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Fossil and Recent molluscan types in the Auckland War Memorial Museum. Part 4: Gastropoda (Caenogastropoda – Neocyclotidae to Epitoniidae). [Cyclophoroidea, Cerithioidea, Littorinimorpha]

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Abstract

The Marine Department of Auckland War Memorial Museum has an actively growing type collection with currently 1,777 primary types and a further 1,835 paratypes and paralectotypes. The majority are molluscan and this fourth part of a catalogue of these collections reviews the types for 498 Caenogastropoda species and subspecies. It deals with 355 primary types and 388 secondary type lots, which are split between 357 Recent taxa and 141 fossil taxa. Fifteen of the primary types reviewed here are illustrated for the first time.

Keywords

Auckland Museum; name-bearing types; Mollusca; Caenogastropoda; Architaenioglossa; Sorbeoconcha; Littorinimorpha.

INTRODUCTION

The Marine Department of Auckland War Memorial Museum (Auckland Museum) currently holds 1,777 lots of name-bearing types, in the form of holotypes, neotypes, syntypes and lectotypes, and a further 1,835 paratypes and paralectotypes. These are spread across several phyla, but the great majority are Mollusca. They include terrestrial Mollusca as well as marine species, and fossil as well as extant taxa.

The first list of biological primary types in the Auckland Museum collection which included the molluscs, was published by Powell (1941a), followed by a supplement in 1949 (Powell 1949). The present publication is Part 4 of an updated and expanded catalogue of molluscan type material held by Auckland Museum. Part 1 of this catalogue dealt with the Bivalvia (Blom 2016), Part 2 with the Polyplacophora and Scaphopoda (Blom 2017) and Part 3 with Patellogastropoda and Vetigastropoda (Blom 2019).

The present contribution, Part 4 of the catalogue, covers the Caenogastropoda (Cyclophoroidea, Cerithioidea and Littorinimorpha), including 355 primary types and 388 secondary type lots representing 498 caenogastropod species. These are split between Recent (357) and fossil (141) taxa. The majority are from New Zealand (480), but there are also species from Antarctica (1), Australia (3), Cuba (3), Israel (1), Jamaica (1), Madeira (1), Northern Pacific (1), Papua New Guinea (1), Samoa (1), South Atlantic (2), South Orkney Islands (1) and the United States of America (2).

METHODS

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

For Recent New Zealand species the taxonomic order, family placements and current names follow Spencer *et al.* (2018) and MolluscaBase (2020). The latter, accessed through World Register of Marine Species (WoRMS 2020), was also the main reference for taxonomic placement of foreign species. Taxonomic placement, current names and ages of New Zealand Cenozoic fossil taxa are taken from a combination of Beu & Maxwell (1990), Maxwell (in Spencer *et al.* 2009), Beu & Raine (2009) and MolluscaBase (2020).

All specimens listed in the entries below were sighted, and cross-checked by the author against original publications, apart from three holotypes and six paratypes. Despite exhaustive searches by the author and colleagues in existing Auckland Museum collections and records these have not been located and are assumed to be missing. These specimens are marked with an asterisk (*) as well as the year in which they were first recorded as missing. Fossil taxa are indicated by a dagger (†) and their ages have been included as international units 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).



Figure 1. *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; *g* *Badenia zebina* Finlay, 1930, holotype (MA70090) apertural view; *h* *Notosetia prisca paroeca* Finlay, 1924, holotype (MA70541) apertural view; *i* *Rissoina larochei* Finlay, 1930, holotype (MA70677), apertural view; *j, k* *Pellicaria marwicki* Finlay, 1931, holotype (MA70613), apertural view; *l, m* *Struthiolaria calcar* Hutton, 1886, neotype (MA70735), apertural and abapertural views. Unless otherwise stated, scale bars 5 mm.

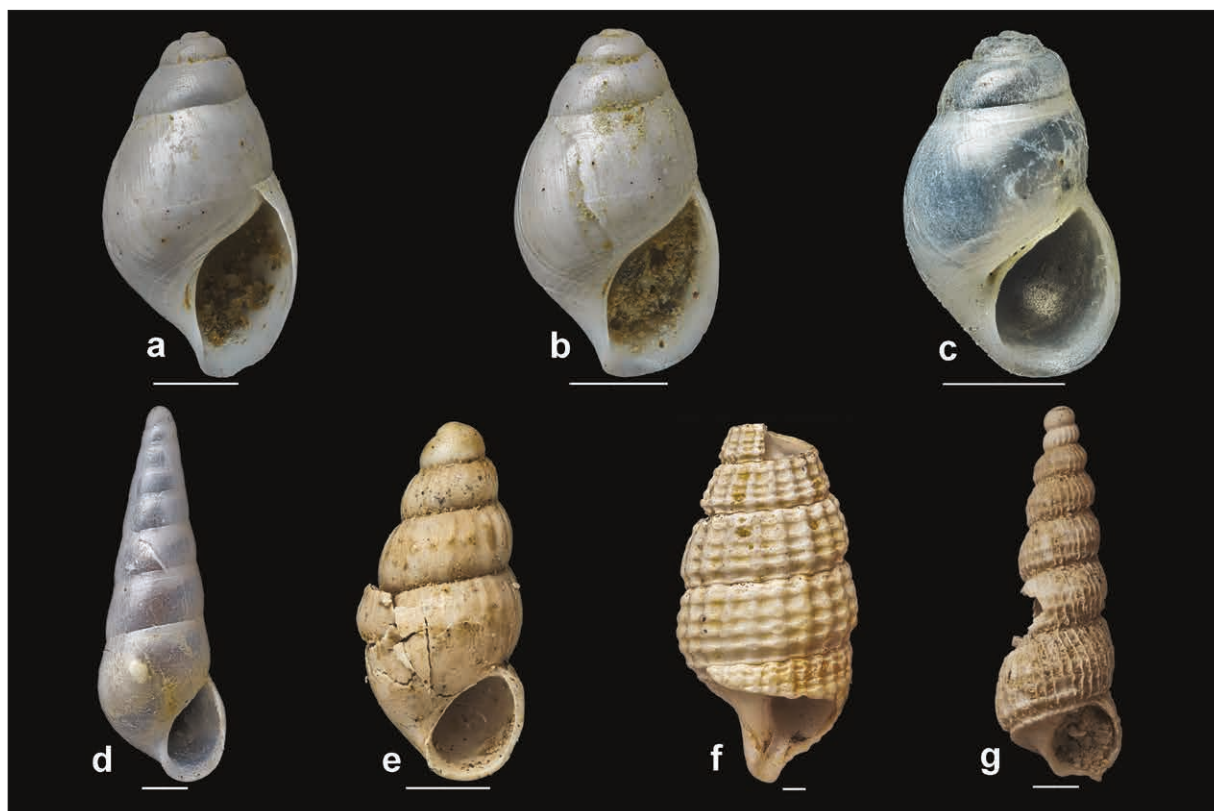


Figure 2 a, b *Nozema candida effusa* Finlay, 1924, syntypes (MA70549), apertural views; c *Nozema mica* Finlay, 1930, holotype (MA70550) apertural view; d *Eulima archeyi* Finlay, 1928, holotype (MA70288), apertural view; e *Rissopsis castlecliffensis* Finlay, 1930, holotype (MA70680), apertural view; f *Cerithium pyramidale robustum* Finlay, 1924, holotype (MA70054), apertural view; g *Murdochella tertia* Finlay, 1930, holotype (MA70496), apertural view. Scale bars 0.5 mm.

Type definitions are those used by the International Code of Zoological Nomenclature (ICZN 2019).

Paratypes have been included in this catalogue, because in some instances the name-bearing type is not readily available (for example, because it is missing, affected by glass disease, or held outside New Zealand). It is therefore useful to know that some of the type series is available within New Zealand.

Geographical locations are those used on specimen labels and published data, but in some cases locations are updated to current place names which 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., 'Rifle Butts'. Dual Māori/English names used are as gazetted in the New Zealand Gazetteer (2020). 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. The Gazetteer also has instances where Māori names are placed in parentheses (), e.g., Great Barrier Island (Aotea Island). As there is no clear ruling on the equivalence of

their status, these combinations have not been used here.

Primary type material of 15 species is illustrated here for the first time with high-resolution images, created with automontage focus stacking techniques. High-resolution images for many of the other primary types may be accessed through Auckland Museum's Collections Online (<http://www.aucklandmuseum.com/collections-research/collections>).

Additional data not shown here may be held with each accession record (e.g., precise site details).

Abbreviations

MCZ	Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, USA.
MONZ	Museum of New Zealand, Te Papa Tongarewa, Wellington, New Zealand.
AM	Auckland War Memorial Museum.
NHM	Natural History Museum, London, United Kingdom.
GNS	GNS Science, Wellington, New Zealand.
CM	Canterbury Museum, Christchurch, New Zealand.
B.M.	Bernice Pauahi Bishop Museum, Honolulu, Hawaii, USA.
TAU	Tel Aviv University, Israel.

USNM United States National Museum of Natural History, Smithsonian Institution, Washington (D.C.) USA.

MCAS Museum of the California Academy of Sciences, San Francisco, California, USA.

MCZR Museo Civico Zoologia Roma, Rome, Italy.

Class GASTROPODA

Subclass CAENOGASTROPODA

Superfamily CYCLOPHOROIDEA

Family NEOCYCLOTIDAE

***Poteria caribaea* Clench, W.J. & C.G. Aguayo, 1935**
Clench, W.J. & Aguayo, C.G., 1935, p. 51, pl. 3, fig. 5 (holotype), fig. 6 (paratypes).

Holotype: MCZ 109264

Paratypes: MA73550, five specimens, collected by B.W. Arnold in April 1932 from 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 (2020).

Family PUPINIDAE

***Cytora brooki* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, p. 59, figs 4E (holotype), 6E, F (paratype), 1E.

Holotype: MONZ 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 & Barker, 2007 – Spencer *et al.* (2018).

***Cytora depressa* 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, the west side of Takaka Hill, Tasman, New Zealand.

Paratypes: MA71841, three specimens from the type locality.

Current name: *Cytora depressa* Gardner, 1968 – Spencer *et al.* (2018).

***Cytora gardneri* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, pp. 68, 69, figs 7I, J (holotype), 4K (paratype), 11A.

Holotype: MONZ M.179667

Paratype: MA73290, one specimen, collected by C.C. Ogle in November 1986, from the type locality, northeast of Waitiki Landing, Northland, New Zealand.

Current name: *Cytora gardneri* B.A. Marshall & Barker, 2007 – Spencer *et al.* (2018).

***Cytora hazelwoodi* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, p. 71, figs 10C, D (holotype), 9A (paratype), 11D.

Holotype: MONZ M.179668

Paratype: MA73291, one specimen, collected by P.C. Mayhill in August 1980, southwest of Coroglen, Coromandel Peninsula, New Zealand.

Remarks: Paratype was published by B.A. Marshall & Barker (2007: 71) as lodged at Auckland Museum. It remained at MONZ and was registered as M.169121/1. It will be deaccessioned and lodged with AM retrospectively.

Current name: *Cytora hazelwoodi* B.A. Marshall & Barker, 2007 – Spencer *et al.* (2018).

***Cytora hispida* 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* Gardner, 1967 – Spencer *et al.* (2018).

***Cytora houhora* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, pp. 76, 77, figs 9B, 10G, H (holotype), 13B.

Holotype: MONZ 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 & Barker, 2007 – Spencer *et al.* (2018).

***Cytora jamiesoni* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, pp. 77, 79, figs 10K (holotype), 9E, 10L (paratypes), 13C.

Holotype: MONZ 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 & Barker, 2007 – Spencer *et al.* (2018).

***Cytora kahurangi* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, p. 79, figs 9C (holotype), 12A, B (paratypes), 13D.

Holotype: MONZ 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 & Barker, 2007 – Spencer *et al.* (2018).

***Cytora kamura* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, pp. 81–83, figs 2B, 9F (holotype), 11F, 12E, F (paratypes).

Holotype: MONZ 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 & Barker, 2007 – Spencer *et al.* (2018).

***Cytora kerrana* 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 collected from the type locality.

Current name: *Cytora kerrana* Gardner, 1968 – Spencer *et al.* (2018).

***Cytora malleata* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, pp. 85, 87, figs 9I (holotype), 12K, L (paratypes), 13F.

Holotype: MONZ 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 & Barker, 2007 – Spencer *et al.* (2018).

***Cytora maui* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, pp. 87–89, figs 9J (paratype), 14A (paratype), 14B (holotype), 15A.

Holotype: MONZ 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 & Barker, 2007 – Spencer *et al.* (2018).

***Cytora mayhillae* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, pp. 89, 90, figs 9K (holotype), 14C, D (holotype), 15B.

Holotype: MONZ M.146093

Paratype: MA73298, one specimen, collected by P.C. Mayhill in February 1985, from Old Doubtful Sound Track, Deep Cove, Doubtful Sound, New Zealand.

Current name: *Cytora mayhillae* B.A. Marshall & Barker, 2007 – Spencer *et al.* (2018).

***Cytora minor* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, pp. 90, 91, figs 9L (holotype), 14E, F (holotype), 15C.

Holotype: MONZ 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 & Barker, 2007 – Spencer *et al.* (2018).

***Cytora motu* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, p. 91, 9M (holotype), 14G, H (paratypes), 15D.

Holotype: MONZ 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 & Barker, 2007 – Spencer *et al.* (2018).

***Cytora paparoa* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, pp. 97, 98, figs 2G, 16E (paratype), 17E, 18C, D (paratype).

Holotype: MONZ M.179675

Paratype: MA73301, one specimen, collected by F.M. Climo and K. Mahlfeld, on 23 December 1992, from Fox River, north northeast of Punakaiki, West Coast, New Zealand.

Current name: *Cytora paparoa* B.A. Marshall & Barker, 2007 – Spencer *et al.* (2018).

***Cytora parrishi* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, pp. 99, 100, figs 16B (holotype), 17D, 18E, F (paratypes).

Holotype: MONZ 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 & Barker, 2007 – Spencer *et al.* (2018).

***Cytora rakiura* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, p. 100, figs 16C (holotype), 17F, 18G, H (paratype).

Holotype: MONZ 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 & Barker, 2007 – Spencer *et al.* (2018).

***Cytora tawhiti* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, p. 105, figs 19C, 20C, D (paratype).

Holotype: MONZ 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 & Barker, 2007 – Spencer *et al.* (2018).

***Cytora tepakiensis* 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* Gardner, 1967 – Spencer *et al.* (2018).

***Cytora tokerau* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, pp. 106, 107, figs 16H (paratype), 19B, 20G (holotype), 20H (paratype).

Holotype: MONZ M.179678

Paratype: MA73305, one specimen, collected by P.C. Mayhill in November 1989, from Waipapa Track, Puketū Forest, south of Kaeo, Northland, New Zealand.

Remarks: The above locality details for MA73305 are

those as published by B.A. Marshall & 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 & Barker, 2007 – Spencer *et al.* (2018).

***Cytora tuarua* B.A. Marshall & Barker, 2007**

Marshall, B.A. & G.M. Barker, 2007, pp. 108–110, figs 16J (holotype), 19F, 20K, L (paratypes).

Holotype: MONZ 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 & Barker, 2007 – Spencer *et al.* (2018).

***Lagochilus fasciatum* Suter, 1894**

Suter, H., 1894, p. 133, pl. 19, figs 30, 31.

Holotype: MA73001, collected by R. Murdoch, near Manaia, Waimate Plain, Taranaki, New Zealand.

Current name: *Cytora fasciata* (Suter, 1894) – Spencer *et al.* (2018).

***Liarea aupouria aupouria* Powell, 1954**

Powell, A.W.B., 1954b, pp. 286, 287, pl. 44, fig. 2 (holotype), pl. 48, fig. 33 (holotype), fig. 33a.

Holotype: MA71204, collected by A.W.B. Powell, from 259–274 m (850–900 ft), Unuwahao, Piwhane / Spirits Bay, Northland, New Zealand.

Current name: *Liarea aupouria aupouria* Powell, 1954 – Spencer *et al.* (2018).

***Liarea aupouria tara* Powell, 1954**

Powell, A.W.B., 1954b, pp. 287, 288, pl. 48, fig. 34 (holotype).

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 – Spencer *et al.* (2018).

***Liarea egea tessellata* Powell, 1954**

Powell, A.W.B., 1954b, p. 286, pl. 44, fig. 5 (holotype), pl. 47, fig. 24 (holotype), figs 25, 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 – Spencer *et al.* (2018).

***Liarea hochstetteri alta* Powell, 1954**

Powell, A.W.B., 1954b, pp. 280, 281, pl. 45, figs 13 (holotype), fig. 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 – Spencer *et al.* (2018).

***Liarea ornata* Powell, 1954**

Powell, A.W.B., 1954b, pp. 282, 283, pl. 48, fig. 37 (holotype).

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 – Spencer *et al.* (2018).

***Liarea turriculata partula* Powell, 1954**

Powell, A.W.B., 1954b, pp. 291, 292, pl. 48, fig. 35 (holotype).

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 hand-written scrap of paper with the paratypes has the locality as ‘1.5m 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 – Spencer *et al.* (2018).

***Liarea turriculata waipoua* Powell, 1954**

Powell, A.W.B., 1954b, p. 291, pl. 44, fig. 3, pl. 48, fig. 36 (holotype).

Holotype: MA71206, collected by N.W. Gardner on 2 January 1950, Waipoua Forest, Northland, New Zealand.

Current name: *Liarea turriculata waipoua* Powell, 1954 – Spencer *et al.* (2018).

***Murdochia ampla* Powell, 1941**

Powell, A.W.B., 1941b, p. 260, pl. 51, fig. 10 (holotype).

Holotype: MA70497, collected by A.W.B. Powell in 1932, from 244–274 m (800–900 ft), Unuwahao, Piwhane / Spirits Bay, Northland, New Zealand.

Current name: *Cytora lignaria* (Pfeiffer, 1857) – Spencer *et al.* (2018).

***Murdochia annectens* Powell, 1948**

Powell, A.W.B., 1948, p. 274, pl. 53, fig. 3 (holotype).

Holotype: MA71046, collected live, 800 m (0.5 miles) northeast from South East landing, on underside of decaying wood in leaf mould, kanuka (*Leptospermum ericoides* [= *Kunzea triregensis*]) scrub, Manawatāwhi / Great Island, Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Cytora annectens* (Powell, 1948) – Spencer *et al.* (2018).

***Murdochia aranea* Powell, 1928**

Powell, A.W.B., 1928a, 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) – Spencer *et al.* (2018).

***Murdochia filicosta* Powell, 1948**

Powell, A.W.B., 1948, p. 274, pl. 53, fig. 4 (holotype).

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: Includes three punctid specimens.

Current name: *Cytora filicosta* (Powell, 1948) – Spencer *et al.* (2018).

***Murdochia hirsutissima* Powell, 1951**

Powell, A.W.B., 1951a, pp. 132, 133, pl. 27, fig. 6 (holotype).

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 ca 213 m (700 ft) elevation on southwest coast Manawatāwhi / Great Island, Manawatāwhi / Three Kings Islands, New Zealand.

Paratypes: MA71489, eight specimens from the type locality.

Current name: *Cytora hirsutissima* (Powell, 1951) – Spencer *et al.* (2018).

***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 1935, 164 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) – Spencer *et al.* (2018).

Superfamily CERITHIOIDEA**Family CERITHIIDAE****†*Taxonia tesserata* Marwick, 1948**

Marwick, J., 1948, p. 28, pl. 7, fig. 1 (holotype).

Holotype: MA71228, collected from the late Pliocene (Waipipian) of the Kaawa Formation 25–30 m (84–98 ft) below the surface in the Waitemata Brewery well, Otahuhu, Auckland, New Zealand.

Current name: *Taxonia tesserata* Marwick, 1948 – Maxwell in: Spencer *et al.* (2009: 241).

***Zebittium editum* Powell, 1930**

Powell, A.W.B., 1930a, p. 541, pl. 61, fig. 16 (holotype).

Holotype: MA70868, dredged by J. Bollons, from 110 m (60 fathoms), off Poor Knights Islands, Northland, New Zealand.

Paratypes: MA71397, four specimens, from the type locality.

Current name: *Zebittium editum* Powell, 1930 – Spencer *et al.* (2018).

***Zebittium laevicordatum* Powell, 1937**

Powell, A.W.B., 1937, p. 204, pl. 54, fig. 3 (holotype).

Holotype: NHM 19621037

Paratypes: MA71916, two specimens collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m and off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Zebittium laevicordatum* Powell, 1937 – Spencer *et al.* (2018).

†*Zefallacia benesulcata* Powell & Bartrum, 1929

Powell, A.W.B. & J.A. Bartrum, 1929, pp. 416, 417, pl. 37, figs 29, 30 (holotype), figs 27, 28, 31 (paratypes).

Holotype: MA72173, 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 collected from the type locality.

Current name: *Zefallacia benesulcata* Powell & Bartrum, 1929 – Maxwell in: Spencer *et al.* (2009: 241).

†*Zefallacia lawsi* Marwick, 1948

Marwick, J., 1948, p. 29, pl. 7, figs 2, 3 (holotype).

Holotype: GNS TM1333

Paratypes: MA72678, two specimens collected from the type locality, from the late Pliocene (Waipipian) of the Kaawa Formation 25–30 m (84–98 ft) below the surface in the Waitemata Brewery well, Otahuhu, Auckland, New Zealand.

Current name: *Zefallacia lawsi* Marwick, 1948 – Maxwell in: Spencer *et al.* (2009: 241).

Family POTAMIDIDAE**†*Bittiscala communis* Finlay & Marwick, 1937**

Finlay, H.J. & J. Marwick, 1937, p. 45, pl. 5, fig. 9 (holotype).

Holotype: MA73341, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago, New Zealand.

Paratypes: MA71539, 20 specimens, collected from the type locality.

Current name: *Bittiscala communis* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 241).

†*Pyrasmus consobrinus* Powell & Bartrum, 1929

Powell, A.W.B. & J.A. Bartrum, 1929, pp. 417, 418, pl. 37, fig. 32 (holotype), fig. 33 (paratype).

Holotype: MA72124, 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).

†***Pyrazus waitemataensis* Powell & Bartrum, 1929**

Powell, A.W.B. & J.A. Bartrum, 1929, p. 418, pl. 37, fig. 34 (holotype).

Holotype: MA72125, 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).

Family SILIQUARIIDAE

***Siliquaria maoria* Powell, 1940**

Powell, A.W.B., 1940, pp. 231, 232, pl. 33, figs 3, 4, 5 (holotype).

Holotype: MA72142, collected off Manawatāwhi / Three Kings Islands, New Zealand.

Paratypes: MA73601, three specimens collected 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 redesignated as paratypes.

Current name: *Tenagodus maoria* (Powell, 1940) – Spencer *et al.* (2018).

Family TURRITELLIDAE

†***Colposigma mesalia* Finlay & Marwick, 1937**

Finlay, H.J. & J. Marwick, 1937, p. 40, pl. 5, fig. 7 (holotype), fig. 8 (paratype).

Holotype: GNS TM5376

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).

***Gazameda maoria* Powell, 1940**

Powell, A.W.B., 1940, p. 230, pl. 33, fig. 7 (holotype).

Holotype: MA72064, collected by J. Bollons from 91 m (50 fathoms), between Piwhane / Spirits Bay, Northland and Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Stiracolpus pagoda* (Reeve, 1849) – Spencer *et al.* (2018).

***Maoricolpus finlayi* Powell, 1940**

Powell, A.W.B., 1940, p. 229, pl. 33, fig. 11 (holotype).

Holotype: MA71569, collected from 59 m (32 fathoms), off Piwhane / Spirits Bay, Northland, New Zealand.

Current name: *Maoricolpus finlayi* Powell, 1940 – Spencer *et al.* (2018).

***Maoricolpus roseus manukauensis* Powell, 1931**

Powell, A.W.B., 1931a, pp. 99–101, pl. 10, fig. 9 (holotype), fig. 10 (paratype).

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) – Spencer *et al.* (2018).

†***Pareora incincta* Marwick, 1931**

Marwick, J., 1931, pp. 94, 95, pl. 9, fig. 155 (holotype).

Holotype: GNS TM5873

Paratypes: MA72928, five specimens, collected from the type locality, from the Miocene (Clifdenian) Ihungia Formation at 'Muddy Creek', near the headwaters of the Waipaoa River, East Coast, New Zealand.

Current name: *Pareora incincta* Marwick, 1931 – Maxwell in: Spencer *et al.* (2009: 241).

†***Stiracolpus kaawaensis* Laws, 1936**

Laws, C.R., 1936, pp. 108, 109, pl. 16, fig. 65 (holotype).

Holotype: MA70729, collected from the early Pliocene (Opoitian) of the Kaawa Formation at Kaawa Creek, south of Port Waikato, Waikato, New Zealand.

Paratypes: MA72698, 26 specimens, from the type locality.

Current name: *Stiracolpus kaawaensis* Laws, 1936 – Beu (2010: 93).

†***Tropicolpus (Amplicolpus) healyi* Marwick, 1971**

Marwick, J., 1971, pp. 40, 41 pl. 10, fig. 2 (holotype); pl. 4, figs 8, 9 (paratypes); pl. 5, fig. 9; pl. 9, fig. 12 (paratype).

Holotype: GNS TM4416

Paratypes: MA72890, two specimens, collected from late Oligocene (Duntroonian) Chatton Formation, Chatton, Southland, New Zealand.

Current name: *Tropicolpus (Amplicolpus) healyi* Marwick, 1971 – MolluscaBase (2020).

†***Turritella (Maoricolpus) gittosina* Powell & Bartrum, 1929**

Powell, A.W.B. & J.A. Bartrum, 1929, p. 419, pl. 36, fig. 20 (holotype).

Holotype: MA72159, 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) – MolluscaBase (2020).

†***Turritella (Maoricolpus) waitemataensis* Powell & Bartrum, 1929**

Powell, A.W.B. & J.A. Bartrum, 1929, pp. 419, 420, pl. 36, fig. 19 (holotype).

Holotype: MA72160, 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).

***Turritella (Zeacolpus) ahiparana* Powell, 1927**

Powell, A.W.B., 1927c, p. 297, pl. 34, fig. 4 (holotype).

Holotype: MA72158, dredged by D. Crawford of the steam trawler *Serfib* in July 1925, from 42 m (23 fathoms), Ahipara Bay, Northland, New Zealand.

Paratypes: MA71417, 11 specimens from the type locality.

Current name: *Stiracolpus ahiparanus* (Powell, 1927) – Spencer *et al.* (2018).

***Vermicularia maoriana* Powell, 1937**

Powell, A.W.B., 1937, p. 207, pl. 55, figs 9, 10 (holotype).

Holotype: NHM 19621042

Paratypes: MA71917, seven specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand; MA72285, one specimen, collected by A.W.B. Powell on 16 August 1932 from station 929, R.R.S. Discovery II cruise, in 59 m off Piwhane / Spirits Bay, Northland, New Zealand.

Current name: Taxon inquirendum (polychaete) – MolluscaBase (2020).

†*Zeacolpus chattonensis* Marwick, 1929

Marwick, J., 1929, pp. 916, 917, fig. 47 (paratype), fig. 49 (holotype).

Holotype: GNS TM4474

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).

†*Zeacolpus huttoni ohopeus* Marwick, 1957

Marwick, J., 1957, p. 36, pl. 2, fig. 7 (holotype); pl. 5, fig. 8 (paratype).

Holotype: GNS TM1668

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), East Coast, New Zealand.

Current name: *Stiracolpus huttoni* (Cossmann, 1912) – Maxwell in: Spencer *et al.* (2009: 241).

***Zeacolpus mixtus* Finlay, 1930**

Finlay, H.J., 1930b, pp. 230, 231, pl. 45, fig. 42 (holotype).

Holotype: MA70859, collected from 110 m (60 fathoms) off Poor Knights Islands, Northland, New Zealand.

Paratypes: MA72587, ten specimens from the type locality.

Current name: *Stiracolpus pagoda* (Reeve, 1849) – Spencer *et al.* (2018).

†*Zeacolpus nissen* Marwick, 1971

Marwick, J., 1971, pp. 25, 26, pl. 7, fig. 12 (holotype); pl. 2, fig. 12 (paratype).

Holotype: MA71312, collected by K.I. Nissen, from middle Miocene (Waiauan) 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 nissen* Marwick, 1971 – Maxwell in: Spencer *et al.* (2009: 241).

***Zeacolpus (Stiracolpus) delli* Marwick, 1957**

Marwick, J., 1957, pp. 31, 32, pl. 3, fig. 15 (holotype), fig. 14; pl. 4, fig. 12 (holotype), fig. 11.

Holotype: MONZ M.011395

Paratypes: MA71689, five specimens, collected by A.W.B. Powell, from 31 m, Anita Bay, Milford Sound, Fiordland [Southland], New Zealand.

Current name: *Stiracolpus pagoda* (Reeve, 1849) – Spencer *et al.* (2018).

†*Zeacolpus (Stiracolpus) haweraensis* Powell, 1931

Powell, A.W.B., 1931a, p. 101, pl. 10, fig. 7 (holotype).

Holotype: MA70858, collected by A.W.B. Powell in January 1931 from from 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 & Raine (2009).

***Zeacolpus (Stiracolpus) pagoda powelli* Marwick, 1957**

Marwick, J., 1957, pp. 41, 42, pl. 2, fig. 2 (holotype), pl. 5, fig. 3 (holotype).

Holotype: MA71276, collected from 46 m (25 fathoms), off Hen and Chickens Islands, Northland, New Zealand.

Paratypes: MA72636, 34 specimens from the type locality.

Current name: *Stiracolpus pagoda* (Reeve, 1849) – Spencer *et al.* (2018).

Order LITTORINIMORPHA

Family CALYPTRAEIDAE

†*Maoricrypta salebrosa* Marwick, 1929

Marwick, J., 1929, p. 918, figs 50, 51 (holotype).

Holotype: MONZ M.001632

Paratype: MA72934, one specimen, 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).

***Maoricrypta youngi* Powell, 1940**

Powell, A.W.B., 1940, pp. 232, 233, pl. 33, fig. 12 (holotype), fig. 13 (paratype).

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 – Spencer *et al.* (2018).

†*Sigapatella patulosa* Powell & Bartrum, 1929

Powell, A.W.B. & J.A. Bartrum, 1929, p. 422, pl. 40, fig. 43 (holotype).

Holotype: MA72141, 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).

†*Spirogalerus lamellaria* Finlay & Marwick, 1937

Finlay, H.J. & J. Marwick, 1937, p. 46, pl. 7, figs 1–4 (holotype).

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).

***Trochita georgiana* Powell, 1951**

Powell, A.W.B., 1951b, pp. 127, 128, pl. 7, fig. 22 (holotype).

Holotype: NHM 1961469

Paratypes: MA71933, four specimens, collected from the type locality, on 7 February 1927, station 160, Discovery Investigations, in 127 m near Shag Rocks, west of South Georgia, British Overseas Territory.

Current name: *Trochita pileolus* (d’Orbigny, 1841) – MolluscaBase (2020).

†*Zegalerus peramplus* Powell & Bartrum, 1929

Powell, A.W.B. & J.A. Bartrum, 1929, p. 422, pl. 40, fig. 45 (holotype).

Holotype: MA72174, 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).

***Zegalerus tumens* Finlay, 1930**

Finlay, H.J., 1930b, 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 (2020).

Family CAPULIDAE**†*Trichosirius finlayi* Laws, 1935**

Laws, C.R., 1935c, p. 34, pl. 5, fig. 9 (holotype), fig. 31.

Holotype: MA70771, collected from the middle to late Oligocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Current name: *Trichosirius* (*Miplioderma*) *finlayi* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 243).

***Trichosirius inornatus chathamensis* Finlay, 1928**

Finlay, H.J., 1928, pp. 244, 245, pl. 41, fig. 40 (holotype).

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.

Current name: *Trichosirius inornatus* (Hutton, 1873) – Powell (1979: 147); MolluscaBase (2020).

Family CINGULOPSIDAE***Dardanula minutula* Powell, 1937**

Powell, A.W.B., 1937, p. 204, pl. 53, fig. 14 (holotype).

Holotype: NHM 19621035

Paratypes: MA72274, five specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Tubbreva minutula* (Powell, 1937) – Spencer *et al.* (2018).

***Eatonina* (*Saginofusca*) *maculosa* Ponder, 1965**

Ponder, W.F., 1965b, p. 123, pl. 15, fig. 13 (holotype), figs 14, 15.

Holotype: MA71267, collected by W.F. Ponder on 4 April 1964 from the underside of masses of the vermetid *Novastoa lamellosa* (Hutton, 1873), Poor Knights Islands, Northland, New Zealand.

Paratypes: MA72816, 43 specimens from the type locality.

Current name: *Eatonina maculosa* Ponder, 1965 – Spencer *et al.* (2018).

***Estea crassicarinata* Powell, 1937**

Powell, A.W.B., 1937, pp. 196, 197, pl. 53, fig. 4 (holotype).

Holotype: NHM 19621012

Paratypes: MA72244, four specimens; MA72323, two specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Eatonina* (*Captitonia*) *crassicarinata* (Powell, 1937) – Ponder & Yoo (1981: 27); Spencer *et al.* (2018).

***Notosetia atomaria* Powell, 1933**

Powell, A.W.B., 1933a, pp. 198, 199, pl. 34, fig. 9 (holotype).

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) – Spencer *et al.* (2018).

***Notosetia exaltata* Powell, 1933**

Powell, A.W.B., 1933a, p. 199, pl. 34, fig. 6 (holotype).

Holotype: MA70538, collected by A.W.B. Powell and/or C.A. Fleming in February 1933, from 18 m (10 fathoms) off Owenga Beach, Chatham Islands, New Zealand.

Paratypes: MA71534, 46 specimens from the type locality.

Current name: *Tubbreva exaltata exaltata* (Powell, 1933) – Spencer *et al.* (2018).

***Notosetia sorenseni* Powell, 1955**

Powell, A.W.B., 1955, p. 87, pl. 3, fig. 20.

Holotype: MA71220, collected by J.H. Sorensen in 1943, during the ‘Cape Expedition’, Campbell Island / Motu Ihupuku, New Zealand.

Paratypes: MA72431, 24 specimens from the type locality.

Current name: *Tubbreva exaltata sorenseni* (Powell, 1955) – Spencer *et al.* (2018).

***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) – Spencer *et al.* (2018).

***Rufodardanula (Rufodardanula) spadix* Ponder, 1965**

Ponder, W.F., 1965b, pp. 124, 125 pl. 16, fig. 1 (holotype), figs 2–4.

Holotype: MA71268*, collected by W.F. Ponder on 1 January 1964, from *Corallina*, Te Hāwere-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 1996.

Current name: *Skenella (Rufodardanula) spadix* (Ponder, 1965) – Spencer *et al.* (2018).

***Rufodardanula (Tubbreva) exigua* Ponder, 1965**

Ponder, W.F., 1965b, pp. 125, 126, pl. 16, fig. 5 (holotype), fig. 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) – Spencer *et al.* (2018).

Family EATONIELLIDAE

***Crassitoniella carinata* Ponder, 1965**

Ponder, W.F., 1965a, pp. 93, 94, pl. 10, fig. 2 (holotype), figs 3–5.

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 – Spencer *et al.* (2018).

***Dardanula bollonsi* Powell, 1955**

Powell, A.W.B., 1955, p. 88, pl. 3, fig. 25 (holotype).

Holotype: MA71222, collected by J. Bollons, from 91 m (50 fathoms), off Snares Islands / Tini Heke Islands, New Zealand.

Paratypes: MA71609, 40 specimens from the type locality.

Current name: *Eatoniella verecunda* (Suter, 1908) – Ponder (1967: 91); Spencer *et al.* (2018).

***Dardanula obtusispira* Powell, 1955**

Powell, A.W.B., 1955, pp. 88, 89, pl. 3, fig. 23 (holotype).

Holotype: MA71224, collected by J. Bollons, from 91 m (50 fathoms), off Snares Islands / Tini Heke Islands, New Zealand.

Paratype: MA71987, one specimen, from the type locality.

Current name: *Eatoniella obtusispira* (Powell, 1955) – Spencer *et al.* (2018).

***Dardanula pallida* Powell, 1937**

Powell, A.W.B., 1937, p. 203, pl. 53, fig. 16 (holotype).

Holotype: NHM 19621034

Paratypes: MA72260, two specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Remarks: One specimen badly affected by glass disease.

Current name: *Eatoniella pallida* (Powell, 1937) – Spencer *et al.* (2018).

†*Dardanula rivertonensis* Finlay, 1924

Finlay, H.J., 1924b, p. 491, fig. 13.

Holotype: MA70239, collected from the early Miocene (Altonian) at ‘Pourakino’, north west 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).

Holotype: MA71221, collected from 174 m, 22.5 km (14 miles) north, Auckland Islands, New Zealand.

Paratypes: MA71610, six specimens; MA73212, eight specimens, from the type locality.

Current name: *Eatoniella roseola* (Iredale, 1915) – Powell (1979: 93); Spencer *et al.* (2018).

***Dardanula roseospira* Powell, 1937**

Powell, A.W.B., 1937, p. 203, pl. 53, fig. 13 (holotype).

Holotype: NHM 19621032

Paratypes: MA72259, three specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 934, R.R.S. Discovery II cruise, in 92 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Eatoniella roseospira* (Powell, 1937) – Spencer *et al.* (2018).

***Dardanula tenella* Powell, 1937**

Powell, A.W.B., 1937, p. 203, pl. 53, fig. 15 (holotype).

Holotype: NHM 19621033

Paratypes: MA72258, three specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 934, R.R.S. Discovery II cruise, in 92 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Eatoniella tenella* (Powell, 1937) – Spencer *et al.* (2018).

***Eatoniella (Abscindostoma) albocolumella* Ponder, 1965**

Ponder, W.F., 1965a, pp. 58, 59, pl. 9, fig. 15 (holotype), figs 16–18.

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 – Spencer *et al.* (2018).

***Eatoniella (Albitoniella) thola* Ponder, 1965**

Ponder, W.F., 1965a, pp. 60, 61, pl. 6, fig. 19 (holotype).

Holotype: NIWA 7407 (NZOI type registration H-21).

Paratypes: MA72811, seven specimens, collected by staff of the New Zealand Oceanographic Institute from the type locality, N.Z.O.I. Station C.760, on 18 February 1962, in 80 m (44 fathoms) off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Crassitoniella thola* (Ponder, 1965) – Spencer *et al.* (2018).

***Eatoniella (Albosabula) rakiura* Ponder, 1965**

Ponder, W.F., 1965a, p. 63, pl. 10, fig. 10 (holotype).

Holotype: MA71247, collected by on 4 November, 1956, from 46 m (25 fathoms), on bryozoans, Ruggedy, Stewart Island / Rakiura, New Zealand.

Paratypes: MA72812, 55 specimens, from the type locality.

Current name: *Eatoniella (Albosabula) rakiura* Ponder, 1965 – Spencer *et al.* (2018).

***Eatoniella (Caveatoniella) perforata* Ponder, 1965**

Ponder, W.F., 1965a, pp. 64, 65, pl. 10, fig. 19 (holotype).

Holotype: MA71249, collected by W. La Roche, from 22 m (12 fathoms), Doubtless Bay, Northland, New Zealand.

Paratypes: MA72814, seven specimens, from the type locality.

Current name: *Eatoniella (Caveatoniella) perforata* Ponder, 1965 – Spencer *et al.* (2018).

***Eatoniella (Caveatoniella) puniceomacer* Ponder, 1965**

Ponder, W.F., 1965a, pp. 63, 64, pl. 10, fig. 16 (holotype), figs 17, 18.

Holotype: MA71248*, collected from Tryphena Bay, Aotea/Great Barrier Island, Auckland, New Zealand.

Paratypes: MA72813, 100 specimens, from the type locality.

Remarks: The holotype specimen has not been found since 1996.

Current name: *Eatoniella (Caveatoniella) puniceomacer* Ponder, 1965 – Spencer *et al.* (2018).

***Eatoniella (Cerostraca) bathamae* Ponder, 1965**

Ponder, W.F., 1965a, pp. 65, 66, pl. 9, fig. 9 (holotype), 10.

Holotype: MA71250, collected by W.F. Ponder, on gelatinous red algae, on 5 September 1963, from Little Papanui Beach, Dunedin, Otago, New Zealand.

Paratypes: MA72808, 22 specimens, from the type locality.

Current name: *Eatoniella bathamae* Ponder, 1965 – Spencer *et al.* (2018).

***Eatoniella (Cerostraca) delli* Ponder, 1965**

Ponder, W.F., 1965a, pp. 66, 67, pl. 9, fig. 2 (holotype), figs 3–6.

Holotype: MA71251, collected by W.F. Ponder, on *Corallina* sp., on 21 August 1963, Bream Tail, Auckland, New Zealand.

Paratypes: MA72815, 20 specimens, from the type locality.

Current name: *Eatoniella delli* Ponder, 1965 – Spencer *et al.* (2018).

***Eatoniella (Cerostraca) maculosa* Ponder, 1965**

Ponder, W.F., 1965a, pp. 68, 69, pl. 9, fig. 7 (holotype).

Holotype: MA71252, collected by W.F. Ponder, on various algae, on 22 May 1963, McGregors Bay, Whangarei Heads, Northland, New Zealand.

Paratypes: MA72828, 11 specimens, from the type locality.

Current name: *Eatoniella notata* Ponder & Yoo, 1978 – Spencer *et al.* (2018).

***Eatoniella (Dardaniopsis?) atervisceralis* Ponder, 1965**

Ponder, W.F., 1965a, pp. 74, 75, pl. 8 fig. 12 (holotype), fig. 13 (paratype), figs 14, 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 – Spencer *et al.* (2018).

***Eatoniella (Dardaniopsis) globosa* Ponder, 1965**

Ponder, W.F., 1965a, p. 71, pl. 8, fig. 8 (holotype).

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 – Spencer *et al.* (2018).

***Eatoniella (Dardaniopsis) notalabia* Ponder, 1965**

Ponder, W.F., 1965a, pp. 70, 71, pl. 8, fig. 1 (holotype), figs 2–4.

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 – Spencer *et al.* (2018).

***Eatoniella (Dardaniopsis) pullmitra* Ponder, 1965**

Ponder, W.F., 1965a, pp. 72, 73, pl. 8, fig. 9 (holotype), figs 10, 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 – Spencer *et al.* (2018).

***Eatoniella (Dardaniopsis) varicolor* Ponder, 1965**

Ponder, W.F., 1965a, pp. 73, 74, pl. 8, fig. 5 (holotype), figs 6, 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 – Spencer *et al.* (2018).

***Eatoniella (Dardanula) fossa* Ponder, 1965**

Ponder, W.F., 1965a, pp. 79, 80, pl. 7, fig. 21 (holotype).

Holotype: MA71258, collected from 40 m (22 fathoms), 600 m (0.5 miles) to the west of Stephenson's Island, Whangaroa Bay, Northland, New Zealand.

Paratypes: MA72823, five specimens from the type locality.

Current name: *Eatoniella fossa* Ponder, 1965 – Spencer *et al.* (2018).

***Eatoniella (Dardanula) fuscobuccula* Ponder, 1965**

Ponder, W.F., 1965a, p. 80, pl. 7, fig. 10 (holotype), figs 11, 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 – Spencer *et al.* (2018).

***Eatoniella (Dardanula) latebricola* Ponder, 1965**

Ponder, W.F., 1965a, pp. 81, 82, pl. 7, fig. 3 (holotype), figs 4–6.

Holotype: MA71260, collected by W.F. Ponder on 19 August 1963, from under *Durvillea* [sic = now

Durvillea] holdfasts, south end of Muriwai, west Auckland, New Zealand.

Paratypes: MA72825, 26 specimens from the type locality.

Current name: *Eatoniella latebricola* Ponder, 1965 – Spencer *et al.* (2018).

***Eatoniella (Dardanula) minutocrassa* Ponder, 1965**

Ponder, W.F., 1965a, pp. 84, 85, pl. 6, fig. 13 (holotype), figs 14, 15.

Holotype: MA71261*, 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 found since 1996.

Current name: *Eatoniella atropurpurea* (Frauenfeld, 1867) – Spencer *et al.* (2018).

***Eatoniella (Dardanula) mortoni* Ponder, 1965**

Ponder, W.F., 1965a, pp. 85, 86, pl. 7, fig. 16 (holotype), figs 17–20.

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 – Spencer *et al.* (2018).

***Eatoniella (Dardanula) smithae* Ponder, 1965**

Ponder, W.F., 1965a, pp. 90, 91, pl. 5, fig. 8 (holotype), fig. 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 – Spencer *et al.* (2018).

***Eatoniella (Eatoniella) stewartiana* Ponder, 1965**

Ponder, W.F., 1965a, p. 55, pl. 4, fig. 9 (holotype), fig. 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 – Spencer *et al.* (2018).

***Estea gracilispira* Powell, 1933**

Powell, A.W.B., 1933a, p. 201, pl. 34, fig. 4 (holotype).

Holotype: MA70276, collected by A.W.B. Powell and/or C.A. Fleming in February 1933, from 18 m (10 fathoms) off Owenga Beach, Chatham Islands, New Zealand.

Paratypes: MA73214, four specimens, from the type locality.

Current name: *Pupatonia gracilispira* (Powell, 1933) – Spencer *et al.* (2018).

***Estea minutula* Powell, 1933**

Powell, A.W.B., 1933b, pp. 37, 38, pl. 6, fig. 6 (holotype).

Holotype: CM M5315

Paratypes: MA72373, two specimens, collected from the type locality by J. Fairchild on 1 June 1893, from 311 m (170 fathoms), Bounty Islands, New Zealand.

Current name: *Pupatonia minutula* (Powell, 1933) – Spencer *et al.* (2018).

***Lirtoniella bicarinata* Ponder, 1965**

Ponder, W.F., 1965a, pp. 94, 95, pl. 11, fig. 1 (holotype), figs 2, 3.

Holotype: NIWA 225.

Paratypes: MA72832, two specimens, collected by staff of the New Zealand Oceanographic Institute from the type locality, N.Z.O.I. Station C.760, on 18 February 1962, from bryozoan substrate in 80 m (44 fathoms), off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Lirtoniella bicarinata* Ponder, 1965 – Spencer *et al.* (2018).

***Notosetia dilatata* Powell, 1955**

Powell, A.W.B., 1955, pp. 86, 87, pl. 3, fig. 21 (holotype).

Holotype: MA71219, collected by J. Bollons, from 91 m (50 fathoms), off Snares Islands / Tini Heke Islands, New Zealand.

Paratypes: MA71608, 13 specimens, from the type locality.

Current name: *Eatoniella dilatata* (Powell, 1955) – Spencer *et al.* (2018).

***Pupatonia atoma* Ponder, 1965**

Ponder, W.F., 1965a, p. 96, pl. 10, fig. 15 (holotype).

Holotype: NIWA 316.

Paratypes: MA72833, two specimens, collected by staff of the New Zealand Oceanographic Institute from the type locality, N.Z.O.I. Station A.739, on 9 November 1962, from Bounty Islands, New Zealand.

Current name: *Pupatonia atoma* Ponder, 1965 – Spencer *et al.* (2018).

***Rissoa (Cingula) lampra* Suter, 1908**

Suter, H., 1908, p. 29, pl. 2, fig. 25.

Lectotype: GNS TM700

Paralectotype: MA72786, one specimen, collected by M. Mestayer, from the type locality, Titahi Bay, Wellington, New Zealand.

Remarks: Lectotypification of this species is unclear. Suter (1913: 209) stated ‘*Type* in my collection.’ Powell (1931: 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 (1965a: 61); Spencer *et al.* (2018).

***Rissoa (Cingula) roseocincta* Suter, 1908**

Suter, H., 1908, pp. 29, 30, pl. 2, fig. 26.

Lectotypification in Boreham, A., 1959, p.37.

Lectotype: GNS TM7543

Paralectotypes: MA72792, two specimens, collected by M. Mestayer, from the type locality, Titahi Bay, Wellington, New Zealand.

Current name: *Eatoniella roseocincta* (Suter, 1908) – (Ponder (1965a: 87); Spencer *et al.* (2018).

***Rissoa (Setia) verecunda* Suter, 1908**

Suter, H., 1908, p. 30, pl. 2, fig. 28;

Lectotypification in Powell, A.W.B., 1933a, p. 198, pl. 34, fig. 11 (lectotype).

Lectotype: GNS TM739

Paralectotype: MA72780, collected from the type locality, 91 m (50 fathoms) off Snares Islands / Tini Heke Islands, New Zealand.

Current name: *Eatoniella verecunda* (Suter, 1908) – Ponder (1965a: 91); Spencer *et al.* (2018).

***Zeradina poutama* E.C. Smith, 1962**

Smith, E.C., 1962, p. 62, fig. 4 (holotype).

Holotype: MONZ M.020249

Paratypes: MA72959, two specimens from the type locality, collected by W. Hopkins in May 1955, from bryozoan shell sand, in 55 m (30 fathoms), off Poutama Island, west of South West Cape / Puhiwaero, Stewart Island / Rakiura, New Zealand.

Current name: *Eatoniella (Albosabula) poutama* (E.C. Smith, 1962) – (Ponder (1965a: 62); Spencer *et al.* (2018).

Family RASTODENTIDAE***Estea crassicordata* Powell, 1937**

Powell, A.W.B., 1937, p. 197, pl. 53, fig. 17 (holotype).

Holotype: NHM 19621015

Paratypes: MA72245, six specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Tridentifera crassicordata* (Powell, 1937) – Spencer *et al.* (2018).

***Rastodens pseudomarginata* Ponder, 1966**

Ponder, W.F., 1966a, pp. 180, 181 pl. 1, fig. 5 (holotype), figs 6–8.

Holotype: MA71275, collected by W. Hopkins in May 1955, from bryozoan shell sand, from 55 m (30 fathoms), off Poutama Island, west of South West Cape / Puhiwaero, Stewart Island / Rakiura, New Zealand.

Paratypes: MA72842, 212 specimens, from the type locality.

Current name: *Rastodens pseudomarginata* Ponder, 1966 – Spencer *et al.* (2018).

***Rastodens puerilis* Ponder, 1966**

Ponder, W.F., 1966a, pp. 179, 180, pl. 1, fig. 1 (holotype), figs 2–4.

Holotype: MA71274, collected by W.F. Ponder on 15 May 1963, from 14 m (8 fathoms), off Emu Rock, Motuihe Channel, Hauraki Gulf, Auckland, New Zealand.
Paratypes: MA72841, 47 specimens, from the type locality.

Current name: *Rastodens puerilis* Ponder, 1966 – Spencer *et al.* (2018).

***Tridentifera roseoculma* Ponder, 1966**

Ponder, W.F., 1966a, p. 183, pl. 1, fig. 10 (holotype).

Holotype: NIWA 457.

Paratype: MA72843, one specimen, collected by staff of the New Zealand Oceanographic Institute from the type locality, N.Z.O.I. Station C.760, on 18 February 1962, in 80 m (44 fathoms) off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Tridentifera roseoculma* Ponder, 1966 – Spencer *et al.* (2018).

Family CYPRAEIDAE

†*Bernaya chathamensis* Cernohorsky, 1971

Cernohorsky, W.O., 1971a, pp. 117, 118, fig. 13 (holotype).

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).

***Cypraea mauensis* Burgess, 1967**

Burgess, C.M., 1967, pp. 6–8, pl. 2 (holotype).

Holotype: 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 mauensis* (Burgess, 1967) – MolluscaBase (2020).

†*Notoluponia (Notadusta) clifdenensis*

Cernohorsky, 1971

Cernohorsky, W.O., 1971a, p. 123, fig. 17 (holotype), fig. 18 (paratype).

Holotype: MA71324, from 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 & Raine (2009); MolluscaBase (2020).

Family ERATOIDAE

†*Erato accola* Laws, 1935

Laws, C.R., 1935a, pp. 18, 19, pl. 1, fig. 1 (holotype).

Holotype: MA70268, assumed to have been collected by C.R. Laws, from middle Eocene (Bortonian) Waihao Greensand at McCulloch's Bridge, Waihao, Canterbury,

New Zealand.

Current name: *Archierato accola* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 243).

†*Erato clifdenensis* Laws, 1935

Laws, C.R., 1935a, p. 20, pl. 1, fig. 3 (holotype).

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).

†*Erato pukeuriensis* Laws, 1935

Laws, C.R., 1935a, p. 21, pl. 1, fig. 6 (holotype).

Holotype: MA70270, assumed to have been collected by C.R. Laws, from 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).

†*Erato sepositum* Laws, 1935

Laws, C.R., 1935a, p. 22, pl. 1, fig. 8 (holotype).

Holotype: MA70271, assumed to have been collected by C.R. Laws, from middle Eocene (Bortonian) Waihao Greensand at McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Current name: *Bellerato sepositum* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 243).

†*Erato submorosa* Laws, 1935

Laws, C.R., 1935a, p. 20, pl. 1, fig. 4 (holotype).

Holotype: MA70272, assumed to have been collected by C.R. Laws, from 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).

†*Erato tenuilabrum* Laws, 1935

Laws, C.R., 1935a, p. 21, pl. 1, fig. 5 (holotype).

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).

†*Erato waiauensis* Laws, 1935

Laws, C.R., 1935a, p. 22, pl. 1, fig. 7 (holotype).

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 waiauensis* (Laws, 1935) – Maxwell in: Spencer *et al.* (2009: 243).

†*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, collected from the middle to late Oligocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Current name: *Erato waitakiensis* Laws, 1935 – Maxwell in: Spencer *et al.* (2009: 243).

Family OVULIDAE

Pedicularia maoria Powell, 1937

Powell, A.W.B., 1937, p. 208, pl. 54, figs 13, 14 (holotype).

Holotype: NHM 19621045

Paratypes: MA71918, three specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Pedicularia pacifica*, Pease, 1865 – Powell (1979: 153); Spencer *et al.* (2018).

Primovula eilatensis Cernohorsky, 1972

Cernohorsky, W.O. 1972, pp. 202, 203, fig. 14 (holotype), fig. 15 (paratype).

Holotype: MA71340, collected by L. Fishelson, from 15 m, 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 Auckland Museum, but none has been located at AM. 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 – not verified.

†*Willungia maoria* Powell, 1938

Powell, A.W.B., 1938a, pp. 371, 372, pl. 39, fig. 8 (holotype), fig. 9.

Holotype: MA70849, 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 & Raine (2009).

†*Willungia tasmanica* Powell, 1938

Powell, A.W.B., 1938a, pp. 370, 371, pl. 39, fig. 4 (holotype).

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 – MolluscaBase (2020).

Family TRIVIIDAE

Triviella memorata Finlay, 1926

Finlay, H.J., 1926b, p. 396, pl. 21, fig. 73 (holotype).

Holotype: MA70775, collected from Ahipara Bay, Northland, New Zealand.

Paratypes: MA72529, five specimens from the type locality.

Current name: *Ellatrivina merces* (Iredale, 1924) – Powell (1979: 152); Spencer *et al.* (2018).

Family VELUTINIDAE

Lamellaria koto Schwengel, 1944

Schwengel, J.S., 1944, pp. 17, 18, pl. 1, figs 3–6, 6a.

Syntypes: AMNH 275633 (2 specimens).

Syntype: MA73234, one specimen, collected by A. Koto between January 11th and February 23rd 1944, from eel grass Bradenton Beach, Florida, United States of America.

Current name: *Lamellaria koto* Schwengel, 1944 – MolluscaBase (2020).

Mysticoncha harrisonae Powell, 1946

Powell, A.W.B., 1946, p. 144, pl. 11, fig. 6 (holotype).

Holotype: MA72188, collected by R.H. Harrison, Lowrys Beach, The Neck, Stewart Island / Rakiura, New Zealand.

Current name: *Mysticoncha harrisonae* Powell, 1946 – Spencer *et al.* (2018).

Family ANNULARIIDAE

Tudora (Aguayotudora) varicosa de la Torre & Bartsch, 1941

Torre, de la, C. & 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* de la Torre & Bartsch, 1941 – not verified.

Opisthosiphon (Bermudezsiphona) obtectum seibaboense de la Torre & Bartsch, 1941

Torre, de la, C. & 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, Santa Clara Province, Cuba.

Current name: *Opisthosiphon obtectum seibaboense* de la Torre & Bartsch, 1941 – not verified.

Adamsiella (Cubadamsiella) gratiosa de la Torre & Bartsch, 1941

Torre, de la, C. & P. Bartsch, 1941, pp. 241, 242, pl. 21, fig. 4.

Holotype: USNM 535339

Paratypes: MA72737, two specimens, collected by M.L. Jaume, from Yaguajay, Cuba.

Current name: *Adamsiella (Cubadamsiella) gratiosa* de la Torre & Bartsch, 1941 – not verified.

Family LITTORINIDAE

***Laevilitorina bifasciata* Suter, 1913**

Suter, H., 1913, p. 189, pl. 35, fig. 10.

Lectotypification in Boreham, A., 1959, p. 32.

Lectotype: GNS TM603

Paralectotype: MA125267, collected by J. Bollons from Antipodes Islands, New Zealand.

Remarks: Original label 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 Auckland Museum specimen, automatically become paralectotypes.

Current name: *Laevilitorina bifasciata* Suter, 1913 – Spencer *et al.* (2018).

***Macquariella aucklandica* Powell, 1933**

Powell, A.W.B., 1933c, pp. 233, 234, pl. 20, fig. 6 (holotype).

Holotype: MONZ M.001808

Paratypes: MA72364, five specimens, collected by J. Bollons from the type locality, from beach drift, Faith Harbour [North Harbour], Auckland Islands, New Zealand.

Current name: *Laevilitorina* (*Macquariella*) *aucklandica* (Powell, 1933) – Spencer *et al.* (2018).

***Macquariella delli* Powell, 1955**

Powell, A.W.B., 1955, p. 75, pl. 1, fig. 10.

Holotype: MONZ M.008575

Paratype: MA72383* 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 1993.

Current name: *Laevilitorina* (*Macquariella*) *delli* (Powell, 1955) – Spencer *et al.* (2018).

***Melarthaphe oliveri* Finlay, 1930**

Finlay, H.J., 1930b, 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* (Philippi, 1847) – Powell (1979: 87); Spencer *et al.* (2018).

***Melarthaphe zelandiae* Finlay, 1926**

Finlay, H.J., 1926b, p. 375, pl. 18, fig. 18 (holotype), fig. 19.

Holotype: MA70457, collected from rocks at half and high tide level, Dunedin Harbour, Otago, New Zealand.

Paratypes: MA72526, three specimens, from the type locality.

Current name: *Austrolittorina cincta* (Quoy & Gaimard, 1833) – Powell (1979: 87); Spencer *et al.* (2018).

***Zelaxitas alta* Powell, 1940**

Powell, A.W.B., 1940, p. 224, text fig. 1b (holotype).

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) – Spencer *et al.* (2018).

Family ZEROTULIDAE

***Zerotula nummaria* Powell, 1940**

Powell, A.W.B., 1940, p. 237, pl. 28, figs 14, 15 (holotype).

Holotype: 72179, dredged by W. La Roche from 22 m (12 fathoms) in Awanui [Rangaunu] Bay, Northland, New Zealand.

Paratypes: MA71572, three specimens, from the type locality.

Current name: *Zerotula nummaria* Powell, 1940 – Spencer *et al.* (2018).

***Zerotula triangulata* Powell, 1937**

Powell, A.W.B., 1937, p. 209, pl. 54, figs 15, 16 (holotype).

Holotype: NHM 19621048

Paratype: MA72288*, one specimen collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Remarks: The specimen has not been found since 1994.

Current name: *Zerotula triangulata* Powell, 1937 – Spencer *et al.* (2018).

Family NATICIDAE

***†Amauropsella teres* Marwick, 1924**

Marwick, J., 1924b, p. 577, pl. 60, fig. 20 (holotype).

Holotype: MA70029, 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).

***Cochlis migratoria* Powell, 1927**

Powell, A.W.B., 1927b, pp. 560–562, pl. 33, fig. 3 (holotype), fig. 4 (paratype), figs 5, 6.

Holotype: MA72049, collected alive by W. La Roche in June 1925, Parengarenga Harbour, Northland, New Zealand.

Paratype: 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. Based on original labels and Powell's (1927) type description these are assumed to have been part of the original type series.

Current name: *Notocochlis gualtieriana* (Récluz, 1844) – MolluscaBase (2020).

***Cochlis vafer* Finlay, 1930**

Finlay, H.J., 1930b, 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 (2020).

†***Globisinum crassiliratum* Finlay, 1926**

Finlay, H.J., 1926a, p. 230, pl. 60, fig. 6 (holotype).

Holotype: MA70344, collected from early Miocene (Waitakian) Otekaike Limestone, 'Trig Z' (Fossil Record File I40/f9519), Otiake, Waitaki Valley, New Zealand.

Current name: *Globisinum crassiliratum* Finlay, 1926 – Maxwell in: Spencer *et al.* (2009: 243).

†***Globisinum flemingi* Powell, 1931**

Powell, A.W.B., 1931a, pp. 98, 99, pl. 11, figs 10a, 10b (holotype).

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, Manawatu-Wanganui, New Zealand.

Current name: *Globisinum drewi* (Murdoch, 1899) – Beu & Raine (2009).

†***Lunatia suturalis* Hutton, 1877**

Hutton, F.W., 1877, p. 597, pl. 16, fig. 11.

Neotypification in: Marwick, J., 1924b, p. 557, pl. 57, fig. 1 (neotype).

Neotype: MA71280, from middle Eocene (Bortonian) Waihao Greensand at McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Current name: *Fraginatica suturalis* (Hutton, 1877) – Maxwell in: Spencer *et al.* (2009: 243).

†***Magnatica altior* Finlay, 1926**

Finlay, H.J., 1926a, pp. 228, 229, pl. 60, fig. 3 (holotype), fig. 4 (paratype).

Holotype: MA70428, 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.

Paratype: MA71658, one specimen, from the type locality.

Current name: *Magnatica (Spelaenacca) sutherlandi* (Marwick, 1924) – Beu & Raine (2009).

†***Magnatica clifdenensis* Finlay, 1926**

Finlay, H.J., 1926a, p. 229, pl. 60, fig. 2 (holotype).

Holotype: MA70429, collected from 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).

†***Magnatica fons* Finlay, 1930**

Finlay, H.J., 1930a, p. 58, pl. 4, fig. 51 (holotype).

Holotype: MA70430, collected from the middle Eocene (Bortonian) Waihao Greensand at Waihao Downs, south Canterbury, New Zealand.

Paratypes: MA72452 three specimens, from the type locality.

Current name: *Magnatica fons* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 243).

†***Magnatica powelli* Laws, 1932**

Laws, C.R. 1932, pp. 190, 191, pl. 31, fig. 39 (holotype), fig. 38 (paratype).

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 & Raine (2009).

†***Magnatica rectilatera* Finlay, 1926**

Finlay, H.J., 1926a, p. 229, pl. 60, fig. 5 (holotype).

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).

†***Magnatica (Spelaenacca) parilis* Finlay, 1930**

Finlay, H.J., 1930a, pp. 58, 59, not figured.

Holotype: MA70431, **Figures 1a, b**, from middle Eocene (Bortonian) Waihao Greensand at McCulloch's Bridge, Waihao, Canterbury, New Zealand.

Current name: *Magnatica (Spelaenacca) parilis* Finlay, 1930 – Maxwell in: Spencer *et al.* (2009: 243).

†***Magnatica (Spelaenacca) procera* Finlay & Marwick, 1937**

Finlay, H.J. & J. Marwick, 1937, p. 58, pl. 6, fig. 16 (holotype).

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).

†***Magnatica (Spelaenacca) waitemataensis* Powell, 1938**

Powell, A.W.B., 1938a, p. 369, pl. 39, fig. 3 (holotype).

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).

†***Micreschara (Macromphalina) auriformis* Marwick, 1924**

Marwick, J., 1924b, p. 578, pl. 60, figs 5, 6 (holotype).

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).

†*Natica consortis* Finlay, 1924

Finlay, H.J., 1924a, p. 451, pl. 49, fig. 1a (holotype), figs 1b, c.

Holotype: MA70513, collected from 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).

†*Natica inexpectata* Finlay, 1924

Finlay, H.J., 1924a, p. 452, not figured.

Holotype: MA70514, **Figures 1c, 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).

†*Natica notocenica* Finlay, 1924

Finlay, H.J., 1924a, p. 450, pl. 49, fig. 2a (holotype), figs 2b, c, d (paratypes).

Holotype: MA70515, collected from the early Miocene (Altonian), Mount Harris Formation, Awamoa Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72920, four specimens, collected from 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).

†*Natica praeconsors* Finlay, 1924

Finlay, H.J., 1924a, p. 451, not figured.

Holotype: MA71287, **Figures 1e, f**, from middle Eocene (Bortonian) 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).

†*Natica (Carinacca) allani* Marwick, 1924

Marwick, J., 1924b, pp. 554, 555, pl. 56, fig. 4 (holotype).

Holotype: MA71281, collected from the middle Eocene (Bortonian) Waihao Greensand at Waihao Downs, south Canterbury, New Zealand.

Paratypes: MA72515, two specimens, from the type locality.

Current name: *Carinacca allani* (Marwick, 1924) – Maxwell in: Spencer *et al.* (2009: 243).

†*Natica (Carinacca) haasti* Marwick, 1924

Marwick, J., 1924b, p. 554, pl. 56, fig. 8 (holotype).

Holotype: MA71282, from middle Eocene (Bortonian) 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).

***Notocochlis sagittata hancockae* Powell, 1971**

Powell, A.W.B., 1971, p. 215, fig. 7 (holotype).

Holotype: MA71330, collected by M. Hancock, Urupukapuka Island, Northland, New Zealand.

Current name: *Notocochlis cernica* (Jousseume, 1874) – Spencer *et al.* (2018).

†*Polinices motutaraensis* Powell, 1935

Powell, A.W.B., 1935b, pp. 335, 336, pl. 78, figs 17, 18 (holotype).

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).

†*Polinices parki* Finlay & Marwick, 1937

Finlay, H.J. & J. Marwick, 1937, p. 58, pl. 6, figs 11, 13 (holotype), fig. 9 (paratype).

Holotype: GNS TM7321

Paratypes: MA72861, three specimens, collected from the type locality, early Paleocene (lower Teurian), 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).

†*Polinices pseudovitrea* Finlay, 1924

Finlay, H.J., 1924a, p. 452, pl. 49, fig. 3a (holotype), figs 3b, c, d (paratype).

Holotype: MA70635, 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).

†*Polinices stanleyi* Marwick, 1948

Marwick, J. 1948, pp. 30, 31, pl. 6, fig. 9 (holotype), fig. 9 (holotype), figs 7, 12 (paratypes).

Holotype: MA71096, collected from the late Pliocene (Waipipian) of the Kaawa Formation 25–30 m (84–98 ft) below the surface in the Waitemata Brewery well, Otahuhu, Auckland, New Zealand.

Paratype: MA73021, one specimen from the type locality.

Current name: *Polinices waipipiensis* (Marwick, 1924) – Beu & Raine (2009).

***Polinices tawhitirahia* Powell, 1965**

Powell, A.W.B., 1965, pp. 163, 164, pl. 22, fig. 2 (holotype), figs 1, 3 (paratypes).

Holotype: MA71242, collected by members of the Whangarei Underwater Club in February 1965, from sand and rubble at the foot of a steep cliff face, in 36 m

(120 ft), 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 – Spencer *et al.* (2018).

†*Polinices (Polinella) fryei* Laws, 1933

Laws, C.R., 1933, p. 321, pl. 32, fig. 30 (holotype).

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).

†*Proxiuber anteaustrale* Powell, 1938

Powell, A.W.B., 1938b, 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).

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 – Spencer *et al.* (2018).

Sinuber sculptum scotianum Powell, 1951

Powell, A.W.B., 1951b, pp. 120, 121, pl. 5, fig. 10 (holotype).

Holotype: NHM 1961418

Paratypes: MA71974, 19 specimens, collected on 20 February 1927, from the type locality, station 167, R.R.S. Discovery Expedition, from 244–344 m, off Signy Island, South Orkney Islands, Antarctic Treaty Administration.

Current name: *Sinuber sculptum scotianum* Powell, 1951 – MolluscaBase (2020).

†*Sinum infirmum* Marwick, 1924

Marwick, J., 1924b, p. 572, pl. 60, figs 7, 8 (holotype).

Holotype: MA70711, 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).

†*Sinum marwicki* Laws, 1930

Laws, C.R., 1930, pp. 551, 552, pl. 89, figs 1, 4 (holotype).

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).

†*Sulconacca compressa* Marwick, 1924

Marwick, J., 1924b, p. 558, pl. 57, fig. 3 (holotype).

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).

†*Sulconacca prisca* Marwick, 1924

Marwick, J., 1924b, pp. 557, 558, pl. 57, fig. 2 (holotype).

Holotype: MA71279, collected from the middle Eocene (Bortonian) Waihao Greensand at Waihao Downs, south Canterbury, New Zealand.

Current name: *Friginatica prisca* (Marwick, 1924) – Maxwell in: Spencer *et al.* (2009: 243).

†*Uber chattonensis* Marwick, 1924

Marwick, J., 1924b, pp. 563, 564, pl. 58, fig. 3 (holotype).

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).

†*Uber finlayi* Marwick, 1924

Marwick, J., 1924b, pp. 565, 566, pl. 57, fig. 12 (holotype), figs 8, 13 (paratypes).

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).

†*Uber laxis* Finlay, 1926

Finlay, H.J., 1926a, p. 229, pl. 60, fig. 1 (holotype).

Holotype: MA70814, collected from middle Miocene (Waiauan) Nissen Shellbeds, [Finlay's bed 8A (for correlation see Fleming *et al.*, 1969)], Clifden, Southland, New Zealand.

Current name: *Polinices laxis* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 243).

†*Uber senisculus* Marwick, 1924

Marwick, J., 1924b, p. 566, pl. 57, fig. 6 (holotype).

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).

†*Uber (Euspira) firmus* Marwick, 1924

Marwick, J., 1924b, p. 569, pl. 59, fig. 3 (holotype), fig. 2.

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).

†*Uber (Euspira) fyfei* Marwick, 1924

Marwick, J., 1924b, p. 569, pl. 59, figs 8, 9 (holotype).

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).

†*Uber (Euspira) lateapertus* Marwick, 1924

Marwick, J., 1924b, pp. 569, 570, pl. 59, fig. 4 (holotype), figs 5, 6 (paratypes).

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).

†*Uber (Euspira) pukeuriensis* Marwick, 1924

Marwick, J., 1924b, p. 570, pl. 55, fig. 20 (holotype).

Holotype: MA70815, collected from 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).

†*Uberella acerva* Laws, 1933

Laws, C.R., 1933, pp. 321, 322, pl. 32, fig. 32 (holotype).

Holotype: MA70817, collected by C.R. Laws, from 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).

†*Uberella marwicki* Powell, 1935

Powell, A.W.B., 1935b, p. 335, pl. 78, fig. 19 (holotype).

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).

Family BARLEEIIDAE

Rissoia carnosa 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: *Fictionoba carnosa carnosa* (Webster, 1905) – Spencer *et al.* (2018).

Austronoba martini Finlay, 1928

Finlay, H.J., 1928, p. 242, pl. 39, figs 12, 13 (holotype).

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.

Current name: *Fictionoba carnosa martini* (Finlay, 1928) – Spencer *et al.* (2018).

Austronoba oliveri Powell, 1927

Powell, A.W.B., 1927a, pp. 542, 543, pl. 27, fig. 9.

Holotype: MA70075, dredged by R.S. Bell from 10–30 m, off Raoul Island, Kermadec Islands, New Zealand.

Paratypes: MA71522, 29 specimens collected from the type locality.

Current name: *Fictionoba oliveri* (Powell, 1927) – Spencer *et al.* (2018).

Family LIRONOBIDAE

Lironoba matai Dell, 1952

Dell, R.K., 1952, pp. 416, 418, pl. 85, fig. 3 (holotype).

Holotype: MONZ M.005507

Paratypes: MA72770, two specimens, collected from the type locality, by the RV Matai on 6 November, 1936, from 95 m (52 fathoms), Mernoo Bank, Chatham Rise, New Zealand.

Current name: *Lironoba matai* Dell, 1952 – Spencer *et al.* (2018).

Lironoba (Nobolira) anomala Powell, 1940

Powell, A.W.B., 1940, pp. 225, 226, 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 damaged by glass disease.

Current name: *Lironoba anomala* Powell, 1940 – Spencer *et al.* (2018).

†*Lironoba charassa* Finlay, 1924

Finlay, H.J., 1924b, p. 486, fig. 7.

Holotype: MA70412, collected from ‘Nukumarū’, Whanganui, New Zealand.

Remarks: No further locality data is available, but based on later specimens found by Laws (1940), the specimen may have been collected from the early Pleistocene (Nukumaruan) Nukumarū Brown Sand, 7 km south east of Waiinu Beach, near the site of the former ‘Nukumarū boat-landing’, Manawatu-Whanganui, New Zealand.

Current name: *Attenuata charassa* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 242).

†*Lironoba polyvincta* Finlay, 1924

Finlay, H.J., 1924b, pp. 485, 486, fig. 6.

Holotype: MA70413, collected from 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).

***Merelina cochleata* Powell, 1937**

Powell, A.W.B., 1937, p. 194, pl. 52, fig. 6 (holotype).

Holotype: NHM 19621005

Paratypes: MA72269, three specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Merelina cochleata* Powell, 1937 – Spencer *et al.* (2018).

***Merelina compacta* Powell, 1927**

Powell, A.W.B., 1927a, 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), 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 – Spencer *et al.* (2018).

***Merelina crassissima* Powell, 1937**

Powell, A.W.B., 1937, pp. 194, 195, pl. 52, fig. 9 (holotype).

Holotype: NHM 19621007

Paratypes: MA72270, five specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 934, R.R.S. Discovery II cruise, in 92 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Merelina crassissima* Powell, 1937 – Spencer *et al.* (2018).

***Merelina crispulata* Powell, 1937**

Powell, A.W.B., 1937, p. 194, pl. 52, fig. 7 (holotype).

Holotype: NHM 19621003

Paratypes: MA72268, 17 specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Merelina crispulata* Powell, 1937 – Spencer *et al.* (2018).

***Merelina gemmata* Powell, 1927**

Powell, A.W.B., 1927a, 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.

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 (1927) most likely used the name for Lady Alice/Big Chicken.

Paratypes: MA71517, three specimens, from the type locality.

Current name: *Simulameralina gemmata* (Powell, 1927) – Spencer *et al.* (2018).

***Merelina harrisonae* Powell, 1939**

Powell, A.W.B., 1939, p. 231, pl. 49, fig. 2 (holotype).

Holotype: MA70459, collected by R.H. Harrison, from Ringaringa, Stewart Island / Rakiura, New Zealand.

Current name: *Merelina harrisonae* Powell, 1939 – Spencer *et al.* (2018).

†*Merelina kaawaensis* Laws, 1936

Laws, C.R., 1936, p. 106, pl. 16, figs 60, 61 (holotype).

Holotype: MA70460, collected from the early Pliocene (Opoitian) of the Kaawa Formation at Kaawa Creek, 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).

***Merelina manawatawhia* Powell, 1937**

Powell, A.W.B., 1937, pp. 193, 194, pl. 52, fig. 8 (holotype).

Holotype: NHM 19621000

Paratypes: MA72267, four specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Merelina manawatawhia* Powell, 1937 – Spencer *et al.* (2018).

***Merelina maoriana* Powell, 1939**

Powell, A.W.B., 1939, pp. 231, 232, pl. 49, fig. 1 (holotype).

Holotype: MA70461, collected from 5 m (3 fathoms), Otago Harbour, Dunedin, Otago, New Zealand.

Paratypes: MA71587, 41 specimens, from the type locality.

Current name: *Merelina maoriana* Powell, 1939 – Spencer *et al.* (2018).

***Merelina paupereques* Powell, 1937**

Powell, A.W.B., 1937, p. 193, pl. 52, fig. 10 (holotype).

Holotype: MA71292, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m 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 (1937: 193), but not as the type locality, which is given as station 933. Almost all holotypes for species described in Powell (1937) were lodged with the NHM, but there is no record of any specimens of *Merelina paupereques* in the NHM online molluscan register of R.R.S. Discovery II cruise specimens (see <https://data.nhm.ac.uk/dataset/collection-specimens>). In addition, Powell (1937) states that ‘The writer is indebted to Dr H.J. Finlay for the opportunity of describing this species.’ This suggests Powell (1937) may have recorded station 933 in error as the type locality.

Current name: *Merelina paupereques* Powell, 1937 – Spencer *et al.* (2018).

***Merelina plaga* Finlay, 1926**

Finlay, H.J., 1926b, p. 378, pl. 19, fig. 37 (holotype), fig. 38.

Holotype: MA70462, collected from 91 m (50 fathoms), 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 – Spencer *et al.* (2018).

***Merelina rubiginosa* Ponder, 1967**

Ponder, W.F. 1967, pp. 213, 214, pl. 6, fig. 1 (holotype).

Holotype: MA72970, collected by K. Hipkins on 9 April 1955, from McGregors Bay, Whangarei Heads, Northland, New Zealand.

Paratypes: MA72971, 19 specimens, from the type locality.

Current name: *Merelina rubiginosa* Ponder, 1967 – Spencer *et al.* (2018).

***Merelina superba* Powell, 1927**

Powell, A.W.B., 1927a, p. 536, 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 (1927c) most likely used the name for Lady Alice/Big Chicken.

Current name: *Merelina superba* Powell, 1927 – Spencer *et al.* (2018).

***Merelina taupoensis* Powell, 1939**

Powell, A.W.B., 1939, p. 232, pl. 49, fig. 3 (holotype).

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 – Spencer *et al.* (2018).

***Merelina waitangiensis* Powell, 1933**

Powell, A.W.B., 1933a, p. 202, pl. 33, fig. 3 (holotype).

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 – Spencer *et al.* (2018).

***Nobolira affinis* Powell, 1940**

Powell, A.W.B., 1940, p. 226, pl. 30, fig. 6 (holotype).

Holotype: MA70523, dredged from 27 m (15 fathoms), off Waikuku Beach, Northland, New Zealand.

Current name: *Attenuata affinis affinis* (Powell, 1940) – Spencer *et al.* (2018).

***Nobolira bollonsi* Powell, 1930**

Powell, A.W.B., 1930a, pp. 536, 537, pl. 60, fig. 7 (holotype).

Holotype: MA71394, dredged by J. Bollons, from 110 m (60 fathoms), off Poor Knights Islands, Northland, New Zealand.

Current name: *Attenuata bollonsi* (Powell, 1930) – Spencer *et al.* (2018).

***Nobolira cochlearella* Powell, 1937**

Powell, A.W.B., 1937, pp. 195, 196, pl. 52, fig. 15 (holotype).

Holotype: NHM 19621009

Paratypes: MA72246, eight specimens, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Attenuata cochlearella* (Powell, 1937) – Spencer *et al.* (2018).

***Nobolira contigua* Powell, 1940**

Powell, A.W.B., 1940, p. 226, pl. 30, fig. 5 (holotype).

Holotype: MA70524, collected by J. Bollons in 1914, from 183 m (100 fathoms) off Manawatāwhi / Great Island, Manawatāwhi / Three Kings Islands, New Zealand.

Remarks: Holotype specimen destroyed by glass disease.

Current name: *Attenuata contigua* (Powell, 1940) – Spencer *et al.* (2018).

***Nobolira manawatawhia* Powell, 1937**

Powell, A.W.B., 1937, p. 196, pl. 52, fig. 16 (holotype).

Holotype: NHM 19621011

Paratypes: MA72247, two specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 934, R.R.S. Discovery II cruise, in 92 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Attenuata manawatawhia* (Powell, 1937) – Spencer *et al.* (2018).

***Nobolira merelina* Dell, 1956**

Dell, R.K., 1956, p. 65, pl. 9, fig. 80 (holotype).

Holotype: MONZ M.009279

Paratype: MA72756, one specimen, collected from the type locality, by E.J. Batham, on the MV Alert, on 16 August 1955, from 549 m (300 fathoms), Taiaroa Canyon, off Otago Peninsula, New Zealand.

Current name: *Attenuata merelina* (Dell, 1956) – Spencer *et al.* (2018).

***Nobolira regis* Powell, 1940**

Powell, A.W.B., 1940, p. 226, pl. 30, fig. 4 (holotype).

Holotype: MA72105, collected from 91 m (50 fathoms) between Piwhane / Spirits Bay and Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Attenuata regis* (Powell, 1940) – Spencer *et al.* (2018).

***Nobolira (Adolphinoba) finlayi* Powell, 1930**

Powell, A.W.B., 1930a, pp. 537, 538, pl. 60, fig. 6 (holotype).

Holotype: MA70525, dredged by J. Bollons, from 110 m (60 fathoms), off Poor Knights Islands, Northland, New Zealand.

Paratypes: MA71998, four specimens, from the type locality.

Current name: *Attenuata finlayi* (Powell, 1930) – Spencer *et al.* (2018).

***Promerelina coronata* Powell, 1926**

Powell, A.W.B., 1926a, 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 (1926) most likely used the name for Lady Alice/Big Chicken.

Current name: *Merelina coronata* (Powell, 1926) – Spencer *et al.* (2018).

***Promerelina crosseaformis* Powell, 1926**

Powell, A.W.B., 1926a, 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 (1926a) most likely used the name for Lady Alice/Big Chicken.

Current name: *Merelina crosseaformis* (Powell, 1926) – Spencer *et al.* (2018).

***Promerelina lacunosa* Powell, 1940**

Powell, A.W.B., 1940, p. 227, pl. 30, fig. 9 (holotype).

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 R.R.S. Discovery II Station 931 (his ‘Aupourian Dredge Station’ D7), instead of 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) – Spencer *et al.* (2018).

***Promerelina tricarinata* Powell, 1937**

Powell, A.W.B., 1937, p. 195, pl. 52, fig. 11 (holotype).

Holotype: NHM 19621008

Paratypes: MA72271, five specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 934, R.R.S. Discovery II cruise, in 92 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Merelina tricarinata* (Powell, 1937) – Spencer *et al.* (2018).

Family RISSOIDAE***Austronoba iredalei* Powell, 1937**

Powell, A.W.B., 1937, pp. 192, 193, pl. 52, fig. 12 (holotype).

Holotype: NHM 19621001

Paratypes: MA72266, 15 specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Subonoba iredalei* (Powell, 1937) – Spencer *et al.* (2018).

***Austronoba kermadecensis* Powell, 1927**

Powell, A.W.B., 1927a, p. 542, pl. 27, fig. 8.

Holotype: MA70072, dredged by R.S. Bell from 10–30 m, off Raoul Island, Kermadec Islands, New Zealand.

Paratypes: MA71521, 21 specimens collected from the type locality.

Current name: *Subonoba kermadecensis* (Powell, 1927) – Spencer *et al.* (2018).

***Austronoba obliquata* Powell, 1940**

Powell, A.W.B., 1940, pp. 224, 225, pl. 30, fig. 1 (holotype).

Holotype: MA70074, collected by A.W.B. Powell in 1932, from shell sand, Takapaukura/Tom Bowling Bay, Northland, New Zealand.

Paratypes: MA73251, ten specimens, from the type locality.

Current name: *Subonoba obliquata* (Powell, 1940) – Spencer *et al.* (2018).

†*Badenia biangulata* Laws, 1936

Laws, C.R., 1936, p. 113, pl. 16, fig. 64 (holotype).

Holotype: MA70089, collected from the early Pliocene (Opoitian) of the Kaawa Formation at Kaawa Creek, south of Port Waikato, Waikato, New Zealand.

Current name: *Onoba biangulata* (Laws, 1936) – Spencer *et al.* (2018).

†*Badenia zebina* Finlay, 1930

Finlay, H.J., 1930a, p. 57, not figured.

Holotype: MA70090, **Figure 1g**, collected from the middle to late Oligocene (Waitakian) of Otiake, Waitaki Valley, Otago, New Zealand.

Paratypes: MA72450, 13 specimens, from the type locality.

Current name: *Onoba zebina* (Finlay, 1930) – MolluscaBase (2020).

***Dardanula convexispira* Powell, 1955**

Powell, A.W.B., 1955, p. 89, pl. 3, fig. 22 (holotype).

Holotype: MA71223, collected by J. Bollons, from 91 m (50 fathoms), 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); Spencer *et al.* (2018)

***Haurakia aupouria* Powell, 1937**

Powell, A.W.B., 1937, p. 191, pl. 52, fig. 4 (holotype).

Holotype: NHM 1962995

Paratype: MA72249, one specimen, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Alvania (Linemera) aupouria* (Powell, 1937) – Powell (1979: 96); Spencer *et al.* (2018).

***Haurakia bountyensis* Dell, 1950**

Dell, R.K., 1950, p. 24, fig. 5 (holotype).

Holotype: MONZ M.004724

Paratype: MA72772, one specimen, collected from the type locality, in 1907, Bounty Islands, New Zealand.

Current name: *Alvania (Linemera) bountyensis* (Dell, 1950) – Powell (1979: 96); Spencer *et al.* (2018).

***Haurakia crassicosta* Powell, 1955**

Powell, A.W.B., 1955, p. 80, pl. 3, fig. 27 (holotype).

Holotype: MA71216, collected by J. Bollons, from 91 m (50 fathoms), off Snares Islands / Tini Heke Islands, New Zealand.

Paratypes: MA71605, 38 specimens, collected from the type locality.

Current name: *Haurakia crassicosta* Powell, 1955 – Spencer *et al.* (2018).

***Haurakia duplicata* Powell, 1937**

Powell, A.W.B., 1937, p. 191, pl. 52, fig. 2 (holotype).

Holotype: NHM 1962996

Paratypes: MA72251, three specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 932, R.R.S. Discovery II cruise, in 92 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Onoba (Ovirissoa) duplicata* (Powell, 1937) – Powell (1979: 114); Spencer *et al.* (2018).

***Haurakia duplicata exuta* Powell, 1937**

Powell, A.W.B., 1937, p. 191, pl. 52, fig. 3 (holotype).

Holotype: NHM 1962997

Paratype: MA72252, one specimen, collected by A.W.B. Powell on 17 August 1932 station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Onoba (Ovirissoa) exuta* (Powell, 1937) – Powell (1979: 114); Spencer *et al.* (2018).

***Haurakia finlayi* Powell, 1937**

Powell, A.W.B., 1937, p. 190, pl. 52, fig. 1 (holotype).

Holotype: NHM 1962994

Paratypes: MA72248, five specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Haurakia finlayi* Powell, 1937 – Spencer *et al.* (2018).

***Haurakia minuscula* Powell, 1955**

Powell, A.W.B., 1955, p. 95, pl. 3, fig. 26 (holotype).

Holotype: MA71217, collected from 174 m (95 fathoms), 23 km (14 miles) north of Auckland Islands, New Zealand.

Paratypes: MA71606, 60 specimens, from the type locality.

Current name: *Haurakia minuscula* Powell, 1955 – Spencer *et al.* (2018).

†*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 – Spencer *et al.* (2018).

***Haurakia otagoensis* Dell, 1956**

Dell, R.K., 1956, p. 62, pl. 8, fig. 76 (holotype).

Holotype: MONZ M.009278

Paratype: MA72764, one specimen, collected from the type locality, by E.J. Batham, on the MV Alert, on 16 August 1955, from 549 m (300 fathoms), Taia

Canyon, off Otago Peninsula, New Zealand.

Current name: *Haurakia otagoensis* Dell, 1956 – Spencer *et al.* (2018).

***Haurakia venusta* Powell, 1926**

Powell, A.W.B., 1926b, pp. 46, 47, pl. 5, fig. 3.

Syntypes: CM M5215; M5216

Syntypes: MA72338*, collected in 1907 by a New Zealand Government trawling expedition, from 183 m (100 fathoms), 97 km (60 miles) east of Lyttelton, Banks Peninsula, Canterbury, New Zealand.

Remarks: Lot MA72338 has not been found since 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); Spencer *et al.* (2018).

***Haurakiopsis pellucida* Powell, 1937**

Powell, A.W.B., 1937, p. 192, pl. 52, fig. 5 (holotype).

Holotype: NHM 1962998

Paratypes: MA71982, four specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m 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, R.R.S. Discovery II cruise, in 92 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Haurakia pellucida* (Powell, 1937) – Powell (1979: 96); Spencer *et al.* (2018).

***Linemera abrupta* Dell, 1956**

Dell, R.K., 1956, p. 66, pl. 8, fig. 78 (holotype).

Holotype: MONZ M.009332

Paratype: MA72763, one specimen, collected from the type locality, by E.J. Batham, on the MV Alert, on 16 August 1955, from 549 m (300 fathoms), Taia

Canyon, off Otago Peninsula, New Zealand.

Current name: *Alvania (Linemera) abrupta* (Dell, 1956) – Spencer *et al.* (2018).

†*Linemera awamoaensis* Finlay, 1924

Finlay, H.J., 1924b, p. 485, fig. 5.

Holotype: MA70401, collected from the early Miocene (Altonian), Mount Harris Formation, Awamoa Creek, Oamaru, Otago, New Zealand.

Paratypes: MA72497, four specimens, from the type locality.

Current name: *Alvania (Linemera) awamoaensis* (Finlay, 1924) – MolluscaBase (2020).

***Linemera gallinacea* Finlay, 1930**

Finlay, H.J., 1930b, pp. 225, 226, pl. 45, fig. 41 (paratype).

Holotype: MA70403, collected from 46 m (25 fathoms), off Hen and Chickens Islands, Northland, New Zealand.

Paratypes: MA72575, 74 specimens, from the type locality.

Current name: *Alvania (Linemera) gallinacea* (Finlay, 1930) – Spencer *et al.* (2018).

***Linemera gradatoides* Finlay, 1930**

Finlay, H.J., 1930b, p. 226, pl. 45, fig. 40 (paratype).

Holotype: MA70402, collected from 92 m (50 fathoms), off Oamaru, Otago, New Zealand.

Paratypes: MA72576, 40 specimens, from the type locality.

Current name: *Alvania* (*Linemera*) *gradatoides* (Finlay, 1930) – Spencer *et al.* (2018).

***Linemera maclurgi* Powell, 1933**

Powell, A.W.B., 1933a, p. 202, pl. 33, fig. 2 (holotype).

Holotype: MA70404, collected by A.W.B. Powell and/or C.A. Fleming in February 1933, from 18 m (10 fathoms) off Owenga Beach, Chatham Islands, New Zealand.

Paratype: MA71992, one specimen, from the type locality.

Current name: *Alvania* (*Linemera*) *maclurgi* (Powell, 1933) – Spencer *et al.* (2018).

†*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* (*Linemera*) *minuta* (Finlay, 1924) – MolluscaBase (2020).

***Linemera pinguoides* Powell, 1940**

Powell, A.W.B., 1940, p. 225, pl. 30, fig. 7 (holotype).

Holotype: MA70406, collected by J. Bollons in 1914, from 183 m (100 fathoms) off Manawatāwhi / Great Island, Manawatāwhi / Three Kings Islands, New Zealand.

Paratypes: MA73250, five specimens, from the type locality.

Current name: *Alvania* (*Linemera*) *pinguoides* (Powell, 1940) – Spencer *et al.* (2018).

†*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* (*Linemera*) *pukeuriensis* (Finlay, 1924) – MolluscaBase (2020).

***Manawatawhia analoga* Powell, 1937**

Powell, A.W.B., 1937, p. 199, pl. 52, fig. 14 (holotype).

Holotype: NHM 19621019

Paratypes: MA72261, seven specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Onoba* (*Manawatawhia*) *analoga* (Powell, 1937) – Spencer *et al.* (2018).

***Notosetia antipoda* Powell, 1955**

Powell, A.W.B., 1955, p. 86, pl. 3, fig. 19 (holotype).

Holotype: MA71218, collected by J. Bollons, from 91 m (50 fathoms), 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); Spencer *et al.* (2018).

***Notosetia aupouria* Powell, 1937**

Powell, A.W.B., 1937, p. 201, pl. 53, fig. 12 (holotype).

Holotype: NHM 19621025

Paratypes: MA72275, 14 specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Haurakia aupouria* (Powell, 1937) – Powell (1979: 95); Spencer *et al.* (2018).

***Notosetia benthicola* Powell, 1927**

Powell, A.W.B., 1927d, p. 117, pl. 21, fig. 1.

Holotype: CM M5377

Paratypes: MA72342, six specimens, dredged from the type locality, by a private scientific party in December 1908, off the steamer 'Rakiura' in 183 m (100 fathoms) off Puysegur Point, Southland, New Zealand.

Current name: *Onoba* (*Ovirissoa*) *lubrica* (Suter, 1898) – Powell (1979: 100); Spencer *et al.* (2018).

***Notosetia crassilabrum* Powell, 1940**

Powell, A.W.B., 1940, p. 228, pl. 30, fig. 12 (holotype).

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) – Spencer *et al.* (2018).

***Notosetia fairchildi* Powell, 1933**

Powell, A.W.B., 1933b, pp. 36, 37, text figs 2, 3.

Holotype: CM M5312

Paratypes: MA72371, three specimens, collected from the type locality by J. Fairchild on 1 June 1893, from 311 m (170 fathoms), Bounty Islands, New Zealand.

Current name: *Powellisetia gradata* (Suter, 1908) – Powell (1979: 99); Spencer *et al.* (2018).

***Notosetia foveauxana* E.C. Smith, 1962**

Smith, E.C., 1962, p. 53, fig. 9 (holotype).

Holotype: MONZ M.020248

Paratypes: MA72957, six specimens, collected from the type locality by W. Hopkins in May 1955, from 55 m (30 fathoms), off Poutama Island, Stewart Island / Rakiura, New Zealand.

Current name: *Powellisetia subtenuis* (Powell, 1937) – Powell (1979: 99, 100); Spencer *et al.* (2018).

***Notosetia lineata* E.C. Smith, 1962**

Smith, E.C., 1962, p. 55, fig. 13 (holotype).

Holotype: MONZ M.020253

Paratypes: MA72958, two specimens, from the type locality, collected by E.C. Smith, from seaweed washings, Halfmoon Bay, Stewart Island / Rakiura, New Zealand.

Current name: *Powellisetia lineata* (E.C. Smith, 1962) – Powell (1979: 99, 100); Spencer *et al.* (2018).

***Notosetia multilirata* Powell, 1940**

Powell, A.W.B., 1940, pp. 228, 229, pl. 31, fig. 10 (holotype).

Holotype: MA70539, collected by J. Bollons in 1914, from 183 m (100 fathoms) 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); Spencer *et al.* (2018).

***Notosetia porcellanoides* Powell, 1937**

Powell, A.W.B., 1937, pp. 200, 201, pl. 53, fig. 9 (holotype).

Holotype: NHM 19621023

Paratype: MA72262, one specimen, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Remarks: The specimen has been damaged by glass disease.

Current name: *Powellisetia porcellanoides* (Powell, 1937) – Spencer *et al.* (2018).

†*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).

†*Notosetia prisca paroeca* Finlay, 1924

Finlay, H.J., 1924b, p. 488, not figured.

Holotype: MA70541, **Figure 1h**, 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).

***Notosetia retusa* Powell, 1927**

Powell, A.W.B., 1927d, p. 117, pl. 21, fig. 3.

Holotype: CM M5362

Paratypes: MA72343, three specimens, dredged from

the type locality by a private scientific party in December 1908, off the steamer 'Rakiura' in 311 m (170 fathoms) off Puysegur Point, Southland, New Zealand.

Current name: *Powellisetia retusa* (Powell, 1927) – Spencer *et al.* (2018).

***Notosetia subcarinata* Powell, 1940**

Powell, A.W.B., 1940, p. 228, pl. 30, fig. 11 (holotype).

Holotype: MA70542, collected by J. Bollons in 1914, from 183 m (100 fathoms) 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); Spencer *et al.* (2018).

***Notosetia subgradata* Powell, 1937**

Powell, A.W.B., 1937, pp. 199, 200, pl. 53, fig. 10 (holotype).

Holotype: NHM 19621021

Paratypes: MA72273, two specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Powellisetia subgradata* (Powell, 1937) – Spencer *et al.* (2018).

***Notosetia subtenuis* Powell, 1937**

Powell, A.W.B., 1937, pp. 200, 201, pl. 53, fig. 8 (holotype).

Holotype: NHM 19621024

Paratype: MA72263, six specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Powellisetia subtenuis* (Powell, 1937) – Spencer *et al.* (2018).

***Notosetia tenuisculpta* Powell, 1933**

Powell, A.W.B., 1933b, p. 37, pl. 6, fig. 7 (holotype).

Holotype: CM M5313

Paratypes: MA72372, four specimens, collected from the type locality, by J. Fairchild on 1 June 1893, from 311 m (170 fathoms), Bounty Islands, New Zealand.

Current name: *Powellisetia tenuisculpta* (Powell, 1933) – Spencer *et al.* (2018).

***Notosetia unicarinata* Powell, 1930**

Powell, A.W.B., 1930a, pp. 543, 544, pl. 88, fig. 18 (holotype).

Holotype: MA70544, dredged by A.W.B. Powell in 1924, from 9–11 m (5–6 fathoms), Tryphena Bay, Aotea / Great Barrier Island, New Zealand.

Paratypes: MA72426, six specimens, from the type locality.

Current name: *Powellisetia unicarinata* (Powell, 1930) – Spencer *et al.* (2018).

***Ovirissoa delli* Ponder, 1968**

Ponder, W.F., 1968, p. 115, text fig. B.

Holotype: MONZ M.021746

Paratypes: MA72972, two specimens, collected from the type locality, by M. Mestayer, from Lyall Bay, Wellington, New Zealand.

Current name: *Onoba (Ovirissoa) delli* (Ponder, 1968) – Spencer *et al.* (2018).

†*Powellia comes* Finlay, 1926

Finlay, H.J., 1926b, p. 404, pl. 19, fig. 45 (holotype), fig. 46.

Holotype: MA70636, collected from 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) – Spencer *et al.* (2018).

†*Powellia lactea* Finlay, 1926

Finlay, H.J., 1926b, pp. 403, 404], pl. 19, fig. 47 (holotype), fig. 48.

Holotype: MA70637, collected from early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Paratypes: MA72531, two specimens; MA72944, 15 specimens, all from the type locality.

Current name: *Onoba (Ovirissoa) lactea* (Finlay, 1926) – Spencer *et al.* (2018).

***Powellia paupereques* Finlay, 1926**

Finlay, H.J., 1926b, p. 404, pl. 19, fig. 43 (holotype), fig. 44.

Holotype: MA70638, collected from 110 m (60 fathoms) off the Poor Knights Islands, Northland, New Zealand.

Paratypes: MA72534, three specimens, from the type locality.

Current name: *Onoba (Ovirissoa) paupereques* (Finlay, 1926) – Spencer *et al.* (2018).

***Powellisetia bilirata* Ponder, 1965**

Ponder, W.F., 1965b, p. 106, pl. 14, fig. 17 (holotype).

Holotype: MA71265, collected by K. Hipkins on 9 April 1955 from shell sand, McGregors Bay, Whangarei Heads, Northland, New Zealand.

Paratype: MA72845, one specimen, from the type locality.

Current name: *Powellisetia bilirata* Ponder, 1965 – Spencer *et al.* (2018).

***Rissoa (Haurakia) latiambita* Ponder, 1967**

Ponder, W.F., 1967, pp. 199, 200, pl. 2, fig. 2 (holotype).

Holotype: MA71306, collected by K. Hipkins on 9 April 1955, from shell sand, McGregors Bay, Whangarei Heads, Northland, New Zealand.

Paratypes: MA73128, three specimens, from the type locality.

Current name: *Hauraki latiambita* (Ponder, 1967) – Spencer *et al.* (2018).

***Rissoa (Haurakia) mobilicosta* Ponder, 1967**

Ponder, W.F., 1967, p. 200, pl. 1, fig. 8 (holotype), figs 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) – Spencer *et al.* (2018).

***Rissoa (Haurakia) sinuastoma* Ponder, 1967**

Ponder, W.F., 1967, p. 199, pl. 2, fig. 1 (holotype).

Holotype: MA71307, collected by K. Hipkins, from shell sand, Piwhane / Spirits Bay, Northland, New Zealand.

Current name: *Haurakia sinuastoma* (Ponder, 1967) – Spencer *et al.* (2018).

***Rissoa (Setia) infecta* Suter, 1908**

Suter, H., 1908, p. 31, pl. 3, fig. 31.

Lectotypification in Powell, A.W.B., 1933a, p. 198, pl. 34, fig. 5.

Lectotype: GNS TM689

Paralectotypes: MA72782, two specimens, from the type locality, Lyall Bay, Wellington, New Zealand.

Current name: *Haurakia infecta* (Suter, 1908) – Spencer *et al.* (2018).

***Rissoa (Setia) porcellana* Suter, 1908**

Suter, H., 1908, pp. 30, 31, pl. 2, fig. 29.

Lectotypification in Boreham, A., 1959, p. 36

Lectotype: GNS TM715

Paralectotypes: MA72783, two specimens, collected from the type locality, by J. Bollons, in 91 m (50 fathoms), off Snares Islands / Tini Heke Islands, New Zealand.

Current name: *Powellisetia porcellana* (Suter, 1908) – Spencer *et al.* (2018).

***Rissoa (Setia) stewartiana* Suter, 1908**

Suter, H., 1908, p. 31, pl. 3, fig. 30.

Lectotypification in Boreham, A., 1959, p. 36

Lectotype: GNS TM726

Paralectotypes: MA72787, seven specimens, collected by J. Bollons, from 33 m (18 fathoms), Port Pegasus, Stewart Island / Rakiura, New Zealand.

Current name: *Powellisetia porcellana* (Suter, 1908) – Spencer *et al.* (2018).

***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) – Spencer *et al.* (2018).

†*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).

***Rissopsis (Peringiella) elegans* Ponder, 1965**

Ponder, W.F., 1965b, p. 115, pl. 13, figs 3, 3a (holotype); pl. 12, figs 7, 8.

Holotype: MA71266, collected by K. Hipkins on 29 December 1953, from 40 m (22 fathoms), 0.8 km (0.5 miles) west of Stephenson Island, Whangaroa Bay, Northland, New Zealand.

Current name: *Onoba (Ovirissoa) elegans* (Ponder, 1965) – Spencer *et al.* (2018).

***Striatestea bountyensis* Powell, 1927**

Powell, A.W.B., 1927a, pp. 544, 545, pl. 28, fig. 18.

Holotype: MA72145, dredged by J. Fairchild in June 1893, from 311 m (170 fathoms), south of Bounty Island, New Zealand.

Current name: *Striatestea bountyensis* Powell, 1927 – Spencer *et al.* (2018).

***Striatestea eulima* Powell, 1940**

Powell, A.W.B., 1940, pp. 227, 228, pl. 30, fig. 2 (holotype).

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 – Spencer *et al.* (2018).

***Striatestea poutama* Ponder, 1967**

Ponder, W.F., 1967, p. 203, pl. 2, fig. 4 (holotype).

Holotype: MONZ M.021605

Paratype: MA72967, one specimen, collected by E.C. Smith, from the type locality in June 1955, from 55 m (30 fathoms), in bryozoan sand, off Poutama Island, west of South West Cape / Puhiaero, Stewart Island / Rakiura, New Zealand.

Current name: *Striatestea poutama* Ponder, 1967 – Spencer *et al.* (2018).

***Subonoba alpha* Powell, 1955**

Powell, A.W.B., 1955, p. 77, pl. 2, fig. 13 (holotype).

Holotype: MA71210, collected by J. Bollons, from 91 m (50 fathoms), off Snares Islands / Tini Heke Islands, New Zealand.

Paratypes: MA71598, 40 specimens, from the type locality.

Current name: *Subonoba alpha* Powell, 1955 – Spencer *et al.* (2018).

***Subonoba aupouria* Powell, 1940**

Powell, A.W.B., 1940, p. 225, pl. 30, fig. 8 (holotype).

Holotype: MA72147, collected by J. Bollons from

91 m (50 fathoms), between Piwhane / Spirits Bay and Manawatāwhi / Three Kings Islands, New Zealand.

Paratypes: MA73602, two specimens, from the type locality.

Remarks: MA72147 contained 3 specimens, but only one approached the length given by Powell for the holotype and this is retained as the holotype specimen. The two smaller specimen have been removed and given paratype status as MA73602.

Current name: *Subonoba aupouria* Powell, 1940 – Spencer *et al.* (2018).

***Subonoba beta* Powell, 1955**

Powell, A.W.B., 1955, p. 77, pl. 2, fig. 14 (holotype).

Holotype: MA71211, collected by J. Bollons, from 91 m (50 fathoms), off Snares Islands / Tini Heke Islands, New Zealand.

Paratypes: MA71600, five specimens, from the type locality.

Current name: *Subonoba beta* Powell, 1955 – Spencer *et al.* (2018).

***Subonoba contigua* Powell, 1958**

Powell, A.W.B., 1958a, pp. 184, 185, pl. 1, fig. 8 (holotype).

Holotype: South Australian Museum, Adelaide

Paratypes: MA71956, three specimens from the type locality, BANZARE station 84, Commonwealth Bay, Antarctica.

Current name: *Subonoba gelida* (E.A. Smith, 1907) – MolluscaBase (2020).

***Subonoba delicatula* Powell, 1933**

Powell, A.W.B., 1933c, p. 235, fig. 3 (holotype).

Holotype: MONZ M.001678

Paratype: MA72365*, collected from the type locality by J. Bollons, from beach drift, Faith Harbour [North Harbour], Auckland Islands, New Zealand.

Remarks: The paratype lot has not been found since 1993.

Current name: *Subonoba delicatula* Powell, 1933 – Spencer *et al.* (2018).

***Subonoba delta* Powell, 1955**

Powell, A.W.B., 1955, p. 78, pl. 2, fig. 12 (holotype).

Holotype: MA71213, collected by J. Bollons, from 91 m (50 fathoms), off Snares Islands / Tini Heke Islands, New Zealand.

Paratypes: MA71602, 11 specimens, from the type locality.

Current name: *Subonoba delta* Powell, 1955 – Spencer *et al.* (2018).

***Subonoba edita* Powell, 1939**

Powell, A.W.B., 1939, p. 231, pl. 49, fig. 6 (holotype).

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 – Spencer *et al.* (2018).

***Subonoba fallai* Powell, 1955**

Powell, A.W.B., 1955, p. 78, 79, pl. 2, fig. 15 (holotype).

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 – Spencer *et al.* (2018).

***Subonoba gamma* Powell, 1955**

Powell, A.W.B., 1955, p. 77, pl. 2, fig. 17 (holotype).

Holotype: MA71212, collected by J. Bollons, from 91 m (50 fathoms), off Snares Islands / Tini Heke Islands, New Zealand.

Paratypes: MA71601, 13 specimens, from the type locality.

Current name: *Subonoba gamma* Powell, 1955 – Spencer *et al.* (2018).

***Subonoba inornata* Powell, 1933**

Powell, A.W.B., 1933a, pp. 202, 203, pl. 35, fig. 3 (holotype).

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 – Spencer *et al.* (2018).

***Subonoba morioria* Powell, 1933**

Powell, A.W.B., 1933a, pp. 203, 204, pl. 35, fig. 2 (holotype).

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 – Spencer *et al.* (2018).

***Subonoba oliveri* Powell, 1955**

Powell, A.W.B., 1955, pp. 79, 80, pl. 2, fig. 16 (holotype).

Syntypes: MA71215, two specimens, collected by R. Oliver on 5 November 1944 during the ‘Cape Expedition’, from 37 m (20 fathoms), Perseverance Harbour, Campbell Island / Motu Ihupuku, New Zealand.

Paratypes: MA71604, two specimens, from the type locality.

Current name: *Subonoba oliveri* Powell, 1955 – Spencer *et al.* (2018).

***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), off the entrance to Rangaunu Harbour, Rangaunu Bay, Northland, New Zealand.

Paratype: MA71472, one specimen, collected from the type locality.

Current name: *Subonoba parvula* Powell, 1931 – Spencer *et al.* (2018).

***Subonoba paucicostata* Powell, 1931**

Powell, A.W.B., 1931b, p. 375, pl. 51, fig. 3.

Holotype: CM M2849

Paratypes: MA72359, six specimens, collected from the type locality, from 91 m (50 fathoms), off the Bounty Islands, New Zealand.

Current name: *Subonoba paucicostata* Powell, 1931 – Spencer *et al.* (2018).

***Subonoba sorenseni* Powell, 1955**

Powell, A.W.B., 1955, pp. 76, 77, pl. 2, fig. 11 (holotype).

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 – Spencer *et al.* (2018).

***Subonoba tenuistriata* Powell, 1933**

Powell, A.W.B., 1933c, p. 235, text fig. 4 (holotype).

Holotype: MONZ M.001679

Paratype: MA72366*, collected from the type locality by J. Bollons, from 174 m (95 fathoms), 23 km (14 miles) north of Auckland Islands, New Zealand.

Remarks: MA72366 has not been found since 1993.

Current name: *Subonoba tenuistriata* Powell, 1933 – Spencer *et al.* (2018).

Family RISSOINIDAE***Rissoina achatinoides* Powell, 1937**

Powell, A.W.B., 1937, p. 202, pl. 53, fig. 7 (holotype).

Holotype: NHM 19621030

Paratypes: MA72255, three specimens, collected by A.W.B. Powell on 16 August 1932 from the type locality, station 930, R.R.S. Discovery II cruise, in 29 m off Waikuku Beach, Northland, New Zealand.

Current name: *Rissoina achatinoides* Powell, 1937 – Spencer *et al.* (2018).

***Rissoina anguina* Finlay, 1926**

Finlay, H.J., 1926b, p. 379, pl. 19, fig. 39 (holotype), fig. 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 – Spencer *et al.* (2018).

***Rissoina aupouria* Powell, 1937**

Powell, A.W.B., 1937, pp. 201, 202, pl. 53, fig. 6 (holotype).

Holotype: NHM 19621018

Paratype: MA72256, one specimen, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatawhi / Three Kings Islands, New Zealand.

Current name: *Rissoina aupouria* Powell, 1937 – Spencer *et al.* (2018).

***Rissoina fictor* Finlay, 1930**

Finlay, H.J., 1930b, pp. 227, 228, pl. 45, fig. 38 (holotype).

Holotype: MA70675, collected from 69 m (38 fathoms), off Cuvier Island, New Zealand.

Current name: *Rissoina fictor* Finlay, 1930 – Spencer *et al.* (2018).

***Rissoina fucosa* Finlay, 1930**

Finlay, H.J., 1930b, p. 228, pl. 45, fig. 43 (holotype).

Holotype: MA70676, collected from 69 m (38 fathoms), off Cuvier Island, New Zealand.

Current name: *Rissoina fucosa* Finlay, 1930 – Spencer *et al.* (2018).

***Rissoina larochei* Finlay, 1930**

Finlay, H.J., 1930b, p. 227, not figured.

Holotype: MA70677, **Figure 1i**, dredged by W. La Roche, from 22 m (12 fathoms), Doubtless Bay, Northland, New Zealand.

Paratype: MA72577, one specimen, from the type locality.

Current name: *Rissoina larochei* Finlay, 1930 – Spencer *et al.* (2018).

***Rissoina manawatawhia* Powell, 1937**

Powell, A.W.B., 1937, pp. 202, 203, pl. 53, fig. 5 (holotype).

Holotype: NHM 19621031

Paratypes: MA72257, 11 specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 934, R.R.S. Discovery II cruise, in 92 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Rissoina manawatawhia* Powell, 1937 – Spencer *et al.* (2018).

***Rissoina powelli* Finlay, 1930**

Finlay, H.J., 1930b, p. 227, pl. 45, fig. 37 (holotype).

Holotype: MA70679, collected from 110 m (60 fathoms), off Poor Knights Islands, Northland, New Zealand.

Paratypes: MA72578, 13 specimens, from the type locality.

Current name: *Rissoina powelli* Finlay, 1930 – Spencer *et al.* (2018).

Family ZEBINIDAE***Rissoina porteri* Baker, Hanna & Strong, 1930**

Baker, F., *et al.*, 1930, p. 30, pl. 1, fig. 15 (holotype).

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 (2020).

Family APORRHAIIDAE**†*Drepanocheilus (Tulochilus) bensoni* Finlay & Marwick, 1937**

Finlay, H.J. & J. Marwick, 1937, p. 63, pl. 8, figs 3, 4 (holotype).

Holotype: MA70253, collected from the early Paleocene (lower Teurian) at Boulder Hill, near Dunedin, Otago,

New Zealand.

Current name: *Drepanocheilus (Tulochilus) bensoni* Finlay & Marwick, 1937 – Maxwell in: Spencer *et al.* (2009: 242).

Family STROMBIDAE***Euprotomus kiwi* Bozetti & Sargent, 2011**

Bozetti, L. & Sargent, D.M., 2011, pp. 23–27, pl. 1, (holotype and paratype), fig. 1.

Holotype: MA73377, collected from Raoul Island, Kermadec Islands, New Zealand.

Paratype: MA73378, one specimen, collected by F.J. Brook, June 1991, from 15m, on gravel, west side of Meyer Island, Kermadec Islands, New Zealand.

Current name: *Euprotomus vomer* (Röding, 1798) – Spencer *et al.* (2018).

***Strombus (Dolomena) kleckhamae* Cernohorsky, 1971**

Cernohorsky, W.O., 1971b, pp. 131–133, figs 1, 1a (holotype), figs 2, 3 (paratypes).

Holotype: MA71326, in pumice bank, 3 m (10 ft) above sealevel, 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, Rabaul, Papua New Guinea.

Current name: *Barneystrombus kleckhamae* (Cernohorsky, 1971) – MolluscaBase (2020).

Family STRUTHIOLARIIDAE**†*Conchothyra expedita* Finlay & Marwick, 1937**

Finlay, H.J. & J. Marwick, 1937, p. 65, pl. 8, figs 1, 2 (holotype).

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 & Raine (2009).

†*Pellicaria marwicki* Finlay, 1931

Finlay, H.J., 1931a, pp. 17, 18, not figured.

Holotype: MA70613, **Figures 1j, k**, collected from the Pliocene Dry Creek Sands, at 122–152 m (400–500 ft) depth, Abattoirs Bore, Adelaide, South Australia, Australia.

Paratypes: MA72595, six specimens, collected from the type locality.

Current name: *Tylospira marwicki* (Finlay, 1931) – Darragh (1991: 162 ff.).

†*Struthiolaria calcar* 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, **Figures 1l, m**, from the early Miocene (Altonian) of the Mount Harris Formation near Ardgowan, northwest of Oamaru, Otago, New Zealand.

Current name: *Struthiolaria calcar* Hutton, 1886 – Beu & Raine (2009).

†*Struthiolaria firthi* Marwick, 1948

Marwick, J., 1948, p. 29, pl. 6, figs 2, 3 (holotype).

Holotype: GNS TM1260

Paratype: MA30020, one specimen, collected from the late Pliocene (Waipipian) of the Kaawa Formation 25–30 m (84–98 ft) below the surface in the Waitemata Brewery well, Otahuhu, Auckland, New Zealand.

Current name: *Struthiolaria firthi* Marwick, 1948 – Maxwell in: Spencer *et al.* (2009: 242).

†*Struthiolaria lawsi* Powell & Bartrum, 1929

Powell, A.W.B. & J.A. Bartrum, 1929, pp. 421, 422, pl. 35, figs 9, 11 (holotype), fig. 10 (paratype).

Holotype: MA72146, 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).

†*Struthiolaria prior* Finlay, 1926

Finlay, H.J., 1926a, p. 228, pl. 56, fig. 17 (holotype).

Holotype: MA70738, collected from the late Oligocene (Duntroonian) Chatton Formation, Waikaia, Southland, New Zealand.

Paratype: MA71657, one specimen, from the type locality.

Remarks: Beu & 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 (1926b, 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 & Raine (2009).

†*Struthiolaria (Callusaria) otaioica* Laws, 1935

Laws, C.R., 1935c, pp. 41, 42, pl. 7, fig. 27 (holotype).

Holotype: MA70737, from 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).

†*Struthiolaria (Pellicaria) incrassata* Powell, 1931

Powell, A.W.B., 1931a, pp. 101, 102, pl. 13, figs 30, 33 (paratypes).

Holotype: MA70736, collected by A.W.B. Powell in January 1931 from from 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 & Raine (2009).

Family CASSIDAE

†*Euspinacassis emilyae* Laws, 1932

Laws, C.R., 1932, pp. 189, 190, pl. 28, fig. 14, 15 (holotype).

Holotype: MA70303, from the early Miocene (Altonian) of the Mount Harris Formation near Ardgowan, northwest of Oamaru, Otago, New Zealand.

Current name: *Echinophoria emilyae* (Laws, 1932) – Maxwell in: Spencer *et al.* (2009: 244).

†*Euspinacassis multinodosa* Powell, 1928

Powell, A.W.B., 1928b, pp. 634, 635, pl. 76, fig. 31 (holotype), fig. 30 (paratype).

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 & Raine (2009).

†*Euspinacassis oneroaensis* Powell, 1938

Powell, A.W.B., 1938a, p. 374, pl. 39, fig. 10, 11 (holotype).

Holotype: MA72062, 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).

†*Euspinacassis pollens* Finlay, 1926

Finlay, H.J., 1926a, p. 230, pl. 55, fig. 11 (holotype), figs 10, 12 (paratypes).

Holotype: MA70304, 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 & Raine (2009).

†*Taieria allani* Finlay & Marwick, 1937

Finlay, H.J. & J. Marwick, 1937, p. 68, pl. 9, figs 17, 20 (holotype), fig. 19 (paratype).

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 & Raine (2009).

Xenogalea collectea Finlay, 1928

Finlay, H.J., 1928, pp. 246 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); Spencer *et al.* (2018).

***Xenogalea finlayi* Iredale, 1927**

Iredale, T. 1927, p. 342, figured in Finlay, 1924c, p. 525, pl. 52, figs 3a, b, c.

Holotype: MA70852, trawled from 37 m (20 fathoms), between Otago Heads [Taiaroa Head] and Waikouaiti, Otago, New Zealand.

Current name: *Semicassis pyrum* (Lamarck, 1822) – Powell (1979: 160).

***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), off Whakatane, Bay of Plenty, New Zealand.

Current name: *Semicassis pyrum* (Lamarck, 1822) – Powell (1979: 159).

***Xenophalium ericanum* Powell, 1928**

Powell, A.W.B., 1928b, pp. 639, 640, pl. 75, fig. 29 (holotype).

Holotype: MA72168, collected by E. Sanderson, from 46 m (25 fathoms), off Te Whatu/Berghan Point, Northland, New Zealand.

Current name: *Semicassis royana* (Iredale, 1914) – Spencer *et al.* (2018).

***Xenophalium hamiltoni* Powell, 1928**

Powell, A.W.B., 1928b, p. 639, pl. 75, fig. 26 (holotype), fig. 25 (holotype).

Holotype: MONZ M.001697

Paratypes: MA71419, three specimens, collected from the type locality by H. Hamilton from the S. T. [Steam Trawler] *Futurist*, in July 1925, from 110 m (60 fathoms) off Cape Campbell, Marlborough, New Zealand.

Current name: *Semicassis pyrum* (Lamarck, 1822) – Spencer *et al.* (2018).

***Xenophalium harrisonae* Powell, 1928**

Powell, A.W.B., 1928b, p. 640, pl. 75, fig. 27 (holotype), fig. 28 (paratype).

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).

†*Xenophalium toreuma* Powell, 1928

Powell, A.W.B., 1928b, p. 636, pl. 76, figs 33, 34 (holotype).

Holotype: MA72170, from 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).

***Xenophalium (Xenogalea) abernethyi* Dell, 1956**

Dell, R.K., 1956, pp. 87, 88, pl. 12, fig. 122 (holotype), fig. 119.

Holotype: MONZ M.009752

Paratype: MA72750, one specimen, collected from the type locality by F. Abernethy, in October 1953, from 73 m (40 fathoms), off Castlepoint, Wairarapa, New Zealand.

Current name: *Semicassis pyrum* (Lamarck, 1822) – Powell (1979: 159).

***Xenophalium (Xenogalea) matai* Powell, 1952**

Powell, A.W.B., 1952, p. 178, pl. 35, fig. 6 (holotype).

Holotype: MA71187, collected by A.W.B. Powell in November 1934, from intertidal mudflat, Beach Harbour, Breaksea Sound, Fiordland [Southland], New Zealand.

Paratype: MA71440, one specimen, from the type locality.

Current name: *Semicassis pyrum* (Lamarck, 1822) – Spencer *et al.* (2018).

Family CHARONIIDAE

***Charonia capax* Finlay, 1926**

Finlay, H.J., 1926b, pp. 397, 398, pl. 20, fig. 67 (holotype).

Holotype: MA70138, collected from 37 m (20 fathoms), off Otago Heads [Taiaroa] Head, Otago, New Zealand.

Current name: *Charonia lampas* (Linnaeus, 1758) – Spencer *et al.* (2018).

***Charonia capax euclioides* Finlay, 1926**

Finlay, H.J., 1926b, p. 398, pl. 20, fig. 68 (holotype).

Holotype: MA70139, collected from 73 m (40 fathoms), off Otago Heads [Taiaroa Head], Otago, New Zealand.

Current name: *Charonia lampas* (Linnaeus, 1758) – Spencer *et al.* (2018).

Family CYMATIIDAE

†*Austrotriton cyphoides* Finlay, 1924

Finlay, H.J., 1924a, pp. 455, 456, pl. 51, figs 3a, 3b (holotype).

Holotype: MA70083, collected from late Eocene (Kaiatan), Waiareka Volcanics, 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 & 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: *Austrosassia cyphoides* (Finlay, 1924) – Strong *et al.* (2019: 30).

†*Austrotriton maorium* Finlay, 1924

Finlay, H.J., 1924a, p. 453, pl. 48, figs 1a, b (holotype), figs 2a, b, c, 3a, b (paratypes), pl. 51, fig. 4 (paratype).

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 early Miocene (Altonian) Long Beach Shellbed, [Finlay's bed 6B (for correlation see Fleming *et al.*, 1969)], Clifden, Southland, New Zealand.

Current name: *Austrosassia maoria* (Finlay, 1924) – Strong *et al.* (2019: 30).

†*Austrotriton maorium insignitum* Finlay, 1924

Finlay, H.J., 1924a, p. 454, pl. 51, fig. 5 (holotype).

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: *Austrosassia maoria* (Finlay, 1924) – Strong *et al.* (2019: 30).

†*Cabestana debilior* Finlay, 1930

Finlay, H.J., 1930a, p. 59, pl. 3, fig. 31 (holotype).

Holotype: MA70126, collected from the Pleistocene (Castlecliffian) at Castlecliff, Whanganui, New Zealand.

Current name: *Cabestana tabulata* (Menke, 1843) – Beu & Raine (2009).

Cabestana otagoensis Powell, 1954

Powell, A.W.B., 1954a, pp. 236, 237, pl. 39, fig. 1 (holotype).

Holotype: MA71198, collected by J. Black, from 82 m (45 fathoms), 16 km (10 miles) north of Moeraki, Otago, New Zealand.

Current name: *Cabestana tabulata* (Menke, 1843) – Beu & Raine (2009).

Cabestana waterhousei segregata Powell, 1933

Powell, A.W.B., 1933d, pp. 156, 157, pl. 23, fig. 3 (holotype).

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 & Raine (2009).

†*Charonia clifdenensis* Finlay, 1924

Finlay, H.J., 1924a, pp. 460, 461, pl. 48, fig. 9a (holotype); figs 9b, 9c (paratypes).

Holotype: MA70140, 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: *Proxicharonia neozelanica* (P. Marshall & Murdoch, 1923) – Beu & Raine (2009); Strong *et al.* (2019: 30).

†*Charonia (Charoniella) arthritica* Powell & Bartrum, 1929

Powell, A.W.B. & J.A. Bartrum, 1929, pp. 427, 428, pl. 34, figs 1, 2 (holotype).

Holotype: MA72041, 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: *Proxicharonia arthritica* (Powell & Bartrum, 1929) – Strong *et al.* (2019: 30).

†*Cymatium decagonium* Finlay, 1924

Finlay, H.J., 1924a, p. 460, pl. 48, fig. 4 (holotype).

Holotype: MA71288, collected from the middle Eocene (Bortonian) Waihao Greensand at Waihao Downs, south Canterbury, New Zealand.

Current name: *Sassia decagonia* (Finlay, 1924) – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2020).

†*Cymatium octoserratum* Finlay, 1924

Finlay, H.J., 1924a, p. 459, pl. 48, figs 6a, 6b (holotype).

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 (2020).

†*Cymatium sculpturatum* Finlay, 1924

Finlay, H.J., 1924a, pp. 458, 459, pl. 48, fig. 7 (holotype).

Holotype: MA70237, collected from late Eocene (Kaiatan), Waiareka Volcanics, Lorne [Whitstone, near the disused railway station], Otago, New Zealand.

Paratypes: MA73475, seven specimens, from the type locality.

Remarks: See entry for MA70083.

Current name: *Haurokoa marwicki* (Finlay, 1924) – Beu & Raine (2009).

Fusitriton laudandum Finlay, 1926

Finlay, H.J., 1926b, p. 399, pl. 20, fig. 65 (holotype).

Holotype: MA70333, collected from 73 m (40 fathoms), off Otago Heads [Taiaroa Head], Otago, New Zealand.

Current name: *Fusitriton laudandus* Finlay, 1926 – MolluscaBase (2020).

†*Mayena bartrumi* Powell, 1938

Powell, A.W.B., 1938a, pp. 372, 373, pl. 39, fig. 12 (holotype).

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).

***Proxicharonia palmeri* Powell, 1967**

Powell, A.W.B. 1967, pp. 188, 189, pl. 36, figs 11, 12 (holotype).

Holotype: MA71300, collected by W. Palmer from 43 m (140 ft), 800 m (1 mile), north of Northern Reef, Poor Knights Islands, Northland, New Zealand.

Current name: *Proxicharonia palmeri* Powell, 1967 – Strong *et al.* (2019: 30).

Family RANELLIDAE**†*Cymatium kaiparaense* Finlay, 1924**

Finlay, H.J., 1924a, pp. 457, 458, pl. 48, fig. 8 (holotype).

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).

***Mayena australasia blacki* Powell, 1954**

Powell, A.W.B., 1954a, p. 237, pl. 39, fig. 2 (holotype).

Holotype: MA71199, collected by J. Black, from 110–128 m (60–70 fathoms), off eastern Otago, New Zealand.

Paratypes: MA71431, two specimens, from the type locality.

Current name: *Ranella australasia* (Perry, 1811) – Spencer *et al.* (2018).

***Mayena australasia vossi* Powell, 1952**

Powell, A.W.B., 1952, pp. 176, 177, pl. 35, fig. 4 (holotype).

Holotype: MA71186, collected by A.S. Voss on 27 April 1948, from 128 m (70 fathoms), 13 km (8 miles) east of Mayor Island, Bay of Plenty, New Zealand.

Current name: *Ranella australasia* (Perry, 1811) – Spencer *et al.* (2018).

***Mayena multinodosa* Bucknill, 1927**

Bucknill, C.E.R. 1927, p. 312, fig. 2 (holotype).

Holotype: MA70452, collected by E. Sanderson, from cray-fish pots, in 46 m (25 fathoms), Cavalli Islands, Northland, New Zealand.

Current name: *Ranella olearium* (Linnaeus, 1758) – Powell (1979:167); MolluscaBase (2020).

***Mayena zelandica* Finlay, 1926**

Finlay, H.J., 1926b, p. 400, pl. 20, fig. 66 (holotype).

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 (2020).

Family TONNIDAE***Tonna maoria* Powell, 1938**

Powell, A.W.B., 1938c, 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).

Family ANABATHRIDAE***Epigrus striatus* Powell, 1927**

Powell, A.W.B., 1927a, p. 545, pl. 28, fig. 16.

Holotype: MA72056, collected by W. La Roche in 1922, from 10–18 m (6–10 fathoms), 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 (2020).

***Estea angustata* Powell, 1927**

Powell, A.W.B., 1927a, pp. 543, 544, pl. 28, fig. 10.

Holotype: MA72058, collected by W. La Roche in 1922, from 10–18 m (6–10 fathoms), off Mangonui Heads [Mangonui Harbour], Doubtless Bay, Northland, New Zealand.

Paratypes: MA71525, two specimens, from the type locality.

Current name: *Pisinna angustata* (Powell, 1927) – Spencer *et al.* (2018).

***Estea guesti* Powell, 1933**

Powell, A.W.B., 1933a, p. 200, pl. 35, fig. 5 (holotype).

Holotype: MA70277, collected by A.W.B. Powell in February 1933, from shell sand, Waitangi, Chatham Islands, New Zealand.

Current name: *Pisinna subfusca* (Hutton, 1873) – Spencer *et al.* (2018); MolluscaBase (2020).

***Estea hipkinsi* Ponder, 1965**

Ponder, W.F., 1965c, p. 136, pl. 21, fig. 9 (holotype).

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 was collected by I. Worthy in 1949, the other by R.S. Bird in June 1951.

Current name: *Pisinna hipkinsi* (Ponder, 1965) – Spencer *et al.* (2018).

***Estea juddi* Ponder, 1968**

Ponder, W.F., 1968, p. 116, text fig. E

Holotype: MONZ M.021741

Paratype: MA72791, one specimen, collected by W. Judd, in 37 m (120 feet) off Whakaari/White Island, Bay of Plenty, New Zealand.

Current name: *Pisinna juddi* (Ponder, 1968) – Spencer *et al.* (2018).

***Estea manawatawhia* Powell, 1937**

Powell, A.W.B., 1937, p. 198, pl. 53, fig. 3 (holotype).

Holotype: NHM 19621017

Paratypes: MA72265, nine specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatawhi / Three Kings Islands, New Zealand.

Current name: *Pisinna manawatawhia* (Powell, 1937) – Spencer *et al.* (2018).

***Estea morioria* Powell, 1933**

Powell, A.W.B., 1933a, pp. 200, 201, pl. 35, fig. 6 (holotype).

Holotype: MA70278, collected by A.W.B. Powell and/or C.A. Fleming in February 1933, from 18 m (10 fathoms) off Owenga Beach, Chatham Islands, New Zealand.

Remarks: Specimen damaged by glass disease.

Current name: *Pisinna micronema morioria* (Powell, 1933) – Spencer *et al.* (2018).

***Estea porrecta* Powell, 1933**

Powell, A.W.B., 1933a, p. 201, pl. 35, fig. 8 (holotype).

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) – Spencer *et al.* (2018).

***Estea porrectoides* Powell, 1937**

Powell, A.W.B., 1937, p. 197, pl. 53, fig. 1 (holotype).

Holotype: NHM 19621014

Paratypes: MA72253, six specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Pisinna insulana porrectoides* (Powell, 1937) – Spencer *et al.* (2018).

***Estea praecidecosta* Ponder, 1965**

Ponder, W.F., 1965c, pp. 144, 145, pl. 21. Fig. 8 (holotype).

Holotype: NIWA 455.

Paratype: MA72840, one specimen, collected by staff of the New Zealand Oceanographic Institute from the type locality, N.Z.O.I. Station C.760, on 18 February 1962, from bryozoan substrate in 80 m (44 fathoms), off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Pisinna praecidecosta* (Ponder, 1965) – Spencer *et al.* (2018).

***Estea rekohuana* Powell, 1933**

Powell, A.W.B., 1933a, 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*, from the type locality.

Remarks: MA73190 has not been found since 2002.

Current name: *Pisinna rekohuana rekohuana* (Powell, 1933) – Spencer *et al.* (2018).

***Estea rekohuana lactorubra* Ponder, 1965**

Ponder, W.F., 1965c, pp. 147, 148, pl. 18, fig. 11 (holotype); pl. 17, figs 10, 11.

Holotype: MA71271, collected by W.F. Ponder on 6 May 1962, from under stones embedded in sand in rockpools at low tide, Smugglers Bay, Whangarei Heads, Northland, New Zealand.

Paratypes: MA72839, 34 specimens, from the type locality.

Current name: *Pisinna rekohuana lactorubra* (Ponder, 1965) – Spencer *et al.* (2018).

***Estea rufoapicata latior* Dell, 1956**

Dell, R.K., 1956, p. 63, pl. 9, fig. 82 (holotype).

Holotype: MONZ M.009083

Paratypes: MA72761, two specimens, collected by E.J. Batham, on board the M.V. Alert, from the type locality, on 16 August 1955, from 549 m (300 fathoms), Canyon C [Taiaroa Canyon], Otago, New Zealand.

Current name: *Pisinna rufoapicata* (Suter, 1908) – Spencer *et al.* (2018).

***Estea rugosa recens* Ponder, 1968**

Ponder, W.F., 1968, p. 116, text fig. D.

Holotype: MONZ M.021749

Paratype: MA72973, one specimen, collected by K. Hipkins, from the type locality, 59 m (32 fathoms) off the Karikari Peninsula, Northland, New Zealand.

Current name: *Pisinna rugosa recens* (Ponder, 1968) – Spencer *et al.* (2018).

***Estea sculpturata* Dell, 1956**

Dell, R.K., 1956, pp. 63, 64, pl. 9, fig. 81 (holotype).

Holotype: MONZ M.009088

Paratype: MA72790, one specimen, collected by E.J. Batham, on board the M.V. Alert, from the type locality, on 16 August 1955, from 549 m (300 fathoms), Canyon C [Taiaroa Canyon], Otago, New Zealand.

Current name: *Pisinna micronema micronema* (Suter, 1898) – Powell (1979: 102); Spencer *et al.* (2018).

***Estea semiplicata* Powell, 1927**

Powell, A.W.B., 1927a, 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) – Spencer *et al.* (2018).

***Estea subrufa* Powell, 1937**

Powell, A.W.B., 1937, p. 197, pl. 53, fig. 2 (holotype).

Holotype: NHM 19621016

Paratypes: MA72264, 15 specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Pisinna subrufa* (Powell, 1937) – Spencer *et al.* (2018).

†*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, Pleistocene (Castlecliffian) at Castlecliff, 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 *H. mixta* to be conspecific with *Estea* [*Pisinna*] *impressa* and so did not select a neotype.

Current name: *Pisinna impressa* (Hutton, 1885) – MolluscaBase (2020)

***Notoscrobs ornata* Powell, 1927**

Powell, A.W.B., 1927a, p. 548, pl. 28, fig. 19.

Holotype: MA72106, dredged by W. La Roche in 1924, from 9–11 m, (5–6 fathoms), 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) – Spencer *et al.* (2018).

***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: *Pisina impressa* (Hutton, 1885) – Powell (1979: 101); MolluscaBase (2020).

***Rissoia zosterophila* Webster, 1905**

Webster, W.H., 1905, pp. 277, 278, figs 5a, b.

Syntypes: MA70671, two specimens, collected from Devonport, Auckland, New Zealand.

Current name: *Pisina zosterophila* (Webster, 1905) – Spencer *et al.* (2018).

***Scrobs crassiconus* Powell, 1933**

Powell, A.W.B., 1933e, p. 196, pl. 16, fig. 4 (holotype).

Holotype: MA72134, collected by A.W.B. Powell in January 1924, from 9–11 m (5–6 fathoms) Tryphena Bay, Aotea/Great Barrier Island, New Zealand.

Current name: *Pseudestea crassiconus* (Powell, 1933) – Spencer *et al.* (2018).

***Scrobs elongata* Powell, 1927**

Powell, A.W.B., 1927a, p. 547, pl. 28, fig. 14.

Holotype: MA72135, dredged by W. La Roche in 1922, from 22 m (12 fathoms), 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) – Spencer *et al.* (2018).

***Scrobs excelsus* Powell, 1933**

Powell, A.W.B., 1933e, p. 196, pl. 16, fig. 5 (holotype).

Holotype: MA70703, dredged by W. La Roche in 1922, from 22 m (12 fathoms), Rangaunu Harbour, Rangaunu Bay, Northland, New Zealand.

Paratypes: MA71426, 11 specimens, from the type locality.

Current name: *Anabathron* (*Scrobs*) *excelsum* (Powell, 1933) – Spencer *et al.* (2018).

***Scrobs hedleyi angulata* Powell, 1927**

Powell, A.W.B., 1927a, p. 546, pl. 28, fig. 15.

Holotype: MA72136, dredged by W. La Roche, from 11–18 m (6–10 fathoms), off the entrance to Mangonui Heads [Mangonui Harbour], Doubtless Bay, Northland, New Zealand.

Paratypes: MA73213, 18 specimens, from the type locality.

Current name: *Anabathron* (*Scrobs*) *angulatum* (Powell, 1927) – Spencer *et al.* (2018).

†*Scrobs kaawaensis* Laws, 1936

Laws, C.R., 1936, p. 107, pl. 16, fig. 62.

Holotype: MA70704, collected from the early Pliocene (Opoitian) of the Kaawa Formation at Kaawa Creek, south of Port Waikato, Waikato, New Zealand.

Current name: *Anabathron* (*Scrobs*) *kaawaensis* (Laws, 1936) – Maxwell in: Spencer *et al.* (2009: 241).

***Scrobs ovata* Powell, 1927**

Powell, A.W.B., 1927a, p. 546, pl. 28, fig. 20.

Holotype: MA72137, dredged by W. La Roche in 1922, from 22 m (12 fathoms), Rangaunu Harbour, Rangaunu Bay, Northland, New Zealand.

Paratypes: MA71526, 17 specimens, from the type locality.

Current name: *Anabathron* (*Scrobs*) *ovatum* (Powell, 1927) – Spencer *et al.* (2018).

***Scrobs trailli* Powell, 1939**

Powell, A.W.B., 1939, pp. 233, 234, pl. 49, fig. 4 (holotype).

Holotype: MA72138, collected from shell sand, Mason Bay, Stewart Island / Rakiura, New Zealand.

Current name: *Anabathron* (*Scrobs*) *trailli* (Powell, 1939) – Spencer *et al.* (2018).

***Scrobs* (*Nannoscrobs*) *rugulosa* Powell, 1930**

Powell, A.W.B., 1930b, pp. 542, 543, pl. 88, fig. 19 (holotype).

Holotype: MA70705, dredged by A.W.B. Powell in 1924, from 9–11 m (5–6 fathoms), Tryphena Bay, Aotea/Great Barrier Island, New Zealand.

Paratypes: MA71459, 17 specimens, from the type locality.

Current name: *Anabathron* (*Scrobs*) *rugulosum* (Powell, 1930) – Spencer *et al.* (2018).

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: *Assiminea vulgaris* (Webster, 1905) – MolluscaBase (2020).

***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, from the type locality, under decaying *Zostera*, near high-water mark, Rangitoto, 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 with these.

Current name: *Assiminea vulgaris* (Webster, 1905) – Powell (1979: 125); MolluscaBase (2020).

Family CAECIDAE

†*Strebloceras hinemoa* Finlay, 1931

Finlay, H.J., 1931b, pp. 21, 22, text fig. 1 (holotype).

Syntypes: MA70730, two specimens, collected from early Miocene (Altonian) Mount Harris Formation at Pukeuri (near Oamaru), Otago, New Zealand.

Current name: *Strebloceras hinemoa* Finlay, 1931 – MolluscaBase (2020).

Family ELACHISINIDAE

†*Dolicrossea awamoana* Finlay, 1930

Finlay, H.J., 1930a, pp. 55, 56, pl. 1, fig. 10 (holotype).

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).

†*Dolicrossea clifdenensis* Finlay, 1930

Finlay, H.J., 1930a, p. 56, pl. 3, fig. 26 (holotype), fig. 25 (paratype).

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).

Dolicrossea vesca Finlay, 1926

Finlay, H.J., 1926b, p. 403, pl. 19, fig. 32 (holotype).

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).

Laevilitorina 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) – Spencer *et al.* (2018).

Family IRAVADIIDAE

Dipsotoma inflata Ponder, 1967

Ponder, W.F. 1967, p. 211, pl. 9, fig. 1 (holotype).

Holotype: MA72968, collected from Taupo Bay, Whangaroa, Northland, New Zealand.

Paratype: MA72969, one specimen, from the type locality.

Current name: *Pseudonoba inflata* (Ponder, 1967) – Spencer *et al.* (2018); MolluscaBase (2019).

†*Epigrus fossilis* Finlay, 1924

Finlay, H.J., 1924b, p. 489, fig. 10.

Holotype: MA70267, 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).

†*Nozeba candida* Finlay, 1924

Finlay, H.J., 1924b, pp. 490, 491, fig. 12.

Holotype: MA70548, 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).

†*Nozeba candida effusa* Finlay, 1924

Finlay, H.J., 1924b, p. 491, not figured.

Syntypes: MA70549, **Figures 2a, b**, two specimens, from the early Miocene (Altonian) of the Mount Harris Formation near Pukeuri (near Oamaru), Otago, New Zealand.

Remarks: Finlay (1924a) 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 & Maxwell (1990: 382).

Nozeba mica Finlay, 1930

Finlay, H.J., 1930b, pp. 229, 230, not figured.

Holotype: MA70550, **Figure 2c**, collected from 46 m (25 fathoms), off Hen and Chickens Islands, Northland, New Zealand.

Paratypes: MA72579, four specimens, from the type locality.

Current name: *Nozeba mica* Finlay, 1930 – Spencer *et al.* (2018).

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), Orua Bay, Manukau Harbour, Auckland, New Zealand.

Paratypes: MA71966, five specimens, from the type locality.

Current name: *Nozeba emarginata* (Hutton, 1885) – Powell (1979: 110); Spencer *et al.* (2018).

Family TATEIDAE

Catapyrgus fraterculus Haase, 2008

Haase, M., 2008, pp. 136, 137, figs 8B, 11L, M.

Holotype: MONZ 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 spelaus* Climo, 1974. MA73048 originally contained six paratypes of *C. spelaus* as allocated by Climo (1974). Three of these were retained by Haase (2008) as *C. spelaus* while he designated three specimens as *C. fraterculus*. Haase (2008: 136) published these as “AK[MA]73048 (2 *C. spelaus*, 3 *C. fraterculus* sp. nov. → AK[MA]73257)”. However, hand-written 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. spelaus*.

Current name: *Catapyrgus fraterculus* Haase, 2008 – Spencer *et al.* (2018).

***Catapyrgus sororius* Haase, 2008**

Haase, M., 2008, pp. 137–139, figs 8C, 11N.

Holotype: MONZ M.174165

Paratypes: MA73046, six specimens, collected by G. Kuschel on 26 June 1973, from Ida Cave, Oparara River valley, Karamea, Buller, West Coast, New Zealand.

Remarks: These are also paratypes of *C. spelaus* Climo, 1974 (see Haase (2008: 137)).

Current name: *Catapyrgus sororius* Haase, 2008 (five specimens); *Catapyrgus spelaus* Climo, 1974 (one specimen) – Haase (2008: 136, 137).

***Catapyrgus spelaus* Climo, 1974**

Climo, F.M., 1974, pp. 267, 268, figs 10A–I (F holotype), 14N, 15D.

Holotype: MONZ M.032459

Paratypes: MA73046, six specimens, collected by G. Kuschel on 26 June 1973, from Ida Cave, Oparara River valley, Karamea, Buller, West Coast, New Zealand.

Current name: *Catapyrgus sororius* Haase, 2008 (five specimens); *Catapyrgus spelaus* 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 spelaus* Climo, 1974 – Haase (2008: 136).

***Hadopyrgus anops* Climo, 1974**

Climo, F.M., 1974, pp. 263, 264, figs 8A–M (A holotype), 10J, 15C.

Holotype: MONZ 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 was destroyed by glass disease.

Current name: *Hadopyrgus anops* Climo, 1974 – Spencer *et al.* (2018).

***Hadopyrgus brevis* Climo, 1974**

Climo, F.M., 1974, pp. 265, 266, figs 9N–U (N holotype), 10K, 15G.

Holotype: MONZ 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 – Spencer *et al.* (2018).

***Hadopyrgus expositus* Haase, 2008**

Haase, M., 2008, pp. 133, 134, fig. 7Q, fig. 11I.

Holotype: MA73256, collected by F.W. Worley in 1897, from ‘Maitai Valley and Tasman Hills’, Nelson, New Zealand.

Paratypes: MA96942, 222 specimens; MA96073, 61 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 – Spencer *et al.* (2018).

***Kuschelita mica* Climo, 1974**

Climo, F.M., 1974, p. 266, figs 4, 9C–M (C holotype), 10L–N, 15E.

Holotype: MONZ 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 – Spencer *et al.* (2018).

***Opacuincola caeca* Ponder, 1966**

Ponder, W.F., 1966b, pp. 35–37, pl. 4, fig. 1 (holotype), figs 2–4.

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, 10 specimens, from the type locality.

Current name: *Opacuincola caeca* Ponder, 1966 – Spencer *et al.* (2018).

***Opacuincola kuscheli* Climo, 1974**

Climo, F.M., 1974, pp. 269, 270, figs 12A–F, 14E, 15F.

Holotype: MONZ 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: *Opacuicola kuscheli* Climo, 1974 – Haase (2008: 118).

Paratypes: MA73045, five specimens, collected by G. Kuschel on 26 Jun 1973, from Ida Cave, Oparara River valley, Karamea, Buller, West Coast, New Zealand.

Current name: *Opacuicola 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: *Opacuicola cervicesmadentes* Haase, 2008 – Haase (2008: 118).

Paratypes: MA73255, three specimens split from MA73045, collected by G. Kuschel on 26 June 1973, from Ida Cave, Oparara River valley, Karamea, Buller, West Coast, New Zealand.

Current name: *Opacuicola conosimilis* Haase, 2008 – Haase (2008: 118).

***Opacuicola troglodytes* Climo, 1974**

Climo, F.M., 1974, p. 269, figs 12G–H (G holotype).

Holotype: MONZ M.032446

Paratypes: MA73042, five specimens, collected from the type locality, by Mr Taylor in 1971, soda spring, off Wairoma Road, Aria, King Country, New Zealand.

Remarks: Climo (1974) gives the source as N. 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 MONZ as Motukaramu Soda Spring (see also MapsPast 1929 series).

Current name: *Potamopyrgus troglodytes* (Climo, 1974) – Spencer *et al.* (2018).

***Paxillostium nanum* 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* Gardner, 1970 – Spencer *et al.* (2018).

***Potamopyrgus cresswelli* Climo, 1974**

Climo, F.M., 1974, pp. 260, 261, figs 7A–C (A holotype), 14F, G, 15B.

Holotype: MONZ M.032562

Paratypes: MA73032, 10 specimens, collected from the type locality by P. Cresswell on 18 January 1970, 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) – Spencer *et al.* (2018).

***Potamopyrgus dawbini* Powell, 1955**

Powell, A.W.B., 1955, p. 90, pl. 3, fig. 28 (holotype).

Holotype: MA71225, collected by W.H. Dawbin on

March 1943, during the ‘Cape Expedition’, Coleridge Tarn, Auckland Islands, New Zealand.

Paratypes: MA71612, 13 specimens, collected from the type locality.

Current name: *Potamopyrgus dawbini* Powell, 1955 – Spencer *et al.* (2018).

***Potamopyrgus manningi* Climo 1974**

Climo, F.M., 1974, pp. 261, 262, figs 7D–N, 14I–M.

Holotype: MONZ M.032438

Paratypes: MA73033, three specimens, collected from the type locality by G. Manning in September 1971, from a dripping wet mossy bank, ‘Manning’s farm’, Waikaretu, Waikato, New Zealand.

Current name: *Leptopyrgus manningi* (Climo, 1974) – Spencer *et al.* (2018).

***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 (2020).

Family TORNIDAE

***Cochliolepis albiceratus* Ponder, 1966**

Ponder, W.F., 1966b, p. 38, pl. 5, fig. 5 (holotype), figs 6–8.

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 albiceratus* Ponder, 1966 – Spencer *et al.* (2018).

†*Elachorbis albolapis* Laws, 1930

Laws, C.R., 1930, pp. 549, 550, pl. 91, figs 10, 11 (holotype).

Holotype: MA70255, collected by C.R. Laws, from the early Miocene (Altonian) Southburn Sand at White Rock River, south Canterbury, New Zealand.

Current name: *Elachorbis albolapis* Laws, 1930 – Maxwell in: Spencer *et al.* (2009: 242).

***Elachorbis diaphana* Finlay, 1924**

Finlay, H.J., 1924c, p. 518, text fig. 1 (holotype).

Holotype: MA70256, collected from oyster scrapings, Bluff, Southland, New Zealand.

Current name: *Elachorbis diaphana* Finlay, 1924 – Spencer *et al.* (2018).

†*Elachorbis subedomita* Laws, 1936

Laws, C.R., 1936, p. 103, pl. 15, figs 52, 55 (holotype).

Holotype: MA70257, collected from the early Pliocene (Opoitian) of the Kaawa Formation at Kaawa Creek, south of Port Waikato, Waikato, New Zealand.

Paratypes: MA72695, four specimens, from the type locality.

Current name: *Elachorbis subedomita* Laws, 1936 – Maxwell in: Spencer *et al.* (2009: 242).

***Fossarus aupouria* Powell, 1937**

Powell, A.W.B., 1937, p. 190, pl. 49, figs 8, 9 (holotype).

Holotype: NHM 1962992

Paratypes: MA72283, four specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Tornus aupouria* (Powell, 1937) – Powell (1979: 121); Spencer *et al.* (2018).

***Fossarus maoria* Powell, 1937**

Powell, A.W.B., 1937, pp. 189, 190, pl. 49, fig. 12 (holotype).

Holotype: NHM 1962993

Paratype: MA72284, one specimen, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Tornus maoria* (Powell, 1937) – Powell (1979: 120); Spencer *et al.* (2018).

Family EULIMIDAE***Aclis maoria* Powell, 1937**

Powell, A.W.B., 1937, p. 209, pl. 56, fig. 12 (holotype).

Holotype: NHM 19621047

Paratype: MA72287, one specimen, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Aclis maoria* Powell, 1937 – Spencer *et al.* (2018).

***Aclis pseudopareora* Powell, 1940**

Powell, A.W.B., 1940, p. 236, pl. 31, fig. 6 (holotype).

Holotype: MA70005, dredged by W. La Roche, from 11 m (6 fathoms), off the entrance to Mangonui Harbour [Mangonui Heads], Doubtless Bay, Northland, New Zealand.

Current name: *Aclis pseudopareora* Powell, 1940 – Spencer *et al.* (2018).

***Awanuia dilatata* Powell, 1927**

Powell, A.W.B., 1927a, p. 539, pl. 26, fig 3.

Holotype: MA72014, dredged by W. La Roche, from 11–18 m (6–10 fathoms), 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 – Spencer *et al.* (2018).

***Awanuia porcellana* Ponder, 1967**

Ponder, W.F. 1967, pp. 201, 202, pl. 2, fig. 3 (holotype).

Holotype: MA72965, collected by W. F. Ponder, from shell sand, Te Hāwera-a-Maki / Goat Island Bay, Leigh, Auckland, New Zealand.

Current name: *Awanuia porcellana* Ponder, 1967 – Spencer *et al.* (2018).

†*Awanuia tenuis* Laws, 1936

Laws, C.R., 1936, p. 107, pl. 15, fig. 31 (holotype).

Holotype: MA70086, collected from the early Pliocene (Opoitian) of the Kaawa Formation at Kaawa Creek, 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).

***Balcis aupouria* Powell, 1937**

Powell, A.W.B., 1937, p. 211, pl. 54, fig. 10 (holotype).

Holotype: NHM 19621052

Paratypes: MA72292, three specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Curveulima aupouria* (Powell, 1937) – Powell (1979: 141); Spencer *et al.* (2018).

***Balcis bollonsi* Powell, 1937**

Powell, A.W.B., 1937, p. 211, pl. 54, figs 11, 12 (holotype).

Holotype: MA71919, collected by J. Bollons, from 137 m (75 fathoms) north of North Cape, Northland, New Zealand.

Current name: *Curveulima bollonsi* (Powell, 1937) – Powell (1979: 141); Spencer *et al.* (2018).

†*Balcis geoffreyi* Laws, 1936

Laws, C.R., 1936, p. 112, pl. 16, fig. 67 (holotype).

Holotype: MA70091, collected from the early Pliocene (Opoitian) of the Kaawa Formation at Kaawa Creek, 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).

***Balcis maoria* Powell, 1940**

Powell, A.W.B., 1940, p. 234, pl. 31, fig. 2 (holotype).

Holotype: MA70092, collected from beach drift, Cape Maria van Diemen, Northland, New Zealand.

Current name: *Melanella maoria* (Powell, 1940) – Spencer *et al.* (2018).

***Balcis pervegrandis* Powell, 1940**

Powell, A.W.B., 1940, pp. 233, 234, pl. 31, fig. 1 (holotype).

Holotype: MA72015, collected by A.W.B. Powell in July 1925 from 42 m (23 fathoms) off Ahipara, Northland, New Zealand.

Paratypes: MA71571, three specimens, from the type locality.

Remarks: The collecting date is given as July 1925 on the labels and in Powell (1940: 233) but as 1927 by Powell (1940: 218, station D.29).

Current name: *Hypermastus bulbulus* (Murdoch & Suter, 1906) – Powell (1979: 141); Spencer *et al.* (2018).

“*Balcis*” *puhana* Dell, 1956

Dell, R.K., 1956, p. 81, pl. 10, fig. 93 (holotype).

Holotype: M.009683.

Paratype: MA72745, one specimen, collected by E.J. Batham, on the MV Alert, on 16 August 1955, from 549 m (300 fathoms), Canyon C [Taiaroa Canyon], off Otago Peninsula, New Zealand.

Current name: *Melanella puhana* (Dell, 1956) – Spencer *et al.* (2018).

***Chileutomia neozelanica* Powell, 1940**

Powell, A.W.B., 1940, p. 235, pl. 31, fig. 5 (holotype).

Holotype: MA72047, collected by J. Bollons from 91 m (50 fathoms), between Piwhane / Spirits Bay and Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Chileutomia neozelanica* Powell, 1940 – Spencer *et al.* (2018).

***Coenaculum secundum* Powell, 1937**

Powell, A.W.B., 1937, pp. 198, 199, pl. 52, fig. 13 (holotype).

Holotype: NHM 19621018

Paratypes: MA72254, three specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Coenaculum secundum* Powell, 1937 – Spencer *et al.* (2018).

***Eulima archeyi* Finlay, 1928**

Finlay, H.J., 1928, p. 261, not figured.

Holotype: MA70288, **Figure 2d**, 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: Although label information does not explicitly confirm this, Finlay (1928) stated that most of the material on which the paper was based was collected by the *the Otago Institute party at the Chathams in the summer of 1924*.

Current name: *Melanella archeyi* (Finlay, 1928) – Spencer *et al.* (2018).

†*Eulima hampdenensis* Laws, 1935

Laws, C.R., 1935b, p. 25, pl. 4, fig. 5 (holotype).

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).

***Eulima mangonuica* Powell, 1940**

Powell, A.W.B., 1940, pp. 235, 236, pl. 31, figs 3, 4 (holotype).

Holotype: MA70290, dredged by W. La Roche, from 11 m (6 fathoms), 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); Spencer *et al.* (2018).

†*Eulima otaioensis* Laws, 1933

Laws, C.R., 1933, p. 323, pl. 32, fig. 25 (holotype).

Holotype: MA70291, collected by C.R. Laws from 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).

***Hypermastus bountyensis* Powell, 1933**

Powell, A.W.B., 1933c, pp. 235, 236, pl. 20, fig. 5 (holotype).

Holotype: MA72069, collected by J. Bollons in 1893, from 311 m (170 fathoms) off Bounty Islands, New Zealand.

Current name: *Pelseneeria bountyensis* (Powell, 1933) – Spencer *et al.* (2018).

***Icuncula terebra* Powell, 1930**

Powell, A.W.B., 1930a, p. 538, pl. 60, fig. 8 (holotype).

Holotype: MA72070, dredged by J. Bollons, from 110 m (60 fathoms), off Poor Knights Islands, Northland, New Zealand.

Current name: *Aclis terebra* (Powell, 1930) – Spencer *et al.* (2018).

***Larochella alta* Powell, 1927**

Powell, A.W.B., 1927a, p. 540, pl. 26, fig. 6.

Holotype: MA72075, dredged by W. La Roche, from 11–18, (6–10 fathoms), 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 – Spencer *et al.* (2018); MolluscaBase (2020).

***Larochella toreuma* Powell, 1927**

Powell, A.W.B., 1927a, 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 – Spencer *et al.* (2018); MolluscaBase (2020).

†*Melanella lautoides* Finlay & Marwick, 1937

Finlay, H.J. & J. Marwick, 1937, p. 66, pl. 5, fig. 11 (holotype).

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).

†*Rissopsis castlecliffensis* Finlay, 1930

Finlay, H.J., 1930a, p. 58, not figured.

Holotype: MA70680, **Figure 2e**, collected from the Pleistocene (Castlecliffian) at Castlecliff, Whanganui, New Zealand.

Paratypes: MA72451, five specimens, from the type locality.

Current name: *Austrorissopsis castlecliffensis* (Finlay, 1930) – Maxwell in: Spencer *et al.* (2009: 244).

***Rissopsis expansa* Powell, 1930**

Powell, A.W.B., 1930b, p. 544, pl. 88, figs 20, 21 (holotype).

Holotype: MA72129, dredged by W. La Roche in 1922, from 11–18 m (6–10 fathoms), 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) – Spencer *et al.* (2018).

†*Rissopsis fricta* Finlay, 1930

Finlay, H.J., 1930a, 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 (1930: 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 he 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).

***Scalaronoba secunda* Powell, 1940**

Powell, A.W.B., 1940, p. 227, pl. 30, fig. 10 (holotype).

Holotype: MA72131, collected from 256 m (140 fathoms) north of North Cape, Northland, New Zealand.

Current name: *Scalaronoba secunda* Powell, 1940 – Spencer *et al.* (2018).

***Teretianax pagoda* Powell, 1926**

Powell, A.W.B., 1926a, p. 596, fig. 3.

Holotype: MA72150, collected by A.W.B. Powell in January 1924 from shell sand, Tryphena Bay, Aotea/ Great Barrier Island, New Zealand.

Current name: *Pyramidelloides pagoda* (Powell, 1926) – Spencer *et al.* (2018); MolluscaBase (2020).

***Venustilifer secunda* Powell, 1940**

Powell, A.W.B., 1940, p. 235, pl. 29, fig. 6 (holotype).

Holotype: MA72163, dredged from 256 m (140 fathoms), off Manawatāwhi / Three Kings, Northland, New Zealand.

Current name: *Pelseneeria secunda* (Powell, 1940) – Spencer *et al.* (2018).

Family HIPPONICIDAE**†*Cheilea plumea* Laws, 1932**

Laws, C.R. 1932, p. 188, pl. 30, figs 34, 35 (holotype).

Holotype: MA70142, collected by F.J. Turner from middle Miocene (Waiauian) 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).

†*Cheilea postera* Laws, 1936

Laws, C.R., 1936, pp. 109, 110, pl. 16, figs 68, 70 (holotype).

Holotype: MA70143, collected from the early Pliocene (Opoitian) of the Kaawa Formation at Kaawa Creek, 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).

†*Neojanacus wharekuriensis* Laws, 1935

Laws, C.R., 1935c, pp. 33, 34, pl. 6, fig. 8 (holotype).

Holotype: MA70520, 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: *Leptonotis perplexus* (Suter, 1907) – MolluscaBase (2020).

***Sabia wyattae* Powell, 1958**

Powell, A.W.B., 1958b, pp. 90, 91, pl. 12, figs 3, 4 (holotype).

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 (2020).

Family VANIKORIDAE***Naricava (Tropidorbis) neozelanica* Powell, 1940**

Powell, A.W.B., 1940, pp. 223, 224, pl. 29, figs 10, 11 (holotype).

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 – Spencer *et al.* (2018).

***Zeradina odhneri* Powell, 1927**

Powell, A.W.B., 1927c, p. 297, pl. 34, fig. 1 (holotype).

Holotype: MA72177, dredged by D. Crawford of the steam trawler *Serfib* in July 1925, from 42 m (23 fathoms), Ahipara Bay, Northland, New Zealand.

Paratypes: MA71416, five specimens, from the type locality.

Current name: *Zeradina odhneri* Powell, 1927 – Spencer *et al.* (2018).

***Zeradina (Radinista) scalarina* Powell, 1940**

Powell, A.W.B., 1940, p. 229, pl. 31, fig. 9 (holotype).

Holotype: MA72178, collected by J. Bollons from 91 m (50 fathoms), 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) – Spencer *et al.* (2018).

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 specimen, 2 shells and 4 radulae, all from the type locality.

Current name: *Thylacodes aotearoicus* (J.E. Morton, 1951) – Spencer *et al.* (2018).

Family XENOPHORIDAE**†*Onustus prognatus* Finlay, 1926**

Finlay, H.J., 1926a, p. 228, pl. 59, fig. 15 (holotype), fig. 16 (paratype).

Holotype: MA70575, collected from the Oligocene (Duntroonian) Kekenodon Group, Wharekuri, Otago, New Zealand.

Remarks: MA70575 is figured by Finlay (1926) as the paratype, but original Finlay labels, as well as A.W.B. Powell's later ones, show this is the holotype.

Current name: *Xenophora prognata* (Finlay, 1926) – Maxwell in: Spencer *et al.* (2009: 243)

Unassigned Caenogastropoda (Order)**Family NEWTONIELLIDAE****†*Ataxocerithium nodicingulatum* Finlay, 1924**

Finlay, H.J., 1924a, pp. 475, 476, pl. 51, fig. 8a (holotype), figs 8b, c, d (paratypes).

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 (2020).

†*Ataxocerithium pyramidale* Finlay, 1924

Finlay, H.J., 1924a, p. 475, pl. 51, fig. 7a (holotype); figs 7b, c (paratypes).

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 – Maxwell in: Spencer *et al.* (2009: 244).

†*Ataxocerithium pyramidale robustum* Finlay, 1924

Finlay, H.J., 1924a, p. 475, not figured.

Holotype: MA70054, **Figure 2f**, collected from the Pliocene (Nukumaruan), near Redclyffe [Taradale] Bridge Hawke Bay, New Zealand.

Current name: *Ataxocerithium robustum* Finlay, 1924 – MolluscaBase (2020).

***Mendax attenuatospira* Powell, 1937**

Powell, A.W.B., 1937, p. 205, pl. 54, fig. 5 (holotype).

Holotype: NHM 19621039

Paratype: MA72278, eight specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Trituba (Paramendax) attenuatospira* (Powell, 1937) – Spencer *et al.* (2018).

***Paramendax apicina* Powell, 1937**

Powell, A.W.B., 1937, p. 206, pl. 54, fig. 4 (holotype).

Holotype: NHM 19621040

Paratype: MA72279, two specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Trituba (Paramendax) apicina* (Powell, 1937) – Spencer *et al.* (2018).

***Socienna aureola* Powell, 1933**

Powell, A.W.B., 1933b, p. 38.

Holotype: CM M5321

Paratype: MA72374, one specimen, collected from the type locality, by J. Fairchild on 1 June 1893, from 311 m (170 fathoms), Bounty Islands, New Zealand.

Current name: *Eumetula (Altispecula) aureola* (Powell, 1933) – Spencer *et al.* (2018).

***Socienna maoria* Finlay, 1930**

Finlay, H.J., 1930b, p. 230, pl. 45, fig. 45 (holotype).

Holotype: MA70713, collected from 11 m (6 fathoms), Doubtless Bay, Northland, New Zealand.

Current name: *Metaxia maoria* (Finlay, 1930) – Spencer *et al.* (2018).

Family CERITHIOPSIDAE***Altispecula elegantula* Powell, 1930**

Powell, A.W.B., 1930a, pp. 539, 540, pl. 61, fig. 11 (holotype), fig. 12 (paratype).

Holotype: MA72007, dredged by J. Bollons from 60 fathoms, Poor Knights Islands, Northland, New Zealand.

Paratype: MA71395, specimens, from the type locality.
Current name: *Retilaskeya (Marshallaskeya) elegantula* (Powell, 1930) – Spencer *et al.* (2018).

***Cerithiopsis diadema* Monterosato, 1874**

Monterosato, T.A. 1874, pp. 273, 274.

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”.

Current name: *Cerithiopsis diadema* Monterosato, 1874 – MolluscaBase (2020).

***Joculator caelata* Powell, 1930**

Powell, A.W.B., 1930a, p. 540, pl. 62, fig. 19 (holotype).

Holotype: MA70371, dredged by W. La Roche in 1922, from 11 m (6 fathoms), 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) – Spencer *et al.* (2018).

***Mendax trizonaloides* B.A. Marshall, 1978**

Marshall, B.A., 1978, pp. 65, 66, figs 7A–C (holotype).

Holotype: MONZ M.049299

Paratype: MA72980, one specimen, collected by E.G. Williams, from a fish stomach, off Mayor Island, Bay of Plenty, New Zealand.

Current name: *Mendax trizonaloides* B.A. Marshall, 1978 – Spencer *et al.* (2018).

***Seila (Notoseila) elegantissima* B.A. Marshall, 1978**

Marshall, B.A., 1978, pp. 100, 101, figs 18D–G (holotype).

Holotype: MONZ M.051719

Paratype: MA72981, one specimen, collected by E.G. Williams, from 73 m (40 fathoms), off Mayor Island, Bay of Plenty, New Zealand.

Current name: *Seila (Notoseila) elegantissima* B.A. Marshall, 1978 – Spencer *et al.* (2018).

***Sundaya campbellica* Powell, 1955**

Powell, A.W.B., 1955, pp. 92, 93, pl. 2, fig. 18 (holotype).

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) – Spencer *et al.* (2018).

***Zaclys murdochi* B.A. Marshall, 1978**

Marshall, B.A., 1978, p. 81, figs 12G–I (holotype).

Holotype: MONZ M.051714

Paratypes: MA72979, 62 specimens, collected from Tahunanui Beach, Nelson, New Zealand.

Current name: *Zaclys murdochi* B.A. Marshall, 1978 – Spencer *et al.* (2018).

***Zaclys paradoxa* Powell, 1937**

Powell, A.W.B., 1937, p. 205, pl. 54, fig. 1 (holotype).

Holotype: NHM 19621038

Paratypes: MA72277, three specimens, collected by A.W.B. Powell on 17 August 1932 from the type locality, station 934, R.R.S. Discovery II cruise, in 92 m

off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Horologica dirempta* (Odhner, 1924) – Spencer *et al.* (2018).

Family TRIPHORIDAE

***Mendax duplicarinata* Powell, 1940**

Powell, A.W.B., 1940, p. 232, pl. 29, fig. 4 (holotype).

Holotype: MA72092, collected by J. Bollons from 91 m (50 fathoms), 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) – Spencer *et al.* (2018).

***Notosinister aupouria* Powell, 1937**

Powell, A.W.B., 1937, pp. 206, 207, pl. 54, fig. 2 (holotype).

Holotype: NHM 19621041

Paratypes: MA72280, four specimens, collected by A.W.B. Powell in 1932 from the type locality, station 933, R.R.S. Discovery II cruise, in 260 m off Manawatāwhi / Three Kings Islands, New Zealand.

Current name: *Nototriphora aupouria* (Powell, 1937) – Spencer *et al.* (2018).

†*Notosinister tepikiensis* Powell, 1934

Powell, A.W.B., 1934, pp. 265, 266, pl. 57, fig. 4 (holotype).

Holotype: MA70545, collected by A.W.B. Powell in August 1933 from the late Pleistocene (Haweran) Te Piki Member, Waipaoa Formation, from a roadcutting 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); Beu (2004); MolluscaBase (2020).

***Seilarex exaltatus* Powell, 1930**

Powell, A.W.B., 1930a, pp. 538, 539, pl. 60, fig. 3 (holotype).

Holotype: MA72140, dredged by A.W.B. Powell in January 1924, from 9–11 m (5–6 fathoms), Tryphena Bay, Aotea/Great Barrier Island, New Zealand.

Current name: *Metaxia exaltata* (Powell, 1930) – Spencer *et al.* (2018).

***Viriola samoana* Cernohorsky, 1977**

Cernohorsky, W.O. 1977, pp. 130, 131, figs 21–26 (holotype).

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 (2020).

Family EPITONIIDAE

***Acirsa annectens* Powell, 1951**

Powell, A.W.B., 1951b, p. 115, pl. 7, fig. 23 (holotype).

Holotype: MNH 1961398

Paratypes: MA71932, two specimens, collected from the type locality, on 18 October 1931, Discovery Station WS 766, in 545 m, north of Falkland Islands, British Overseas Territory.

Current name: *Gregorioiscala annectens* (Powell, 1951) – MolluscaBase (2020).

†*Cirsotrema caelicola* Finlay, 1926

Finlay, H.J., 1926a, p. 231, pl. 57, figs 17, 18 (holotype).

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 – MolluscaBase (2020).

†*Cirsotrema (Tioria) marshalli* Laws, 1935

Laws, C.R., 1935b, p. 27, pl. 4, fig. 9 (holotype).

Holotype: MA70175, collected from the middle Eocene (Bortonian) Hampden Formation, near Kakaho Creek, Hampden Beach, Otago, New Zealand.

Current name: *Cirsotrema (Tioria) marshalli* Laws, 1935 – MolluscaBase (2020).

***Epitonium bucknilli* Powell, 1924**

Powell, A.W.B., 1924, p. 138, pl. 5.

Holotype: MA72057, collected from Mount Maunganui, Bay of Plenty, New Zealand.

Current name: *Epitonium (Hyaloscala) bucknilli* Powell, 1924 – Spencer *et al.* (2018).

***Funiscala maxwelli* Finlay, 1930**

Finlay, H.J., 1930b, pp. 233, 234, pl. 44, fig. 33 (holotype), fig. 32 (paratype).

Holotype: MA70330, dredged by M. Young, from 91 m (50 fathoms), 16 km (10 miles) E.N.E. of Otago Heads [Taiaroa Head], Otago, New Zealand.

Paratype: MA73605, one specimen, from the type locality.

Current name: *Opalia (Nodiscala) maxwelli* (Finlay, 1930) – Spencer *et al.* (2018).

†*Hyaloscala muricata* Laws, 1933

Laws, C.R., 1933, p. 322, pl. 31, fig. 19 (holotype), pl. 33, fig. 36 (holotype).

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 (Hyaloscala) muricatum* (Laws, 1933) – Maxwell in: Spencer *et al.* (2009: 244); MolluscaBase (2020).

***Murdochella alacer* Finlay, 1926**

Finlay, H.J., 1926b, p. 402, pl. 19, fig. 41 (holotype).

Holotype: MA70494, collected from 73 m (40 fathoms), off Cuvier Island, New Zealand.

Current name: *Murdochella alacer* Finlay, 1926 – Spencer *et al.* (2018).

***Murdochella superlata* Finlay, 1930**

Finlay, H.J., 1930b, p. 234, pl. 44, fig. 31 (holotype).

Holotype: MA70495, collected from 137 m (75 fathoms), North Cape, New Zealand.

Current name: *Papuliscala superlata* (Finlay, 1930) – Spencer *et al.* (2018).

***Murdochella tertia* Finlay, 1930**

Finlay, H.J., 1930b, p. 234, not figured.

Holotype: MA70496, **Figure 2g**, collected from 137 m (75 fathoms), North Cape, Northland, New Zealand.

Current name: *Murdochella alacer* Finlay, 1926 – Spencer *et al.* (2018).

***Nodiscala zelandica* Finlay, 1930**

Finlay, H.J., 1930b, p. 232, pl. 44, fig. 35 (holotype).

Holotype: MA72581, collected from 137 m (75 fathoms), North Cape, Northland, New Zealand.

Current name: *Opalia (Nodiscala) zelandica* (Finlay, 1930) – Spencer *et al.* (2018).

***Pliciscala (Nodiscala) ahiparana* Powell, 1930**

Powell, A.W.B., 1930a, pp. 541, 542, pl. 61, fig. 10 (holotype).

Holotype: MA72118, dredged by J. Bollons, from 128 m (70 fathoms), off Ahipara, Northland, New Zealand.

Current name: *Opalia (Nodiscala) ahiparana* (Powell, 1930) – Spencer *et al.* (2018).

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