801, five specimens, from the type locality.

Current name: *Finlayola otaioensis* Laws, 1937 – Robba (2013: 77); MolluscaBase (2023).

† *Finlayola waiauica* Laws, 1937

Laws, C.R., 1937d, p. 313, pl. 44, fig. 16.

Holotype: MA70328, assumed to have been collected by C.R. Laws, from early Miocene (Altonian) Calamity Point Sandstone, [Finlay's bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA72806, five specimens, from the type locality.

Current name: *Syrnola waiauica* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Gispyrella finlayi* Laws, 1937

Laws, C.R., 1937c, pp. 181, 182, pl. 34, fig. 9.

Holotype: MA70339, collected from the early Miocene (Altonian) of the Mount Harris Formation near Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72611, three specimens, from the type locality.

Current name: *Gispyrella finlayi* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Gispyrella hemiorycta* Laws, 1937

Laws, C.R., 1937c, pp. 182, 183, pl. 34, fig. 7.

Holotype: MA70340, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72613, six specimens, from the type locality.

Current name: *Gispyrella hemiorycta* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Gispyrella spatha* Laws, 1937

Laws, C.R., 1937c, p. 182, pl. 34, fig. 14.

Holotype: MA70341, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72612, three specimens, from the type locality.

Current name: *Gispyrella spatha* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Ividella maoria Powell, 1940

Powell, A.W.B., 1940, p. 233, pl. 29, fig. 5.

Holotype: MA72073, dredged by J. Bollons, from 91 m (50 fathoms) depth, between Piwhane/Spirits Bay and Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Ividella maoria* Powell, 1940 – MolluscaBase (2023).

† *Levipyrulina marginata* Laws, 1941

Laws, C.R., 1941a, p. 17, fig. 6.

Holotype: MA71007, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Current name: *Levipyrulina marginata* Laws, 1941 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Levipyrulina sulcata* Laws, 1941

Laws, C.R., 1941a, pp. 17, 18, fig. 23.

Holotype: MA71008* (missing), assumed to have been collected by C.R. Laws, from early Miocene (Altonian) Calamity Point Sandstone, [Finlay's bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Remarks: The specimen has not been seen since at least 1995.

Current name: *Levipyrulina sulcata* Laws, 1941 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Linopyrga junior* Laws, 1941

Laws, C.R., 1941a, p. 9, pl. 2, fig. 22.

Holotype: MA71009, collected from middle Miocene (Clifdenian) Slip Point Sandstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Linopyrga junior* Laws, 1941 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Linopyrga sanguis* Laws, 1941

Laws, C.R., 1941a, p. 10, pl. 1, fig. 9.

Holotype: MA71010, collected from middle Miocene (Lillburnian) Lill Sand, [Finlay's bed 7A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Linopyrga sanguis* Laws, 1941 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Mormula awakinoensis* Laws, 1937

Laws, C.R., 1937c, pp. 177, 178, pl. 35, fig. 29.

Holotype: MA70488, collected by C.R. Laws, from the early Miocene (Otaian) Mahoenui Formation, from 'road cutting about five miles [8 km] downstream from Mahoenui' (Fleming 1972: 178), Mahoenui, Waikato, New Zealand.

Current name: *Mormulasta awakinoensis* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Mormula laevigata* Laws, 1937

Laws, C.R., 1937c, pp. 178, 179, pl. 35, figs 20, 25.

Holotype: MA70489, collected from the early Miocene (Altonian) Mount Brown Formation, Weka Pass, Canterbury, New Zealand.

Current name: *Mormulasta laevigata* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Mormula locuples* Laws, 1937

Laws, C.R., 1937c, pp. 176, 177, pl. 35, fig. 19.

Holotype: MA70490, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72819, 23 specimens, from the type locality.

Current name: *Mormulasta locuples* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Odostomia aucklandica Laws, 1939

Laws, C.R., 1939, pp. 205, 206, pl. 18, fig. 28.

Holotype: MA70559, collected by [J. Bollons], Faith [North] Harbour, Auckland Islands, New Zealand.

Paratypes: MA72635, five specimens, from the type locality.

Current name: *Odostomia aucklandica* Laws, 1939 – MolluscaBase (2023).

† *Odostomia awatumida* Laws, 1939

Laws, C.R., 1939, p. 195, pl. 17, fig. 13.

Holotype: MA70560, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at White Rock River, south Canterbury, New Zealand.

Current name: *Odostomia awatumida* Laws, 1939 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Odostomia awatumida convexa* Laws, 1939

Laws, C.R., 1939, p. 195, not figured.

Holotype: MA70561, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at White Rock River, south Canterbury, New Zealand.

Current name: *Odostomia awatumida* Laws, 1939 – MolluscaBase (2023).

† *Odostomia bartrumi* Laws, 1939

Laws, C.R., 1939, p. 196, pl. 16, fig. 1.

Holotype: GNS TM 1402

Paratypes: MA73184, five specimens, collected from the type locality, early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Odostomia bartrumi* Laws, 1939 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Odostomia biangulata* Laws, 1939

Laws, C.R., 1939, p. 208, pl. 18, fig. 23.

Holotype: MA70562, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Current name: *Odostomia biangulata* Laws, 1939 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Odostomia castlecliffensis* Laws, 1939

Laws, C.R., 1939, p. 204, pl. 18, fig. 21.

Holotype: MA70563, collected from the Early–Middle Pleistocene (Castlecliffian) at Castlecliff, Manawatū–Whanganui, New Zealand.

Current name: *Odostomia castlecliffensis* Laws, 1939 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Odostomia chattonensis* Laws, 1939

Laws, C.R., 1939, pp. 194, 195, pl. 17, fig. 20.

Holotype: MA70564, collected from the late Oligocene (Duntroonian) Chatton Formation, Chatton, Southland, New Zealand.

Paratype: MA72629, one specimen, from the type locality.

Current name: *Odostomia chattonensis* Laws, 1939 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Odostomia graviapicalis* Laws, 1939

Laws, C.R., 1939, p. 209, pl. 18, fig. 22.

Holotype: MA70565, assumed to have been collected by C.R. Laws, from early Miocene (Altonian) Calamity Point Sandstone, [Finlay's bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Odostomia graviapicalis* Laws, 1939 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Odostomia haurakiensis Laws, 1939

Laws, C.R., 1939, p. 204, pl. 18, fig. 24.

Holotype: MA70566, dredged from 51 m (28 fathoms) depth, Hauraki Gulf, Auckland, New Zealand.

Current name: *Odostomia haurakiensis* Laws, 1939 – MolluscaBase (2023).

Odostomia manukauensis Laws, 1939

Laws, C.R., 1939, p. 208, pl. 18, fig. 30.

Holotype: MA70567, collected [by W.H. Webster], from Orua Bay, Manukau Harbour, Auckland, New Zealand.

Current name: *Odostomia manukauensis* Laws, 1939 – MolluscaBase (2023).

† *Odostomia obstinata* Laws, 1939

Laws, C.R., 1939, pp. 193, 194, pl. 17, fig. 11.

Holotype: MA70568, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Current name: *Odostomia obstinata* Laws, 1939 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Odostomia parvacutangula Laws, 1939

Laws, C.R., 1939, p. 207, pl. 18, fig. 25.

Holotype: MA70569, dredged from the type locality by J. Bollons, from 174 m (95 fathoms) depth, 22.5 km (14 miles) north of Auckland Islands, New Zealand.

Current name: *Odostomia parvacutangula* Laws, 1939 – MolluscaBase (2023).

***Odostomia pervaga* Laws, 1939**

Laws, C.R., 1939, p. 197, pl. 17, fig. 14.

Holotype: MA70570, collected from shell sand, Takapuna, Auckland, New Zealand.

Current name: *Odostomia pervaga* Laws, 1939 – MolluscaBase (2023).

†*Odostomia turneri* Laws, 1939

Laws, C.R., 1939, p. 202, pl. 17, fig. 16.

Holotype: MA70571, collected from the Early–Middle Pleistocene (Castlecliffian) at Castlecliff, Manawātū-Whanganui, New Zealand.

Paratype: MA72630, one specimen, from the type locality.

Current name: *Odostomia turneri* Laws, 1939 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

***Odostomia vaga* Laws, 1939**

Laws, C.R., 1939, p. 199, pl. 17, fig. 18.

Holotype: MA70572, collected from 91 m (50 fathoms) depth, off Oamaru, Otago, New Zealand.

Paratype: MA72631, one specimen, collected from Orua Bay, Manukau Harbour, Auckland, New Zealand.

Current name: *Odostomia vaga* Laws, 1939 – MolluscaBase (2023).

†*Odostomia waitakiensis* Laws, 1939

Laws, C.R., 1939, p. 201, pl. 16, fig. 4.

Holotype: MA70573, collected from the late Oligocene/early Miocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Current name: *Odostomia waitakiensis* Laws, 1939 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

†*Pukeuria anaglypta* Laws, 1941

Laws, C.R., 1941a, p. 11, pl. 2, fig. 25.

Holotype: MA71104, collected from the early Miocene (Altonian) of the Mount Harris Formation near Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA73181, nine specimens, from the type locality.

Current name: *Pukeuria anaglypta* Laws, 1941 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

***Puposyrnola missile* Laws, 1937**

Laws, C.R., 1937d, pp. 308, 309, pl. 43, fig. 8.

Holotype: MA70651, collected from 46 m (25 fathoms) depth, off Hen and Chickens Islands, Northland, New Zealand.

Paratype: MA72628, one specimen, from the type locality.

Current name: *Puposyrnola missile* Laws, 1937 – MolluscaBase (2023).

†*Puposyrnola stirps* Laws, 1937

Laws, C.R., 1937d, p. 309, pl. 43, fig. 11.

Holotype: MA70652, collected by C.R. Laws, from middle Miocene (Clifdenian) Slip Point Sandstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Puposyrnola stirps* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

†*Pyrgiscilla adeps* Laws, 1937

Laws, C.R., 1937c, pp. 174, 175, pl. 34, fig. 8.

Holotype: MA70655, collected from the middle Eocene (Bortonian) Hampden Formation, near Kakaho Creek, Hampden Beach, Otago, New Zealand.

Current name: *Pyrgiscus adeps* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); Robba (2013: 91); MolluscaBase (2023).

***Pyrgiscilla otakaica* Laws, 1937**

Laws, C.R., 1937c, p. 175, pl. 34, figs 2, 4.

Holotype: MA70656, collected from 4–7 m (2–4 fathoms) depth, Otago Harbour, Otago, New Zealand.

Paratypes: MA72805, 14 specimens, from the type locality.

Current name: *Pyrgiscus otakaicus* (Laws, 1937) – Robba (2013: 91); MolluscaBase (2023).

†*Pyrgiscilla otoconsors* Laws, 1937

Laws, C.R., 1937c, p. 174, pl. 34, fig. 1.

Holotype: MA70657, collected from the late Oligocene (Duntroonian) Chatton Formation, Chatton, Southland, New Zealand.

Paratype: MA73686, one specimen, from the type locality.

Current name: *Pyrgiscus otoconsors* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); Robba (2013: 91); MolluscaBase (2023).

†*Pyrgiscus abjunctus* Laws, 1937

Laws, C.R., 1937c, p. 171, pl. 34, fig. 13.

Holotype: MA70658, collected from the early Miocene (Altonian) of the Mount Harris Formation near Pukeuri (near Oamaru), Otago, New Zealand.

Current name: *Pyrgiscus abjunctus* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

†*Pyrgolampros albolapis* Laws, 1937

Laws, C.R., 1937c, pp. 168, 169, pl. 35, fig. 30.

Holotype: MA70659, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at White Rock River, south Canterbury, New Zealand.

Paratypes: MA72616, 18 specimens, from the type locality.

Current name: *Turbonilla albolapis* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

†*Pyrgolampros evelynae* Laws, 1937

Laws, C.R., 1937c, pp. 167, 168, pl. 35, fig. 16.

Holotype: MA70660, collected by C.R. Laws, from middle Miocene (Clifdenian) Slip Point Sandstone on the true left bank of the river, [Park's (?) bed C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratype: MA72614, one specimen, from the type locality.

Current name: *Turbonilla evelynae* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

†*Pyrgolampros semilaevigata* Laws, 1937

Laws, C.R., 1937c, p. 168, pl. 35, fig. 17.

Holotype: MA70661, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at White Rock River, south Canterbury, New Zealand.

Paratypes: MA72615, 27 specimens, from the type locality.

Current name: *Turbonilla semilaevigata* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

†*Pyrgulina latocorrugata* Laws, 1941

Laws, C.R., 1941a, pp. 13, 14, pl. 1, fig. 3.

Holotype: MA71105, collected from early Miocene (Altonian) Calamity Point Sandstone, [Finlay's bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Pyrgulina latocorrugata* Laws, 1941 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Pyrgulina subrugata Powell, 1927

Powell, A.W.B., 1927a, p. 118, pl. 22, fig. 6.

Holotype: CM M5369

Paratypes: MA72345, two specimens, dredged by a private scientific party in December 1908, from the type locality, off the steamer *Rakiura* in 311 m (170 fathoms) depth, off Puysegur Point, Southland, New Zealand.

Current name: *Besla subrugata* (Powell, 1927) – MolluscaBase (2023).

†*Scalenostoma southlandica* Laws, 1940

Laws, C.R., 1940c, p. 158, pl. 13, fig. 5.

Holotype: MA70686, collected from middle Miocene (Clifdenian) Slip Point Sandstone, [Finlay's bed 6C (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Paratypes: MA72633, four specimens, from the type locality.

Current name: *Parodostomia southlandica* (Laws, 1940) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Striarcana cryptolira Laws, 1937

Laws, C.R., 1937c, p. 180, pl. 35, figs 18, 23.

Holotype: MA70731, collected from Lyall Bay, Wellington, New Zealand.

Current name: *Striarcana cryptolira* Laws, 1937 – MolluscaBase (2023).

Striarcana tauranga Laws, 1937

Laws, C.R., 1937c, p. 180, pl. 35, figs 22, 27.

Holotype: MA72144, assumed to have been collected by A.W.B. Powell, from Pilot Bay, Tauranga, Bay of Plenty, New Zealand.

Current name: *Striarcana tauranga* Laws, 1937 – MolluscaBase (2023).

†*Striodostomia kaawa* Laws, 1940

Laws, C.R., 1940c, p. 157, pl. 14, fig. 14.

Holotype: GNS TM 1432

Paratype: MA72634, one specimen, collected from the type locality, the early Pliocene (Opoitian) of the Kaawa Formation south of Kaawa Creek mouth, south of Port Waikato, Waikato, New Zealand.

Current name: *Striodostomia kaawa* Laws, 1940 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

†*Striodostomia waikaia* Laws, 1940

Laws, C.R., 1940c, p. 157, pl. 14, fig. 15.

Holotype: MA70733, collected from the late Oligocene (Duntroonian) Chatton Formation, Waikaia, Southland, New Zealand.

Current name: *Striodostomia waikaia* Laws, 1940 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2022).

Strioturbonilla taiaroa Laws, 1937

Laws, C.R., 1937c, p. 170, pl. 34, figs 10, 12.

Holotype: MA70734, collected from 132 m (72 fathoms) depth, off Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratypes: MA72609, two specimens, from the type locality.

Current name: *Pyrgiscus taiaroa* (Laws, 1937) – MolluscaBase (2023).

Syrnola crawfordi Powell, 1927

Powell, A.W.B., 1927e, pp. 297, 298, pl. 34, fig. 2.

Holotype: MA72149, dredged by D. Crawford of the *ST Serfib* in July 1925, from 42 m (23 fathoms) depth, Ahipara Bay, Northland, New Zealand.

Current name: *Syrnola crawfordi* Powell, 1927 – MolluscaBase (2023).

†*Syrnola irrevocata* Laws, 1937

Laws, C.R., 1937d, p. 306, pl. 43, fig. 1.

Holotype: MA70745, from the Early Pleistocene

(Nukumaruan) Petane Formation, Petane, Hawke's Bay, New Zealand.

Current name: *Syrnola irrevocata* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Syrnola lawsi* Powell, 1934

Powell, A.W.B., 1934a, p. 266, pl. 57, figs 1, 2.

Holotype: MA70746, collected by A.W.B. Powell in August 1933, from the Late Pleistocene (Haweran) Te Piki Member, Waipaoa Formation, from a road-cutting approximately 6 km east of Whangaparaoa (Cape Runaway), Bay of Plenty, New Zealand.

Paratypes: MA72427, two specimens, from the type locality.

Current name: *Tibersyrnola lawsi* (Powell, 1934) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Syrnola menda Finlay, 1926

Finlay, H.J. 1926b, p. 405, pl. 19, figs 50, 51.

Holotype: MA70747, collected from 70 m (38 fathoms) depth, off Cuvier Island, Waikato, New Zealand.

Paratype: MA72535, one specimen, from the type locality.

Current name: *Syrnola menda* Finlay, 1926 – MolluscaBase (2023).

† *Syrnola sculptilis* Laws, 1937

Laws, C.R., 1937d, p. 307, pl. 43, fig. 3.

Holotype: MA70748, from the early Miocene (Altonian) of the Mount Harris Formation near Ardgowan, northwest of Oamaru, New Zealand.

Current name: *Syrnola sculptilis* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Syrnola sulcifera* Laws, 1937

Laws, C.R., 1937d, p. 307, pl. 43, fig. 9.

Holotype: MA70749, collected from middle Miocene (Waiauan) of the Park Bluff Sandstone, from 'new road cutting behind racecourse' [now the golf course], Clifden, Southland, New Zealand.

Paratypes: MA72627, three specimens, from the type locality.

Current name: *Syrnola sulcifera* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Syrnola tepikiensis* Powell, 1934

Powell, A.W.B., 1934a, pp. 266, 267, pl. 57, fig. 3.

Holotype: MA70750, collected by A.W.B. Powell in August 1933, from the Late Pleistocene (Haweran) Te Piki Member, Waipaoa Formation, from a road-cutting approximately 6 km east of Whangaparaoa (Cape Runaway), Bay of Plenty, New Zealand.

Current name: *Tibersyrnola tepikiensis* (Powell, 1934) – MolluscaBase (2023).

† *Terelimella hutchinsoniana* Laws, 1938

Laws, C.R., 1938, pp. 58, 59, pl. 9, fig. 5.

Holotype: MA70760, assumed to have been collected by C.R. Laws, from early Miocene (Altonian) Calamity Point Sandstone, [Finlay's bed 6A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Terelimella hutchinsoniana* Laws, 1938 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Terelimella ototarana* Laws, 1938

Laws, C.R., 1938, p. 58, pl. 9, fig. 13.

Holotype: MA70761, collected from the late Oligocene (Duntroonian) Chatton Formation, Chatton, Southland, New Zealand.

Current name: *Terelimella ototarana* Laws, 1938 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Tibersyrnola inexpectata* Laws, 1937

Laws, C.R., 1937d, p. 310, pl. 43, fig. 10.

Holotype: MA70767, from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Current name: *Tibersyrnola inexpectata* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Turbonilla agrestis* Laws, 1937

Laws, C.R., 1937a, p. 410, pl. 32, figs 1, 1a.

Holotype: MA70786, collected by H.J. Finlay, from middle Eocene (Kaiatan) Waihao Greensand at McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Current name: *Turbonilla paleogenica* Corgan, 1969 – Corgan (1969: 574); MolluscaBase (2023).

† *Turbonilla arcana* Laws, 1937

Laws, C.R., 1937a, p. 413, pl. 32, fig. 5.

Holotype: MA70788, collected from middle Eocene (Bortonian) Waihao Greensand, Waihao Downs, Canterbury, New Zealand.

Current name: *Turbonilla arcana* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Turbonilla awamoana* Laws, 1937

Laws, C.R., 1937a, pp. 411, 412, pl. 32, fig. 3.

Holotype: MA70789, collected from the early Miocene (Altonian), Mount Harris Formation, Awamo Creek, Oamaru, Otago, New Zealand.

Current name: *Turbonilla awamoana* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Turbonilla awasimulans* Laws, 1937

Laws, C.R., 1937a, p. 415, pl. 32, fig. 11.

Holotype: MA70790, collected from the early Miocene (Altonian) of the Mount Harris Formation near Pukeuri

(near Oamaru), Otago, New Zealand.

Current name: *Turbonilla awasimulans* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Turbonilla clifdenica* Laws, 1937

Laws, C.R., 1937a, p. 416, pl. 33, fig. 20.

Holotype: MA70792, collected from middle Miocene (Clifdenian) Nga Pari Formation on the true left bank of the river, [Bed A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Turbonilla clifdenica* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Turbonilla comitas* Laws, 1937

Laws, C.R., 1937a, p. 412, pl. 32, fig. 4.

Holotype: MA70793, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72617, two specimens, from the type locality.

Current name: *Turbonilla comitas* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Turbonilla eques Laws, 1937

Laws, C.R., 1937a, p. 415, pl. 33, fig. 24.

Holotype: MA70794, dredged by J. Bollons, from 110 m (60 fathoms) depth, off the Poor Knights Islands, Northland, New Zealand.

Paratype: MA72620, one specimen, from the type locality.

Current name: *Turbonilla eques* Laws, 1937 – MolluscaBase (2023).

† *Turbonilla erratica* Laws, 1937

Laws, C.R., 1937a, p. 421, pl. 33, fig. 21.

Holotype: MA70795, collected from the early Miocene (Altonian) of the Mount Harris Formation near Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72624, eight partial specimens, from the type locality.

Current name: *Turbonilla erratica* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Turbonilla finlayi Powell, 1926

Powell, A.W.B., 1926b, pp. 594, 596, pl. 104.

Holotype: MA72302, collected by W. La Roche, from beach wash-up, Rangaunu Bay, Northland, New Zealand.

Paratypes: MA72303, two specimens; MA72304, two specimens; all from the type locality.

Current name: *Turbonilla finlayi* Powell, 1926 – MolluscaBase (2023).

Turbonilla haroldi Laws, 1937

Laws, C.R., 1937a, p. 420, pl. 33, fig. 14.

Holotype: MA70796, collected from 91 m (50 fathoms) depth, off Oamaru, Otago, New Zealand.

Paratypes: MA72622, six specimens, from the type locality.

Current name: *Turbonilla haroldi* Laws, 1937 – MolluscaBase (2023).

† *Turbonilla macies* Laws, 1937

Laws, C.R., 1937a, p. 417, pl. 33, fig. 15.

Holotype: MA70797, collected from the early Miocene (Altonian) Long Beach Shellbed, [Finlay's bed 6B (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Turbonilla macies* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Turbonilla moorei Laws, 1937

Laws, C.R., 1937a, p. 419, pl. 33, fig. 16.

Holotype: GNS TM 1429

Paratypes: MA72621, six specimens, collected from the type locality, off Otago Heads [Taiaroa Head], from 73–128 m (40–70 fathoms) depth, Otago, New Zealand.

Current name: *Turbonilla moorei* Laws, 1937 – MolluscaBase (2021).

† *Turbonilla natales* Laws, 1937

Laws, C.R., 1937a, pp. 417, 418, pl. 33, fig. 19.

Holotype: MA70798, collected from middle Miocene (Clifdenian) Slip Point Sandstone, [R.S. Allan's bed A (for correlation see Fleming *et al.* 1969)], Clifden, Southland, New Zealand.

Current name: *Turbonilla natales* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Turbonilla oamarua* Laws, 1937

Laws, C.R., 1937a, pp. 411, 412, not figured.

Holotype: MA70799, **Plate 10h**, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratype: MA70768, one specimen, from the type locality.

Current name: *Turbonilla oamarua* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Turbonilla powelli Bucknill, 1924

Bucknill, C.E.R., 1924, p. 122, fig. p. 122.

Holotype: MA72926, collected by C.E.R. Bucknill, from under a stone at low tide, 'Pilot Bay', Mount Maunganui, Bay of Plenty, New Zealand.

Paratypes: MA72927, three specimens, from the type locality.

Current name: *Turbonilla powelli* Bucknill, 1924 – MolluscaBase (2023).

† *Turbonilla pukeuriensis* Laws, 1937

Laws, C.R., 1937a, pp. 410, 411, pl. 32, figs 2, 9.

Holotype: MA70800, collected from the early Miocene (Altonian) of the Mount Harris Formation near Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72610, five specimens, from the type locality.

Current name: *Turbonilla pukeuriensis* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Turbonilla separabilis* Laws, 1937

Laws, C.R., 1937a, p. 414, pl. 32, fig. 8.

Holotype: MA70801, collected from the early Miocene (Altonian) Target Gully Shellbed, Mount Harris Formation, Glen Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72619, two specimens, from the type locality.

Current name: *Turbonilla separabilis* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Turbonilla speighti* Laws, 1937

Laws, C.R., 1937a, pp. 413, 414, pl. 32, fig. 7.

Holotype: MA70802, from the early Miocene (Otaian) Mount Harris Formation, Blue Cliffs, Otaio River, Canterbury, New Zealand.

Paratypes: MA72618, two specimens, from the type locality.

Current name: *Turbonilla speighti* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

† *Turbonilla stoneleighana* Laws, 1937

Laws, C.R., 1937a, p. 421, pl. 32, fig. 12.

Holotype: GNS TM 1418

Paratypes: MA70803, one specimen; MA72623, five specimens and one fragment; all from the type locality, Early Pleistocene (Nukumaruan), Petane, Hawke's Bay, New Zealand.

Current name: *Turbonilla stoneleighana* Laws, 1937 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Turbonilla suteri Powell, 1926

Powell, A.W.B., 1926a, p. 47, pl. 5, figs 4, 5.

Holotype: MA72157, collected from 146 m (80 fathoms) depth, off Five Fingers Peninsula, Resolution Island, Southland, New Zealand.

Current name: *Turbonilla suteri* Powell, 1926 – MolluscaBase (2023).

† *Turbonilla tahuensis* Laws, 1937

Laws, C.R., 1937a, pp. 412, 413, pl. 32, fig. 10.

Holotype: MA70804, collected by R.S. Allan, from middle Eocene (Kaiatan) Waihao Greensand at McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Current name: *Mormulasta tahuensis* (Laws, 1937) – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Turbonilla (Chemnitzia) aoteana Powell, 1930

Powell, A.W.B., 1930b, p. 545, pl. 87, fig. 15.

Holotype: MA70787, collected by W. La Roche in 1924, from 11–18 m (6–10 fathoms) depth, off the western coast of Great Barrier Island, Auckland, New Zealand.

Paratypes: MA71988, three specimens, from the type locality.

Remarks: The holotype and paratype specimens have been destroyed by glass disease.

Current name: *Turbonilla aoteana* Powell, 1930 – MolluscaBase (2023).

† *Waikura circumdata* Laws, 1941

Laws, C.R., 1941a, pp. 15, 16, pl. 1, fig. 5.

Holotype: MA71148, collected from the early Miocene (Altonian) Southburn Sand at White Rock River, south Canterbury, New Zealand.

Paratypes: MA72854, five specimens, from the type locality.

Current name: *Waikura circumdata* Laws, 1941 – Maxwell in: Spencer *et al.* (2009: 251); MolluscaBase (2023).

Order uncertain

Superfamily LYMNÆOIDEA

Family PLANORBIDAE

Planorbis kahuica Finlay & Laws, 1931

Finlay, H.J. and C.R. Laws, 1931, pp. 23–25, figs 1–3.

Holotype: MA70626, collected by C.S.M. Hopkirk, from raupō swamp and dam, Rissington, Hawke's Bay, New Zealand.

Paratypes: MA72597, 42 specimens, from the type locality.

Current name: *Gyraulus kahuica* (Finlay & Laws, 1931) – MolluscaBase (2023).

Order ELLOBIIDA

Superfamily ELLOBIOIDEA

Family ELLOBIIDAE

Rangitotoa insularis Powell, 1933

Powell, A.W.B., 1933f, p. 149, figs 1, 5, 6.

Holotype: MA70663, collected by A.W.B. Powell on 12 March 1930, on the underside of stones near the high-tide mark, from near the 'Beacon', Rangitoto Island, Auckland, New Zealand.

Paratypes: MA72417, seven specimens, from the type locality.

Current name: *Microtralia insularis* (Powell, 1933) – MolluscaBase (2023).

***Marinula chathamensis* Finlay, 1928**

Finlay, H.J., 1928, p. 259, pl. 41, figs 36, 37.

Holotype: MA70439, presumed to have been collected in early 1924 by a member of the Otago Institute Expedition, Chatham Islands, New Zealand.

Paratype: MA72561, one specimen, from the type locality.

Remarks: See *Lasaea rossiana vexata* Finlay, 1928 (MA70389) for further comments on provenance.

Current name: *Marinula filholi* F.W. Hutton, 1878 – MolluscaBase (2023).

Order STYLOMMATOPHORA**Superfamily STREPTAXOIDEA****Family STREPTAXIDAE*****Opeas angustior* Preston, 1911**

Preston, H.B., 1911, p. 475, pl. 12, fig. 33.

Syntypes: NHM 1911.10.12.175-176 (ecatalogue 2858368), two specimens.

Syntypes: MA73233, two whole shells and two fragmented shells, from the type locality, between Rumuti and Mount Kenya, Kenya.

Remarks: The specimens held by AM were labelled historically as paratypes. However, the two specimens held by NHM are registered as cotypes [syntypes], and therefore the AM specimens must also be treated as syntypes.

Current name: *Streptostele angustior* (Preston, 1911) – MolluscaBase (2023).

Superfamily PUNCTOIDEA**Family PUNCTIDAE*****Egestula spectabilis* Powell, 1928**

Powell, A.W.B., 1928b, p. 366, pl. 54, figs 3, 4.

Holotype: MA70254, collected by F.P. Worley and F. Worley in 1897, from Nelson, New Zealand.

Paratypes: MA71480, three specimens, from the type locality.

Current name: *Obanella spectabilis* (Powell, 1928) – MolluscaBase (2023).

***Flammulina sorenseni* Powell, 1955**

Powell, A.W.B., 1955, pp. 122, 123, pl. 4, figs 38, 39.

Holotype: MA71230, collected by J.H. Sorensen between 1941 and 1945, from Campbell Island/Motu Ihupuku, New Zealand.

Paratypes: MA73183, 16 specimens, from the type locality.

Current name: *Phrixgnathus sorenseni* (Powell, 1955) – MolluscaBase (2023).

***Kokikora angulata* Climo & Goulstone, 1995**

Climo, F.M. and J.F. Goulstone, 1995, pp. 207–210, figs 1–6.

Holotype: MA72415, collected by J.F. Goulstone on 19 October 1991, from along coastal cliffs, Waikowhai

Reserve, Auckland, New Zealand.

Paratypes: MA72416, six specimens, from the type locality.

Current name: *Kokikora angulata* Climo & Goulstone, 1995 – MolluscaBase (2023).

***Kokikora mimiwhangata* Climo & Goulstone, 1995**

Climo, F.M. and J.F. Goulstone, 1995, pp. 210–213, figs 7–9.

Holotype: MA72413, collected by F.J. Brook and J.F. Goulstone on 7 December 1993, from behind ‘Te Ruatahi Beach’, Mimiwhangata, Northland, New Zealand.

Paratypes: MA72414, 12 specimens, collected by F.J. Brook and J.F. Goulstone on 28 December 1993, from the type locality.

Current name: *Kokikora mimiwhangata* Climo & Goulstone, 1995 – MolluscaBase (2023).

***Laoma aupouria* Cumber, 1967**

Cumber, R.A., 1967b, pp. 187, 188, pl. 1.

Holotype: MA71308, collected by R.A. Cumber on 12 January 1957, Unuwahao, Northland, New Zealand.

Current name: *Laoma mariae aupouria* Cumber, 1967 – MolluscaBase (2023).

***Laoma labyrinthica* Powell, 1948**

Powell, A.W.B., 1948, pp. 277, 278, pl. 54, fig. 3.

Holotype: MA71004, collected by A.W.B. Powell in December 1945, from decaying wood in leaf mould, 800 m (0.5 mile) NE of Southeast Landing, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Laoma labyrinthica* Powell, 1948 – MolluscaBase (2023).

***Laoma ordishi* Climo, 2019**

Climo, F.M., Mahlfeld, K., Payton, I. and D.J. Roscoe, 2019, pp. 64, 69, figs 3B, 3C, 4D–E, 10, 14A.

Holotype: MA73598, collected by D.J. Roscoe on 16 October 2010, from Taranga Island, Hen and Chickens Islands, Northland, New Zealand.

Paratypes: MA73599, 86 specimens, from the type locality.

Current name: *Laoma ordishi* Climo, 2019 – MolluscaBase (2023).

***Laoma (Phrixgnathus) alfredi* Suter, 1909**

Suter, H., 1909c, p. 262, pl. 11, fig. 27.

Holotype: NMNZ M.083444

Paratype: MA73071, one specimen, collected by A. Suter, from the type locality, Birkenhead, Auckland, New Zealand.

Remarks: B.A. Marshall (1996: 41) listed NMNZ M.083444 as holotype. A.W.B. Powell labelled the specimen in MA73071 as paratype and not as ‘cotype’ as he did for many other Suter types in the AM collections. It is assumed that he did so because he considered the single specimen at NMNZ (M.083444) to be the holotype.

Current name: *Phrixgnathus alfredi* (Suter, 1909) – MolluscaBase (2023).

***Laoma (Phrixgnathus) celia alboviridis* Suter, 1913**

Suter, H., 1913a, p. 1077, not figured.

Syntypes: NMNZ M.088225

Syntype: MA73066, one specimen, collected by M. Longstaff, Mount Alfred/Ari, Otago, New Zealand.

Remarks: It has a label by A.W.B. Powell with ‘cotype’ and a ‘Powell number’ showing that it came via Powell’s own collection.

Current name: *Phrixgnathus celia* F.W. Hutton, 1883 – MolluscaBase (2023).

***Laoma (Phrixgnathus) celia levis* Suter, 1913**

Suter, H., 1913a, p. 1077, not figured.

Syntypes: NMNZ M.088134

Syntypes: MA73065, six specimens, collected by M. Longstaff, Pipiriki, Manawatū-Whanganui, New Zealand.

Remarks: It has a label by A.W.B. Powell with ‘cotype’ and a ‘Powell number’ showing that it came via Powell’s own collection.

Current name: *Phrixgnathus levis* (Suter, 1913) – MolluscaBase (2023).

***Laoma (Phrixgnathus) clathrata* N.W. Gardner, 1972**

Gardner, N.W., 1972, pp. 175–177, figs 1–3, 7.

Holotype: MA71375, collected by N.W. Gardner in April 1966 or April 1971, from leaf litter, Forest Road, north of Ōkaihau, Northland, New Zealand.

Paratypes: MA71839, two specimens, collected by N.W. Gardner in April 1971, from the type locality.

Remarks: Gardner (1972: 175) and two labels with the holotype specimen have two different collection dates, April 1966 and April 1971.

Current name: *Phrixgnathus clathratus* (N.W. Gardner, 1972) – MolluscaBase, (2023).

***Laoma (Phrixgnathus) elaiodes* Webster, 1904**

Webster, W.H., 1904, pp. 106, 107, fig. 5.

Lectotypification in Climo, F.M. and J.F. Goulstone, 1993, pp. 28–32, figs 1–4.

Lectotype: MA70384, collected by W.H. Webster or his family, Waiuku, Auckland, New Zealand.

Paralectotypes: MA71557, one specimen; MA71582, one specimen; MA79510, two specimens; all from the type locality.

Remarks: The lectotype material chosen by Climo and Goulstone (1993) came from Webster’s (1904) original type series (T.M. 384), held in the collections of AM. In September 2017, as part of a collections inventory, two specimens in MA71557 were provisionally identified by F.J. Brook as *Phrixgnathus* sp. aff. *viridulus* and recatalogued as MA79510.

Current name: *Taguahelix elaiodes* (Webster, 1904) – MolluscaBase (2023).

***Laoma (Phrixgnathus) filicosta* Suter, 1907**

Suter, H., 1907a, pp. 236, 237, pl. 22, fig. 3.

Syntype: NMNZ M.083466

Syntype: MA73063, one specimen, collected by A. Suter, in swampy kahikatea bush, Waerenga [Wairangi sic], Waikato, New Zealand.

Current name: *Phrixgnathus filicostus* (Suter, 1907) – MolluscaBase (2023).

***Laoma (Phrixgnathus) francesci* Webster, 1904**

Webster, W.H., 1904, p. 106, fig. 1.

Lectotypification in Climo, F.M. and J.F. Goulstone, 1993, pp. 35–38, figs 10–13.

Lectotype: MA70385, collected by W.H. Webster or his family, Waiuku, Auckland, New Zealand.

Paralectotypes: MA71556, two specimens; MA71583, one specimen; all from the type locality.

Current name: *Taguahelix francesci* (Webster, 1904) – MolluscaBase (2023).

***Laoma (Phrixgnathus) fulgurata* Suter, 1909**

Suter, H., 1909c, pp. 262, 263, pl. 11, fig. 28.

Syntypes: NMNZ M.088020

Syntype: MA73072, one specimen, collected by H. Suter from Waitākere Ranges, Auckland, New Zealand.

Current name: *Phrixgnathus fulguratus* (Suter, 1909) – MolluscaBase (2023).

***Laoma (Phrixgnathus) larochei* Powell, 1928**

Powell, A.W.B., 1928b, p. 367, pl. 55, fig. 5.

Holotype: MA72074, collected by W. La Roche in April 1928, from decaying leaves in native bush, Opononi, Northland, New Zealand.

Paratype: MA72432, one specimen, from the type locality.

Current name: *Phrixgnathus larochei* (Powell, 1928) – MolluscaBase (2023).

***Laoma (Phrixgnathus) lucida* Suter, 1896**

Suter, H., 1896, p. 36, pl. 4, figs 13–15.

Syntype: NMNZ M.083440

Syntype: MA73079, one specimen, collected by ‘Mr’ Wright, ‘near Auckland’, Auckland, New Zealand.

Current name: *Phrixgnathus lucidus* (Suter, 1896) – MolluscaBase (2023).

***Laoma (Phrixgnathus) phrynia major* Suter, 1897**

Suter, H., 1897a, p. 259, not figured.

Syntype: NMNZ M.125167

Syntype: MA73083, one specimen, collected by A. Hamilton in March 1897, Halfmoon Bay, Stewart Island/Rakiura, New Zealand.

Remarks: It has a label by A.W.B. Powell with ‘Co-type (ex. H. Suter coll.)’.

Current name: *Phrixgnathus phrynia* F.W. Hutton, 1883 – MolluscaBase (2023).

***Laoma (Phrixgnathus) ruforadiata* N.W. Gardner, 1972**

Gardner, N.W., 1972, p. 177, figs 4–6, 8, 9.

Holotype: MA71376, collected by N.W. Gardner in April 1971, from leaf litter on edge of bush, 10 km

(6 miles) south of Kaeo, Northland, New Zealand.

Paratypes: MA71840, two specimens, from the type locality.

Current name: *Phrixgnathus ruforadiatus* (N.W. Gardner, 1972) – MolluscaBase (2023).

***Laoma (Phrixgnathus) spiralis* Suter, 1896**

Suter, H., 1896, p. 36, pl. 4, figs 16–18.

Syntype: NMNZ M.083460

Syntypes: MA73080, two specimens, collected by J. McMahon, Pelorus Sound/Te Hoiere, Marlborough, New Zealand.

Remarks: It has a label by A.W.B. Powell with ‘co-type’ and a ‘Powell number’ showing that it came via Powell’s own collection.

Current name: *Phrixgnathus spiralis* (Suter, 1896) – MolluscaBase (2023).

***Laoma (Phrixgnathus) sublucida* Suter, 1896**

Suter, H., 1896, pp. 37, 38, not figured.

Syntypes: NMNZ M.083442

Syntypes: MA73081, two specimens, collected by T.F. Cheeseman, Waitākere, Auckland, New Zealand.

Current name: *Phrixgnathus lucidus* (Suter, 1896) – Brook and Ablett (2019: 72); MolluscaBase (2023).

***Laoma (Phrixgnathus) viridula* Suter, 1909**

Suter, H., 1909c, p. 263, pl. 11, fig. 29.

Syntypes: NMNZ M.088280

Syntype: MA73073, one specimen, collected by A. Cavell, from Caplestone, West Coast, New Zealand.

Current name: *Phrixgnathus viridulus* (Suter, 1909) – MolluscaBase (2023).

***Laoma (Phrixgnathus) waipoua* N.W. Gardner, 1969**

Gardner, N.W., 1969, p. 199, figs 6, 7.

Holotype: MA71323, collected by N.W. Gardner in January 1955, approximately 3 km (2 miles) south of ‘Tane Mahuta’, Waipoua Forest, Northland, New Zealand.

Current name: *Phrixgnathus waipoua* (N.W. Gardner, 1969) – MolluscaBase (2023).

***Laomarex sericea* Powell, 1948**

Powell, A.W.B., 1948, p. 279, pl. 54, fig. 1.

Holotype: MA71005, collected by G.A. Buddle in January 1948, from leaf mould, Oromaki/North East Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA71473, two specimens, from the type locality.

Current name: *Laomarex sericea* Powell, 1948

***Paralaoma buddlei* Powell, 1951**

Powell, A.W.B., 1951a, p. 133, pl. 27, figs 1, 2.

Holotype: MA71172, collected by E.G. Turbott on 13 January 1951, from leaf mould in puka forest, Moekawa/South West Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA71490, 47 specimens, from the type locality.

Current name: *Paralaoma buddlei* Powell, 1951 – MolluscaBase (2023).

***Paralaoma manawatawhia* Goulstone & Brook, 1999**

Goulstone, J.F. and F.J. Brook, 1999, pp. 25–27, figs 2A, B.

Holotype: NMNZ M.140700

Paratypes: MA73157, one specimen, collected from the type locality by F.J. Brook on 6 December 1996, at the site of *Tecomanthe* vine in a remnant of broadleaf forest, Tasman Valley; MA73158, one specimen, collected by F.J. Brook on 10 December 1996, from kānuka forest in headwaters of Castaway Stream, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Paralaoma manawatawhia* Goulstone & Brook, 1999 – MolluscaBase (2023).

***Paralaoma pagoda* Climo, 1973**

Climo, F.M., 1973, p. 590, figs 9C, 22H.

Holotype: NMNZ M.024366

Paratypes: MA73027, five specimens, collected by F.M. Climo on 16 November 1970, from the type locality, 200 m below *Tecomanthe* vine, Tasman Valley, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Paralaoma pagoda* Climo, 1973 – MolluscaBase (2023).

***Paralaoma raki* Goulstone & Brook, 1999**

Goulstone, J.F. and F.J. Brook, 1999, pp. 27–30, figs 3A–E.

Holotype: NMNZ M.140701

Paratypes: MA73159, 15 specimens, collected by F.J. Brook on 8 July 1996, from broadleaf forest; MA73160, 14 specimens, collected by F.J. Brook on 4 December 1995, from pukunui pōhutukawa forest, Oromaki/North East Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Paralaoma raki* Goulstone & Brook, 1999 – MolluscaBase (2023).

***Paralaoma regia* Powell, 1948**

Powell, A.W.B., 1948, pp. 279, 280, pl. 53, fig. 2.

Holotype: MA71076, collected by G.A. Buddle in January 1948, from leaf mould, Oromaki/North East Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA73019, 32 specimens, from the type locality.

Current name: *Paralaoma regia* Powell, 1948 – MolluscaBase (2023).

***Paralaoma turbotti* Powell, 1948**

Powell, A.W.B., 1948, pp. 280, 281, pl. 54, fig. 2.

Holotype: MA71077, collected by A.W.B. Powell in December 1945, from under decaying wood in leaf mould, 800 m (0.5 mile) NE of Southeast Landing, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratype: MA73018, two specimens, from the type locality.

Current name: *Paralaoma turbotti* Powell, 1948 – MolluscaBase (2023).

***Patula raricostata* Suter, 1890**

Suter, H., 1890, p. 226, pl. 14, figs 9a, b.

Syntypes: NMNZ M.083487, two specimens.

Syntype: MA73054, one specimen, collected by H. Suter, from leaf mould under dead leaves, Mauriceville, Wellington, New Zealand.

Remarks: It has a label by A.W.B. Powell with 'paratype', but as the primary type cannot be recognised amongst the specimens held at NMNZ the AM specimen must be treated as a syntype.

Current name: *Paralaoma raricostata* (Suter, 1890) – MolluscaBase (2023).

***Phenacohelix* (?) *subantarctica* Suter, 1909**

Suter, H. 1909b, p. 36, pl. 1, figs 9–11.

Syntypes: CM ZS699; NMNZ M.125542

Syntype: MA73068, one specimen, collected by W.K. Chambers, mostly on *Dracophyllum*, Campbell Island/Motu Ihupuku, New Zealand.

Current name: *Taguahelix subantarctica* (Suter, 1909) – MolluscaBase (2023).

***Phrixgnathus acanthinulopsis* Suter, 1891**

Suter, H., 1891, pp. 92, 93, pl. 18, figs 11a, b, S, T.

Syntypes: NMNZ M.088018

Syntype: MA73075, one specimen, collected by H. Suter, from leaf mould, White Horse Hill, Hooker Valley, Canterbury, New Zealand.

Current name: *Phrixgnathus acanthinulopsis* Suter, 1891 – MolluscaBase (2023).

***Phrixgnathus blacki* Powell, 1951**

Powell, A.W.B., 1951a, p. 133, pl. 27, fig. 5.

Holotype: MA71171, collected by A.W.B. Powell on 6 October 1948, from 213 m (700 feet) elevation, 'site of *Placostylus bollonsi arbutus*' colony, SW coast, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratype: MA73203, one specimen, from the type locality.

Current name: *Phrixgnathus blacki* Powell, 1951 – MolluscaBase (2023).

***Phrixgnathus brunneus* Climo & Goulstone, 1993**

Climo, F.M. and J.F. Goulstone, 1993, pp. 41–43, figs 15, 23–24.

Holotype: MA71562, collected by A.E. Brookes c.1930, from Motu River, Bay of Plenty, New Zealand.

Paratype: MA71563, 70 specimens; **probable paratype:** MA71581, one specimen; all from the type locality.

Remarks: MA71581 is not mentioned by Climo and Goulstone (1993) as a paratype, although it was entered in the AM database as such at a time when the second author was a Research Associate at AM. Climo and Goulstone (1993: fig. 15) illustrated a paratype, which they labelled MA71584 in the caption. However, in the AM collections MA71584 is the registration number

allocated to the paralectotype of *Endodonta* (*Charopa*) *ochra* (= *Chaureopa titirangiensis*). The image in Climo and Goulstone (1993: fig. 15) is not of *E. ochra* and but does conform to *P. brunneus*. The caption therefore contains a typographic error, and the image is likely to be of the specimen in MA71581.

Current name: *Phrixgnathus brunneus* Climo & Goulstone, 1993 – MolluscaBase (2023).

***Phrixgnathus cheesemani* Suter, 1894**

Suter, H., 1894a, p. 137, pl. 21, figs 40–40b.

Syntypes: NMNZ M.088022

Syntype: MA73003, one specimen, collected [by T.F. Cheeseman], from Waitākere, Auckland, New Zealand.

Current name: *Phrixgnathus cheesemani* Suter, 1894 – MolluscaBase (2023).

***Phrixgnathus douglasi* Climo & Goulstone, 1993**

Climo, F.M. and J.F. Goulstone, 1993, pp. 39–41, figs 14, 16–22.

Holotype: MA71560, collected by J.F. Goulstone on 4 February 1993, from a remnant of puriri–taraire forest at the start of the Okura Walkway, Okura River, Auckland, New Zealand.

Paratypes: MA71561, six specimens, from the type locality.

Current name: *Phrixgnathus douglasi* Climo & Goulstone, 1993 – MolluscaBase (2023).

***Phrixgnathus flemingi* Dell, 1950**

Dell, R.K., 1950c, pp. 57, 58, figs 2–4.

Holotype: NMNZ M.005428

Paratype: MA72982, one specimen, collected by R.A. Falla and C.A. Fleming in November 1947, from the type locality, Snares Islands/Tini Heke Islands, New Zealand.

Current name: *Phrixgnathus flemingi flemingi* Dell, 1950 – MolluscaBase (2023).

***Phrixgnathus flemingi stewartensis* Dell, 1954**

Dell, R.K., 1954, p. 148, pl. 7, fig. 5.

Holotype: NMNZ M.005713

Paratypes: MA72988, five specimens, collected by R.K. Dell on 7 November 1948, from the type locality, Sealers Bay, Codfish Island/Whenua Hou, Stewart Island/Rakiura, New Zealand.

Current name: *Phrixgnathus flemingi stewartensis* Dell, 1954 – MolluscaBase (2023).

***Phrixgnathus forsteri* Dell, 1952**

Dell, R.K., 1952c, pp. 95, 96, figs 3, 4, text figs 8, 9.

Holotype: NMNZ M.005542

Paratypes: MA72985, two specimens, collected by R.K. Dell on 28 January 1948, from the type locality, 914 m (3000 feet) elevation, Flora Hut, Wharepapa/Arthur Range, Tasman, New Zealand.

Current name: *Phrixgnathus forsteri* Dell, 1952 – MolluscaBase (2023).

***Phrixgnathus haasti* F.W. Hutton, 1883**

Hutton, F.W., 1883, p. 476, not figured.

Lectotypification in Brook, F.J. *et al.*, 2020, p. 41, pl. 5, fig. C.

Lectotype: CM M1389.1

Paralectotype: MA72977, one specimen, collected by J. von Haast, from the type locality, from limestone cliffs, Mount Somers, Canterbury, New Zealand.

Remarks: A handwritten label by A.W.B. Powell states that it is 'Ex. H. Suter coll. (Co-type)'.

Current name: *Phrixgnathus haasti* F.W. Hutton, 1883 – MolluscaBase (2023).

***Phrixgnathus laqueus* Dell, 1950**

Dell, R.K., 1950c, pp. 55, 57, figs 1, 5, 6.

Holotype: NMNZ M.005426

Paratypes: MA72773, five specimens, collected by R.A. Falla and C.A. Fleming in November 1947, from the type locality, Snares Islands/Tini Heke Islands, New Zealand.

Current name: *Phrixgnathus laqueus* Dell, 1950 – MolluscaBase (2023).

***Phrixgnathus oconnori* Powell, 1941**

Powell, A.W.B., 1941b, pp. 261, 262, pl. 51, fig. 11.

Holotype: MA70621, collected [by A.C. O'Connor], from Pirinoa, south of Lake Wairarapa, Wellington, New Zealand.

Paratypes: MA73011, nine specimens, from the type locality.

Current name: *Phrixgnathus phrynia* F.W. Hutton, 1883 – MolluscaBase (2023).

***Phrixgnathus rakiura* Dell, 1954**

Dell, R.K., 1954, p. 149, pl. 7, fig. 1.

Holotype: NMNZ M.005707

Paratypes: MA72767, three specimens, collected by O. Allan, Native Island, Paterson Inlet, Stewart Island/Rakiura, New Zealand; MA72986, two specimens, collected by O. Allan in June 1950.

Current name: *Phrixgnathus rakiura rakiura* Dell, 1953 – MolluscaBase (2023).

***Phrixgnathus rakiura solanderi* Dell, 1954**

Dell, R.K., 1954, p. 155, pl. 7, fig. 2.

Holotype: NMNZ M.005705

Paratypes: MA72987, 26 specimens, collected by R.A. Falla and C. Lindsay, on 9 December 1947, from the type locality, Solander Island, Southland, New Zealand.

Current name: *Phrixgnathus rakiura solanderi* Dell, 1954 – MolluscaBase (2023).

***Phrixgnathus serratocostata* Webster, 1906**

Webster, W.H., 1906, p. 311, figs 4, 4a.

Syntypes: MA70622, two specimens, collected by W.H. Webster or his family, from Waiuku, Auckland, New Zealand.

Current name: *Paralaoma serratocostata* (Webster, 1906) – MolluscaBase (2023).

***Phrixgnathus subariel* Powell, 1948**

Powell, A.W.B., 1948, p. 278, pl. 54, fig. 4.

Holotype: MA71089, collected by G.A. Buddle in January 1948, from leaf mould, Oromaki/North East Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA72000, 24 specimens, from the type locality.

Current name: *Phrixgnathus subariel* Powell, 1948 – MolluscaBase (2023).

***Phrixgnathus (Taguahelix) antipodensis* Powell, 1955**

Powell, A.W.B., 1955, pp. 127, 128, pl. 4, figs 36, 37.

Holotype: MA71231, collected by E.G. Turbott on 11 November 1950, from leaf mould amongst tussock, summit ridge above Ringdove Bay, Antipodes Islands, New Zealand.

Paratypes: MA71619, 47 specimens, from the type locality.

Current name: *Taguahelix antipodensis* Powell, 1955 – MolluscaBase (2023).

***Phrixgnathus (Taguahelix) delicatulus* Powell, 1955**

Powell, A.W.B., 1955, p. 127, pl. 4, figs 33–35.

Holotype: MA71232, collected by C.A. Fleming during 1942–1943, as part of the 'Cape Expedition', Tagua Bay, Carnley Harbour, Auckland Islands, New Zealand.

Paratypes: MA71618, 16 specimens, from the type locality.

Current name: *Taguahelix delicatula* (Powell, 1955) – MolluscaBase (2023).

***Phrixgnathus (Taguahelix) hirsutus* Powell, 1955**

Powell, A.W.B., 1955, pp. 126, 127, pl. 4, fig. 32.

Holotype: MA71233, collected by C.A. Fleming during 1942–1943, as part of the 'Cape Expedition', Emergency Bay, Carnley Harbour, Auckland Islands, New Zealand.

Paratype: MA71617, 15 specimens, from the type locality.

Current name: *Taguahelix hirsuta* (Powell, 1955) – MolluscaBase (2023).

***Taguahelix crispata* Climo & Goulstone, 1993**

Climo, F.M. and J.F. Goulstone, 1993, pp. 32–35, figs 5, 7, 8.

Holotype: MA71558, collected by J.F. Goulstone in April 1992, from 'Atkinson Reserve' [Zig Zag Track], Titirangi, Auckland, New Zealand.

Paratype: MA71559, one specimen, collected by J.F. Goulstone in September 1992, along the road between the Lower and Upper Huia Dams, Huia, Auckland, New Zealand.

Current name: *Taguahelix crispata* Climo & Goulstone, 1993 – MolluscaBase (2023).

***Thalassohelix minuta* N.W. Gardner, 1967**

Gardner, N.W., 1967, pp. 216, 217, pl. 1, figs 3, 4.

Holotype: MA71298, collected by N.W. Gardner in January 1965, from small bush remnant, Tapotupotu Bay, Northland, New Zealand.

Paratypes: MA71835, four specimens, from the type locality.

Current name: *Laomarex minuta* (N.W. Gardner, 1967) – Spencer *et al.* in: Spencer *et al.* (2009: 217); MolluscaBase (2023).

***Thalassohelix regia* N.W. Gardner, 1968**

Gardner, W.H., 1968, pp. 160, 161, pl. 1, figs 4–6.

Holotype: MA71317, collected by N.W. Gardner in January 1963, from southern slope, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Laomarex regia* (N.W. Gardner, 1968) – Spencer *et al.* in: Spencer *et al.* (2009: 217); MolluscaBase (2023).

Family CHAROPIDAE

***Aeschrodomus worleyi* Powell, 1928**

Powell, A.W.B., 1928b, pp. 365, 366, pl. 54, fig. 2.

Holotype: MA70009, collected by F.P. and F. Worley in 1897, near Baton River, Tasman, New Zealand.

Paratypes: MA71479, two specimens, from the type locality.

Current name: *Pseudegestula worleyi* (Powell, 1928) – MolluscaBase (2023).

***Allodiscus basiliratus* N.W. Gardner, 1967**

Gardner, N.W., 1967, p. 217, pl. 1, figs 5, 6.

Holotype: MA71295, collected by N.W. Gardner in August 1965, from open bush, Tapotupotu Bay, Northland, New Zealand.

Current name: *Allodiscus basiliratus* N.W. Gardner, 1967 – MolluscaBase (2023).

***Allodiscus brooki* B.A. Marshall & G.M. Barker, 2008**

Marshall, B.A. and G.M. Barker, 2008, p. 127, figs 19L, 27B, 28A–E.

Holotype: NMNZ M.180039

Paratypes: MA73267, two specimens, collected by F.J. Brook on 21 April 2004, from the type locality, under flax on knoll above Waitua Stream, Herekino north head, Northland, New Zealand.

Current name: *Allodiscus brooki* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus climoi* B.A. Marshall & G.M. Barker, 2008**

Marshall, B.A. and G.M. Barker, 2008, pp. 96–101, figs 10C, 12F–J, 13E.

Holotype: NMNZ M.183092

Paratypes: MA73268, three specimens, collected by F.M. Climo on 23 April 1992, from the type locality, Anaweka River valley, WSW of Collingwood, Tasman, New Zealand.

Current name: *Allodiscus climoi* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus conopeus* B.A. Marshall & G.M. Barker, 2008**

Marshall, B.A. and G.M. Barker, 2008, pp. 66, 67, figs 1C, 2K–O, 3D.

Holotype: NMNZ M.180092

Paratype: MA73265, one specimen, collected by D.J. Roscoe on 2 June 1968, from the type locality, Blowhard Bush, NW of Napier, SE of Kuripapango, Hawke's Bay, New Zealand.

Current name: *Allodiscus nematophorus* (Reeve, 1854) – MolluscaBase (2023).

***Allodiscus ergodes* B.A. Marshall & G.M. Barker, 2008**

Marshall, B.A. and G.M. Barker, 2008, p. 101, figs 10D, 12K–O, 13G.

Holotype: NMNZ M.180816

Paratypes: MA73269, three specimens, collected by D.J. Roscoe on 9 October 1983, from the type locality, Hackett Track, south of Nelson, Nelson, New Zealand.

Current name: *Allodiscus ergodes* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus fallax* Powell, 1952**

Powell, A.W.B., 1952a, p. 163, text fig. 2.

Holotype: MA71179, collected on 29 January 1950, under leaf mould in stunted coastal scrub on steep cliff face, 'Oruru Bay' near Knuckle Point, Rangiawhia [Karikari] Peninsula, Northland, New Zealand.

Current name: *Allodiscus fallax* Powell, 1952 – MolluscaBase (2023).

***Allodiscus goulstonei* B.A. Marshall & G.M. Barker, 2008**

Marshall, B.A. and G.M. Barker, 2008, pp. 114, 115, figs 19C, 22D, F–J.

Holotype: NMNZ M.169536

Paratypes: MA73270, two specimens, collected by F.M. Climo on 16 February 1981, 'Crispe's Bush', between Glenbrook Station and Mauku, Auckland, New Zealand.

Current name: *Allodiscus goulstonei* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus kakano* B.A. Marshall & G.M. Barker, 2008**

Marshall, B.A. and G.M. Barker, 2008, pp. 115–119, figs 19D, 22K–O, 23A.

Holotype: NMNZ M.023580

Paratype: MA73271, one specimen, collected by R.K. Dell on 4 March 1958, Butterfly Creek, Eastbourne, Wellington, New Zealand.

Current name: *Allodiscus kakano* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus laganus* B.A. Marshall & G.M. Barker, 2008**

Marshall, B.A. and G.M. Barker, 2008, pp. 101–103, figs 10E, 14A–E, 16A.

Holotype: NMNZ M.183093

Paratypes: MA73272, three specimens, collected by P.R. Milliner on 27 April 1983, from the type locality, ledge in bush at Tourist [Punakaiki] Cavern, Punakaiki, West Coast, New Zealand.

Current name: *Allodiscus laganus* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus mahlfeldae* B.A. Marshall & G.M. Barker, 2008**
Marshall, B.A. and G.M. Barker, 2008, pp. 83, 84,
figs 1L, 8A–E, 9C.

Holotype: NMNZ M.180015

Paratype: MA73273, one specimen, collected by R.A. Cumber on 6 June 1938, from the type locality, Lowry Bay, Lower Hutt, Wellington, New Zealand.

Current name: *Allodiscus mahlfeldae* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus mirificus* B.A. Marshall & G.M. Barker, 2008**
Marshall, B.A. and G.M. Barker, 2008, p. 108,
figs 10L, 16F, 18F–J.

Holotype: NMNZ M.180040

Paratype: MA73274, one specimen, collected by P.C. Mayhill in January 1989, from the type locality, at 1830 m elevation, Rastus Burn, The Remarkables, Otago, New Zealand.

Current name: *Allodiscus mirificus* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus morioria* B.A. Marshall & G.M. Barker, 2008**
Marshall, B.A. and G.M. Barker, 2008, pp. 119, 120,
figs 19E, 23C, 24A–E.

Holotype: NMNZ M.180041

Paratypes: MA73275, two specimens, collected by A.W.B. Powell in February 1933, from the type locality, from karaka bush, beside Lake Te Roto, north of Waitangi, Chatham Islands, New Zealand.

Current name: *Allodiscus morioria* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus negiae* B.A. Marshall & G.M. Barker, 2008**
Marshall, B.A. and G.M. Barker, 2008, p. 103, 104,
figs 10F, 13H, 14F–J.

Holotype: NMNZ M.180085

Paratype: MA73276, one specimen, collected by G. Park in October 1986, from the type locality, pukatea, rātā, and nīkau forest bordering mudflats, WSW of Collingwood, NE of Mangarakau, Tasman, New Zealand.

Current name: *Allodiscus negiae* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus pallidus* B.A. Marshall & G.M. Barker, 2008**
Marshall, B.A. and G.M. Barker, 2008, pp. 135, 136,
figs 26A, 29K–O, 30A.

Holotype: NMNZ M.177447

Paratype: MA73277, one specimen, collected by F.M. Climo on 13 July 1993, South Karori Road, Wellington, New Zealand.

Current name: *Allodiscus pallidus* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus pumilus* B.A. Marshall & G.M. Barker, 2008**
Marshall, B.A. and G.M. Barker, 2008, pp. 73, 74,
figs 1G, 5A–E, 6C.

Holotype: NMNZ M.180017

Paratypes: MA73266, two specimens, collected by P.R. Jamieson on 2 January 1975, SE of Cape Reinga, Northland, New Zealand.

Current name: *Allodiscus pumilus* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus pymaeus* B.A. Marshall & G.M. Barker, 2008**
Marshall, B.A. and G.M. Barker, 2008, pp. 120, 121,
figs 19F, 23D, 24F–J.

Holotype: NMNZ M.183094

Paratype: MA73278, one specimen, collected by P.C. Mayhill in December 1982, from the type locality, at 200 m elevation, NNE of Cape L'Eveque, Taiko Hill, Chatham Islands, New Zealand.

Current name: *Allodiscus pymaeus* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus spiritus* Powell, 1952**

Powell, A.W.B., 1952a, p. 164, text fig. 3.

Holotype: MA71180, collected in January 1950, in *Astelia*, 'Waterfall Gully', Kapowairua, Piwhane/Spirits Bay, Northland, New Zealand.

Current name: *Allodiscus spiritus* Powell, 1952 – MolluscaBase (2023).

***Allodiscus tawhiti* B.A. Marshall & G.M. Barker, 2008**
Marshall, B.A. and G.M. Barker, 2008, pp. 121, 122,
figs 19G, 23E, 24K–O.

Holotype: NMNZ M.183095

Paratypes: MA73279, two specimens, collected by R.K. Dell on 18 March 1954, from the type locality, under logs in rātā forest, Sandy Bay, Enderby Island, Auckland Islands, New Zealand.

Current name: *Allodiscus tawhiti* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus tessellata* Powell, 1941**

Powell, A.W.B., 1942, p. 262, pl. 51, figs 1, 2.

Holotype: MA70028, collected [by A.E. Brookes], from 244 m (800 feet) elevation, Rūātoki, Bay of Plenty, New Zealand.

Paratypes: MA73012, five specimens, from the type locality.

Current name: *Allodiscus tessellatus* Powell, 1941 – MolluscaBase (2023).

***Allodiscus turbotti* Powell, 1948**

Powell, A.W.B., 1948, p. 276, pl. 53, fig. 1.

Holotype: MA70898, collected by E.G. Turbott on 8 May 1946, from sparse pōhutukawa and kānuka forest, Hapuka Point, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Allodiscus turbotti* Powell, 1948 – MolluscaBase (2023).

***Allodiscus undulatus* B.A. Marshall & G.M. Barker, 2008**
Marshall, B.A. and G.M. Barker, 2008, p. 137,
figs 26H, 30D, 31F–J.

Holotype: NMNZ M.183103

Paratypes: MA73287, two specimens, collected by P.C. Mayhill in January 1989, NW of Borland Lodge, SSW of Manapouri, New Zealand.

Current name: *Allodiscus undulatus* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus wairarapa* B.A. Marshall & G.M. Barker, 2008**
Marshall, B.A. and G.M. Barker, 2008, pp. 91, 92,
figs 1O, 9D, 11A–E.

Holotype: NMNZ M.180064

Paratype: MA73280, one specimen, collected by D.J. Roscoe on 7 March 1971, from the type locality, outside ‘Bathtub Cave’, Mt Bruce, Manawatū–Whanganui, New Zealand.

Current name: *Allodiscus wairarapa* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus wairua* B.A. Marshall & G.M. Barker, 2008**
Marshall, B.A. and G.M. Barker, 2008, pp. 134, 135,
figs 26B, 27D, 29F–J.

Holotype: NMNZ M.183097

Paratype: MA73281, one specimen, collected by G.R. Parrish on 27 September 1988, from the type locality, Motuopao Island, Northland, New Zealand.

Current name: *Allodiscus wairua* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus waitomo* B.A. Marshall & G.M. Barker, 2008**
Marshall, B.A. and G.M. Barker, 2008, pp. 93, 94,
figs 10B, 11K–O, 13B.

Holotype: NMNZ M.183098

Paratypes: MA73282, three specimens, collected by S. Easterbrook-Smith in 1970–1972, from the type locality, Green Gorge Entrance, Catherwoods Cave, Waipapa Road Cave System, west of Te Kuiti, Waikato, New Zealand.

Current name: *Allodiscus waitomo* B.A. Marshall & G.M. Barker, 2008 MolluscaBase (2023).

***Allodiscus worthyi* B.A. Marshall & G.M. Barker, 2008**
Marshall, B.A. and G.M. Barker, 2008, pp. 123–125,
figs 10O, 20D, 21K–O.

Holotype: NMNZ M.183099

Paratypes: MA73283, two specimens, collected by B.F. Hazelwood on 23 April 1984, from the type locality, under fallen limestone rubble, Great Arch entrance, NE of Karamea, West Coast, New Zealand.

Current name: *Allodiscus worthyi* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Allodiscus yaldwyni* B.A. Marshall & G.M. Barker, 2008**
Marshall, B.A. and G.M. Barker, 2008, pp. 94–96,
figs 12A–E, 13D, 19I.

Holotype: NMNZ M.183100

Paratypes: MA73284, two specimens, collected by J.C. Yaldwyn on 3 March 1985, from the type locality, Hut Cove Flat, Antipodes Island, Antipodes Islands, New Zealand.

Current name: *Allodiscus yaldwyni* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Amphidoxa cornea* F.W. Hutton, 1882**

Hutton, F.W., 1882, p. 281.

Lectotypification in Brook, F.J. *et al.*, 2020, pp. 23, 24, pl. 2, fig. D.

Lectotype: CM M12777 [ex M285]

Paralectotype: MA83811, one specimen, ex Hutton collection, collected by T.F. Cheeseman, Auckland, New Zealand.

Current name: *Flammulina cornea* (F.W. Hutton, 1882) – MolluscaBase (2023).

† ***Cavellia spelaea* Powell, 1928**

Powell, A.W.B., 1928b, pp. 366, 367, pl. 55, fig. 6.

Holotype: MA72040, collected by H. Hamilton on 12 December 1914, from Coonoor Cave, east of Paihiatua, Manawatū–Whanganui, New Zealand.

Paratypes: MA71477, five specimens, from the type locality.

Current name: *Cavellioropa moussoni* (Suter, 1890) – MolluscaBase (2023).

***Charopa anguiculus fuscus* Suter, 1894**

Suter, H., 1894a, pp. 135, 136, not figured.

Lectotypification in Climo, F., 1983, pp. 154–156, figs 2, 4G–I, 5A–C, 6C–D.

Lectotype: NMNZ M.022442

Paralectotype: MA73002, one specimen, collected by T. Broun, from the type locality, Hunua Ranges, Auckland, New Zealand.

Current name: *Paracharopa fuscus* (Suter, 1894) – MolluscaBase (2023).

***Charopa anguiculus montivaga* Suter, 1894**

Suter, H., 1894b, pp. 498, 499, pl. 23, figs 11, 11b.

Lectotypification in Climo, F., 1970, pp. 297, 298, figs 1A, 8A, 8B, 19A; pl. 3, A, C, table 1.

Lectotype: NMNZ M.022443

Paralectotypes: M73679, two specimens, collected by H. Suter, from the type locality, Hastwell, ‘Forty Mile Bush’, Wellington, New Zealand.

Current name: *Charopa montivaga* Suter, 1894 – MolluscaBase (2023).

***Charopa jemmysensis* Gabriel, 1947**

Gabriel, C.J., 1947, p. 117, pl. 9, fig. 1.

Holotype: MOV F1054

Paratype: MA73629, two specimens, collected by C.J. Gabriel, from the type locality, near Jemmys Point, Lakes Entrance, Victoria, Australia.

Current name: *Austellorien jemmysensis* (Gabriel, 1947) – MolluscaBase (2023).

***Charopa scindocataracta* Gabriel, 1930**

Gabriel, C.J., 1930, pp. 77, 78, pl. 2, figs 9, 10.

Holotype: MOV F708

Paratypes: MA73628, two specimens, collected from the type locality, under stones, Splitter Falls, Lorne, Victoria.

Remarks: The specimen is labelled as a cotype, which historically was a term used for syntype. Gabriel (1930: 62) stated that the types [for the species published in 1930] were in his collection. He also gave type measurements for single specimens, and clearly considered the primary type to be in his collection. Therefore, MA73628 is here considered a paratype and not a syntype.

Current name: *Nanoropa scindocataracta* (Gabriel, 1930) – MolluscaBase (2023).

***Charopa tarravillensis* Gabriel, 1930**

Gabriel, C.J., 1930, p. 77, pl. 2, figs 5, 6.

Holotype: MOV F706

Paratype: MA73627, one specimen, collected from the type locality, Tarraville, Victoria.

Remarks: The specimen is labelled as a cotype, which historically was a term used for syntype. However, as Gabriel (1930: 62) stated that the types were in his collection and later updated this to the types having been deposited with the National Museum of Victoria (Gabriel, 1947: 109), MA73627 is here considered a paratype and not a syntype.

Current name: *Bonhamaropa tarravillensis* (Gabriel, 1930) – MolluscaBase (2023).

***Charopa (Egestula) bicolor* Climo, 1973**

Climo, F.M., 1973, p. 591, figs 3, 5, 11G, 15D, 17C, table 5.

Holotype: NMNZ M.024365

Paratypes: MA73029, five specimens, collected by F.M. Climo on 9 November 1970, from the type locality, under stones below camp, Castaway Valley, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Egestula bicolor* (Climo, 1973) – MolluscaBase (2023).

***Charopa (Egestula) microgaza* Climo, 1973**

Climo, F.M., 1973, p. 593, figs 5, 15A, 15B, 20F, 20G, table 5.

Holotype: NMNZ M.024364

Paratypes: MA73030, three specimens; MA73031, five specimens; all collected by F.M. Climo on 13 November 1970, from the type locality from 'Placostylus bollonsi arbutus' colony, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Egestula microgaza* (Climo, 1973) – MolluscaBase (2023).

***Charopa (Ptychodon) elliottae* Climo, 1969**

Climo, F.M., 1969, pp. 186, 187, fig. 6C, pl. 5B.

Holotype: NMNZ M.022471

Paratypes: MA73024, five specimens, collected by B. Elliott in 1967, from the type locality, 'The Gorge

Creek Cave', East Takaka, Tasman, New Zealand.

Current name: *Mocella elliottae* (Climo, 1969)

***Charopa (Ptychodon) marstoni* Climo, 1969**

Climo, F.M., 1969, pp. 195, 196, figs 8C, 11, 33B, table 6, pl. 5A.

Holotype: NMNZ M.022462

Paratype: MA73025, collected by A.C. O'Connor in 1951, Canaan [Road], Pipikiruna Range, Tasman, New Zealand.

Current name: *Cavellia marstoni* (Climo, 1969) – MolluscaBase (2023).

***Canallodiscus karamea* B.A. Marshall & G.M. Barker, 2008**

Marshall, B.A. and G.M. Barker, 2008, p. 157, figs 26P, 36K–O, 37C.

Holotype: NMNZ M.183102

Paratype: MA73288, one specimen, collected by P.R. Milliner on 6 November 1983, from the type locality, opposite Frog Tunnel, Honeycomb Hill cave system, NE of Karamea, West Coast, New Zealand.

Current name: *Canallodiscus karamea* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Climocella akarana* Goulstone, 1996**

Goulstone, J.F., 1996, pp. 71–75, figs 2, 3, 11, 12, 22–27, 50.

Holotype: MA72702, collected by J.F. Goulstone on 1 October 1985, from 'Ngaheretuku', Twilight Road, Clevedon, Auckland, New Zealand.

Paratypes: MA72703, 16 specimens; MA72711, one specimen; all from the type locality.

Current name: *Climocella akarana* Goulstone 1996 – MolluscaBase (2023).

***Climocella barkeri* Goulstone, 1997**

Goulstone, J.F., 1997, pp. 174–176, figs 1–8, 57.

Holotype: MA72891, collected by G. Barker on 20 September 1992, East Cape Lighthouse Reserve, Gisborne, New Zealand.

Paratypes: MA72892, three specimens; MA72893, five specimens; all from the type locality; MA72937, seven specimens, collected by P.C. Mayhill on 1 June 1996, from the type locality.

Current name: *Climocella barkeri* Goulstone 1997 – MolluscaBase (2023).

***Climocella cavelliaformis* Goulstone, 1996**

Goulstone, J.F., 1996, pp. 75–77, figs 4, 13, 28–32, 50.

Holotype: MA72704, collected by B.F. Hazelwood on 4 June 1990, from regenerating forest between Waiwera and Puhoi, Auckland, New Zealand.

Paratypes: MA72705, five specimens, from the type locality; MA72706, three specimens, collected by J.F. Goulstone on 4 April 1995, N of Waiwera, close to the type locality.

Current name: *Climocella cavelliaformis* Goulstone, 1996 – MolluscaBase (2023).

***Climocella haurakiensis* Goulstone, 1996**

Goulstone, J.F., 1996, pp. 77–79, figs 5, 14, 33–39, 50.

Holotype: MA72707, collected by G. Sadler, from Otata, Noises Islands, Auckland, New Zealand.

Paratypes: MA72708, two specimens, from the type locality; MA72712, six specimens, collected by J.F. Goulstone on 4 November 1994, from Motuhoropapa, The Noises, Auckland, New Zealand.

Current name: *Climocella haurakiensis* Goulstone, 1996 – MolluscaBase (2023).

***Climocella hukutaia* Goulstone & Mayhill, 1998**

Goulstone, J.F. and P.C. Mayhill, 1998, pp. 274–277, figs 1, 2A–E, 6.

Holotype: MA73094, collected by P.C. Mayhill on 1 December 1996, Hukutaia Domain, Opotiki, Bay of Plenty, New Zealand.

Paratypes: MA73095, 11 specimens, from the type locality; MA73096, one specimen, collected by P.C. Mayhill on 1 August 1979, from the type locality.

Current name: *Climocella hukutaia* Goulstone & Mayhill, 1998 – MolluscaBase (2023).

***Climocella intermedia* Goulstone, 1997**

Goulstone, J.F., 1997, pp. 176–179, figs 9–17, 57.

Holotype: MA72894, collected by P.C. Mayhill on 1 September 1992, Papatea, Bay of Plenty, New Zealand.

Paratypes: MA72895, ten specimens, collected by P.C. Mayhill on 1 March 1993, from the type locality.

Current name: *Climocella intermedia* Goulstone, 1997 – MolluscaBase (2023).

***Climocella isolata* Goulstone, 1997**

Goulstone, J.F., 1997, pp. 179–181, figs 18–25, 57.

Holotype: MA72896, collected by G. Barker on 20 September 1992, East Cape Lighthouse Reserve, Gisborne, New Zealand.

Paratypes: MA72897, five specimens, from the type locality; MA72936, collected by P.C. Mayhill on 1 June 1996, from the type locality.

Current name: *Climocella isolata* Goulstone, 1997 – MolluscaBase (2023).

***Climocella kaitaka* Goulstone, 1996**

Goulstone, J.F., 1996, pp. 79–83, figs 6, 7, 15, 16, 40–42, 50.

Holotype: MA72709, collected by J.F. Goulstone on 1 October 1985, from ‘Ngaheretuku’, Twilight Road, Clevedon, Auckland, New Zealand.

Paratypes: MA72710, 14 specimens, from the type locality.

Current name: *Climocella kaitaka* Goulstone, 1996 – MolluscaBase (2023).

***Climocella mayhillae* Goulstone, 1997**

Goulstone, J.F., 1997, pp. 181–183, figs 26–34, 57.

Holotype: MA72898, collected by P.C. Mayhill on 1 March 1996, from Ngaiotonga Reserve, Northland, New Zealand.

Paratype: MA72899, one specimen, collected by P.C. Mayhill on 1 April 1981, from near the type locality.

Current name: *Climocella mayhillae* Goulstone, 1997 – MolluscaBase (2023).

***Climocella puhore* Goulstone & Mayhill, 1998**

Goulstone, J.F. and P.C. Mayhill, 1998, pp. 277–279, figs 2F–I, 3, 6.

Holotype: MA73097, collected by P.C. Mayhill on 1 November 1989, Puketi Forest, Northland, New Zealand.

Paratype: MA73098, one specimen, collected by P.C. Mayhill on 1 April 1981, Whangamumu, Northland, New Zealand.

Current name: *Climocella puhore* Goulstone & Mayhill, 1998 – MolluscaBase (2023).

***Climocella pukanui* Goulstone & Brook, 1999**

Goulstone, J.F. and F.J. Brook, 1999, pp. 30–32, fig. 4A.

Holotype: NMNZ M.140703

Paratypes: MA73161, two specimens, collected by F.J. Brook on 28 November 1997, from rock scree under flax in pukanui forest, 80 m elevation on west side of Moekawa/South West Island, Manawatāwhi/Three Kings Islands; MA73162, six specimens, collected by F.J. Brook on 27 November 1997, from boulder scree under broadleaf forest, 130 m elevation on NE side of island, Moekawa/South West Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Climocella pukanui* Goulstone & Brook, 1999 – MolluscaBase (2023).

***Climocella rata* Goulstone, 1996**

Goulstone, J.F., 1996, pp. 83–87, figs 8, 9, 17, 43–49, 50.

Holotype: MA72713, collected by J.F. Goulstone on 11 May 1995, Whakatiwai Regional Park, Auckland, New Zealand.

Paratypes: MA72714, eight specimens, from the type locality.

Current name: *Climocella rata* Goulstone, 1996 – MolluscaBase (2023).

***Climocella reinga* Goulstone, 1997**

Goulstone, J.F., 1997, pp. 183–187, figs 35–40, 57.

Holotype: NMNZ M.1299047

Paratypes: MA72900, 10 specimens; MA72901, two specimens; all collected by B.F. Hazelwood and O.J. Marston on 5 June 1996, from the type locality, junction of Cape Reinga Road and Tapotupotu Road, Northland, New Zealand.

Current name: *Climocella reinga* Goulstone, 1997 – MolluscaBase (2023).

***Climocella runga* Goulstone, 1997**

Goulstone, J.F., 1997, pp. 187–189, figs 14–48, 57.

Holotype: MA72902, collected by J.F. Goulstone on 10 May 1991, from south side of Unuwahao summit, Piwhane/Spirits Bay, Northland, New Zealand.

Paratypes: MA72903, two specimens, from the type

locality; MA72924, three specimens, collected by P.C. Mayhill on 1 May 1982, from the type locality.

Current name: *Climocella runga* Goulstone, 1997 – MolluscaBase (2023).

***Climocella triticum* Goulstone & Mayhill, 1998**

Goulstone, J.F. and P.C. Mayhill, 1998, pp. 279–282, figs 2J–M, 4, 6.

Holotype: MA73107, collected by P.C. Mayhill on 1 February 1997, from 700 m elevation, Lake Rotokura, Tongariro National Park, Manawatū-Whanganui, New Zealand.

Paratype: MA73108, one specimen, collected by P.C. Mayhill on 1 February 1997, from 680 m elevation, Lake Rotokura; MA73109, two specimens, collected by P.C. Mayhill on 1 January 1983, from Umukarikari Track, Kaimanawa, Waikato, New Zealand.

Current name: *Climocella triticum* Goulstone & Mayhill 1998 – MolluscaBase (2023).

***Climocella waenga* Goulstone, 1997**

Goulstone, J.F., 1997, pp. 189–193, figs 49–56, 57.

Holotype: MA72904, collected by P.C. Mayhill on 1 March 1993, from ‘Waenga’, west of Te Araroa, Gisborne, New Zealand.

Paratypes: MA72905, seven specimens, from the type locality.

Current name: *Climocella waenga* Goulstone, 1997 – MolluscaBase (2023).

***Egestula charoformis* N.W. Gardner, 1967**

Gardner, N.W., 1967, p. 218, pl. 1, figs 9, 10.

Holotype: MA71296, collected by N.W. Gardner in April 1965, in open bush, Tapotupotu Bay, Northland, New Zealand.

Paratypes: MA71837, four specimens, from the type locality.

Current name: *Fectola charoformis* (N.W. Gardner, 1967) – MolluscaBase (2023).

***Egestula pandora* N.W. Gardner, 1967**

Gardner, N.W., 1967, pp. 217, 218, pl. 1, figs 7, 8.

Holotype: MA71297, collected by N.W. Gardner in April 1965, in open bush, Tapotupotu Bay, Northland, New Zealand.

Paratypes: MA71836, seven specimens, from the type locality.

Current name: *Egestula pandora* N.W. Gardner, 1967 – MolluscaBase (2023).

***Endodonta (Charopa) alloia* Webster, 1904**

Webster, W.H., 1904, p. 108, fig. 4.

Lectotypification in Climo, F.M., 1970, p. 314.

Lectotype: MA73263, collected by W.H. Webster or his family, Waiuku, Auckland, New Zealand.

Paralectotypes: MA70262, one specimen; MA73264, four specimens; all collected from the type locality.

Current name: *Allodiscus urquharti* Suter, 1894 – MolluscaBase (2023).

***Endodonta (Charopa) benhami* Suter, 1909**

Suter, H., 1909b, pp. 37, 38, pl. 1, figs 12–14.

Syntypes: CM ZS733, 14 specimens; NMNZ M.125543, six specimens

Syntypes: MA73074, two specimens, collected by W.B. Benham in 1907, from under logs, Auckland Islands, New Zealand.

Remarks: It has a label by A.W.B. Powell with ‘cotype’ and a ‘Powell number’ showing it came via Powell’s own collection. Suter (1909: 38) published that the ‘type’ was lodged with CM, but as the primary type cannot be recognised amongst the specimens held there all extant specimens must be treated as syntypes.

Current name: *Loisthodon benhami* (Suter, 1909) – MolluscaBase.

***Endodonta (Charopa) chrysaugia* Webster, 1904**

Webster, W.H., 1904, p. 107, figs 3, 3a.

Lectotypification in Climo, F.M., 1970, p. 292, figs 1A, 6A–C, 6J, 19 G, table 3.

Lectotype: MA70263, collected by W.H. Webster or his family, Waiuku, Auckland, New Zealand.

Paralectotypes: MA71564, 21 specimens, from the type locality.

Remarks: During his examination in 1969 of lot MA71564, Climo identified two of the paralectotypes as juveniles of *Endodonta (Charopa) ochra* Webster, 1904.

Current name: *Paracharopa chrysaugia* (Webster, 1904) – MolluscaBase (2023).

***Endodonta (Charopa) longstaffae* Suter, 1913**

Suter, H., 1913b, p. 333, text figs.

Syntypes: NMNZ M.125124, three specimens.

Syntype: MA72788, one specimen, collected by G.B. Longstaff in 1910, Orepuki, Southland, New Zealand.

Remarks: It has a label by A.W.B. Powell with ‘cotype’ and a ‘Powell number’ showing that it came via Powell’s own collection.

Current name: *Charopa longstaffae* (Suter, 1913) – MolluscaBase (2023).

***Endodonta (Charopa) ochra* Webster, 1904**

Webster, W.H., 1904, p. 107, figs 2, 2a.

Lectotypification in Climo, F.M., 1970, pp. 298, 299.

Lectotype: MA70264, collected by W.H. Webster or his family, Waiuku, Auckland, New Zealand.

Paralectotypes: MA71584, 24 specimens, from the type locality.

Remarks: During his examination of lot MA71584 in 1982, Climo identified amongst the paralectotypes one *Charopa chrysaugia* Webster, 1904, one *Charopa* sp. and one *Climocella* cf. *manawatawhia* (Powell, 1935).

Current name: *Chaureopa titirangiensis* (Suter, 1896) – MolluscaBase (2023).

***Endodonta (Charopa) transenna* Suter, 1904**

Suter, H., 1904, pp. 156, 157, figs 4–6.

Lectotype (designated here): M.102351

Paralectotypes: MA73061, three specimens, collected from the type locality, native bush, Waitākere Ranges, 10 km (6 miles) from Henderson, Auckland, New Zealand.

Remarks: It has a label by A.W.B. Powell with ‘co-type’ and a ‘Powell number’ showing that it came via Powell’s own collection.

Climo (1970: 301) stated that there are a holotype and four paratypes at NMNZ. B.A. Marshall (1996: 40) interpreted these as lectotype (M.102351) and paralectotypes (M.102352). However, neither Climo’s nor Marshall’s designations are valid under ICZN art. 74.5 (B.A. Marshall pers. comm. January 2023). To ensure proper and consistent usage, NMNZ syntype M.102351 is here designated lectotype, with syntypes MA73601 (three) and M.102352 (four) automatically as paralectotypes.

Current name: *Pseudegestula transenna* (Suter, 1904) – MolluscaBase (2023).

***Endodonta (Charopa) vortex microrrhina* Suter, 1909**

Suter, H., 1909c, p. 261, not figured.

Lectotype (designated here): NMNZ M.102364.

Paralectotype: MA73070, one specimen, collected from the type locality, Ormondville, Manawatū-Whanganui, New Zealand.

Remarks: A label with the specimen written by Powell recorded that it is ‘Ex. Suter’. Climo (1970: 327) stated that there are a holotype and two paratypes at NMNZ. B.A. Marshall (1996: 38) interpreted these as lectotype (M.102364) and paralectotypes (M.102365) respectively. However, neither Climo’s nor Marshall’s designations are valid under ICZN art. 74.5 (B.A. Marshall pers. comm. January 2023). To ensure proper and consistent usage, NMNZ M.102364 is here designated lectotype, with MA73070 (one) and M.102365 (two) being paralectotypes.

Current name: *Cavellioropa microrrhina* (Suter, 1909) – MolluscaBase (2023).

***Endodonta (Ptychodon) ureweraensis* Suter, 1899**

Suter, H., 1899, p. 53, pl. 3, figs 7–10.

Lectotype (designated here): NMNZ M.125196

Paralectotype: MA73067, one specimen, collected by A. Hamilton, from the type locality, Ngaputahi, Ikawhenua Range, Bay of Plenty, New Zealand.

Remarks: It has a label written by A.W.B. Powell with ‘co-type’ and a ‘Powell number’ showing that it came via Powell’s own collection.

Climo (1978: 185) assigned the species to a new genus *Mylesia* Climo, 1978 and referred to the holotype at NMNZ (Climo, 1978: fig. 9A). B.A. Marshall (1996: 40) interpreted the type material as lectotype (M.125196) and paralectotype (M.125197). However, neither Climo’s nor Marshall’s designations are valid under ICZN art. 74.5 (B.A. Marshall pers. comm. January 2023). To ensure proper and consistent usage, NMNZ M.125196 is here designated lectotype, with MA73067 (one) and M.125197 (one) being paralectotypes.

Current name: *Huonodon pseudoleiodon* (Suter, 1890) – MolluscaBase (2023).

***Fectola marsupialis* Powell, 1941**

Powell, A.W.B., 1941b, pp. 260, 261, pl. 51, fig. 9.

Holotype: MA70321, collected by A.W.B. Powell on 22 December 1927, Pelorus Bridge, Marlborough, New Zealand.

Paratypes: MA73015, five specimens, from the type locality.

Current name: *Cavellia marsupialis* (Powell, 1941) – MolluscaBase (2023).

***Fectola melchior* Goulstone & Brook, 1999**

Goulstone, J.F. and F.J. Brook, 1999, p. 32, fig. 4B.

Holotype: NMNZ M.140706

Paratypes: MA73163, 30 specimens, collected by F.J. Brook on 28 November 1997, from rock scree under flax in pukunui forest, 90 m elevation on west side of Moekawa/South West Island, Manawatāwhi/Three Kings Islands, New Zealand; MA73164, 20 specimens, collected by F.J. Brook on 29 November 1997, from rock scree under flax in pukunui forest, 120 m elevation on west side of Moekawa/South West Island, Manawatāwhi/Three Kings Islands.

Current name: *Fectola melchior* Goulstone & Brook, 1999 – MolluscaBase (2023).

***Fectola (Subfectola) rakiura* Powell, 1939**

Powell, A.W.B., 1939, p. 238, text figs a–c.

Holotype: MA70322, collected by A.W.B. Powell in November 1934, undersides of leaves along bush track, The Neck, Paterson Inlet, Stewart Island/Rakiura, New Zealand.

Paratype: MA73010, one specimen, from the type locality.

Current name: *Mocella rakiura* (Powell, 1939) – MolluscaBase (2023).

***Flammulina albozonata* N.W. Gardner, 1969**

Gardner, N.W., 1969, pp. 197–199, figs 1–5.

Holotype: MA71322, collected by N.W. Gardner in January 1967, approximately 5 km (3 miles) south of ‘Tane Mahuta’, Waipoua Forest, Northland, New Zealand.

Paratypes: MA71962, two specimens, from the type locality.

Current name: *Flammulina albozonata* N.W. Gardner, 1969 – MolluscaBase (2023).

***Flammulina lateaperta* Dell, 1955**

Dell, R.K., 1955, pp. 1140, 1141, figs 3, 6, 10, 15.

Holotype: NMNZ M.006153

Paratype: MA72992, one specimen, collected by R.K. Dell on 13 March 1949, from the type locality, Stillwater River, Caswell Sound, Southland, New Zealand.

Current name: *Flammulina lateaperta* Dell 1955 – MolluscaBase (2023).

***Flammulina tepakiensis* N.W. Gardner, 1977**

Gardner, N.W., 1977, pp. 8–10, pl. 1, figs 1–5.

Holotype: MA71357, collected by N.W. Gardner on 2 January 1974, from leaf litter, ridge west of ‘Pandora’ Trig, west of Piwhane/Spirits Bay, Northland, New Zealand.

Current name: *Flammulina tepakiensis* N.W. Gardner, 1977 – MolluscaBase (2023).

***Flammulina (Phenacohelix) leptalea* Suter, 1907**

Suter, H., 1907a, p. 237, pl. 22, fig. 4.

Lectotype: NMNZ M.125126

Paralectotype: MA73062, one specimen, collected by [Mr] Strickland, from the type locality, Kaihu, NW of Dargaville, Northland, New Zealand.

Remarks: The specimen in MA73062 was labelled a cotype (= syntype) but Cumber (1961: 179) referred to ‘the type of *P. leptalea* from the Suter collection in the Dominion Museum’. B.A. Marshall (1996: 37) referred to this specimen [M.125126] as the holotype and did not identify further specimens. Since NMNZ M.125126 is one of two original cotypes, under ICZN art. 74.6 Cumber validly designated it as a lectotype. MA73062 is therefore a paralectotype.

Current name: *Phenacohelix pilula* (Reeve, 1852) – MolluscaBase (2023).

***Flammulina (Phenacohelix) ponsonbyi* Suter, 1897**

Suter, H., 1897b, p. 285, text figs p. 284.

Lectotypification in Cumber, R.A., 1961, p. 167, text figs 1–3.

Lectotype: NMNZ M.125160

Paralectotype: MA73082, one specimen, collected [by C. Musson], from the type locality, Mount Wellington lava fields, Auckland, New Zealand.

Current name: *Phenacohelix ponsonbyi* (Suter, 1897) – MolluscaBase (2023).

***Granallodiscus abaxoides* B.A. Marshall & G.M. Barker, 2008**

Marshall, B.A. and G.M. Barker, 2008, pp. 141–145, figs 26D, 32A–E, 33A.

Holotype: NMNZ M.183101

Paratypes: MA73285, three specimens, collected by D.J. Roscoe on 13 April 1985, from the type locality, gully by west end of old bridge, Parapara River valley, south of Collingwood, Tasman, New Zealand.

Current name: *Granallodiscus abaxoides* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Granallodiscus mayhillae* B.A. Marshall & G.M. Barker, 2008**

Marshall, B.A. and G.M. Barker, 2008, pp. 147, 148, figs 26F, 32K–O, 33C.

Holotype: NMNZ M.78739

Paratype: MA73286, one specimen, collected by P.C. Mayhill in August 1982, from the type locality, at 200 m elevation, Hakarimata Track, west of

Ngāruawāhia, Waikato, New Zealand.

Current name: *Granallodiscus mayhillae* B.A. Marshall & G.M. Barker, 2008 – MolluscaBase (2023).

***Helicarion oconnori* Powell, 1941**

Powell, A.W.B., 1942, p. 263, pl. 51, figs 3–5.

Holotype: MA70355, collected by A.C. O’Connor, from under a log, at 762 m (2,500 feet) elevation, Anatoki Forks, Tasman, New Zealand.

Current name: *Maoriconcha oconnori* (Powell, 1941) – MolluscaBase (2023).

***Helicarion (Peloparion) cumberi* Powell 1941**

Powell, A.W.B., 1942, pp. 262, 263, pl. 51, figs 6–8.

Holotype: MA70354, collected [by R.A. Cumber], Maruia Springs, Lewis Pass, West Coast, New Zealand.

Paratypes: MA73013, six specimens; **probable paratypes:** MA73667, three specimens; all from the type locality.

Remarks: Powell listed five paratypes in his handwritten, annotated catalogue (housed in the AM Marine Library) but did not mention paratypes in his description. However, in January 2023 MA73013 contained two tubes, both labelled as paratype lots. One tube contained six specimens, with a Powell label designating them as paratypes. The second tube contained three specimens from the A.E. Brookes Collection and were also labelled paratypes on a Brookes label. Brookes’ collection came to AM after he died in January 1955 and at a time when Powell was the conchology curator. As the author of the name, it is assumed that Powell agreed with the paratype status of the Brookes specimens. The Brookes specimens have now been registered separately as MA73667.

Current name: *Flammoconcha cumberi* (Powell, 1941) – MolluscaBase (2023).

***Helix microundulata* Suter, 1890**

Suter, H., 1890, p. 223, pl. 14, figs 4a–d.

Lectotype (designated here): NMNZ M.125150

Paralectotype: MA73051, one specimen, collected by H. Suter, from the type locality, from under rotten wood and bark, Hastwell, ‘Forty Mile Bush’, Wellington, New Zealand.

Remarks: It has a label by A.W.B. Powell with ‘co-type’ and a ‘Powell number’ showing that it came via Powell’s own collection.

Climo (1978: 185, fig. 10I) figured one of the syntypes held at NMNZ as the holotype but gave no catalogue number. B.A. Marshall (1996: 38) interpreted this as lectotype (M.125150) and the additional syntype as paralectotype (M.125149). However, neither Climo’s nor Marshall’s designations are valid under ICZN art. 74.5 (B.A. Marshall pers. comm. January 2023). To ensure proper and consistent usage, NMNZ M.125150 is here designated lectotype with MA73051 (one) and M.125149 (one) being paralectotypes.

Current name: *Huonodon microundulatum* (Suter, 1890) – MolluscaBase (2023).

***Helix pseudoleioda* Suter, 1890**

Suter, H., 1890, pp. 221, 222, pl. 14, figs 1a–c.

Lectotype (designated here): NMNZ M.125162

Paralectotype: MA73050, one specimen, collected by H. Suter, from the type locality, from under rotten wood and bark, Hastwell, ‘Forty Mile Bush’, Wellington, New Zealand.

Remarks: Climo (1978: fig. 9B) figured one of the syntypes held at NMNZ as the holotype but gave no catalogue number. B.A. Marshall (1996: 39) interpreted this as lectotype (M.125162) and additional syntypes as paralectotypes (M.125161). However, neither Climo’s nor Marshall’s designations are valid under ICZN art. 74.5 (B.A. Marshall pers. comm. January 2023). To ensure proper and consistent usage, NMNZ M.125162 is here designated lectotype with MA73050 (one) and M.125161 (four) being paralectotypes.

Current name: *Huonodon pseudoleiodon* (Suter, 1890) – MolluscaBase (2023).

***Helix wairarapa* Suter, 1890**

Suter, H., 1890, p. 222, pl. 14, figs 2a–c.

Lectotype (designated here): NMNZ M. 125199

Paralectotype: MA73052, one specimen, collected by H. Suter, from the type locality, from under rotten bark, Hastwell, ‘Forty Mile Bush’, Wellington, New Zealand.

Remarks: It has a label by A.W.B. Powell with ‘co-type’ and a ‘Powell number’ showing that it came via Powell’s own collection.

Climo (1978: 183, fig. 9C) figured one of the syntypes held at NMNZ as the holotype but gave no catalogue number. B.A. Marshall (1996: 40) interpreted these as lectotype (M.125199) and the additional syntypes as paralectotypes (M.125198). However, neither Climo’s nor Marshall’s designations are valid under ICZN art. 74.5 (B.A. Marshall pers. comm. January 2023). To ensure proper and consistent usage, NMNZ M.125199 is here designated lectotype with MA73052 (one) and M.125198 (two) being paralectotypes.

Current name: *Mitodon wairarapa* (Suter, 1890) – MolluscaBase (2023).

***Maoriconcha fiordlandica* Dell, 1952**

Dell, R.K., 1952b, pp. 64, 65, figs 1–3, 5.

Holotype: NMNZ M.005451

Paratypes: MA72983, two specimens, collected by R.K. Dell in February 1949, from the type locality, head of Caswell Sound, Southland, New Zealand; MA72984, two specimens in the spirit collection, collected by R.K. Dell on 22 March 1949, from the type locality.

Current name: *Maoriconcha fiordlandica* Dell, 1952 – MolluscaBase (2023).

***Mocella manawatawhia* Powell, 1935**

Powell, A.W.B., 1935a, p. 246, pl. 26, figs 6–8.

Holotype: MA70482, collected by A.W.B. Powell in February 1934, from leaf mould 137 m (150 yards) ‘up valley SW of the provision depot’, Manawatawhi/Great

Island, Manawatawhi/Three Kings Islands, New Zealand.

Paratypes: MA73205, three specimens, from the type locality.

Current name: *Climocella manawatawhia* (Powell, 1935) – MolluscaBase (2023).

***Patula bianca montana* Suter, 1891**

Suter, H., 1891, p. 88, pl. 17, figs K, L.

Climo, F.M., 1970, p. 336, figs 2B, 13A, 16D, pl. 9B, table 16.

Lectotype: NMNZ M.022402

Paralectotype: MA73022, one specimen, collected by H. Suter, from the type locality, from under rotten logs and dead leaves in subalpine bush, White Horse Hill, Hooker Valley, Canterbury, New Zealand.

Current name: *Calymna montana* (Suter, 1891) – MolluscaBase (2023).

***Patula colensoi* Suter, 1890**

Suter, H., 1890, p. 225, pl. 14, figs 7a, b.

Syntypes: NMNZ M.125084, five specimens.

Syntype: MA73053, one specimen, collected by H. Suter, from under rotten wood and dead leaves, Hastwell, ‘Forty Mile Bush’, Wellington, New Zealand.

Remarks: It has a label by A.W.B. Powell with ‘paratype’, but as the primary type cannot be recognised amongst the specimens held at NMNZ the AM specimen must be treated as a syntype.

Current name: *Cavellia colensoi* (Suter, 1890) – MolluscaBase (2023).

***Patula infecta alpestris* Suter, 1891**

Suter, H., 1891, p. 88, not figured.

Syntypes: NMNZ M.125093, four specimens.

Syntype: MA73059, one specimen, collected by H. Suter, from amongst decaying leaves in subalpine bush, White Horse Hill, Hooker Valley, Canterbury, New Zealand.

Current name: *Cavellia buccinella* (Reeve, 1852) – MolluscaBase (2023).

***Patula infecta irregularis* Suter, 1890**

Suter, H., 1890, pp. 224, 225, pl. 14, figs 6a, b.

Syntypes: NMNZ M.125120, three specimens.

Syntype: MA73060, one specimen, collected by H. Suter, from under rotten wood and dead leaves, Hastwell, ‘Forty Mile Bush’, Wellington, New Zealand.

Remarks: It has a label by A.W.B. Powell with ‘paratype’, but as the primary type can not be recognised amongst the specimens held at NMNZ the AM specimen must be treated as a syntype.

Current name: *Cavellia irregularis* (Suter, 1890) – MolluscaBase (2023).

***Patula jessica* F.W. Hutton, 1883**

Hutton, F.W., 1883, p. 475.

Lectotypification in Brook, F.J. *et al.*, 2020, pp. 28, 29, pl. 3, fig. C.

Lectotype: NMNZ M.34443 [ex M.125544]

Paralectotypes: MA72976, five specimens, collected by J. von Haast, Bealey Flat, Canterbury, New Zealand.

Current name: *Fectola jessica* (F.W. Hutton, 1883) – MolluscaBase (2022).

***Patula mutabilis* Suter, 1891**

Suter, H., 1891, pp. 84, 85, pl. 16, figs 2a, b, B, C.

Syntypes: NMNZ M.125130, seven specimens.

Syntype: MA73057, one specimen, collected by H. Suter, from under rotten wood and dead leaves in subalpine bush, White Horse Hill, Hooker Valley, Canterbury, New Zealand.

Current name: *Cavellia sylvia* (F.W. Hutton, 1883) – MolluscaBase (2023).

***Patula sterkiana* Suter, 1891**

Suter, H., 1891, pp. 85, 86, pl. 16, figs 3a, b, D, E.

Syntypes: NMNZ M.125185, four specimens.

Syntype: MA73058, one specimen, collected by H. Suter, from under rotten wood and dead leaves in subalpine bush, White Horse Hill, Hooker Valley, Canterbury, New Zealand.

Current name: *Cavellia sterkiana* (Suter, 1891) – MolluscaBase (2023).

***Patula sterkiana major* Suter, 1892**

Suter, H., 1892, p. 295, not figured.

Syntypes: NMNZ M.125132, four specimens.

Syntype: MA73076, one specimen, collected by J.T. Bryant, from the type locality, Owaka, Otago, New Zealand.

Current name: *Cavellia sterkiana* (Suter, 1891) – MolluscaBase (2023).

***Phelussa elliotiae* N.W. Gardner, 1968**

Gardner, N.W., 1968, pp. 161, 162, pl. 1, figs 7–9.

Holotype: MA71318, collected by B. Elliott in January 1966, from collapsed *Powelliphanta* shells, Fenian Track, Ōpārara, West Coast, New Zealand.

Current name: *Canallodiscus elliotiae* (N.W. Gardner, 1968) – MolluscaBase (2023).

***Phelussa oconnori* Powell, 1941**

Powell, A.W.B., 1941b, pp. 261, 262, pl. 51, figs 12, 13.

Holotype: MA70618, collected by A.C. O'Connor, at 152 m (500 feet) elevation, 'Cole's Flat', Anatoki River, Tasman, New Zealand.

Paratypes: MA73014, 15 specimens, from the type locality.

Current name: *Phacussa oconnori* (Powell, 1941) – MolluscaBase (2023).

***Phenacohelix aurea* Goulstone, 2001**

Goulstone, J.F., 2001, pp. 41–46, figs 1, 12.

Holotype: MA73168, collected by J.F. Goulstone on 21 August 1998, in fallen nīkau fronds (*Rhopalostylis sapida*), at 67 m elevation, Lake Ototoa Scenic Reserve, Auckland, New Zealand.

Paratypes: MA73169, two specimens, from the type locality.

Remarks: The specimen was broken during preparation for imaging.

Current name: *Phenacohelix aurea* Goulstone, 2001 – MolluscaBase (2023).

***Phenacohelix brooki* Goulstone, 2001**

Goulstone, J.F., 2001, pp. 46–49, figs 2, 12.

Holotype: MA73170, collected by F.J. Brook on 5 November 1994, Karaka Point, Whangamumu, Northland, New Zealand.

Paratypes: MA73171, five specimens, from the type locality.

Current name: *Phenacohelix brooki* Goulstone, 2001 – MolluscaBase (2023).

***Phenacohelix hakarimata* Goulstone, 2001**

Goulstone, J.F., 2001, pp. 52–56, figs 4, 12.

Holotype: MA73172, collected by P.C. Mayhill on 1 January 1984, from 158 m elevation, Hakarimata Range, Waikato, New Zealand.

Paratypes: MA73173, 16 specimens, from the type locality.

Current name: *Phenacohelix hakarimata* Goulstone, 2001 – MolluscaBase (2023).

***Phenacohelix mahlfeldae* Goulstone, 2001**

Goulstone, J.F., 2001, pp. 59–63, figs 6, 12.

Holotype: MA73174, collected by P.C. Mayhill on 1 January 1994, at 210 m elevation, Dolamore Park, Croydon Bush, Southland, New Zealand.

Paratypes: MA73175, four specimens, collected by J.F. Goulstone on 22 February 1995, from kahikatea litter, Croydon Bush, Southland, New Zealand.

Current name: *Phenacohelix mahlfeldae* Goulstone, 2001 – MolluscaBase (2023).

***Phenacohelix (Neophenacohelix) giveni* Cumber, 1961**

Cumber, R.A., 1961, pp. 169–177, text figs 1(4–6).

Holotype: NMNZ M.020254

Paratypes: MA73007, six specimens, collected by R.A. Cumber on 9 July 1958, from the type locality, Clevedon, Auckland, New Zealand.

Current name: *Neophenacohelix giveni* (Cumber, 1961) – MolluscaBase (2023).

***Pityis cryptobidens* Suter, 1891**

Suter, H., 1891, pp. 89, 90, pl. 17, figs 7a, b, c, M, N.

Lectotypification in B.A. Marshall & G.M. Barker, 2008, pp. 106, 107, figs 10J, 15K–O, 16D, 17A.

Lectotype: NMNZ M.125092

Paralectotype: MA73064, one specimen, collected by H. Suter, from amongst leaf mould in subalpine bush, White Horse Hill, Hooker Valley, Canterbury, New Zealand.

Current name: *Allodiscus cryptobidens* (Suter, 1891) – MolluscaBase (2023).

***Ptychodon blacki* Dell, 1955**

Dell, R.K., 1955, pp. 1142, 1143, figs 9, 12, 13.

Holotype: NMNZ M.006156

Paratypes: MA72993, two specimens, collected by R.K. Dell on 15 March 1949, from 914 m (3000 feet) elevation, ‘Leslie Clearing’, Caswell Sound, Southland, New Zealand.

Current name: *Ptychodon blacki* Dell, 1955 – MolluscaBase (2023).

***Ptychodon fiordlandica* Dell, 1955**

Dell, R.K., 1955, pp. 1143, 1144, figs, 4, 14.

Holotype: NMNZ M.006157

Paratypes: MA72994, two specimens, collected by G.W. Ramsay on 9 February 1953, from the type locality, Lake Poteriteri, Southland, New Zealand.

Current name: *Huonodon hectori* (Suter, 1890) – MolluscaBase (2023).

***Ptychodon gadus* Dell, 1954**

Dell, R.K., 1954, pp. 142, 143, pl. 7, figs 11, 12.

Holotype: NMNZ M.005709

Paratypes: MA72989, three specimens, collected by R.K. Dell in November 1948, from the type locality, Sealers Bay, Codfish Island/Whenua Hou, Southland, New Zealand.

Current name: *Huonodon gadus* (Dell, 1954) – MolluscaBase (2023).

***Ptychodon monoplax hiarara* Dell, 1954**

Dell, R.K. 1954, p. 143, pl. 7, fig. 9.

Holotype: NMNZ M.005711

Paratypes: MA72990, three specimens, collected by R.K. Dell on 6 November 1948, from the type locality, Sealers Bay, Codfish Island/Whenua Hou, Southland, New Zealand.

Current name: *Alsolemia monoplax* (Suter, 1913) – MolluscaBase (2023).

***Ptychodon monoplax takahea* Dell, 1955**

Dell, R.K., 1955, p. 1142, not figured.

Holotype: NMNZ M.006155

Paratype: MA72991, one specimen, collected by J.H. Sorensen on 11 November 1949, from the type locality, from leaf mould, ‘Notornis Valley’, west of middle arm of Lake Te Anau, Southland, New Zealand.

Current name: *Alsolemia monoplax* (Suter, 1913) – MolluscaBase (2023).

† *Ptychodon suteri* Murdoch & Finlay, 1923

Murdoch, R. and H.J. Finlay, 1923, p. 133, pl. 17, fig. 2.

Holotype: MA70649, collected by H.J. Finlay in 1921, 400–600 m (20–30 chains) north of Akatore [Akatoa sic] Creek, Otago, New Zealand.

Paratypes: MA73005, 31 specimens, from the type locality.

Current name: *Mitodon suteri* (Murdoch & Finlay, 1923) – MolluscaBase (2023).

***Suteria raricostata* Cumber, 1962**

Cumber, R.A., 1962, pp. 50, 51, pl. 1, fig. 1A–D.

Holotype: NMNZ M.016935

Paratype: MA73006, one specimen, collected by R.A. Cumber in July 1948 or August 1961, from the type locality, in bush under logs, Awakino Gorge, Waikato, New Zealand.

Current name: *Suteria raricostata* Cumber, 1962 – MolluscaBase (2023).

***Thalassohelix prousei* Powell, 1952**

Powell, A.W.B., 1952a, p. 164, text figs 4–6, 8, 9.

Holotype: MA71181, collected ‘in small patch of bush on the property of [Mr] H. S. Prouse’, Paturau River, Tasman, New Zealand.

Paratypes: MA82311, 69 specimens, from the type locality.

Current name: *Phacussa prousei* (Powell, 1952) – MolluscaBase (2023).

***Thaumatodon mira* Webster, 1908**

Webster, W.H., 1908, p. 257, pl. 21, fig. 23.

Holotype: MA70762, collected by W.H. Webster or family, Waiuku, Auckland, New Zealand.

Current name: *Fectola mira* (Webster, 1908) – MolluscaBase (2023).

***Therasia antipoda chathamensis* Suter, 1909**

Suter, H., 1909c, p. 259, pl. 11, fig. 20.

Syntype: NMNZ M.088203, seven specimens.

Syntypes: MA73069, three specimens, collected by F.W. Hutton, Chatham Islands, New Zealand.

Remarks: It has a label by A.W.B. Powell with ‘cotype’ and a ‘Powell number’ showing that it came via Powell’s own collection.

Current name: *Thalassohelix chathamensis* (Suter, 1909) – MolluscaBase (2023).

***Therasia pectinifera* Powell, 1935**

Powell, A.W.B., 1935a, pp. 245, 246, pl. 26, figs 3–5.

Holotype: MA70763, collected by A.W.B. Powell in February 1934, from leaf mould 137 m (150 yards) ‘up valley SW of the provision depot’, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA73020, seven specimens, from the type locality.

Current name: *Therasiella pectinifera* (Powell, 1935) – MolluscaBase (2023).

***Therasiella elevata* Cumber, 1967**

Cumber, R.A., 1967a, p. 63, figs 1D–F, 4B, 5B.

Holotype: MA71311, collected by R.A. Cumber on 22 September 1958, Herekino, Northland, New Zealand.

Current name: *Therasiella elevata* Cumber, 1967 – MolluscaBase (2023).

***Therasiella neozelanica* Cumber, 1967**

Cumber, R.A., 1967a, pp. 63–65, figs 1G–I, 4C, 5C.

Holotype: MA71309, collected by R.A. Cumber on 13 February 1957, Waioeka Gorge, Bay of Plenty, New Zealand.

Current name: *Therasiella neozelanica* Cumber, 1967 – MolluscaBase (2023).

***Therasiella serrata* Cumber, 1967**

Cumber, R.A., 1967a, pp. 62, 63, figs 1A–C, 4A, 5A.

Holotype: MA71310, collected by R.A. Cumber on 1 October 1959, Mangamuka Gorge, Northland, New Zealand.

Current name: *Therasiella serrata* Cumber, 1967 – MolluscaBase (2023).

Family ENDODONTIDAE***Endodonta concentrata* Pilsbry & Vanatta, 1905**

Pilsbry, H.A. and E.G. Vanatta, 1905, p. 785, pl. 43, figs 5, 6.

Holotype: ANSP 89241

Paratypes: MA73658, seven specimens, collected by D. Thaanum, from the type locality, Lanai, Hawaii, United States of America.

Current name: *Endodonta concentrata* Pilsbry & Vanatta, 1905 – MolluscaBase (2023).

Superfamily UROCOPTOIDEA**Family UROCOPTIDAE*****Acrocoptis euclasta* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1610, not figured.

Syntypes: MA73539, two specimens, collected by P.J. Bermúdez, Loma Espinosa, south of Chambas, Ciego de Ávila Province, Cuba.

Current name: *Acrocoptis euclasta* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Acrocoptis rosaperdita* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1610, not figured.

Syntypes: MA73536, two specimens, collected by P.J. Bermúdez, Mayajigua, ‘Rosa Perdida’, Sancti Spiritus Province, Cuba.

Current name: *Acrocoptis rosaperdita* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Callocoptis hubbardi* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1611, not figured.

Syntypes: MA73540, four specimens, collected by M.L. Jaume, ‘El Cejanal’, Pinar del Río, Sierra El Abra, Cuba.

Remarks: A.W.B. Powell labelled the specimens as paratypes. However, according to Kabat *et al.* (2012: 50) the types were not fixed according to ICZN Code [1999] Article 73.2 and any type material should therefore be treated as syntypes.

Current name: *Callocoptis hubbardi* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

Centralia (Centralia) concolor concolor

C. de la Torre & Bartsch, 1972

Torre, de la, C. and P. Bartsch, 1972, p. 1596, not figured.

Syntypes: MA73537, two specimens, collected by M.L. Jaume, Dos Sierras, near Buenavista, Villa Clara, Cuba.

Remarks: See notes for MA73540 above.

Current name: *Centralia concolor* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

Centralia (Centralia) turgida doloresensis

C. de la Torre & Bartsch, 1972

Torre, de la, C. and P. Bartsch, 1972, p. 1595, not figured.

Syntypes: MA73543, three specimens, collected by M.L. Jaume, hill near Ingenio Dolores, SE of Caibarien, Villa Clara, Cuba.

Remarks: See notes for MA73540 above.

Current name: *Centralia turgida doloresensis* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Centralia (Mimiaxis) tuba distanter* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1594, not figured.

Syntypes: MA73503, four specimens, collected by M.L. Jaume, ‘Las Villas, Loma Platero’, Villa Clara, Cuba.

Remarks: See notes for MA73540 above.

Current name: *Centralia tuba distanter* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Centralia (Mimiaxis) yaguajayensis* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1593, not figured.

Syntypes: MA73504, three specimens, collected by M.L. Jaume, between Yaguajay and Iguara, Sancti Spiritus, Cuba.

Remarks: See notes for MA73540 above.

Current name: *Centralia yaguajayensis* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Gongylostoma michaeli* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1601, not figured.

Syntypes: MA73538, two specimens, collected by M.L. Jaume, Finca Almeida near Pipian, Madruga, La Habana, Cuba.

Remarks: See notes for MA73540 above.

Current name: *Gongylostoma michaeli* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Gongylostoma pipianensis* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1601, not figured.

Syntypes: MA73498, two specimens, collected by M.L. Jaume, Pipian, Mayabeque, Cuba.

Current name: *Gongylostoma pipianensis* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Heterocoptis (Asthenocoptis) mellacea* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1555, not figured.

Syntypes: MA73502, two specimens, collected by M.L. Jaume, Finca Yanes, Mata, Villa Clara, Cuba.

Current name: *Heterocoptis mellacea* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Heterocoptis (Bermudezicoptis) bermudezi* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1554, not figured.

Syntypes: MA73499, three specimens, collected by M.L. Jaume, Cueva Galana, Calabazar de Sagua, Villa Clara, Cuba.

Current name: *Heterocoptis bermudezi* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Heterocoptis (Cavicoptis) clava* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1552, not figured.

Syntype: MA73531, one specimen, collected by M.L. Jaume, extreme east of the Sierra de San Martin de Biaya, Camagüey, Cuba.

Current name: *Heterocoptis clava* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Heterocoptis (Clenchicoptis) biayaensis* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1554, not figured.

Syntypes: MA73500, two specimens, collected by M.L. Jaume, extreme east of the Sierra de San Martin de Biaya, Camagüey, Cuba.

Current name: *Heterocoptis biayaensis* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Heterocoptis (Heterocoptis) bicorda* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1553, not figured.

Syntypes: MA73501, two specimens, collected by M.L. Jaume, Loma Gabino Galvez, Guayos, Sancti Spiritus, Cuba.

Current name: *Heterocoptis bicorda* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Heterocoptis (Heterocoptis) jovai* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1553, not figured.

Syntypes: MA73532, two specimens, collected by M.L. Jaume, Loma Cuava Galana, Calabazar de Sagua, Villa Clara, Cuba.

Current name: *Heterocoptis jovai* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Heterocoptis (Heterocoptis) morenoi* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1553, not figured.

Syntypes: MA73533, four specimens, collected by M.L. Jaume, Finca San Francisco, Palmarejo, Villa Clara, Cuba.

Current name: *Heterocoptis morenoi* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Heterocoptis (Heterocoptis) najazaensis* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1553, not figured.

Syntypes: MA73534, three specimens, collected by M.L. Jaume, Sierra de Najasa, Camagüey, Cuba.

Current name: *Heterocoptis najazaensis* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Liocallonia (Cenocoptis) bierigi* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1613, not figured.

Syntype: MA73541, one specimen, collected by M.L. Jaume, La Esperanza, south of Sierra Andres, Pinar del Río, Cuba.

Current name: *Liocallonia bierigi* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Tetrentodon (Gravicoptis) insufflatus* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1529, not figured.

Syntypes: MA73530, four specimens, collected by M.L. Jaume, Sierra de Najasa, Camagüey, Cuba.

Current name: *Tetrentodon insufflatus* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Tetrentodon (Tetrentodon) grillensis* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1531, not figured.

Syntypes: MA73528, four specimens, collected by M.L. Jaume, from 'Sierra del Grillo', Madruga, Havana Province, Cuba.

Current name: *Tetrentodon grillensis* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Tetrentodon (Tetrentodon) palmeri* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1532, not figured.

Syntypes: MA73529, five specimens, collected by M.L. Jaume, Loma del Mirador, San Diego del Valle, Villa Clara, Cuba.

Current name: *Tetrentodon palmeri* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Torrecoptis costellaris costellaris* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1545, not figured.

Syntypes: MA73514, four specimens, collected by M.L. Jaume, Loma Murcielagos, near Vega Alta, Villa Clara, Cuba.

Current name: *Torrecoptis costellaris* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Torrecoptis depressicostata* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1543, not figured.

Syntypes: MA73522, five specimens, collected by M.L. Jaume, El Purio, Calabazar de Sagua, Villa Clara, Cuba.

Current name: *Torrecoptis depressicostata* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Torrecoptis dorotheae* C. de la Torre & Bartsch, 1972**
Torre, de la, C. and P. Bartsch, 1972, p. 1541, not figured.

Syntypes: MA73521, two specimens, collected by M.L. Jaume, Loma 'La Cantarilla', San Juan de los Yeras, Villa Clara, Cuba.

Current name: *Torrecoptis dorotheae* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Torrecoptis eustriata* C. de la Torre & Bartsch, 1972**
Torre, de la, C. and P. Bartsch, 1972, p. 1540, not figured.

Syntypes: MA73526, four specimens, collected by M.L. Jaume, San José, Rancho Veloz, Villa Clara, Cuba.

Current name: *Torrecoptis eustriata* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Torrecoptis fuscula* C. de la Torre & Bartsch, 1972**
Torre, de la, C. and P. Bartsch, 1972, p. 1542, not figured.

Syntypes: MA73523, three specimens, collected by M. L. Jaume, Alturas de El Yigre, Yaguajay, Sancti Spiritus, Cuba.

Current name: *Torrecoptis fuscula* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Torrecoptis minaensis* C. de la Torre & Bartsch, 1972**
Torre, de la, C. and P. Bartsch, 1972, p. 1542, not figured.

Syntypes: MA73527, four specimens, collected by M.L. Jaume, Finca Jaguayay, Minas, Camagüey, Cuba.

Current name: *Torrecoptis minaensis* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Torrecoptis nataliae* C. de la Torre & Bartsch, 1972**
Torre, de la, C. and P. Bartsch, 1972, p. 1543, not figured.

Syntypes: MA73524, six specimens, collected by M.L. Jaume, Loma Castellanos, near Calabazar de Sagua, Villa Clara, Cuba.

Current name: *Torrecoptis nataliae* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Torrecoptis oleacea* C. de la Torre & Bartsch, 1972**
Torre, de la, C. and P. Bartsch, 1972, p. 1541, not figured.

Syntypes: MA73516, six specimens, collected by M.L. Jaume, Mogote 'Chicharrón', near Vega Alta, Villa Clara, Cuba.

Current name: *Torrecoptis oleacea* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Torrecoptis paucicostata* C. de la Torre & Bartsch, 1972**
Torre, de la, C. and P. Bartsch, 1972, p. 1542, not figured.

Syntypes: MA73517, three specimens, collected by M.L. Jaume, La Rubia, Sugua La Grande, Villa Clara, Cuba.

Current name: *Torrecoptis paucicostata* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Torrecoptis polita* C. de la Torre & Bartsch, 1972**
Torre, de la, C. and P. Bartsch, 1972, p. 1542, not figured.

Syntypes: MA73518, six specimens, collected by M.L. Jaume, Mogote 'Charco Maja', west of the highway between Remedios and Zulueta, Villa Clara, Cuba.

Current name: *Torrecoptis polita* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Torrecoptis purioensis* C. de la Torre & Bartsch, 1972**
Torre, de la, C. and P. Bartsch, 1972, p. 1541, not figured.

Syntypes: MA73525, five specimens, collected by M.L. Jaume, Loma del Purio, Calabazar de Sagua, Villa Clara, Cuba.

Current name: *Torrecoptis purioensis* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Torrecoptis recticostata* C. de la Torre & Bartsch, 1972**
Torre, de la, C. and P. Bartsch, 1972, p. 1542, not figured.

Syntypes: MA73520, four specimens, collected by M.L. Jaume, Guainabo, Yaguajay, Sancti Spiritus, Cuba.

Current name: *Torrecoptis recticostata* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Torrecoptis serrana* C. de la Torre & Bartsch, 1972**
Torre, de la, C. and P. Bartsch, 1972, p. 1542, not figured.

Syntypes: MA73519, five specimens, collected by M.L. Jaume, La Sierra, Vega Alta, Villa Clara, Cuba.

Current name: *Torrecoptis serrana* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Trilamellaxis proteus turgens* C. de la Torre & Bartsch, 1972**

Torre, de la, C. and P. Bartsch, 1972, p. 1624, not figured.

Syntypes: MA73542, two specimens, collected by M.L. Jaume, Finca 'El Mamey', Buenavista, Villa Clara, Cuba.

Current name: *Trilamellaxis proteus turgens* C. de la Torre & Bartsch, 1972 – MolluscaBase (2023).

***Urocoptis acicularis* C. de la Torre, 1912**

Torre, de la, C., 1912b, p. 68, pl. 6, fig. 6.

Paratypes: MA73367, three specimens, collected by C. de la Torre, from stones and walls, Chinchilla and the Mogotes de las Tumaguas, Sagua la Grande, Santa Clara Province, Cuba.

Current name: *Torrecoptis acicularis* (C. de la Torre, 1912) – MolluscaBase (2023).

***Urocoptis bacillaris sordidula* C. de la Torre, 1912**

Torre, de la, C., 1912b, p. 66, pl. 6, fig. 11.

Paratypes: MA73366, five specimens, collected by C. de la Torre, from the stones on the road east of El Bano de Mayajigua, Santa Clara Province, Cuba.

Current name: *Torrecoptis bacillaris sordidula* (C. de la Torre, 1912) – MolluscaBase (2023).

***Urocoptis heterosculpta* C. de la Torre, 1932**

Torre, de la, C., 1932, p. 88, pl. 6, fig. 11.

Holotype: MCZ 47987

Paratypes: MA73368, five specimens, collected by C.G. Aguayo, from stone walls of 'Finca El Inglis', near Sierra del Grillo, Madruga, Havana Province, Cuba.

Current name: *Gongylostoma heterosculpta* (de la Torre, 1932) – MolluscaBase (2023).

Urocoptis livida atkinsi C. de la Torre & Clench, 1930
Torre, de la, C. and W. J. Clench, 1930, p. 15, pl. 2, figs 5, 6.

Holotype: MCZ 59108

Paratypes: MA70643, 26 specimens, collected by W.J. Clench and C. Goodrich in 1927 and C.G. Aguayo and C. de la Torre in 1928, from Vilches Potrero, Central Soledad, Cienfuegos, Cuba.

Current name: *Torrecoptis atkinsi* (C. de la Torre & Clench, 1930) – MolluscaBase (2023).

Urocoptis livida barbouri C. de la Torre & Clench, 1930
Torre, de la, C. and W. J. Clench, 1930, p. 15, 16, pl. 2, figs 7–9.

Holotype: MCZ 59111

Paratypes: MA70329, 26 specimens; MA70836, 22 specimens, all collected by W.J. Clench and C. Goodrich in 1927, from La Portuguesa, Central Soledad, Cienfuegos, Cuba.

Current name: *Torrecoptis barbouri* (C. de la Torre & Clench, 1930) – MolluscaBase (2023).

Urocoptis scalarina portuondi C. de la Torre, 1932
Torre, de la, C., 1932, p. 88, pl. 6, fig. 12.

Holotype: MCZ 47901

Paratypes: MA73371, five specimens, collected by E. Portuondo, from Sierra del Grillo, Madruga, Mayabeque Province, Cuba.

Current name: *Tetrentodon portuondi* (de la Torre, 1932) – MolluscaBase (2023).

Urocoptis (Gongylostoma) alvearis C. de la Torre, 1911
Torre, de la, C., 1911b, p. 78, pl. 7, figs 35–38.

Lectotype: ANSP 107692

Probable paralectotypes: MA70744, two specimens, collected by C. de la Torre, from La Puntilla, near Remedios, Santa Clara Province, Cuba.

Remarks: De la Torre (1911b) did not designate a type. Subsequently, specimens held at ANSP were designated as lectotype and paralectotypes, but a published lectotypification has not been sighted. The AM specimens are here regarded as probable paralectotypes.

Current name: *Centralia alvearis* (C. de la Torre, 1911) – MolluscaBase (2023).

Urocoptis (Gongylostoma) dilatata C. de la Torre, 1911
Torre, de la, C., 1911a, pp. 47, 48, pl. 6, figs 28, 29, 34.

Lectotype: ANSP 107712

Probable paralectotypes: MA70644, three specimens, collected by C. de la Torre, from Sierra de Boquerón del Jatibonico at the boundary between Santa Clara and Camagüey Provinces, Cuba.

Remarks: De la Torre (1911a) did not designate a type. Subsequently, specimens held at ANSP were designated as lectotype and paralectotypes, but a published lectotypification has not been sighted. The AM specimens are here regarded as probable paralectotypes.

Current name: *Centralia dilatata* (C. de la Torre, 1911) – MolluscaBase (2023).

Urocoptis (Gongylostoma) livida C. de la Torre, 1912
Torre, de la, C., 1912a, p. 56, pl. 6, figs 21, 22.

Lectotype: ANSP 106381

Probable paralectotypes: MA73364, five specimens, collected by C. de la Torre, from walls and stones at El Palenque de Taguayabon and La Puntilla, near Remedios, Santa Clara Province, Cuba.

Remarks: De la Torre (1912a) did not designate a type. Subsequently, specimens held at ANSP were designated as lectotype and paralectotypes, but a published lectotypification has not been sighted. The AM specimens are here regarded as probable paralectotypes.

Current name: *Torrecoptis livida* (C. de la Torre, 1912) – MolluscaBase (2023).

Urocoptis (Gongylostoma) pallidula C. de la Torre, 1912
Torre, de la, C., 1912a, p. 57, pl. 6, figs 18–20.

Lectotype: ANSP 106380

Probable paralectotypes: MA73365, three specimens, collected by C. de la Torre, from walls and stones at Mogotes de las Jumaguas, Sagua la Grande, Santa Clara Province, Cuba.

Remarks: De la Torre (1912a) did not designate a type. Subsequently, specimens held at ANSP were designated as lectotype and paralectotypes, but a published lectotypification has not been sighted. The AM specimens are here regarded as probable paralectotypes.

Current name: *Torrecoptis pallidula* (C. de la Torre, 1912) – MolluscaBase (2023).

Urocoptis (Gongylostoma) proteus C. de la Torre, 1911
Torre, de la, C., 1911a, p. 43, pl. 4, figs 2, 3, 6.

Lectotype: ANSP 107708

Probable paralectotypes: MA30354 two specimens, collected from the type locality, near Seibabo de Yaguajay, Santa Clara Province, Cuba.

Remarks: De la Torre (1911a) did not designate a type. Subsequently, specimens held at ANSP were designated as lectotype and paralectotypes, but a published lectotypification has not been sighted. The AM specimens are here regarded as probable paralectotypes.

Current name: *Trimellaxis proteus* (C. de la Torre, 1911) – MolluscaBase (2023).

Urocoptis (Gongylostoma) remediensis
C. de la Torre, 1911

Torre, de la, C., 1911a, pp. 44, 45, pl. 5, figs 13, 14.

Lectotype: ANSP 107693

Probable paralectotypes: MA70873, three specimens, collected near Remedios, Santa Clara Province, Cuba.

Remarks: De la Torre (1911) did not designate a type. Subsequently, specimens held at ANSP were designated as lectotype and paralectotypes, but a published lectotypification has not been sighted. The AM specimens are here regarded as probable paralectotypes.

Current name: *Trilamellaxis remediensis* (C. de la Torre, 1911) – MolluscaBase (2023).

***Urocoptis (Gongylostoma) tuba* C. de la Torre, 1911**

Torre, de la, C., 1911b, pp. 78, 79, pl. 6, figs 27, 30, 31.

Lectotype: ANSP 107714

Probable paralectotypes: MA30355, three specimens, collected from the type locality, Cerro de Guajahana near Clabrien, Santa Clara Province, Cuba.

Remarks: De la Torre (1911b) did not designate a type. Subsequently, specimens held at ANSP were designated as lectotype and paralectotypes, but a published lectotypification has not been sighted. The AM specimens are here regarded as probable paralectotypes.

Current name: *Centralia tuba* (C. de la Torre, 1911) – MolluscaBase (2023).

Family CERIONIDAE***Cerion gundlachi bermudezi* Aguayo & Jaume, 1951**

Aguayo, C.G. and M.L. Jaume, 1951, p. 4, pl. 2, fig. 9.

Holotype: MNHFP 17251

Paratypes: MA73544, three specimens, collected by P.J. Bermúdez, Punta Brava, Caibarien, Villa Clara, Cuba.

Current name: *Cerion gundlachi bermudezi* Aguayo & Jaume, 1951 – MolluscaBase (2023).

***Cerion huntingtoni* Clench, 1938**

Clench, W.J., 1938, p. 526, pl. 3, figs 1–3.

Holotype: MCZ 106956

Paratypes: MA 73655, two specimens, collected by E. Williams in July 1935, from the type locality, Columbus Point, SE tip of Cat Island, Commonwealth of The Bahamas.

Current name: *Cerion agassizii* Dall, 1894 – MolluscaBase (2023).

***Cerion monaense* Clench, 1951**

Clench, W.J., 1951, pp. 274, 275, figs 7–11.

Holotype: MCZ 171019

Paratypes: MA73656, four specimens, collected by P. Bartsch on 11 February 1933, Isabella Anchorage, Mona Island, Puerto Rico, United States of America.

Current name: *Cerion striatellum* (Guérin-Ménéville, 1829) – MolluscaBase (2023).

***Cerion paucicostatum indianorum* Clench, 1934**

Clench, W.J., 1934b, pp. 210–212, pl. 2, fig. F.

Holotype: MCZ 103065

Paratypes: MA73651, 13 specimens, collected by T. Barbour and J.C. Greenway in February 1934, from the type locality, Millers [Millars] Hill, south Eleuthera, Commonwealth of The Bahamas.

Remarks: These are paratypes of *C. paucicostatum* Clench, 1934 (non Pilsbry, 1929) = *C. indianorum* Clench, 1934. See Boyko and Rosenberg (1999: 47) for notes on type status.

Current name: *Cerion indianorum* Clench, 1934 – MolluscaBase (2023).

***Cerion piraticus* Clench, 1937**

Clench, W.J., 1937a, 64, 65, pl. 3, fig. 1.

Holotype: MCZ 57926

Paratypes: MA73650, five specimens, collected by E. Williams in 1936, from Tatch Ground Point, 14 km (9 miles) SE of Abraham's Bay, Mariguana, Commonwealth of The Bahamas.

Remarks: The name on accompanying labels is misspelled as *Cerion piratarum*.

Current name: *Cerion piraticus* Clench, 1937 taxon inquirendum – MolluscaBase (2023).

***Cerion sagraianum peracutum* Clench & Aguayo, 1951**

Clench, W.J. and C.G. Aguayo, 1951, p. 75, pl. 11, fig. 9.

Holotype: MHNFP 17268

Paratypes: MA73549, two specimens, collected from the type locality, Boca de Jaruco, La Habana Province, Cuba.

Remarks: Type publication not sighted, and details taken from Johnson (2003: 20).

Current name: *Cerion peracutum* Clench & Aguayo, 1951 – MolluscaBase (2023).

***Cerion uva arubanum* H.B. Baker, 1924**

Baker, H.B., 1924, pp. 104, 105, pl. 20, figs A1–F5.

Holotype: UMMZ 31752

Paratypes: MA73505, two specimens, collected by H.B. Baker in 1922, Baranca Alto, Aruba, constituent country in the Kingdom of The Netherlands.

Current name: *Cerion uva uva* (Linnaeus, 1758) – MolluscaBase (2023).

***Cerion (Strophlops) fernandina* Clench, 1937**

Clench, W.J., 1937b, pp. 21, 22, pl. 3, fig. 5.

Holotype: MCZ 65131

Paratypes: MA73652, five specimens, collected by J.V. Malone in October 1936, from the type locality, 'Miller's', 13 km (8 miles) SE of Simms [Settlement], Long Island, Commonwealth of The Bahamas.

Current name: *Cerion fernandina* Clench, 1937 – MolluscaBase (2023).

***Cerion (Strophlops) malonei* Clench, 1937**

Clench, W.J., 1937b, p. 20, pl. 3, fig. 6.

Holotype: MCZ 112706

Paratype: MA72738, one specimen, collected by H.D. Russell, R.A. McLean, J. H. Huntington and R.W. Foster in July 1936, from the type locality, 5.6 km (3.5 miles) SE of Simms, Long Island, Commonwealth of The Bahamas.

Current name: *Cerion malonei* Clench, 1937 – MolluscaBase (2023).

***Cerion (Strophlops) mcleani* Clench, 1937**

Clench, W.J., 1937b, p. 22, pl. 3, fig. 7.

Holotype: MCZ 112701

Paratypes: MA73654, three specimens, collected by H.D. Russell, R.A. McLean, J.H. Huntington and R.W.

Foster in July 1936, from the type locality, 1.6 km (1 mile) east of O'Neills [O'Neils Settlement], Long Island, Commonwealth of The Bahamas.

Current name: *Cerion nudum* (Maynard, 1889) – MolluscaBase (2023).

***Cerion (Strophlops) melanostomum* Clench, 1934**
Clench, W.J., 1934b, pp. 212, 213, pl. 2, figs A, C.

Holotype: MCZ 103021

Paratypes: MA72794, nine specimens; MA73653, 11 specimens; all collected by T. Barbour and J.C. Greenway in 1933–1934, as part of the Utowana Expedition, from the type locality, Mortimer's, SE Long Island, Commonwealth of The Bahamas.

Current name: *Cerion melanostomum* Clench, 1934 – MolluscaBase (2023).

***Cerion (Strophlops) utowana* Clench, 1933**
Clench, W.J., 1933, pp. 92, 93, pl. 1, figs 1–2.

Holotype: MCZ 101157

Paratypes: MA73545, three specimens; MA73546, five specimens, all collected by T. Barbour and J.C. Greenway in 1933–1934, as part of the Utowana Expedition, from the type locality, (East) Plana Cays, Commonwealth of the Bahamas.

Current name: *Cerion utowana* Clench, 1933 – MolluscaBase (2023).

***Strophlops arbusta* Maynard & N.A. Clapp in Maynard, 1919**

Maynard, C.J. and N.A. Clapp in Maynard, C.J., 1919, p. 65, fig. 38.

Lectotypification in Harasewych *et al.*, 2007, p. 447.

Lectotype: MCZ 76273

Paralectotypes: MA73547, seven specimens; MA73548, six specimens, all collected from the type locality, 'Guana Cay', Berry Islands, Commonwealth of The Bahamas,

Remarks: Maynard and Clapp in Maynard (1919) not sighted and information taken from Harasewych *et al.* (2007).

Current name: *Cerion arbusta* Maynard & N.A. Clapp in Maynard, 1919 taxon inquirendum – MolluscaBase (2023).

***Strophia ritchiei* Maynard, 1894**

Maynard, C.J., 1894, pp. 135–138, text figs 41A, B.

Holotype: MCZ 76077

Paratypes: MA73649, 12 specimens, collected from the type locality, SE side of Highborne Cay, Exumas, Commonwealth of The Bahamas.

Remarks: Maynard (1894) not sighted and information taken from Harasewych *et al.* (2007).

Current name: *Cerion ritchiei* (Maynard, 1894) – MolluscaBase (2023).

***Strophlops sparsa* Maynard, 1924**

Maynard, C.J., 1924, p. 3, not figured.

Lectotypification in Harasewych *et al.*, 2007, pp. 516, 518.

Lectotype: MCZ 76399

Paralectotypes: MA73648, seven specimens, collected by C.J. Maynard in 1924, from the type locality, St James Corner, east Nassau, New Providence, Commonwealth of the Bahamas.

Remarks: Maynard (1924) not sighted and information taken from Harasewych *et al.* (2007).

Current name: *Cerion glans* (Küster, 1844) – MolluscaBase (2023).

Superfamily SUCCINOIDEA

Family SUCCINEIDAE

***Succinea archeyi* Powell, 1933**

Powell, A.W.B., 1933a, p. 192, figs 4, 5.

Holotype: MA70742, collected by G. Archey in February 1932, from sand dunes, Doubtless Bay, Northland, New Zealand.

Paratypes: MA73008, 16 specimens, from the type locality.

Current name: *Succinea archeyi* Powell, 1933 – MolluscaBase (2023).

Superfamily RHYTIDOIDEA

Family RHYTIDIDAE

***Delos (Delos) regia* Climo, 1973**

Climo, F.M., 1973, pp. 580–582, figs 5, 6C, 10C, 10D, 24F, 27C, table 4.

Holotype: NMNZ M.029483

Paratypes: MA73026, five specimens, collected by F.M. Climo on 8 November 1970, from kānuka (*Kunzea ericoides*) forest, below 'Castaway Depot', Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Delos regia* Climo, 1973 – Goulstone and Brook (1999: 38); MolluscaBase (2023).

***Delos (Delos) striata* Climo, 1973**

Climo, F.M., 1973, pp. 582, 583, figs 5, 12C, 12D, 24E, 27E.

Holotype: NMNZ M.029474

Paratypes: MA73028, five specimens, collected by F.M. Climo on 16 November 1970, about 183 m (200 yards) below *Tecomanthe speciosa* vine, Tasman Valley, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Delos striata* (Climo, 1973) – Goulstone and Brook (1999: 38); MolluscaBase (2023).

***Delouagapia tasmani* Goulstone & Brook, 1999**

Goulstone, J.F. and F.J. Brook, 1999, pp. 33–36, figs 5, 6A–H.

Holotype: NMNZ M.140708

Paratypes: MA73165, nine specimens; MA73166, one specimen in alcohol, all collected by F.J. Brook on 1 June 1996, from the type locality, from under stones in pukunui (*Meryta sinclairii*) forest, Oromaki/North East Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Delouagapia tasmani* Goulstone & Brook, 1999 – Goulstone and Brook (1999: 33); MolluscaBase (2023).

***Paryphanta annectens* Powell, 1936**

Powell, A.W.B., 1936, pp. 30, 31, pl. 7, figs 4, 5, 7.

Holotype: MA70594, collected by W. Bennett in 1906–1907, from Gunner Downs, between Heaphy and Karamea Rivers, West Coast, New Zealand.

Paratypes: MA71463, one specimen; MA72638, one specimen; both from the type locality.

Current name: *Powelliphanta annectens* (Powell, 1936) – Walker (2003: 108); MolluscaBase (2023).

***Paryphanta compta* Powell, 1930**

Powell, A.W.B., 1930c, pp. 48, 49, pl. 6, figs 4, 5.

Holotype: MA70595, collected by A.W.B. Powell and E.B. Langford on 23 January 1930, at 610 m (2000 feet) elevation, Brown Cow Ridge, between The Castles and Beatham's Clearing, east side of Aorere Valley, Tasman, New Zealand.

Paratypes: MA72641, three specimens; MA72642, one specimen, all from the type locality.

Current name: *Powelliphanta gilliesi compta* (Powell, 1930) – Walker (2003: 86); MolluscaBase (2023).

***Paryphanta fallax* Powell, 1930**

Powell, A.W.B., 1930c, pp. 49, 50, pl. 6, figs 2, 3.

Holotype: MA70596, collected by H. Ives and Mr Flowers, from Ironstone Creek watershed between Parapara Inlet and Takaka River mouth, Tasman, New Zealand.

Paratypes: MA72643, three specimens, from the type locality.

Current name: *Powelliphanta gilliesi fallax* (Powell, 1930) – Walker (2003: 88); MolluscaBase (2023).

***Paryphanta fletcheri* Powell, 1938**

Powell, A.W.B., 1938b, p. 135, pl. 33, figs 12, 13.

Holotype: MA70597, collected by O. Fletcher, at 1124 m elevation, Tuhua, eastern side of Lake Kaniere, West Coast, New Zealand.

Remarks: Powell (1938: 135) mentioned a single paratype, which has not been located.

Current name: *Powelliphanta fletcheri* (Powell, 1938) – Walker (2003: 173); MolluscaBase (2023).

***Paryphanta gagei* Powell, 1938**

Powell, A.W.B., 1938b, p. 136, pl. 33, figs 10, 11.

Holotype: MA72112, collected by M. Gage, at the head of Seven Mile Creek, Rewanui, West Coast, New Zealand.

Current name: *Powelliphanta gagei* (Powell, 1938) – Walker (2003: 171); MolluscaBase (2023).

***Paryphanta gilliesi aurea* Powell, 1946**

Powell, A.W.B., 1946a, pp. 113, 114, pl. 10, figs 7, 8.

Holotype: MA71078, assumed to have been collected by H.S. Prouse, from 600 m elevation, Mangarakau, north of Paturau River, Tasman, New Zealand.

Paratypes: MA71445, one specimen; MA71488, 20 specimens; all from the type locality.

Remarks: Four specimens in lot MA71488 have collecting dates 1 January 1944 (1), 7 July 1944 (2) and 20 April 1945 (1).

Current name: *Powelliphanta gilliesi aurea* (Powell, 1946) – Walker (2003: 70); MolluscaBase (2023).

***Paryphanta gilliesi brunnea* Powell, 1938**

Powell, A.W.B., 1938b, p. 138, pl. 33, fig. 14.

Holotype: MA70598, collected by H. Scrimgeour and W.J. Jameson, at 20–30 m elevation, north side of Paturau River, Tasman, New Zealand.

Paratypes: MA72637, three specimens, from the type locality.

Current name: *Powelliphanta gilliesi brunnea* (Powell, 1938) – Walker (2003: 73); MolluscaBase (2023).

***Paryphanta gilliesi kahurangica* Powell, 1936**

Powell, A.W.B., 1936, p. 33, pl. 8, figs 1, 2.

Holotype: MA72625, collected by D. McKenzie in 1928, from Paturau River, Tasman, New Zealand.

Paratypes: MA72626, three specimens, from the type locality.

Current name: *Powelliphanta gilliesi kahurangica* (Powell, 1936) – Walker (2003: 77); MolluscaBase (2023).

***Paryphanta gilliesi montana* Powell, 1936**

Powell, A.W.B., 1936, pp. 33, 34, pl. 8, figs 9, 10.

Holotype: MA70599, collected by E.B. Langford on 28 March 1932, at 1005 m (3300 feet) elevation, from 'Bock Peak', Wakamarama Range, Tasman, New Zealand.

Paratype: MA71464, one specimen, from the type locality.

Current name: *Powelliphanta gilliesi montana* (Powell, 1936) – Walker (2003: 66); MolluscaBase (2023).

***Paryphanta gilliesi subfusca* Powell, 1930**

Powell, A.W.B., 1930c, pp. 47, 48, pl. 5, figs 6, 7.

Holotype: MA70600, collected by A.H. Fletcher, Kaihoka, north of Whanganui Inlet, Tasman, New Zealand.

Paratypes: MA71484, one specimen; MA71485, 13 specimens; all from the type locality.

Current name: *Powelliphanta gilliesi subfusca* (Powell, 1930) – Walker (2003: 68); MolluscaBase (2023).

***Paryphanta hochstetteri anatokiensis* Powell, 1938**

Powell, A.W.B., 1938b, pp. 133, 134, pl. 33, fig. 7.

Holotype: MA70601, assumed to have been collected by E.B. Langford, from ranges between Anatoki and Snow Rivers, Tasman, New Zealand.

Current name: *Powelliphanta hochstetteri anatokiensis* (Powell, 1938) – Walker (2003: 47); MolluscaBase (2023).

***Paryphanta hochstetteri bicolor* Powell, 1930**

Powell, A.W.B., 1930c, pp. 40, 41, pl. 2, figs 3, 4.

Holotype: MA70602, collected by A.W.B. Powell in December 1928, from under dead leaves, Mount Piripiri, east of Picton, Marlborough, New Zealand.

Paratypes: MA71483, nine specimens, from the type locality.

Current name: *Powelliphanta hochstetteri bicolor* (Powell, 1930) – Walker (2003: 54); MolluscaBase (2023).

***Paryphanta hochstetteri consobrina* Powell, 1936**

Powell, A.W.B., 1936, pp. 29, 30, pl. 7, fig. 3.

Holotype: MA70603, collected by Mr Wastney, at 762–915 m (2500–3000 feet) elevation, Mount Duppa towards the Whangamoia Saddle, Bryant Range, Nelson, Marlborough, New Zealand.

Current name: *Powelliphanta hochstetteri consobrina* (Powell, 1936) – Walker (2003: 58); MolluscaBase (2023).

***Paryphanta jamesoni* Powell, 1936**

Powell, A.W.B., 1936, p. 35, pl. 8, figs 3, 4.

Holotype: MA70604, collected by W.J. Jameson, at 630 m (2069 feet) elevation, near [Saxon] hut, Blue Duck Creek, Goulund Downs, Tasman, New Zealand.

Paratype: MA71466, one specimen, from the type locality.

Current name: *Powelliphanta gilliesi jamesoni* (Powell, 1936) – Walker (2003: 80); MolluscaBase (2023).

***Paryphanta lignaria* F.W. Hutton, 1888**

Hutton, F.W., 1888, pp. 43, 44 (not illustrated).

Neotypification in Powell, A.W.B., 1941a, p. 239, illustrated in Powell, 1930c, pl. 4, fig. 1; measurements in Powell, A.W.B., 1949a, p. 350.

Neotype: MA73689, collected from near St Helens, Mokihinui, West Coast, New Zealand.

Remarks: The original Hutton holotype, from ‘the saddle between the Mokihinui and Lyell Rivers’, was lent to Hutton by W.H. Gaze, of Westport (F.W. Hutton, 1888: 44; Powell, 1946a: 106) and later returned to him (Suter, 1913a: xiv – Errata). However, this shell has not been located and is presumed missing or destroyed (Powell, 1946a: 106; Brook *et al.* 2020: 50).

Powell (1941a: 239) designated as a neotype a shell that he had illustrated previously (Powell 1930c: pl. 4, fig. 1). It was collected by him in December 1927 from

‘about 1 ½ miles up Marris’ Tramway, near junction of Mumm and Stillwater Creeks, St. Helens, Mokihinui’. It appears not to have been labelled or separated by Powell, but he recorded its measurements as ‘major diameter 47 mm; minimum diameter 39 mm; height 26 mm’.

At major diameter 48 mm, minimum diameter 39.5 mm and height 27 mm, a single shell in lot MA64520, now registered as MA73689, most closely resembles the neotype measurements provided by Powell (1949a: 350), as well as his neotype illustration (Powell 1930c: pl. 4, fig. 1).

In 1946 Powell (1946a: 106; 1949a: 348) suggested that ‘an unlabeled specimen at AM from the collection of the late Mr. Boswell of Westport’ (registered as MA71492) may have been the missing holotype of *P. lignaria*, but did not provide evidence in support of this (Brook *et al.* 2020: 50). It is not considered to be a type specimen.

Current name: *Powelliphanta lignaria lignaria* (F.W. Hutton, 1888) – Walker (2003: 111); Brook *et al.* (2020: 49, 50).

***Paryphanta lignaria lusca* Powell, 1949**

Powell, A.W.B., 1949a, pp. 350, 351, pl. 66, fig. 2.

Holotype: MA71159, collected by A.W.B. Powell and A.C. O’Connor in 1947, from Glasseye Creek, Mokihinui–Karamea Road, West Coast, New Zealand.

Current name: *Powelliphanta lignaria lusca* (Powell, 1949) – Walker (2003: 113); MolluscaBase (2023).

***Paryphanta lignaria oconnori* Powell, 1938**

Powell, A.W.B., 1938b, pp. 134, 135, pl. 33, figs 3–6.

Holotype: MA70605, collected from the headwaters of the Leslie River, at 610 m (2000ft) height, on the western slopes of Mt Arthur, Tasman, New Zealand.

Paratype: MA72644, one specimen, from the type locality.

Current name: *Powelliphanta lignaria oconnori* (Powell, 1938) – Walker (2003: 115); MolluscaBase (2023).

***Paryphanta lignaria ruforadiata* Powell, 1949**

Powell, A.W.B., 1949a, pp. 353, 354, pl. 64, figs 1, 2.

Holotype: MA71160, collected by W. Kelly in February 1947, 8 km (5 miles) north of the junction of the north and south branches of the Mokihinui River in fairly open *Nothofagus* forest, Tasman, New Zealand.

Paratype: MA72639, one specimen, from the type locality.

Current name: *Powelliphanta lignaria ruforadiata* (Powell, 1949) – Walker (2003: 118); MolluscaBase (2023).

***Paryphanta marchanti* Powell, 1932**

Powell, A.W.B., 1932c, pp. 158, 159, pl. 28, figs 1, 2.

Holotype: MA70606, collected by E.A. Marchant in February 1932, at 1097 m (3600 feet) elevation, Mokai

Patea Trig Station, near the junction of the Mangatera River and Whakaurekou River, Manawatū-Whanganui, New Zealand.

Current name: *Powelliphanta marchanti* (Powell, 1932) – Walker (2003: 14); MolluscaBase (2023).

***Paryphanta mouatae* Powell, 1936**

Powell, A.W.B., 1936, pp. 31, 32, pl. 8, figs 7, 8.

Holotype: MA70607, collected by M. Mouat, between 15 Mile Creek and Saxon Creek [River], Goulund Downs, Tasman, New Zealand.

Remarks: The name 15 Mile Creek may have been misapplied to a river in the vicinity of Goulund Downs, as the gazetted 15 Mile Creek is almost 20 km NE of Goulund Downs.

Current name: *Powelliphanta superba mouatae* (Powell, 1936) – Walker (2003: 100); MolluscaBase (2023).

***Paryphanta rossiana* Powell, 1930**

Powell, A.W.B., 1930c, p. 44, pl. 4, figs 4–6.

Holotype: MA72114, collected by H. Hamilton on 20 March 1910, Mount Greenland, Ross, West Coast, New Zealand.

Current name: *Powelliphanta rossiana* Powell, 1930 – Walker (2003: 176); MolluscaBase (2023).

***Paryphanta rossania patrickensis* Powell, 1949**

Powell, A.W.B., 1949a, pp. 358, 359, pl. 65, figs 10–12.

Holotype: MA71161, collected by W.H. Johnston, R.A. Prouse and A.W.B. Powell on 8 April 1948, at 762 m (2500 feet) elevation, from headwaters of St Patrick Stream on fringe of pakihi, eastern side of Millerton [Stockton–Denniston] Plateau, West Coast, New Zealand.

Paratype: MA73115, one specimen, from the type locality.

Current name: *Powelliphanta patrickensis* (Powell, 1949) – Walker (2003: 133); MolluscaBase (2023).

***Paryphanta spedeni* Powell, 1932**

Powell, A.W.B., 1932c, pp. 159, 160, pl. 28, figs 3–5.

Holotype: MA70608, collected by J. Speden, at 975 m (3200 feet) elevation, from west side of the Maitara River opposite East Dome, Southland, New Zealand.

Remarks: The locality was corrected by Powell (1938b: 137) from the original ‘on East Dome, at 3,000 ft (914 m) elevation, Garvie Mountains’.

Current name: *Powelliphanta spedeni spedeni* (Powell, 1932) – Walker (2003: 136); MolluscaBase (2023).

***Paryphanta spedeni lateumbilicata* Powell, 1946**

Powell, A.W.B., 1946a, p. 105, text figs A7, 8.

Holotype: MA72193, collected by S.W. Mayo in December 1937, near SW shore of Lake Monowai, Otago, New Zealand Southland.

Current name: *Powelliphanta spedeni lateumbilicata* (Powell, 1946) – Walker (2003: 186); MolluscaBase (2023).

***Paryphanta superba* Powell, 1930**

Powell, A.W.B., 1930c, pp. 41, 42, pl. 4, fig. 3; pl. 3.

Holotype: MA72115, collected by A.W.B. Powell and R.E. Clouston, at 762 m (2500 ft) elevation, ‘Cedar Creek Ridge’, between Boulder and Clark Rivers, Tasman, New Zealand.

Paratype: MA10551, six specimens, from the type locality.

Remarks: Powell’s specimen label gave locality detail as ‘2 miles west of Boulder Lake 3224 ft’, which conflicts with his published data. Powell (1930c: 41) also stated ‘holotype in author’s collection, paratypes in Auckland Museum collection’. In his handwritten catalogue he recorded under the entry for *P. superba superba* ‘Cedar Creek Ridge about 2m. west of Boulder lake, 3224 ft., Collingwood Dist., Nelson (8)10551; +(Holotype) 4011’. Although not previously identified as paratypes, lot MA10551 is the only other one from the type locality and is here considered synonymous with Powell’s ‘paratypes in Auckland Museum collection’. One specimen was used historically for display and one specimen is missing.

Current name: *Powelliphanta superba superba* (Powell, 1930) – Walker (2003: 93); MolluscaBase (2023).

***Paryphanta superba harveyi* Powell, 1946**

Powell, A.W.B., 1946a, pp. 110, 111, pl. 9, figs 5, 6, text fig. A1.

Holotype: MA71080, collected by A. Harvey, from Goulund Downs–Heaphy Track area, ‘probably in Buller County near to the Buller Boundary’, Tasman, New Zealand.

Current name: *Powelliphanta superba harveyi* (Powell, 1946) – Walker (2003: 98); MolluscaBase (2023).

***Paryphanta superba prouseorum* Powell, 1946**

Powell, A.W.B., 1946a, p. 109, not figured.

Holotype: MA71081, Plate 10e–g, collected by H.S. and R.A. Prouse on 11 March 1944, at 457–610 m (1500–2000 feet) elevation, 3–5 km (2–3 miles) inland, between Kahurangi Point and Rocks Point, West Coast, New Zealand.

Paratypes: MA71688, four specimens, from the type locality.

Current name: *Powelliphanta superba prouseorum* (Powell, 1946) – Walker (2003: 103); MolluscaBase (2023).

***Paryphanta superba richardsoni* Powell, 1946**

Powell, A.W.B., 1946a, p. 110, text fig. A3.

Holotype: MA71082, collected by A.C. O’Connor and A. Richardson on 3 November 1939, from Perry’s Pass, 3.2 km (2 miles) from ‘Blue Duck Creek Hut’, Goulund Downs, Tasman, New Zealand.

Current name: *Powelliphanta superba richardsoni* (Powell, 1946) – Walker (2003: 96); MolluscaBase (2023).

***Paryphanta traversi* Powell, 1930**

Powell, A.W.B., 1930c, pp. 50, 51, pl. 5, figs 1, 2.

Holotype: MA70609, collected from Waiopahu Reserve, Levin, Manawatū-Whanganui, New Zealand.

Paratypes: MA71486, 25 specimens, from the type locality.

Remarks: Lot MA71486 consists of 15 adult shells, four juvenile shells and nine eggs.

Current name: *Powelliphanta traversi traversi* (Powell, 1930) – Walker (2003: 23); MolluscaBase (2023).

***Paryphanta traversi florida* Powell, 1946**

Powell, A.W.B., 1946a, p. 120, pl. 10, figs 3, 4.

Holotype: MA71083, collected from forest reserve, Muhunua East, Manawatū-Whanganui, New Zealand.

Paratypes: MA71446, 17 specimens, from the type locality.

Remarks: Lot MA71446 includes two handwritten paratype labels by A.W.B. Powell, which show that this may have been an amalgamation of several lots. A further ten specimens were removed to MA127397 because these all contained inclusions showing that they were collected on 29 November 1944 from ‘Jepsoms and Strattons’. This locality is mentioned in Powell (1946a: 120) as ‘1/2 to 1 mile south’ of the type locality.

Current name: *Powelliphanta traversi florida* (Powell, 1946) – Walker (2003: 27); MolluscaBase (2023).

***Paryphanta traversi koputaroa* Powell, 1946**

Powell, A.W.B., 1946a, p. 136, not figured.

Holotype: MA71084, **Plate 10h–j**, collected by A.W.B. Powell on 28 December 1945, 2 km (1.5 miles) NNE of Koputaroa Railway Station, Manawatū-Whanganui, New Zealand.

Paratypes: MA71487, 23 specimens, from the type locality.

Current name: *Powelliphanta traversi koputaroa* (Powell, 1946) – Walker (2003: 35); MolluscaBase (2023).

***Paryphanta traversi latizona* Powell, 1949**

Powell, A.W.B., 1949a, pp. 359, 360, pl. 64, figs 6–8.

Holotype: MA71162, collected by A.W.B. Powell, H.S. and R.A. Prouse in 1947, from 213–244 m (700–800 feet) elevation, ‘Greenaway’s Bush’, west of Makahika Stream, Manawatū-Whanganui, New Zealand.

Current name: *Powelliphanta traversi latizona* (Powell, 1949) – Walker (2003: 29); MolluscaBase (2021).

***Paryphanta traversi otakia* Powell, 1946**

Powell, A.W.B., 1946a, p. 121, pl. 10, figs 5, 6.

Holotype: MA71085, collected by H.S. and R.A. Prouse, from Rahui Road, Otaki, Wellington, New Zealand.

Paratypes: MA71491, 21 specimens, from the type locality.

Current name: *Powelliphanta traversi otakia* (Powell, 1946) – Walker (2003: 40); MolluscaBase (2023).

***Paryphanta traversi tararuaensis* Powell, 1938**

Powell, A.W.B., 1938b, pp. 138, 139, pl. 33, fig. 2.

Holotype: MA70610, collected by A.C. O’Connor in summer 1937–38, between 457–610 m (1500–2000 feet) from Kaihinu, Tararua Ranges, Manawatū-Whanganui, New Zealand.

Paratypes: MA71462, 29 specimens, from the type locality.

Current name: *Powelliphanta traversi tararuaensis* (Powell, 1938) – Walker (2003: 32); MolluscaBase (2023).

***Paryphanta unicolorata* Powell, 1930**

Powell, A.W.B., 1930c, pp. 43, 44, pl. 4, fig. 2; pl. 6, fig. 6.

Holotype: MA72116, collected by C.L. Wragge in 1908, from under *Phormium*, Seddonville, West Coast, New Zealand.

Current name: *Powelliphanta lignaria unicolorata* (Powell, 1930) – Walker (2003: 121); MolluscaBase (2023).

***Paryphanta unicolorata johnstoni* Powell, 1946**

Powell, A.W.B., 1946a, pp. 107, 108, pl. 9, figs 3, 4.

Holotype: MA71086, collected by W.H. Johnston in 1945, from the west side of Chasm Creek [Stream] towards the junction with the Mokihinui River, West Coast, New Zealand.

Paratypes: MA71444, three specimens, from the type locality.

Current name: *Powelliphanta lignaria johnstoni* (Powell, 1946) – Walker (2003: 127); MolluscaBase (2023).

***Paryphanta unicolorata rotella* Powell, 1938**

Powell, A.W.B., 1938b, p. 137, pl. 33, figs 8, 9.

Holotype: MA70611, collected by W.H. Johnston, between the headwaters of Saint Andrew and Saint George Streams, western slopes of the Glasgow Range, West Coast, New Zealand.

Current name: *Powelliphanta lignaria rotella* (Powell, 1938) – Walker (2003: 124); MolluscaBase (2023).

***Paryphanta wattii* Powell, 1946**

Powell, A.W.B., 1946a, pp. 101, 102, pl. 9, fig. 2; text fig. A5.

Holotype: MA71087, collected by A.W.B. Powell in February 1934, from under decaying leaves in coastal forest, Unuwhao, near track between Piwhane/Spirits Bay and Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Current name: *Paryphanta busbyi wattii* Powell, 1946 – Spencer *et al.* (2006: 841); Spencer *et al.* (2009: 218).

***Powelliphanta augusta* K. Walker, Trewick & G.M. Barker, 2008**

Walker, K., Trewick, S.A. and G.M. Barker, 2008, pp. 172–181, figs 6, 7, table 1.

Holotype: NMNZ M.277582

Paratypes: MA73318, two specimens; MA73319, two specimens; MA73320, two specimens; all collected during 2006 and 2007, NNE of north peak of Mt Augustus massif, between 950 m and 980 m elevation, Stockton Plateau, Westland, New Zealand.

Current name: *Powelliphanta augusta* K. Walker, Trewick & G.M. Barker, 2008 – MolluscaBase (2023).

***Rhytida duplicata vivens* Powell, 1946**

Powell, A.W.B., 1946a, p. 130, p. 132, text fig. D17.

Holotype: MA71106, collected by A.W.B. Powell in February 1932, under decaying leaves in coastal forest, Unuwhao, Northland, New Zealand.

Current name: *Amborhytida duplicata* (Suter, 1904) – MolluscaBase (2023).

***Rhytida forsythi* Powell, 1952**

Powell, A.W.B., 1952a, pp. 165–167, text fig. 10.

Holotype: MA71182, collected by A.W.B. Powell on 20 January 1950, 1.6 km (1 mile) up, on south of Taipa [River] Estuary, Northland, New Zealand.

Current name: *Amborhytida forsythi* (Powell, 1952) – MolluscaBase (2023).

***Rhytida greenwoodi webbi* Powell, 1949**

Powell, A.W.B., 1949a, pp. 361, 362, pl. 65, figs 16, 17.

Holotype: MA71163, collected by A.C. O'Connor in January 1945, near Tarakohe, Clifton, Tasman, New Zealand.

Current name: *Rhytida greenwoodi webbi* Powell, 1949 – MolluscaBase (2023).

***Rhytida hadfieldi* Powell, 1949**

Powell, A.W.B., 1949a, pp. 362, 363, pl. 65, figs 18, 19.

Holotype: MA71164, collected by A.C. O'Connor in January 1949, from Canaan [Downs], near headwaters of Wainui River, Pikipirunga Range, Tasman, New Zealand.

Paratypes: MA71493, 13 specimens, collected in November 1950, from the type locality.

Remarks: Powell (1949a: 363) published the collection date as 'Jan. 1949', but his handwritten label with the specimen records it as '8–10:12:1948'.

Current name: *Rhytida oconnori* Powell, 1947 – Parkinson (1971: 3); MolluscaBase (2023).

***Rhytida meesoni perampla* Powell, 1946**

Powell, A.W.B., 1946a, p. 127, text figs D7–9.

Holotype: MA71107, collected by A.C. O'Connor, Anatoki Forks, Tasman, New Zealand.

Paratypes: MA125819, four specimens, from the type locality.

Current name: *Rhytida meesoni perampla* Powell, 1946 – MolluscaBase (2023).

***Rhytida oconnori* Powell, 1946**

Powell, A.W.B., 1946a, p. 130, pl. 9, fig. 10, text figs D12–14.

Holotype: MA71108, collected by A.C. O'Connor, from cave with moa bones, 3.2 km (2 miles) south of Paturau River mouth, Tasman, New Zealand.

Paratype: MA125838, one specimen, from the type locality.

Current name: *Rhytida oconnori* Powell, 1947 – MolluscaBase (2023).

***Rhytida otagoensis* Powell, 1930**

Powell, A.W.B., 1930c, p. 32, text figs 3:10–12, text fig. 4:6.

Holotype: MA74365, collected by C.E. Clark in 1920, from 'Bluecliff', western side of Te Waewae Bay, Southland, New Zealand.

Remarks: The holotype shell and animal appear to be missing, but the radula was found in the microscope slide collection on 9 January 2014.

Current name: *Rhytida otagoensis* Powell, 1930 – MolluscaBase (2023).

***Rhytida pycrofti* Powell, 1932**

Powell, A.W.B., 1932c, pp. 156–158, pl. 28, fig. 7; p. 157, figs 1, 2.

Holotype: MA70665, collected by A.T. Pycroft in 1932, from Poor Knights Islands, Northland, New Zealand.

Paratypes: MA72645, two specimens, from the type locality.

Current name: *Amborhytida pycrofti* (Powell, 1932) – Spencer *et al.* (2009: 218).

† *Rhytida spelaea* Powell, 1933

Powell, A.W.B., 1933a, pp. 192–194, figs 1–3.

Holotype: NMNZ M.001752

Paratype: MA73009, collected from the type locality, SW of Cape Kidnappers, Hawke's Bay, New Zealand.

Remarks: The type material consists of fossil shells from Holocene dune deposits.

Current name: *Rhytida greenwoodi* (Gray, 1850) – Parkinson (1971: 1); MolluscaBase (2023).

***Rhytida stephenensis* Powell, 1930**

Powell, A.W.B., 1930c, p. 30, pl. 4, fig. 8, text fig. 3:3 and 3:4, text fig. 4:4.

Holotype: NMNZ M.001753

Paratypes: MA71481, seven specimens, collected by H. Hamilton, from the type locality, Stephens Island, Marlborough, New Zealand.

Current name: *Rhytida stephenensis* Powell, 1930 – MolluscaBase (2023).

***Rhytida tarangaensis* Powell, 1930**

Powell, A.W.B., 1930c, pp. 31, 32, text fig. 3:6, text fig. 4:3.

Holotype: MA70666, collected by H. Hamilton in October 1925, from Taranga Island, Hen and Chickens Islands, Northland, New Zealand.

Paratypes: MA71482, four specimens, from the type locality.

Current name: *Amborhytida tarangaensis* (Powell, 1930) – Spencer *et al.* (2009: 218).

***Rhytida (Rhytidarex) buddlei* Powell, 1948**

Powell, A.W.B., 1948, p. 282, pl. 55, figs 8, 9.

Holotype: MA71109, collected by G.A. Buddle and M.E. Johnson on 3 January 1947, from amongst leaves in a *Meryta sinclairii* (puka) grove, Moekawa/South West Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Rhytidarex buddlei* (Powell, 1948) – MolluscaBase (2023).

***Rhytida (Rhytidarex) johnsoni* Powell, 1948**

Powell, A.W.B., 1948, pp. 281, 282, pl. 55, figs 10–12.

Holotype: MA71110, collected by G.A. Buddle and M.E. Johnson in January 1948, from under decaying *Meryta sinclairii* (puka) leaves, Oromaki/North East Island, Manawatāwhi/Three Kings Islands, New Zealand.

Paratypes: MA71474, three specimens, from the type locality.

Current name: *Rhytidarex johnsoni* (Powell, 1948) – MolluscaBase (2023).

†*Schizoglossa gigantea* Powell, 1930

Powell, A.W.B., 1930c, p. 54, pl. 1, figs 5, 6.

Holotype: MA72133, assumed to have been collected by H. Hamilton, from a cave near ‘Tahora, Gisborne District’, New Zealand.

Remarks: The locality is uncertain as there is no gazetted locality called Tahora near Gisborne. The holotype is a fossil shell of Holocene or Pleistocene age, but the species is cited as extant in Mahlfeld *et al.* (2012: 106), with four observed records of living specimens. A specimen cited by Powell (1979: 347) from WNW of Mt Hikurangi was lodged with the Dominion Museum [NMNZ] and is presumed to be lot M.170270 *Schizoglossa gigantea* Powell, 1930.

Current name: *Schizoglossa gigantea* Powell, 1930 – Powell (1979: 347); MolluscaBase (2023).

†*Schizoglossa major* Powell, 1938

Powell, A.W.B., 1938b, pp. 139, 140, pl. 33, figs 15, 16.

Holotype: MA70698, collected by J.H. Hill and G. Archey, from limestone crevice with ‘moa’ remains, 800 m (0.5 mile) SW of Pukemiro, Waikato, New Zealand.

Paratype: MA71461, one specimen, from the type locality.

Current name: *Schizoglossa major* Powell, 1938 – Powell (1979: 347); MolluscaBase (2023).

***Schizoglossa novoseelandica barrierensis* Powell, 1949**

Powell, A.W.B., 1949a, p. 367, pl. 65, fig. 14; text figs B9, 10, 10a.

Holotype: MA72201, collected by C. Osborne in April 1924, from Tryphena, near divide between east and west coast, Great Barrier Island, Auckland, New Zealand.

Paratypes: MA71494, two specimens, from the type locality.

Current name: *Schizoglossa novoseelandica barrierensis* Powell, 1949 – Powell (1979: 347); MolluscaBase (2023).

***Schizoglossa worthyae* Powell, 1949**

Powell, A.W.B., 1949a, pp. 366, 367, pl. 65, fig. 15; text figs B1–3, 3a.

Holotype: MA71165, collected by I. Worthy in 1947, from Mauku near Patumahoe, Auckland, New Zealand.

Paratypes: MA90892, ten specimens, collected by I. Worthy on 31 October 1943, from Mauku near Patumahoe, Auckland, New Zealand.

Current name: *Schizoglossa worthyae* Powell, 1949 – Powell (1979: 347); MolluscaBase (2023).

***Wainuia clarki* Powell, 1936**

Powell, A.W.B., 1936, p. 36, pl. 9, figs 4, 5.

Holotype: MA70848, collected [by A.G. Clark], from Motutaiko Island, Lake Taupo, Waikato, New Zealand.

Paratypes: MA72307, nine specimens, from the type locality.

Current name: *Wainuia clarki* Powell, 1936 – MolluscaBase (2023).

***Wainuia fallai* Powell, 1946**

Powell, A.W.B., 1946a, pp. 124, 126, pl. 9, figs 7, 8, text figs B5–7, C5.

Holotype: CM M158

Paratype: MA71448* (missing), one specimen; MA25816, two specimens; all collected by R.A. Falla in September 1941, from the type locality, ‘Monkey Face’, 10 km inland from Haumuri Bluffs, Kaikōura, Canterbury, New Zealand.

Remarks: In addition to a holotype, Powell (1946a: 126) gave measurements for a paratype specimen. A paratype record, MA71448, was created in 1993, but no specimens were found. Lot MA25816, in the general collections, has locality and collector details identical to the primary type and contains two specimens, one of which conforms to the paratype measurements given by Powell. MA25816 is likely a duplicate record of MA71448 and is here designated a paratype lot.

Current name: *Wainuia edwardi* (Suter, 1899) – MolluscaBase (2023).

***Wainuia urnula nasuta* Powell, 1946**

Powell, A.W.B., 1946a, pp. 123, 124, pl. 9, fig. 9, text figs B11–14.

Holotype: MA71150, collected by A.C. O’Connor on 12 October 1942, at 640 m (2100 feet) elevation, ‘Mount Maude’ [Mount Woore?], Rangitoto ki te Tonga/D’Urville Island, Marlborough, New Zealand.

Paratypes: MA73017, four specimens, from the type locality.

Current name: *Wainuia nasuta* Powell, 1946 – MolluscaBase (2023).

Family DORCASIIDAE***Trigonephrus heliocaustus* Connolly, 1929**

Connolly, M., 1929, pp. 230, 231, pl. 14, fig. 23.

Holotype: NHM 1928.1.24.1

Paratype: MA73553, collected from the type locality, Klaver [Klawer], van Rhynsdorp District [Matzikama Municipality], Western Cape, South Africa.

Current name: *Trigonephrus heliocaustus* Connolly, 1929 – MolluscaBase (2023).

Superfamily ORTHALICOIDEA

Family ORTHALICIDAE

Liguus crenatus aurantius Clench, 1929

Clench, W.J., 1929, pp. 19, 20, not figured.

Holotype: MCZ 84624

Paratype: MA73484, one specimen, collected by J.N. Farnham, from 'Pinecrest region', Big Cypress National Preserve, central Everglades, Florida, United States of America.

Current name: *Liguus fasciatus* (O.F. Müller, 1774) – MolluscaBase (2023).

Liguus crenatus barbouri Clench, 1929

Clench, W.J., 1929, p. 18, not figured.

Holotype: MCZ 84527

Paratypes: MA73485, nine specimens; MA73486, four specimens, all collected by J.N. Farnham, from 'Pinecrest region', Big Cypress National Preserve, central Everglades, Florida, United States of America.

Current name: *Liguus fasciatus* (O.F. Müller, 1774) – MolluscaBase (2023).

Liguus fasciatus mcgintyi Clench, 1934

Clench, W.J., 1934a, p. 116, pl. 7, fig. 10.

Holotype: MCZ 74384

Paratype: MA73490, one specimen, collected by P.L. McGinty and C.G. Aguayo in 1930, Cueva del Chivo, Mariel, Pinar del Río, Cuba.

Current name: *Liguus fasciatus mcgintyi* Clench, 1934 – MolluscaBase (2023).

Liguus fasciatus viridus Clench, 1934

Clench, W.J., 1934a, pp. 105, 106, pl. 6, fig. 11.

Holotype: MCZ 59507

Paratypes: MA73492, two specimens; MA73497, two specimens; all collected by W.J. Clench, from the vicinity of Soledad, Cienfuegos, Santa Clara, Cuba.

Current name: *Liguus fasciatus* (O.F. Müller, 1774) – MolluscaBase (2023).

Liguus fasciatus xanthus Clench, 1934

Clench, W.J., 1934a, pp. 113, 114, pl. 6, fig. 12.

Holotype: MCZ 47380

Paratype: MA73491, one specimen, collected from the type locality by C.G. Aguayo, from road between San Nicolas and Guines, Havana province, Cuba.

Current name: *Liguus fasciatus xanthus* Clench, 1934 – MolluscaBase (2023).

Family BOTHRIEMBRYONTIDAE

† *Archaeostylus manukauensis* Brook & Hayward, 2022

Brook, F.J. and B.W. Hayward, 2022, p. 496, figs 3B, 4A–J, tables 1, 2.

Holotype: MA73618, collected by B.W. Hayward on 6

December 2020, from excavations for the Watercare Ltd Central Interceptor, between 33 m and 38 m below the surface, late Pliocene (Waipipian) Mangere Shellbed, Ōtāhuhu Formation, Māngere, Auckland, New Zealand.

Paratypes: MA73641, seven specimens, from the type locality.

Current name: *Archaeostylus manukauensis* Brook & Hayward, 2022 – MolluscaBase (2023).

Eumecostylus gardneri Delsaerdt, 2010

Delsaerdt, A.G.J., 2010, pp. 45–47, pl. 7, figs 8–14.

Holotype: MA73317, collected by N.W. Gardner in August 1983, from Marau Sound, Guadalcanal, Solomon Islands.

Paratype: MA73316, one specimen, from the type locality.

Current name: *Eumecostylus gardneri* Delsaerdt, 2010 – MolluscaBase (2023).

† *Maoristylus pliogenicus* Brook & Hayward, 2022

Brook, F.J. and B.W. Hayward, 2022, pp. 495, 496, fig. 3A, table 1.

Holotype: MA73617, collected by B.W. Hayward on 22 October 2020, from excavations for the Watercare Ltd Central Interceptor, between 33 m and 38 m below the surface, late Pliocene (Waipipian) Mangere Shellbed, Ōtāhuhu, Māngere, Auckland, New Zealand.

Current name: *Maoristylus pliogenicus* Brook & Hayward, 2022 – MolluscaBase (2023).

Placostylus ambagiosus annectens Powell, 1938

Powell, A.W.B., 1938b, pp. 148, 149, pl. 34, figs 2–6.

Holotype: MA70623, collected by A.W.B. Powell in February 1932, from under leaf mould, at 274 m (900 feet) elevation, Unuwahao, between Piwhane/Spirits Bay and Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Remarks: Powell (1938b: 148) mentioned two paratype specimens but did not label any specimens as such.

There are a number of topotype lots, but because Powell did not record a collection date or collector's name on their labels it is not possible to distinguish potential paratypes amongst these.

Current name: *Maoristylus ambagiosus* (Suter, 1907) – MolluscaBase (2023).

Placostylus ambagiosus consobrinus Powell, 1938

Powell, A.W.B., 1938b, p. 149, pl. 34, figs 7, 8.

Holotype: MA70624, collected by A.W.B. Powell in February 1932, from around the roots of flax, Cape Maria van Diemen, Northland, New Zealand.

Paratypes: MA71455, five specimens; MA72462, 21 specimens; all from the type locality.

Current name: *Maoristylus ambagiosus* (Suter, 1907) – MolluscaBase (2023).

† *Placostylus ambagiosus priscus* Powell, 1938

Powell, A.W.B., 1938b, pp. 149, 150, pl. 34, figs 9, 10.

Holotype: MA70625, collected by A.W.B. Powell in February 1932, from sand dunes between Cape Maria van

Diemen and Twilight Beach, Northland, New Zealand.

Paratypes: MA71456, four specimens, from the type locality.

Current name: *Maoristylus ambagiosus* (Suter, 1907) – MolluscaBase (2023).

***Placostylus ambagiosus whareana* Powell, 1951**

Powell, A.W.B., 1951b, pp. 135, 136, pl. 28, fig. 2.

Holotype: MA71175, collected probably by N.W. Gardner, from a valley north of Whareana Stream, Northland, New Zealand.

Paratypes: MA92657, 15 specimens, from the type locality.

Remarks: Powell (1951b: 136) mentioned paratypes lodged at AM. He also mentioned two lots of paratypes in his handwritten catalogue, one of 15 specimens and one of 22 specimens. MA92657 constitutes a lot collected by N. Gardner in 1949 from the type locality, and is presumed to be the lot of 15 specimens mentioned in Powell's catalogue.

Current name: *Maoristylus ambagiosus* (Suter, 1907) – MolluscaBase (2023).

***Placostylus (Basileostylus) bollonsi arbutus* Powell, 1948**

Powell, A.W.B., 1948, p. 289, pl. 55, figs 6, 7.

Holotype: MA71094, collected from the SW seaward slope just south of Crater Head, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Basileostylus bollonsi* (Suter, 1908) – MolluscaBase (2023).

***Placostylus (Basileostylus) bollonsi caperatus* Powell, 1948**

Powell, A.W.B., 1948, p. 289, pl. 55, figs 4, 5.

Holotype: MA71095, collected by G.A. Buddle in 1948, from stunted ngaio scrub, 'landing slope' above Northwest Bay, Manawatāwhi/Great Island, Manawatāwhi/Three Kings Islands, New Zealand.

Current name: *Basileostylus bollonsi* (Suter, 1908) – MolluscaBase (2023).

† *Placostylus (Maoristylus) ambagiosus gardneri* Powell, 1951

Powell, A.W.B., 1951b, p. 135, pl. 28, fig. 8.

Holotype: MA71174, collected from consolidated dunes, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Remarks: Powell (1951b: 135) mentioned a number of paratypes but did not label any specimens as such. There are a number of topotypes, but because Powell did not provide a collection date, collectors' names or numbers of specimens in his type description it is not possible to distinguish potential paratypes amongst these.

Current name: *Maoristylus ambagiosus* (Suter, 1907) – MolluscaBase (2023).

***Placostylus (Maoristylus) ambagiosus hancoxi* Powell, 1951**

Powell, A.W.B., 1951b, p. 136, pl. 28, fig. 3.

Holotype: MA71176, collected by A. Hancox, R.A. Prouse, H.S. Prouse, R.H. Michie and A.W.B. Powell

in April 1950, NW of Maukins Nook [Rangiora Bay], Northland, New Zealand.

Paratypes: MA92590, 16 specimens, from the type locality

Remarks: Powell (1951b: 136) mentioned a number of paratypes, but these appear to be missing from the AM's collections.

Current name: *Maoristylus ambagiosus* (Suter, 1907) – MolluscaBase (2023).

† *Placostylus (Maoristylus) ambagiosus hinemoa* Powell, 1947

Powell, A.W.B., 1947c, pp. 182, 183, pl. 20, figs 4–6.

Holotype: MA72194, collected by J. Bollons in 1924 or F. Young in 1934, from consolidated Pleistocene sand dunes, Motuopao Island, Northland, New Zealand.

Current name: *Maoristylus ambagiosus* (Suter, 1907) – MolluscaBase (2023).

***Placostylus (Maoristylus) ambagiosus keenorum* Powell, 1947**

Powell, A.W.B., 1947c, pp. 186, 187, pl. 22, figs 1–5.

Holotype: MA71090, collected by A.C. O'Connor, A.W.B. Powell and E.T.B. Worthy in February 1946, from the eastern slope of Maungapiko, Northland, New Zealand.

Current name: *Maoristylus ambagiosus* (Suter, 1907) – MolluscaBase (2023).

† *Placostylus (Maoristylus) ambagiosus lesleyae* Powell, 1947

Powell, A.W.B., 1947c, pp. 184, 185, pl. 21, figs 4–6.

Holotype: MA71091, collected by L. Keene in April 1946, from consolidated Pleistocene dunes, Tapotupotu Bay, Northland, New Zealand.

Paratypes: MA72464, 12 specimens, from the type locality.

Remarks: Previously, lot MA72464 consisted of 24 specimens, with a variety of India ink numbers on the shells [72678 × 12; 72678/26064 × 6; [AM.]25059 × 6]. Powell's handwritten collection labels recorded 26064 and AM.25059 as paratype lots. Originally [AM.]25059 would have been assigned to AM's collections whereas 26064 was kept for Powell's own collection. Later, both lots, along with a third topotype lot (72678), were amalgamated as a single lot in MA72464. For the present revision, shells labelled 72678 were not considered to be paratypes and were removed to the general collections.

Current name: *Maoristylus ambagiosus* (Suter, 1907) – MolluscaBase (2023).

***Placostylus (Maoristylus) ambagiosus michiei* Powell, 1951**

Powell, A.W.B., 1951b, pp. 134, 135, pl. 28, fig. 1.

Holotype: MA71173, assumed to have been collected by A.W.B. Powell, from Ngā Atua Tātā/Kerr Point, Northland, New Zealand.

Paratypes: MA92950, 16 specimens, from the type locality.

Remarks: Powell (1951b: 134) mentioned that paratypes were lodged with AM, but did not label any specimens as such. In his handwritten catalogue he

mentioned that there were 16 paratypes but did not give a lot number. Lot MA92950 is the only lot in the AM collections both from the type locality and with 16 specimens and is here given paratype status.

Current name: *Maoristylus ambagiosus* (Suter, 1907) – MolluscaBase (2023).

† *Placostylus (Maoristylus) ambagiosus pandora*
Powell, 1951

Powell, A.W.B., 1951b, p. 137, pl. 28, fig. 4.

Holotype: MA71177, collected by A.W.B. Powell on 23 January 1943, at 122–152 m elevation, from coastal dunes 1.6 km (1 mile) west of Piwhane /Spirits Bay, Northland, New Zealand.

Paratypes: MA92596, 41 specimens, from the locality.

Remarks: Powell (1951b: 137) mentioned that paratypes were lodged with AM but did not label any specimens as such. In his handwritten catalogue he mentioned that there were 41 paratypes but did not give a lot number. Lot MA92956 is the only lot in the AM collections both from the type locality and with 41 specimens and is here given paratype status.

Current name: *Maoristylus ambagiosus* (Suter, 1907) – MolluscaBase (2023).

Placostylus (Maoristylus) ambagiosus paraspiritus
Powell, 1951

Powell, A.W.B., 1951b, pp. 137, 138, pl. 28, fig. 6.

Holotype: MA71178, collected from headland, 1.6 km (1 mile) south of Cape Maria van Diemen, Northland, New Zealand.

Remarks: Powell (1951b: 137) mentioned that paratypes were lodged with AM but did not label any specimens as such. In his handwritten catalogue he mentioned that there were 34 paratypes but did not give a lot number. Lot MA80774 is from the type locality and contains 33 specimens. Many of these specimens had been labelled as topotypes.

Current name: *Maoristylus ambagiosus* (Suter, 1907) – MolluscaBase (2023).

† *Placostylus (Maoristylus) ambagiosus spiritus*
Powell, 1947

Powell, A.W.B., 1947c, p. 185, pl. 21, figs 7–9.

Holotype: MA71092, collected by A.W.B. Powell in February 1932, from sand dunes, 3–5 km (2–3 miles) east of Whangakea/Pandora, Piwhane/Spirits Bay, Northland, New Zealand.

Current name: *Maoristylus ambagiosus* (Suter, 1907) – MolluscaBase (2023).

Placostylus (Maoristylus) ambagiosus wattii Powell, 1947

Powell, A.W.B., 1947c, pp. 187, 188, pl. 22, figs 10–13.

Holotype: MA71079, collected by A.W.B. Powell in December 1945, from midway between Waikuku Beach and North Cape Lighthouse, Northland, New Zealand.

Current name: *Maoristylus ambagiosus* (Suter, 1907) – MolluscaBase (2023).

† *Placostylus (Maoristylus) ambagiosus worthyi*
Powell, 1947

Powell, A.W.B., 1947c, p. 183, pl. 20, figs 7–9.

Holotype: MA71093, collected by A.C. O'Connor, A.W.B. Powell and E.T.B. Worthy in February 1946, from sand dunes, Cape Maria van Diemen, Northland, New Zealand.

Paratypes: MA72463, 18 specimens; MA25938, 56 specimens; all from the type locality.

Current name: *Maoristylus ambagiosus* (Suter, 1907) – MolluscaBase (2023).

Placostylus (Placocharis) manni Clapp, 1923

Clapp, W.F., 1923, p. 411, pl. 5, figs 1, 2.

Holotype: MCZ32437

Paratype: MA72793, one specimen, collected by W.M. Mann in 1916, from the type locality, Auki, Malaita, Solomon Islands.

Current name: *Placocharis manni* (Clapp, 1923) – MolluscaBase (2023).

Family BULIMULIDAE

Bostryx vilchezi Weyrauch, 1960

Weyrauch, W.K., 1960, pp. 32, 33, pl. 3, figs 8–10.

Holotype: SMF 155704

Paratype: MA73659, one specimen, collected by W.K. Weyrauch, from the type locality, at 1950 m elevation, Socota, 20 km NE of Cutervo, Peru.

Current name: *Bostryx vilchezi* Weyrauch, 1960 – MolluscaBase (2023).

Naesiotus quitensis antisana Rehder, 1942

Rehder, H.A., 1942, p. 103, not figured.

Holotype: USNM 516940

Paratypes: MA73508, six specimens, collected by R.W. Jackson, from the type locality, Mount Antisana, Pichincha, Ecuador.

Current name: *Naesiotus quitensis* (L. Pfeiffer, 1848) – Salvador *et al.* (2023: 66); MolluscaBase (2023).

Naesiotus quitensis jacksoni Rehder, 1940

Rehder, H.A., 1940, p. 116, pl. 13, figs 1, 5.

Holotype: USNM 473969

Paratypes: MA73506, four specimens, collected by R.W. Jackson, from the type locality, Guailabamba, Pichincha, Ecuador.

Current name: *Naesiotus quitensis* (L. Pfeiffer, 1848) – Salvador *et al.* (2023: 66); MolluscaBase (2023).

Naesiotus quitensis orinus Rehder, 1940

Rehder, H.A., 1940, pp. 116, 117, pl. 13, figs 6, 10.

Holotype: USNM 473971

Paratypes: MA73507, six specimens; MA73657, seven specimens; all collected from the type locality, near Riobamba, foothills of Chimborazo Volcano, Chimborazo, Ecuador.

Current name: *Naesiotus quitensis* (L. Pfeiffer, 1848) – Salvador *et al.* (2023: 66); MolluscaBase (2023).

***Neopetraeus camachoi* Weyrauch, 1967**

Weyrauch, W.K., 1967, p. 418, pl. 3, figs 68–70.

Holotype: FML 1240a

Paratype: MA73552, one specimen, collected from the type locality, the left bank of the Rio Chotano, Cuesta de Chuguid, Cajamarca department, Peru.

Current name: *Neopetraeus camachoi* Weyrauch, 1967 – Salvador *et al.* (2023: 66); MolluscaBase (2023).

Superfamily PUPILLOIDEA**Family ACHATINELLIDAE*****Newcombia canaliculata wailauensis* Pilsbry & C.M. Cooke, 1912**

Pilsbry, H.A. and C.M. Cooke, 1912–1914, p. 7, pl. 14, fig. 5.

Lectotype: ANSP 110069

Probable lectotypes: MA72740, six specimens, collected by D. Thaanum, from Wailau, Molokai, Hawaii, United States of America.

Remarks: Pilsbry and Cooke (1912: 7) stated ‘Cotypes in coll. Bishop Museum and A.N.S.P.’ However, the specimens held at ANSP are designated as lectotype and paralectotypes but a published lectotypification has not been found. The AM specimens are labelled as paratypes and came into the AM collections via Powell’s personal collection. They are here regarded as probable paralectotypes.

Current name: *Newcombia canaliculata wailauensis* Pilsbry & C.M. Cooke, 1912 – MolluscaBase (2023).

Family AMASTRIDAE***Amastra baldwiniana kahakuloensis* Pilsbry & C.M. Cooke, 1914**

Pilsbry, H.A. and C.M. Cooke, 1914–1916, p. 43, pl. 8, figs 5, 6.

Lectotype: ANSP 108168

Probable paralectotypes: MA73249, three specimens, collected by D. Thaanum, from Kahakuloa, Maui, Hawaii, United States of America.

Remarks: Pilsbry and Cooke (1914–1916) did not designate a type. Subsequently, specimens held at ANSP were designated as lectotype and paralectotypes but a published lectotypification has not been located. The AM specimens are labelled as paratypes and came into the AM collections via Powell’s personal collection. They are here regarded as probable paralectotypes.

Current name: *Amastra baldwiniana kahakuloensis* Pilsbry & C.M. Cooke, 1914 – MolluscaBase (2023).

Family STROBILOPSIDAE***Laoma elegans* Suter, 1896**

Suter, H., 1896, pp. 35, 36, pl. 4, figs 11, 12.

Holotype: NMNZ M.002908

Paratype: MA73077, one specimen, collected from the type locality, Whangārei, Northland, New Zealand.

Remarks: This is a mislocalised North American species. See Climo (1979: 408) for re-identification of the AM specimen.

Current name: *Strobilops aeneus* Pilsbry, 1926 – Climo (1979: 408); MolluscaBase (2023).

Superfamily CLAUSILIOIDEA**Family CLAUSILIIDAE*****Temesa pilsbryi* Weyrauch, 1956**

Weyrauch, W.K., 1956, pp. 146–148, pl. 11, figs 1–4.

Holotype: SMF 155296

Paratype: MA73229, one specimen, collected by W.F. Weyrauch, from the type locality, 3360–3370 m elevation, El Infiernillo, right bank of the Río Rimac, 90 km NE of Lima, on the highway from Lima to Oroya, western slope of the Andes, Peru.

Current name: *Parabalea pilsbryi* (Weyrauch, 1956) – Salvador *et al.* (2023: 68, 69); MolluscaBase (2023).

***Zilchiella grandiportus* Weyrauch, 1957**

Weyrauch, W.K., 1957, pp. 10–13, pl. 1, figs 5–10.

Holotype: SMF 155710

Paratypes: MA72774, two specimens, collected by W.F. Weyrauch, from the type locality, 2700 m elevation, left bank of the Río Llaucan, 8 km NE of Bambamarca, Pena Rota, Peru.

Current name: *Zilchiella grandiportus* Weyrauch, 1957 – Salvador *et al.* (2023: 69); MolluscaBase (2023).

Superfamily TROCHOMORPHOIDEA**Family EUCONULIDAE*****Laoma (Phrixgnathus) lucida elevata* Suter, 1896**

Suter, H., 1896, p. 36, not figured.

Lectotypification in Climo, F.M., 1979, p. 410.

Lectotype: NMNZ M.002912

Paralectotype: MA73078, one specimen, collected by ‘Mr Grosch’, Whangārei, Northland, New Zealand.

Remarks: The specimen is the juvenile of a foreign species and was described in error by Suter (1896) as a New Zealand subspecies (see Climo 1979: 410).

Current name: *Euconulus fulvus* (O.F. Muller, 1774) – MolluscaBase (2023).

Superfamily HELICOIDEA**Family CAMAENIDAE*****Megalacron parkinsoni* Van Goethem, 1984**

Van Goethem, J.L., 1984, p. 159, figs 1–6.

Holotype: KBIN I.G. 26.080

Paratype: MA73666, one specimen, collected by B. Parkinson in February 1978, from the type locality, near Kono village, 40 km NW of Namatanai, New Ireland, Papua New Guinea.

Current name: *Megalacron parkinsoni* Van Goethem, 1984 – MolluscaBase (2023).

***Obba listeri mayabigana* Bartsch, 1933**

Bartsch, P., 1933, pp. 350, 351, pl. 89, fig. 1.

Holotype: USNM 322930

Paratypes: MA72741, two specimens, collected by P. de Mesa, from the type locality, Mayabig, Baco, Mindoro, Philippines.

Current name: *Obba listeri mayabigana* Bartsch, 1933 – MolluscaBase (2023).

Family EPIPHRAGMOPHORIDAE

***Karlschmidtia lentiformis* Haas, 1955**

Haas, F., 1955, pp. 328, 329, fig. 69.

Holotype: CNHM 51271

Paratype: MA73551, two specimens, collected by C. Kalinowski in October 1953, from the type locality, Hacienda Mozobamba, Andahuaylas, Apurimac, Peru.

Current name: *Epiphragmophora lentiformis* (Haas, 1955) – Salvador *et al.* (2023: 70); MolluscaBase (2023).

Family POLYGYRIDAE

†*Stenotrema hubrichti* Pilsbry, 1940

Pilsbry, H.A., 1940, p. 687, fig. 423.

Holotype: ANSP 174941

Paratype: MA73182, one specimen, collected by L. Hubricht, from Pleistocene talus, south of McCann School, 3.6 km (2 miles) NE of Aldridge, Union County, Illinois, United States of America.

Current name: *Euchemotrema hubrichti* (Pilsbry, 1940) – MolluscaBase (2023).

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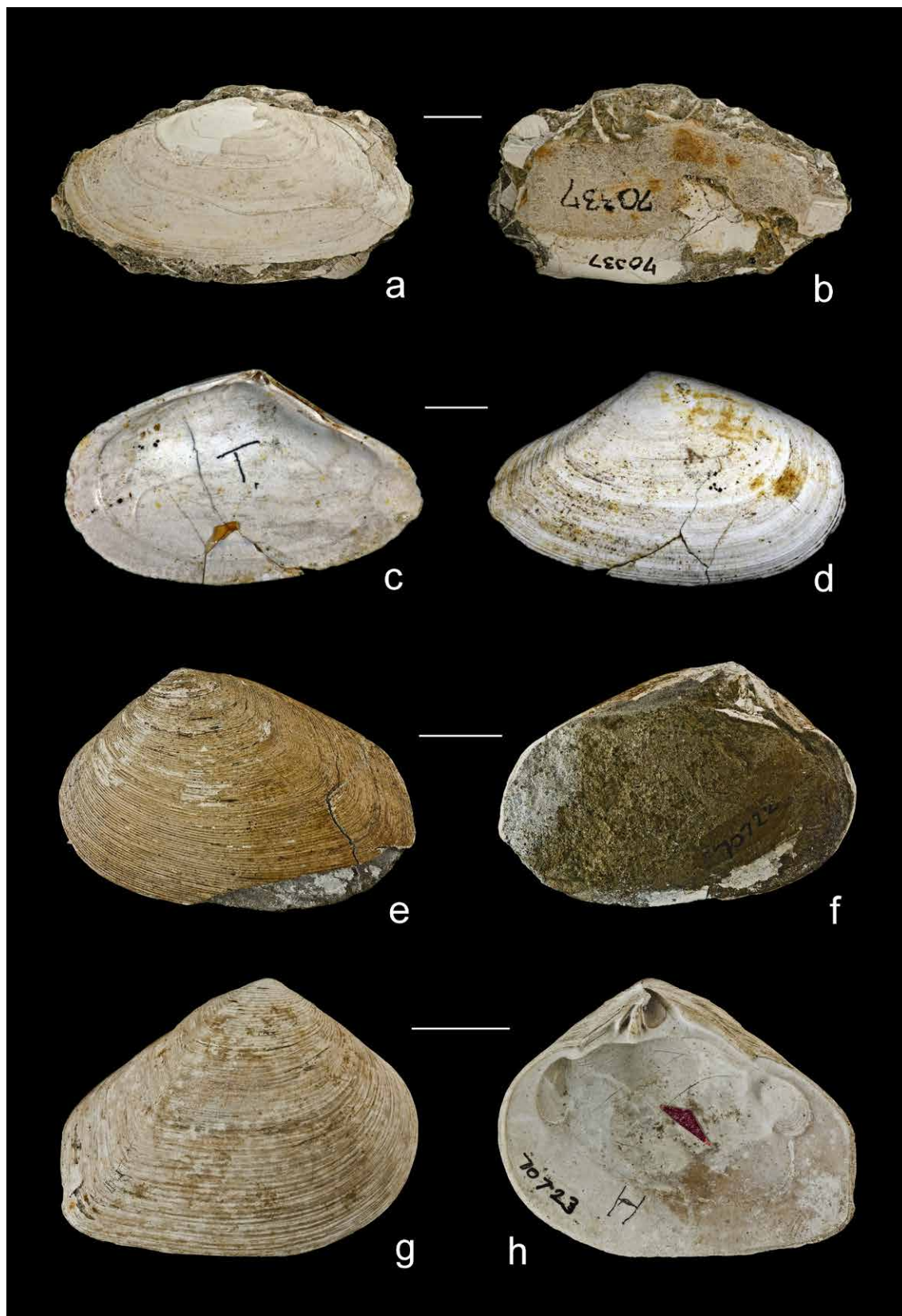


Plate 1.

a, b *Gari oamarutica* Finlay, 1930, holotype (MA70337), left valve exterior and interior views. Scale bar 5 mm.
 c, d *Angulus (Peronidia) tumens* Laws, 1933, holotype (MA70036), right valve exterior and interior views. Scale bar 5 mm.
 e, f *Spissatella acculta* Finlay, 1926, holotype (MA70722), right valve exterior and obverse views. Scale bar 10 mm.
 g, h *Spissatella clifdenensis* Finlay, 1926, holotype (MA70723), left valve exterior and interior views. Scale bar 10 mm.

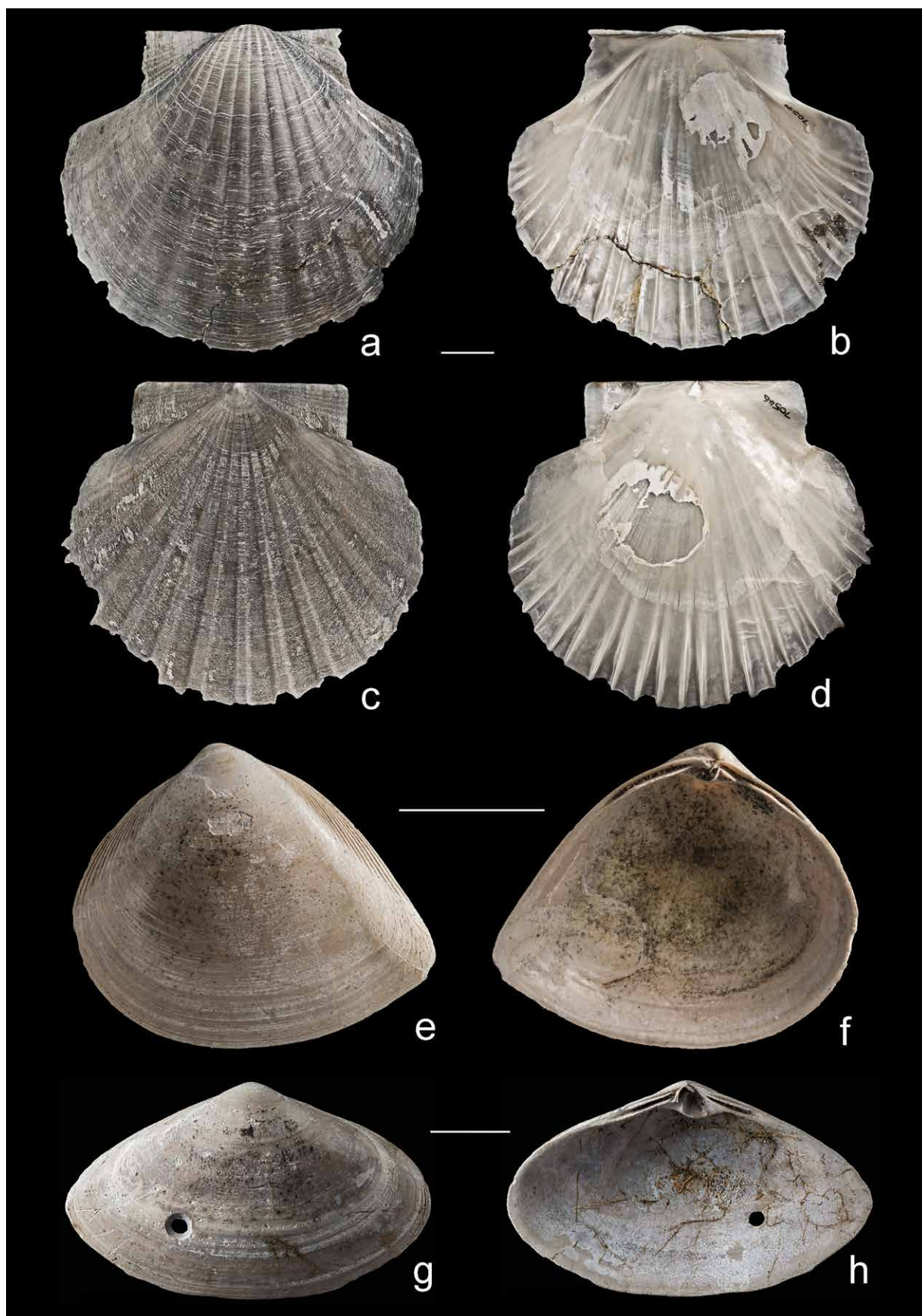


Plate 2.

a–d *Notovola marwicki* Finlay, 1930, holotype (MA70546), right and left valves exterior and interior views. Scale bar 10 mm.

e, f *Maorimactra acuminella* Finlay, 1930, holotype (MA70438), left valve exterior and interior views. Scale bar 5 mm.

g, h *Scalpomactra continua* Finlay, 1930, holotype (MA70687), right valve exterior and interior views. Scale bar 5 mm.

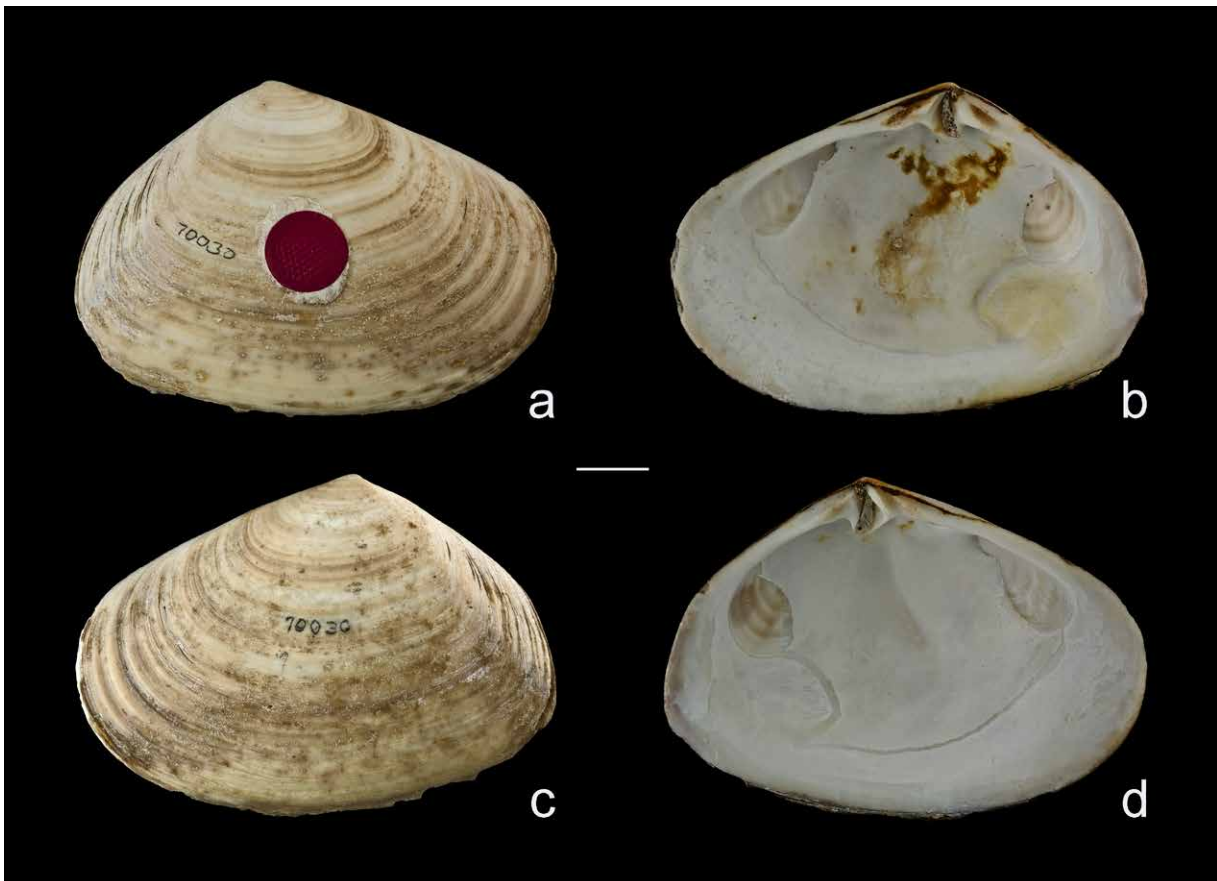


Plate 3.
a–d *Amphidesma forsteriana* Finlay, 1926, holotype (MA70030), right and left valves exterior and interior views.
Scale bar 10 mm.

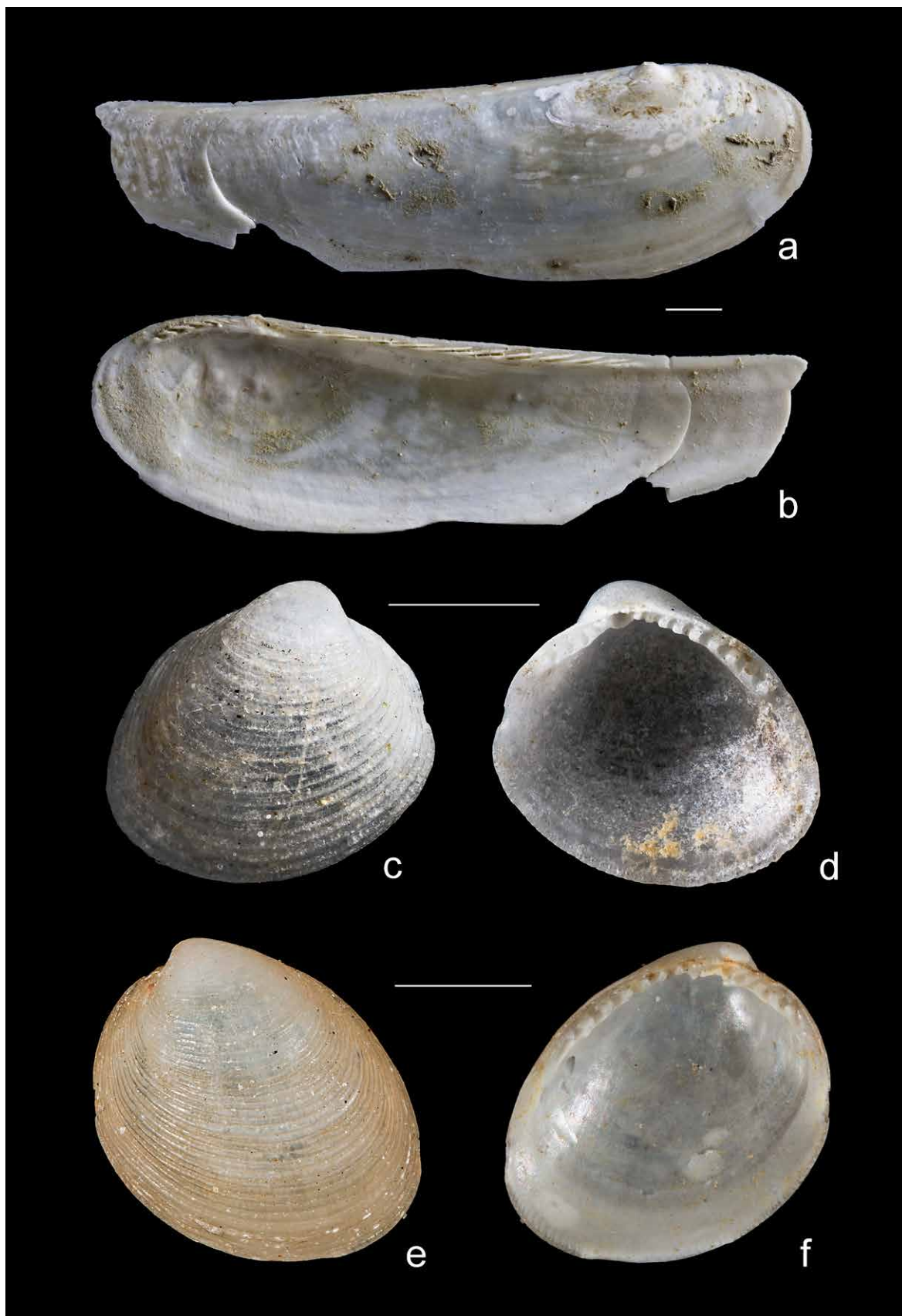


Plate 4.

a, b *Poroleda pertubata* Iredale, 1924, holotype (MA72961), right valve exterior and interior views. Scale bar 1 mm.
 c, d *Nucula certisinus* Finlay, 1930, holotype (MA70551), left valve exterior and interior views. Scale bar 1 mm.
 e, f *Nucula rossiana* Finlay, 1930, holotype (MA70555), right valve exterior and interior views. Scale bar 1 mm.

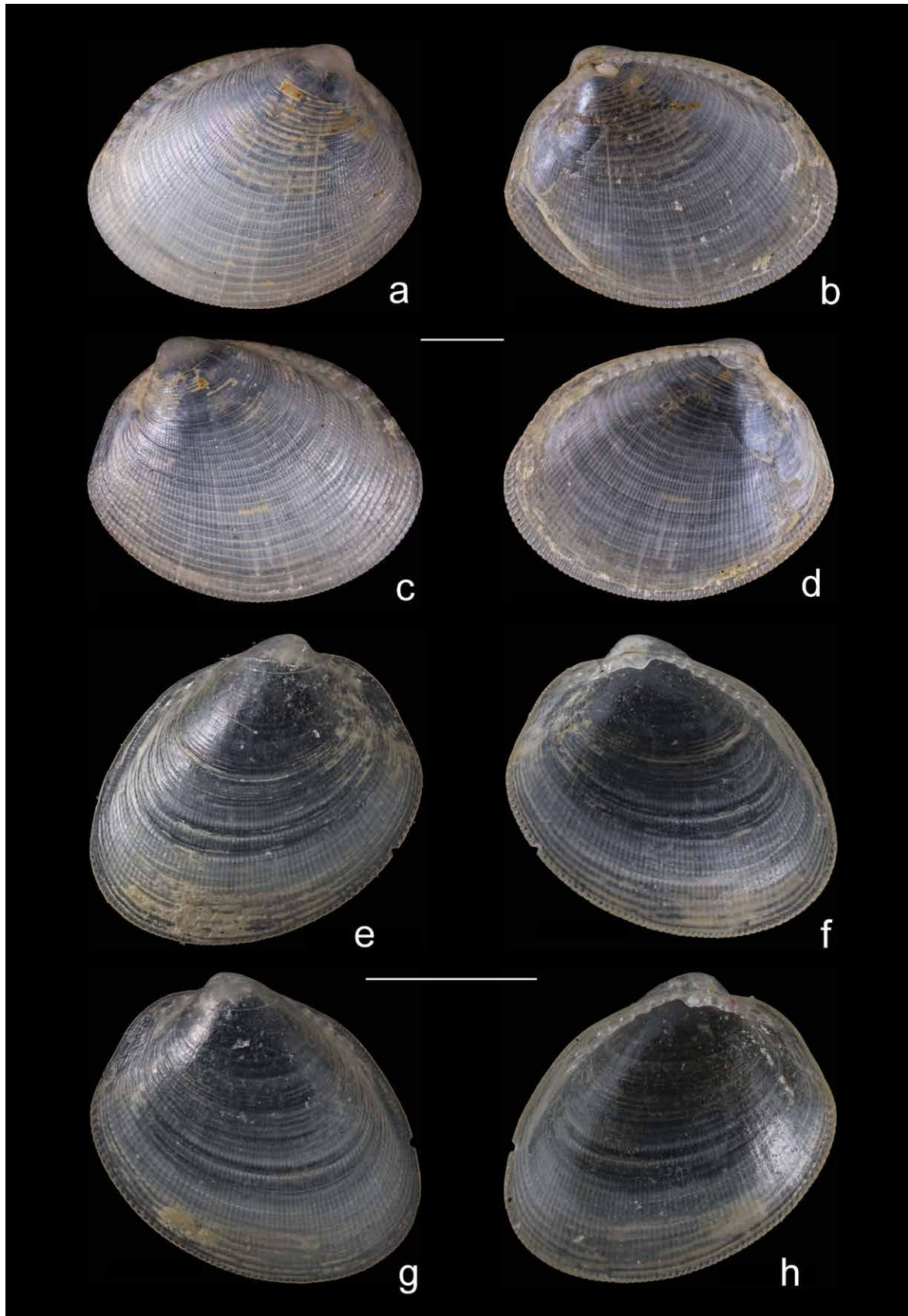


Plate 5.
a–d and e–h *Nucula gallinacea* Finlay, 1930, syntypes (MA70553), consisting of the exterior and interior views of the left and right valves of two specimens. The syntype consisting of the single left valve is not shown. Scale bar 1 mm.

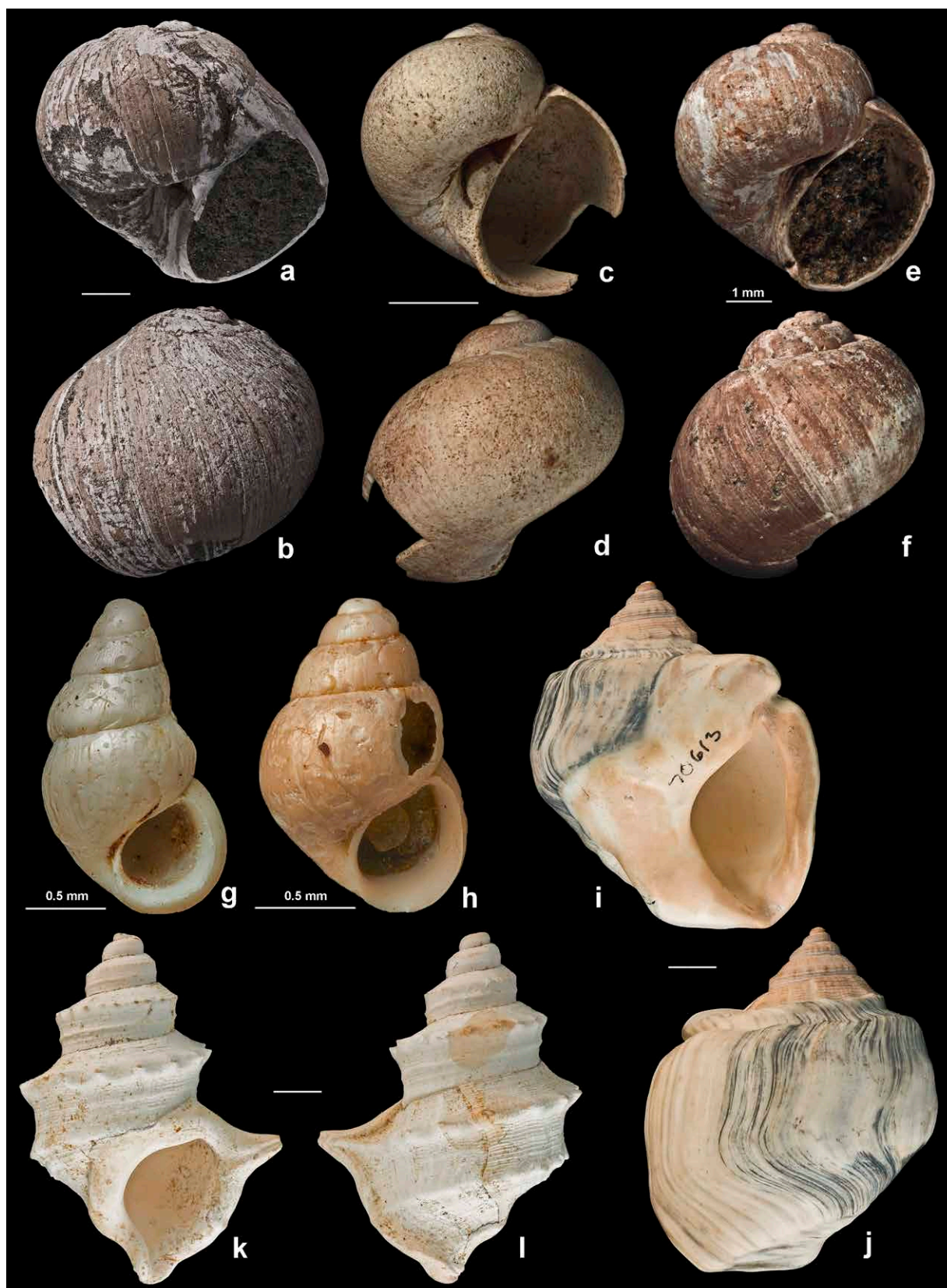


Plate 6.

Scale bar 5 mm unless otherwise specified.

- a, b *Magnatica (Spelaenacca) parilis* Finlay, 1930, holotype (MA70431), apertural and abapertural views.
 c, d *Natica inexpectata* Finlay, 1924, holotype (MA70514), apertural and abapertural views.
 e, f *Natica praeconsors* Finlay, 1924, holotype (MA71287), apertural and abapertural views. Scale bar 1 mm.
 g *Badenia zebina* Finlay, 1930, holotype (MA70090), apertural view. Scale bar 0.5 mm.
 h *Notosetia prisca paroeca* Finlay, 1924, holotype (MA70541), apertural view. Scale bar 0.5 mm.
 i, j *Pellicaria marwicki* Finlay, 1931, holotype (MA70613), apertural and abapertural views.
 k, l *Struthiolaria calcar* F.W. Hutton, 1886, neotype (MA70735), apertural and abapertural views.

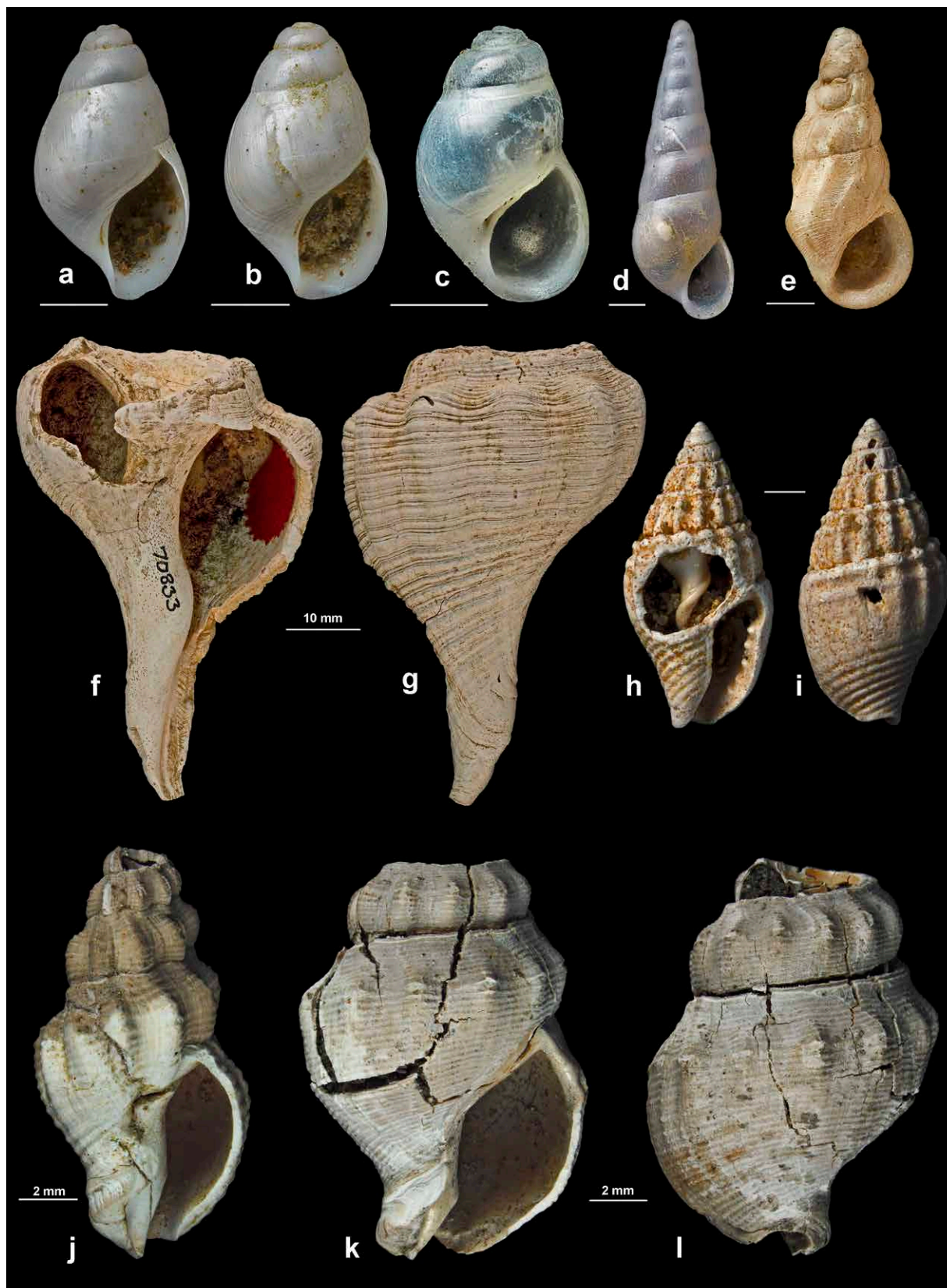


Plate 7.

Scale bar 0.5 mm unless otherwise specified.

a, b *Nozeba candida effusa* Finlay, 1924, syntypes (MA70549), apertural views.

c *Nozeba mica* Finlay, 1930, holotype (MA70550), apertural view.

d *Eulima archeyi* Finlay, 1928, holotype (MA70288), apertural view.

e *Rissoina larochei* Finlay, 1930, holotype (MA70677), apertural view.

f, g *Verconella interjuncta* Finlay, 1930, holotype (MA70833), apertural and abapertural views. Scale bar 10 mm.

h, i *Zafra opihiensis* Laws, 1933, holotype (MA70855), apertural and abapertural views.

j *Cominula (Procominula) praecox* Finlay, 1926, holotype (MA70192), apertural view. Scale bar 2 mm.

k, l *Cominula (Procominula) propinqua* Finlay, 1926, holotype (MA70193), apertural and abapertural views. Scale bar 2 mm.

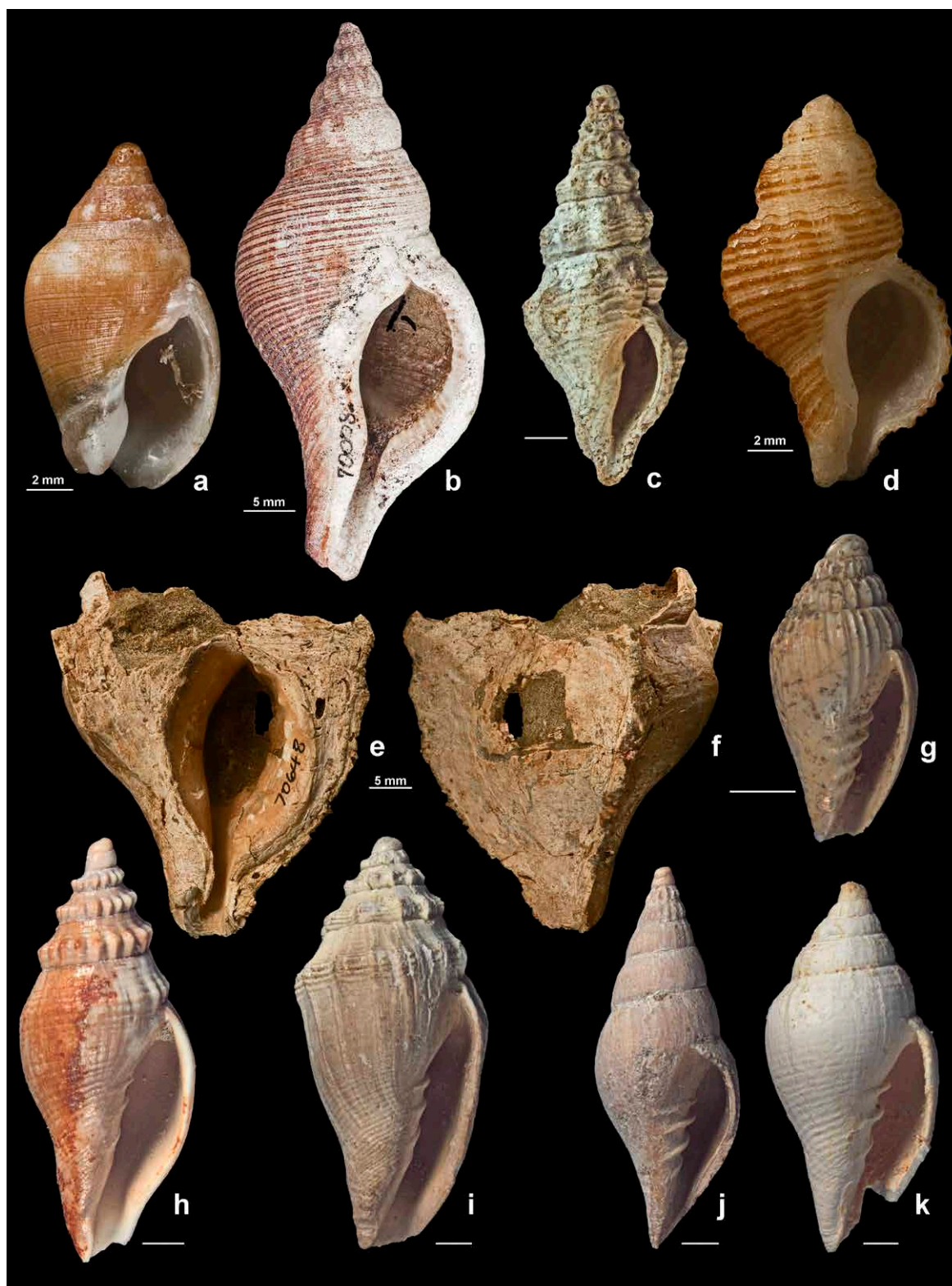


Plate 8.

Scale bar 1 mm unless otherwise specified.

a *Radulphus necopinatus* Finlay, 1930, holotype (MA70662), apertural view. Scale bar 2 mm.

b *Aeneator otagoensis* Finlay, 1930, holotype (MA70008), apertural view. Scale bar 5 mm.

c *Borsonia clifdenensis* Finlay, 1930, holotype (MA70105), apertural view.

d *Murexsul mariae* Finlay, 1930, holotype (MA70502), apertural view. Scale bar 2 mm.

e, f *Pterynotus laetificus* Finlay, 1930, holotype (MA70648), apertural and abapertural views. Scale bar 5 mm.

g *Parvimitra clifdenensis* Finlay, 1930, holotype (MA70589), apertural view.

h *Proximitra partinoda* Finlay, 1930, holotype (MA70640), apertural view.

i *Proximitra paucinoda* Finlay, 1930, holotype (MA70641), apertural view.

j *Waimatea amplexa* Finlay, 1930, holotype (MA70846), apertural view.

k *Waimatea transilis* Finlay, 1930, holotype (MA70847), apertural view.

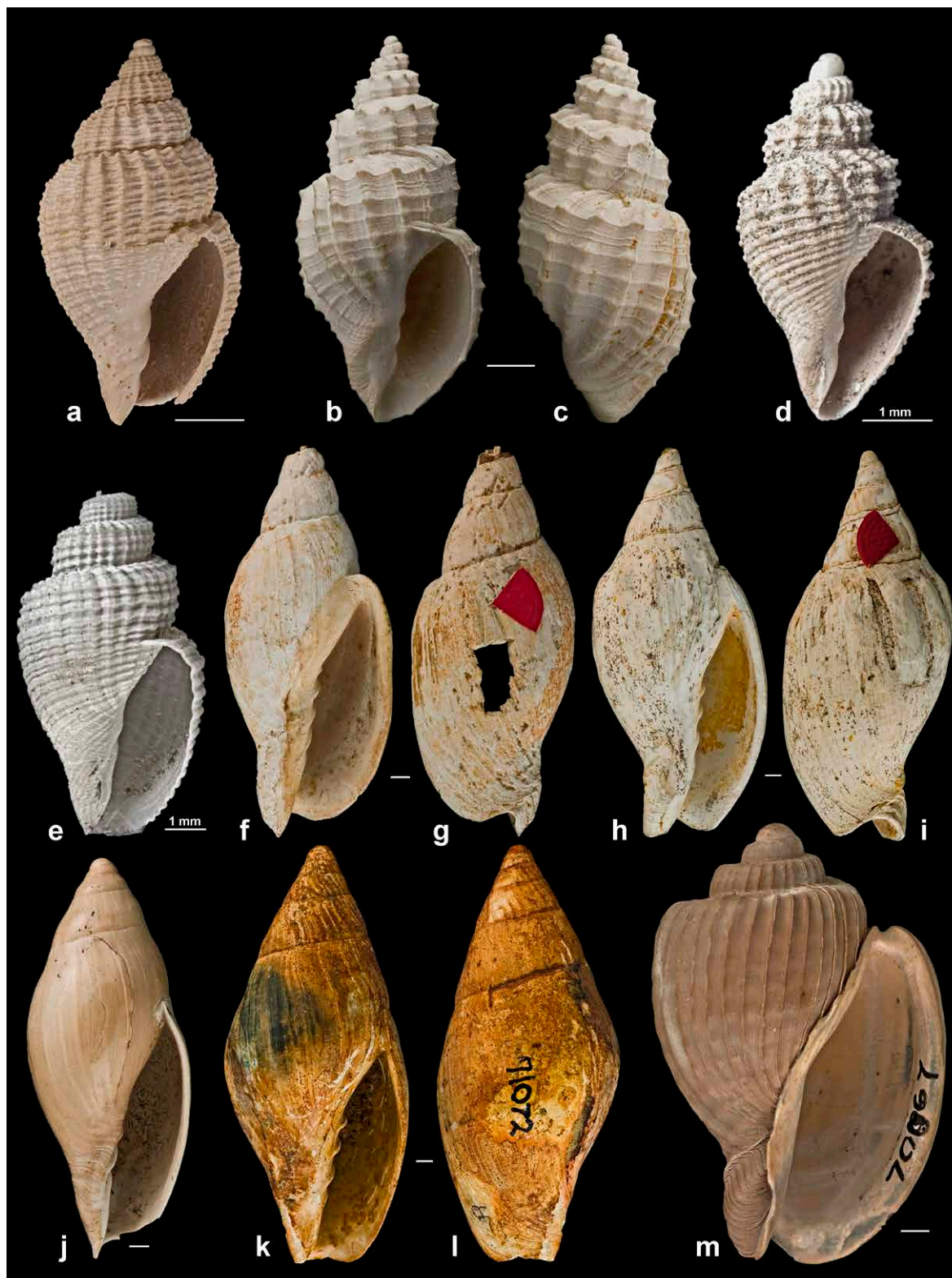


Plate 9.

Scale bar 2 mm unless otherwise specified.

a *Oamarula* (?) *nodus* Finlay, 1930, holotype (MA70558), apertural view.

b, c *Uxia naroniformis* Finlay, 1930, holotype (MA70820), apertural and abapertural views.

d *Zeadmete miocenica* Finlay, 1930, holotype (MA70863), apertural view. Scale bar 1 mm.

e *Zeadmete pliocenica* Finlay, 1930, holotype (MA70864), apertural view. Scale bar 1 mm.

f, g *Miomelon inermis* Finlay, 1926, holotype MA70476), apertural view.

h, i *Miomelon reverta* Finlay, 1926, holotype (MA70477), apertural view.

j *Notopleplum balcombense* Finlay, 1930, holotype (MA71071), apertural view.

k, l *Notopleplum saginatum* Finlay, 1930, holotype (MA71072), apertural view.

m *Austroharpa tatei* Finlay, 1931, holotype (MA70067), apertural view.

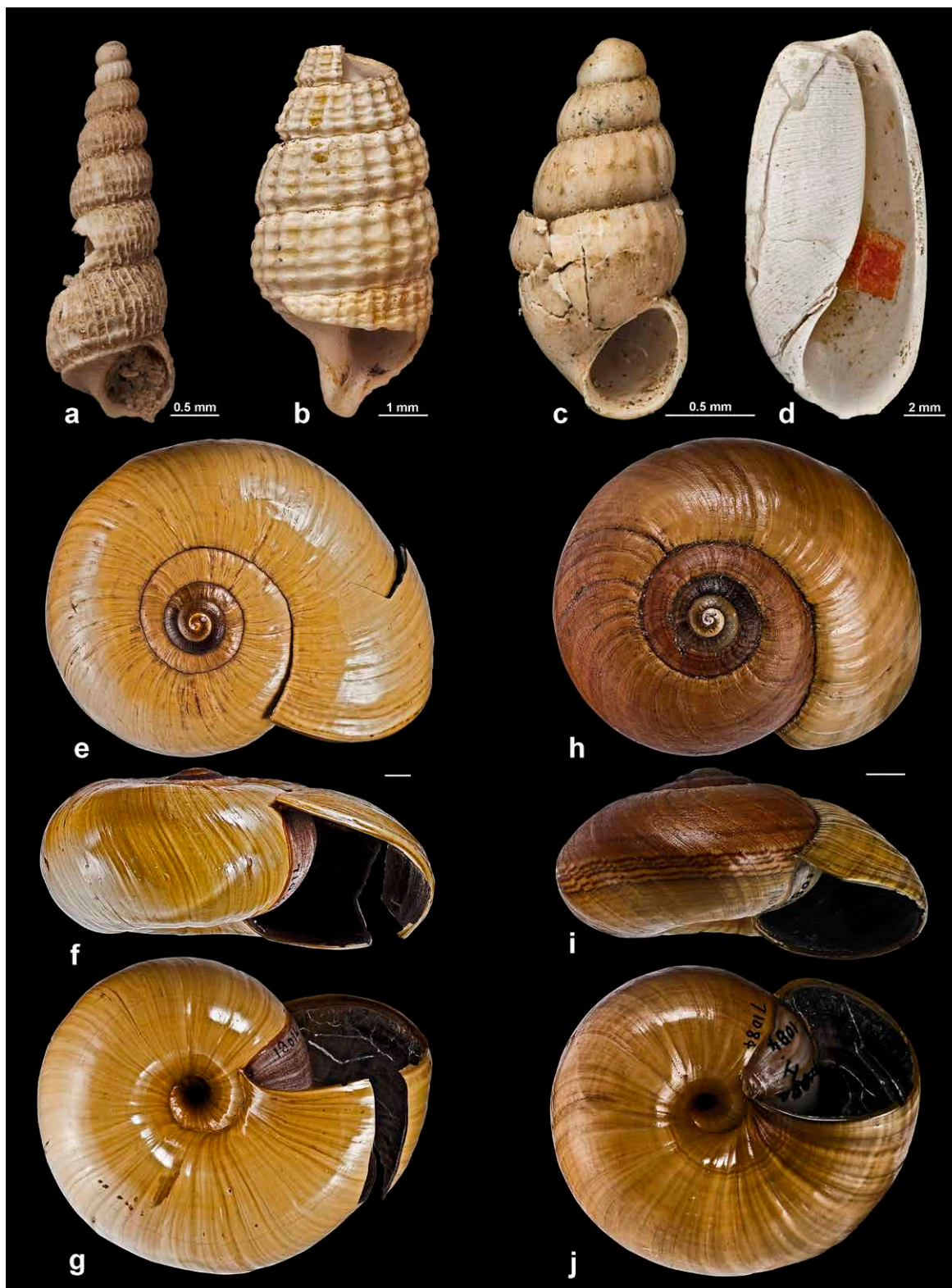


Plate 10.

a *Murdochella tertia* Finlay, 1930, holotype (MA70496), apertural view. Scale bar 0.5 mm.

b *Ataxocerithium pyramidale robustum* Finlay, 1924, holotype (MA70054), apertural view. Scale bar 1 mm.

c *Rissopsis castlecliffensis* Finlay, 1930, holotype (MA70680), apertural view. Scale bar 0.5 mm.

d *Kaitoa haroldi* Marwick, 1931, holotype (MA70372), apertural view. Scale bar 2 mm.

e–g *Paryphanta superba prouseorum* Powell, 1946, holotype (MA71081), dorsal, apertural and ventral views. Scale bar 5 mm.

h–j *Paryphanta traversi koputaroa* Powell, 1946, holotype (MA71084), dorsal, apertural and ventral views. Scale bar 5 mm.

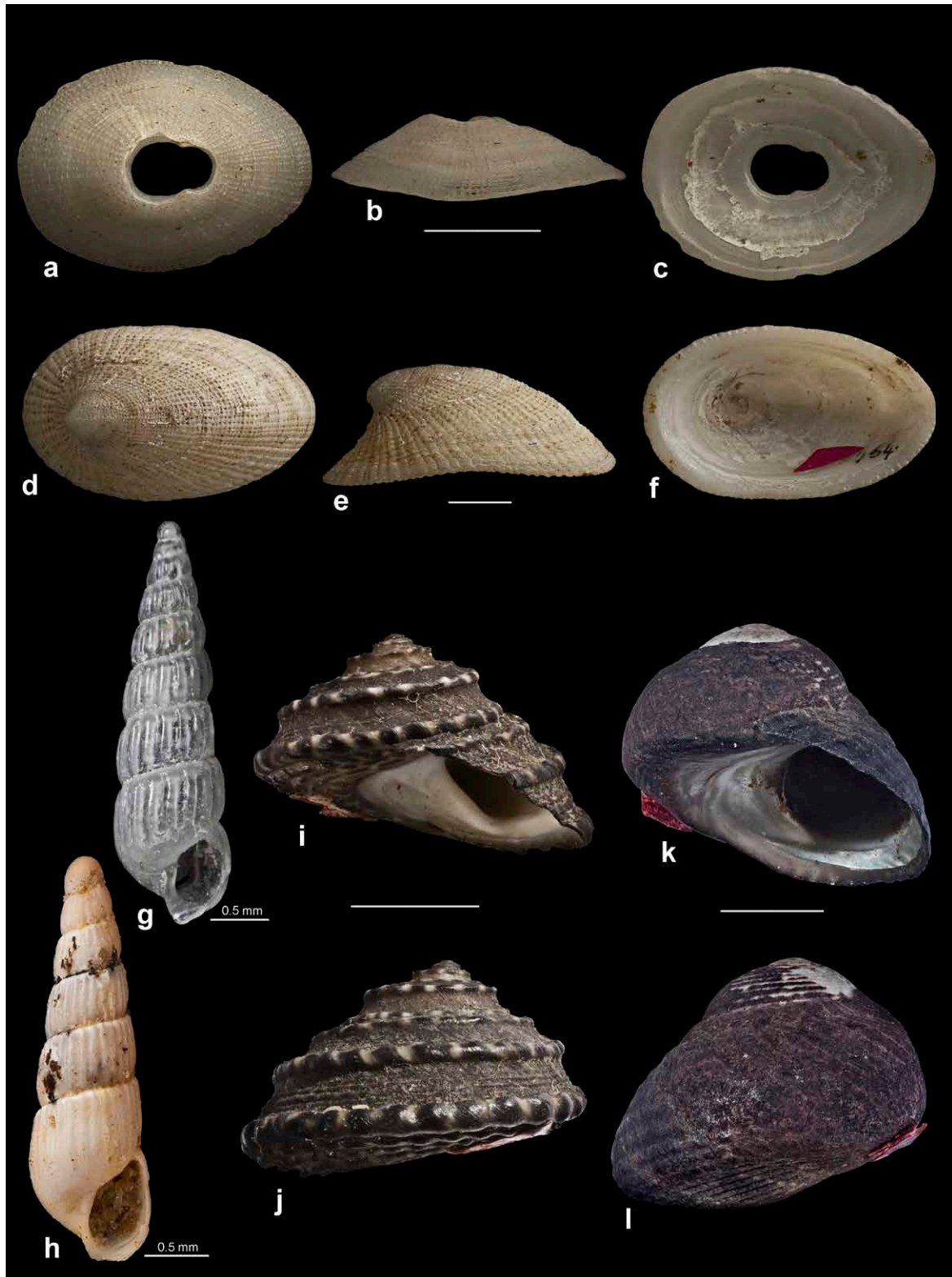


Plate 11.

Scale bar 5 mm unless otherwise specified.

a–c *Monodilepas diemenensis* Finlay, 1930, holotype (MA70484), dorsal, lateral, and ventral views.

d–f *Tugali colvillensis* Finlay, 1926, holotype (MA70781), dorsal, lateral, and ventral views.

g *Chemnitzia owenga* Laws, 1937, holotype (MA70154), apertural view. Scale bar 0.5 mm.

h *Turbonilla oamarua* Laws, 1937, holotype (MA70799), apertural view. Scale bar 0.5 mm.

i, j *Anisodiloma lugubris lenior* Finlay, 1926, holotype (MA70034), apertural and abapertural views.

k, l *Zediloma arida* Finlay, 1926, holotype (MA70869), apertural and abapertural views.



Plate 12.

Scale bar 0.5 mm unless otherwise specified.

a, b *Schismope iota* Finlay, 1926, holotype (MA70693), apertural and oblique views, the latter showing the slit.

c, d *Schismope lyallensis* Finlay, 1926, holotype (MA70696), apertural and oblique views, the latter showing the slit.

e, f *Herpetopoma mariae* Finlay, 1930, holotype (MA70357), apertural and abapertural views. Scale bar 1 mm.

g, h *Argalista impervia* Finlay, 1930, holotype (MA70040), apertural and abapertural views.

i *Argalista kaiparaensis* Finlay, 1930, holotype (MA70041), apertural view.

j, k *Argalista leniumbilicata* Laws, 1935, holotype (MA70043), apertural and abapertural views.

l, m *Argalista nana* Finlay, 1930, holotype (MA70044), apertural and abapertural views.

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