Catalogue of Crustacean Type Specimens in the Australian Museum: Malacostraca

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ABSTRACT. This is the first catalogue of the Australian Museum malacostracan Crustacea type collection. The catalogue consists of 2915 type specimen lots representing 1154 nominal taxa comprising: eleven Stomatopoda, four Anaspidacea, one Thermosbaenacea, five Mysidacea, 333 Amphipoda, 307 Isopoda, eight Tanaidacea, ten Cumacea, one Euphausiacea and 474 Decapoda. Problems associated with the type collection are discussed and a bibliography of all papers associated with these types is included.

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Introduction

The Australian Museum is a major repository for crustacean material from the Indo-West Pacific region. Since its inception in 1827, no complete list or catalogue of holdings of crustacean type specimens has been published. A catalogue of all type specimens of malacostracan Crustacea is presented here. It includes holotypes, paratypes, lectotypes, paralectotypes, neotypes and syntypes. The catalogue consists of a total of 2915 specimen type lots representing 1154 nominal taxa comprising: eleven Stomatopoda, four Anaspidacea, one Thermosbaenacea, five Mysidacea, 333 Amphipoda, 307 Isopoda, eight Tanaidacea, ten Cumacea, one Euphausiacea, and 474 Decapoda.

Organisation of the Catalogue. The catalogue consists of an alphabetical list of species arranged by order, and, for the Decapoda, infraorders after the system of Bowman & Abele, 1982. Changes in nomenclature are not considered. The taxa are listed in their original combination in the following format: species subspecies, Genus author, date, citation.

Australian Museum registration number, kind of type, number of specimens, sex, locality, collecting gear, substrate, depth/altitude, collector, collection date, station number.

Latitudes and longitudes not available in the original data are estimated where possible and included in brackets. Depths and altitudes have been converted to metres where necessary. Some changes in word order and punctuation have been made to the original data to standardize the format. Additional information relating to a particular lot is included in brackets after the data, for example citation of neotype designation or discrepancies between published data and that appearing in the original register.

Six appendices are included (see Problems section below): 1 – missing types of species described by Haswell; 2 – material of species described by Haswell labelled as types but not from the type locality; 3 – missing types of species described by Whitelegge (1904); 4 – missing types of species described by Stebbing (1910); 5 – missing types of species described by Nicholls (1938); 6 – invalid type designations of non-syntypic material. The Bibliography includes all publications where types of malacostracan crustaceans are designated and deposited in the Australian Museum together with references cited in the introductory section and remarks.

Australian Museum registration numbers derive from three number series prefaced by either ‘G’, ‘E’ or ‘P’. ‘G’ numbers originate from the General Invertebrate Register (which was restricted to the Coelenterata after December 1907), numbers with an ‘E’ prefix stem from the register used for the FIS Endeavour Expedition Collections and ‘P’ numbers originate from the Crustacea Register which began in January 1908.

Historical review. The first collections made in Australian coastal waters for scientific purposes resulted from visits of foreign expeditions. The expeditions of the French Astrolabe (1826-1829), the British HMS Fly (1842-1845), HMS Herald (1857), and HMS Challenger (1873-1876), the Austrian frigate Novara (1857-1859), and the Dutch Siboga (1899) all collected crustaceans from Australian waters and took them back to Europe. These early collections were studied by European scientists and mainly deposited in European museums where the types remain today. Occasionally types have been repatriated. For instance, in 1897 and 1912 the Trustees of the Australian Museum obtained some Challenger syntypes from the British Museum which included two malacostracans: Pandalus magnocularis Bate, and Sesarma edwardsii De Man. More recently significant type collections from the Siboga Expedition were repatriated by the Zoological Museum, University of Amsterdam.

The first important carcinologist in Australia was Professor W.A. Haswell of Sydney University. Between 1879 and 1885 he published a number of papers describing malacostracan crustaceans from eastern Australia. His collections, however, did not arrive at the Australian Museum until later – a precise date is not known (see Problem 1: the Haswell material). Haswell (1882a) compiled the first catalogue of Australian malacostracan Crustacea.

During the 1880s the Australian Museum began
recruiting scientific staff, signalling a more scientific approach to the Museum’s collections. The museum employed collectors and many trawling and dredging operations were carried out in Port Jackson.

In 1883 Thomas Whitelegge (1883-1905) established the Department of Lower Invertebrates. He began the invertebrate registers in 1888 where specimen data were officially recorded for the first time and cross referenced with a card catalogue system. The first crustacean types registered were decapods described by Whitelegge (1897) from the island of Funafuti and compiled a list of the invertebrate fauna of Port Jackson (1889). In 1898 the British Colonial Government commissioned the HMCS Thetis to conduct trawling experiments for the fishing industry. E.R. Waite of the Australian Museum joined the expedition and secured a large collection of marine invertebrates.

Whitelegge (1900, 1901a, 1902) described Decapoda, Stomatopoda and Isopoda from the HMCS Thetis Expedition constituting the first major involvement of Australian Museum staff in crustacean systematics. Other contributors to the type collections during this period were Baker, Chilton and Grant. Whitelegge’s interests were diverse and in 1905 he chose to continue his work on other invertebrate phyla. His retirement in 1908 led to a succession of invertebrate zoologists with little interest in Crustacea.

In 1905 responsibility for the crustacean collection was assumed by the Australian Museum’s ichthyologist, A.R. McCulloch (1905-1921). He began reorganising the crustacean collections and registered large amounts of material amassed over the years and known as the Old Collection. This included much of Haswell’s material. He also instituted a card index to carcinological literature, made worthy additions of decapod types to the collection and encouraged other taxonomists to examine Australian Museum material. From 1914 to 1922 he was assisted by F.A. McNeill.

McCulloch was an enthusiastic field worker and organized extended collecting trips to the Great Barrier Reef and Torres Strait islands (1906, 1907), Lord Howe Island (1908, 1921) and the regular use of local fishing trawlers to investigate the waters off Port Jackson. Additional crustacean collections came from the fisheries investigations using the FIS Endeavour, 1909-1914 and the Australasian Antarctic Expedition, 1911-1914.

Other contributors to the type collections during this period were Baker, Grant and Rathbun, who studied brachyurans; Stiebbing, Chilton and Walker who studied amphipods; and Baker, Hale and Whitelegge who studied isopods.

When the museum’s invertebrate zoologist R. Bretnall retired in 1921 F.A. McNeill (1922-1961) was placed in charge of the Department of Lower Invertebrates. He energetically built up and maintained the general invertebrate collections and card catalogues and organised the spirit collections according to a system similar to the Dewey classification of library books. During the 1920s McNeill investigated the economic effects of marine borers in harbours and rivers of Sydney and Brisbane while continuing work on marine decapods and contributed many articles to various newspapers and magazines.

The department was divided into two in 1957 with McNeill taking responsibility for the Department of Crustacea and Coelenterata. McNeill collected extensively in the Sydney coastal region, participated in the British Great Barrier Reef Expedition (1928) and several other Barrier Reef collecting trips. Other significant acquisitions were made through donations from Australian Fisheries agencies investigating prawn fisheries in New South Wales and Queensland and extensive collections of freshwater decapod crustaceans made by E.F. Riek. Major contributors to the type collections during this time were Stephenson (stomatopods); McNeill, Ward, Racek, Dall, Stephenson, Campbell, Hudson and Rick (decapods); Tattersall (mysids); Baker and Hale (isopods); and Hale (cumaceans).

During the directorship of J.W. Evans (1955-1966) the Australian Museum grew significantly as a scientific institution with increased staff levels, provision of laboratories and equipment and the appointment of highly trained scientists to curatorial positions.

McNeill retired in 1961 after 47 years at the museum and was replaced by Dr J.C. Yaldwyn (1962-1968). Yaldwyn’s main research interests were in the taxonomy and distribution of the Decapoda of New Zealand, Antarctica and sub-antarctic islands. Management of collections continued in the manner of his predecessor. Yaldwyn participated in the Australian Museum Swain Reefs Expedition (1962) resulting in one of the largest collections of tropical decapods to be acquired by the museum. Other field work included collecting trips to the Diamond Islets (1964), the Herald Group (1963, 1964), One Tree Island (1966, 1967) and the Gulf of Carpentaria (1965). He collected extensively along the coast of NSW and also made collections of freshwater decapods in southern NSW. A large collection of trawled decapods was acquired from the CSIRO Gulf of Carpentaria Prawn Survey. In an effort to stimulate ecological and taxonomic research at the southern end of the Great Barrier reef, the Museum established a field station on One Tree Island in 1966.

Researchers who made important contributions to the crustacean type collections during this time were Barnes, Bishop, Campbell, Griffin, Haig and Holthuis on decapods; Williams who described new species of subterranean freshwater carids and synarcids; and Green who studied terrestrial isopods.

Dr D.J.G. Griffin (1968-1976) joined the Museum in 1966 as Assistant Curator of Crustacea and Coelenterata. When Yaldwyn resigned in 1968, Griffin was appointed curator, and continued his research on marine decapod crustaceans of the Indo-West Pacific. Griffin published extensively on the Brachyura and in particular the Majidae, culminating in the Siboga Report (1986a).

Griffin made collecting expeditions to One Tree Island (1968, 1972, 1973), Norfolk Island (1969), and western...
and northern NSW (1971, 1972).

A rich source of new taxa during the 1970s resulted from environmental surveys such as the Australian Museum Shelf Benthic Survey and the Port Phillip Bay Study. Surveys such as these have continued to provide study material for over twenty years. The Sydney University Crocodile Research Project (1975) provided a large decapod collection from Arnhem Land, Northern Territory. Exploratory trawling operations conducted by the FRV *Kapala* in New South Wales coastal waters resulted in major collections of both decapod and peracarid crustaceans being donated by the NSW State Fisheries through the efforts of Ken Graham. Many opportunities for Museum staff to conduct dredging operations using the FRV *Kapala* also provided significant material for study. By 1974 the Museum had relinquished its interests in One Tree Island to Sydney University and established a research station at Lizard Island. This facility provided an excellent base for ecological and systematic studies at the northern end of the Great Barrier Reef.

Major contributors to the type collection included Barnard and Drummond (amphipods), Poore (isopods), D.M. and A.H. Banner, A.J. Bruce, Poore and Griffin (decapods), and Manning (stomatopods).

Des Griffin was appointed Director of the Australian Museum in 1976 and was succeeded as curator by Dr J.K. Lowry (1976-present).

By the late 1970s, the Australian Museum was recognized as a leading natural history museum in terms of the diversity and size of its collections. The main research interests in the collection had traditionally been marine decapods and much field work was directed to securing collections of larger carids and brachyurans. Jim Lowry’s main research interests are in the taxonomy and phylogeny of the Amphipoda and more recently the biology of small scavenging crustaceans. The method of collecting separate microhabitats using scuba was introduced and trapping methods developed to secure collections of micro-invertebrates generally and peracarid crustaceans in particular. The Australian Museum has been able to provide facilities and financial assistance to long-term visiting scientists such as Drs N.L. Bruce (Isopoda), J.A. Friend, J. Just, A.A. Myers and W. Vader (Amphipoda) and B. Kensley (Decapoda) to carry out research using the museum’s collections.

Lowry led expeditions to the subantarctic islands of Macquarie (1977/1978) and Campbell (1979/1980), and the subtropical and tropical islands of Lord Howe (1977), Heron (1978), and Lizard (1978, 1987). Since 1980 there have been expeditions to all mainland Australian states specifically to collect peracarid crustaceans. Large collections of decapods were obtained by the Australian Museum’s expedition to Middleton and Elizabeth Reefs (1987). Expeditions were organised to the Great Barrier Reef, Tasmania, New South Wales, Papua New Guinea and the Solomon Islands to trap scavenging crustaceans. Important continental shelf and slope collections were made by the CSIRO on the North West Shelf, Western Australia, by the Museum of Victoria in Bass Strait, and by Australian Museum scientists using *Flying Scud*, ORV *Franklin*, FRV *Kapala*, HMAS *Kimbla*, FRV *Soela* and RV *Tangaroa*.

By 1980 the main research interests in the collection had shifted from the larger marine decapods, such as carids and brachyurans, to smaller crustaceans such as peracarids. The type collection nearly doubled between 1970 and 1990 with Amphipoda and Isopoda comprising over 80% of new taxa deposited in the type collections. The marine, terrestrial and freshwater Amphipoda from the Indo-West Pacific region were widely investigated by Barnard, Berents, Drummond, Fenwick, Friend, Just, Lowry, Moore, Myers, Poore, Stoddart and Williams. Studies of marine Isopoda were conducted by Bourdon, A.J. Bruce, N.L. Bruce, Harrison, Holdich, Poore and Lew Ton. Investigations into decapod systematics were conducted by Banner and Banner, A.J. Bruce, Griffin, Kensley, Lucas, Morgan and Tranter. Stomatopods were studied by Manning.

Dr G.D.F. Wilson joined the Australian Museum in 1991. Buzz Wilson’s main research interests are the taxonomy and phylogeny of phreaticoid and asellote Isopoda.

**Collection management.** Computerisation of the crustacean collection data was begun by Jim Lowry in the late 1970s. For years there was little money for this project and progress depended on volunteers who updated and transferred data from the original registers onto data sheets. During the 1980s data transfer into a TITAN data base began.

Organisational changes in the Division of Invertebrate Zoology saw abolition of the department of Crustacea and Coelenterata and the appointment in 1988 of Dr P.B. Berents as the first full-time collection manager of Marine Invertebrates. The first computer dedicated to collection management was obtained in 1990 and by the end of 1991 the entire registered crustacean collection (43,500 records) was computerised. All database queries, inventories, registration, labelling and loans are now managed through TITAN.

Priorities in field work by collection management staff are to build up collections in geographical and taxonomic areas where the collections are poorly represented. Habitat collections by scuba and trapping continue to be the basis for shallow-water collecting and the emphasis continues to be on peracarid crustaceans.

The Australian Museum has always encouraged qualified, external researchers to study its collections through loans and through the Visiting Fellowship Program. Researchers intending to collect flora and fauna from National Parks or Aquatic Reserves in any of the States, Territories or Oceanic Islands of Australia must first obtain the relevant permits. A guide to collecting requirements may be obtained from the Bureau of Flora and Fauna, GPO Box 1383, Canberra, ACT, 2601.

A permit is also required to export specimens under the *Wildlife Protection (Regulation of Exports and Imports)* Act 1982, and any specimen subsequently
designated as a holotype must be deposited in an Australian Institution.

Unless otherwise stated all specimens are stored in 70% ethanol.

Problems

Problem 1: The Haswell material. Between 1879 and 1885, W.A. Haswell described 225 species of malacostracan Crustacea including 95 Amphipoda, 41 Isopoda, four Tanaidacea and 85 Decapoda, (comprising: 6 Penaeidea, 1 Caridea, 11 Anomura and 67 Brachyura). Types were not designated at the time the manuscripts were written nor were specimens labelled as types.

Prior to 1905 the Australian Museum acquired some of Haswell's collections. This material became part of the Old Collection and was incorporated into the registered collection by subsequent curators who labelled various lots as types or co-types. None of Haswell's original labels remains and, except in a few cases, no collector or collection date is included in the original data. Some material labelled as types was not from type localities (see Appendix 2), and conversely some material from type localities went unlabelled.

In a few cases Haswell stated that a single specimen was studied. Where a unique specimen is found with his original name and is from the type locality and the Old Collection, it is considered to be the holotype, [ICZN Article 73(a)(ii)].

Other material is clearly syntypic being from a unique locality (eg, Sue Island, Darnley Island) and/or collected by Haswell (eg, Chevert expedition), [ICZN Article 73(b)(i)].

However, the origin of much of the Old Collection labelled as type material is confounded. It cannot be shown that this material was used by Haswell in his original descriptions. Material from Port Jackson, and some Queensland localities, for example, may have been collected after the date of publication by others such as Whitelegge, McCulloch and Hedley. Consequently, the term "possible syntype" is used.

Designations of type status made by subsequent authors on the assumption that the specimens labelled "types" were Haswell's actual syntypes are considered here to be probable syntypes, probable lectotypes or probable pararlectotypes. Designations of holotype status are considered to be invalid except in particular cases as mentioned above [ICZN Recommendation 73(f)].

The status of material of Haswell's species held at the Macleay Museum, University of Sydney, has been discussed by Griffin & Stanbury (1970) and is considered to be syntypic. This collection is now on permanent loan to the Australian Museum (except for four species, as noted, still housed in the Macleay Museum).

Much of Haswell's collection was lost before being deposited at either the Macleay Museum or the Australian Museum and the 64 species for which type material is no longer extant are listed in Appendix 1. Specimens erroneously labelled as types are listed in Appendix 2.

It must also be noted here the confusion of publication dates of some of Haswell's contributions to the Proceedings of the Linnean Society of New South Wales. The Linnean Society (1929) published a list showing dates of publication of parts of the proceedings for each year from 1875 to 1925.

Problem 2: The Whitelegge material. The arcturid Isopoda of the Trawling Expeditions of HMCS Thetis in 1898 were studied by Whitelegge (1904). Whitelegge (1904: 405) stated that in the course of his studies "I have been seriously impeded by the paucity, imperfection, and extreme brittleness of the specimens". Whitelegge attributed this to the formalin used in their preservation. For unknown reasons this material was never registered and the specimens are presumed lost. The missing types of new species described by Whitelegge (1904) are listed in Appendix 3.

Problem 3: The Stebbing material. The Amphipoda of the Trawling Expeditions of HMCS Thetis in 1898 were studied by Stebbing (1910) and included 44 species, 13 of which were new. Specimens from the Thetis Collection were sent on loan to Stebbing at Tunbridge Wells, England. After completing his studies Stebbing returned most of the material in 1910 but it was noted that the types of six new species were omitted. In correspondence dated 13 July 1911, Stebbing explained that the specimens "... were dismembered and mounted in glycerine jelly. It would in my opinion be a pity to subject them to the risks of a long journey." Unfortunately, this material is now lost. The missing types of new species described by Stebbing (1910) are listed in Appendix 4.

Problem 4: The Nicholls material. The Amphipoda of the Australasian Antarctic Expedition 1911-1914 were studied on by Nicholls (1938) and included 92 species, 26 of which were new. The collection remained at the University of Western Australia, Perth, until 1958 when it was moved to the Western Australian Museum under the supervision of Ray George. Unfortunately, between the time that Nicholls completed his study in 1933 and the collection was moved in 1958 the types of ten species were lost (Lowry, 1982). In 1966 the remaining specimens were transferred to the Australian Museum at the request of John Yaldwyn. The missing types of new species described by Nicholls (1938) are listed in Appendix 5. Material of Atylopsis megalops Nicholls listed as missing by Lowry (1982) has subsequently been found.

Problem 5: Barnard's voucher material. Barnard was reluctant to designate any type other than the holotype. In a letter to Elizabeth Pope he wrote "I also even refrain from designating paratypes of my own new species just because of the problem of the accidental or careless inclusion of specimens of the wrong species. It is so easy when dealing with tiny specimens to accidentally put one in the wrong vial (as I have done countless times) but even worse is the problem of putting in some sibling species also". Nonetheless he needed some way to designate material other than the holotype, which was used in the description of his new species. He chose to use the term voucher for these specimens.
But his vouchers are in practice paratypes and are listed as such in this catalogue. Australian papers which contain voucher material are Barnard & Drummond, 1978, 1979 and 1982.

List of Abbreviations

AM - Australian Museum, Sydney; AMI - Australian Museum Ichthyology, registration prefix; AMSBS - Australian Museum Shelf Bentic Survey; ANIC - Australian National Insect Collection; BMR - Bureau of Mineral Resources; BSS - Bass Strait Survey; CPBS - Crib Point Bentic Survey; CSIRO - Commonwealth Scientific and Industrial Research Organization; EBS - Eurobodalla Bentic Survey; FIS - Fisheries Investigation Ship; FRV - Fisheries Research Vessel; GBV - Great Barrier Reef, Queensland; HDWBS - Hunter District Water Board Survey; HMAS - Her Majesty’s Australian Ship; HMCBS - Her Majesty’s Colonial Steamer; ICZN - International Code of Zoological Nomenclature; MER - Merimbula Estuary Survey; MM - Macleay Museum, University of Sydney; MNHN - Museum Nationale d’Histoire Naturelle, Paris; NSW - New South Wales; NSWSF - New South Wales State Fisheries; ORSTOM - Office de la Recherche Scientifique et Technique Outre-mer; ORV - Oceanographic Research Vessel; PNG - Papua New Guinea; PPBBS - Port Phillip Bay Bentic Survey; QLD - Queensland; QM - Queensland Museum, Brisbane; SA - The Snares, New Zealand; SLOPE - South-eastern Australian Continental Slope Survey; USNM - National Museum of Natural History, Washington, DC (formerly the United States National Museum); WA - Western Australia; WBES - Westernport Bay Environmental Survey; WHOI - Woods Hole Oceanographic Institute, Massachusetts.

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STOMATOPODA

australiensis, Manningia Manning, 1970: 78, fig. 1.

P16288 HOLOTYPE, female, off Gillett Cay, Swain Reefs, Queensland, Australia, [21°43’S 152°25’E], dredged, 64-73 m, Australian Museum Swain Reefs Expedition, October 1962.

ensigera australiensis, Hemisquilla Stephenson, 1967: 15.

P11695 HOLOTYPE, male, 19 km east of Broken Bay, New South Wales, Australia, [33°34’S 151°18’E], seine trawl, H. Arnold.

graniti, Squilla Stephenson, 1953: 201, figs 1-a-d, 2-a-b, d, f-g.

P12077 PARATYPE, male, 9 km north-north-east of Woody Point Pier, Moreton Bay, Queensland, Australia, [27°16’S 153°06’E], muddy sand, trawled, 12 m, E. Grant, 3 January 1951.

P12078 PARATYPE, same data as P12077.

P12277 PARATYPE, female, Scarborough, Moreton Bay, Queensland, Australia, [27°12’S 153°07’E], 26 May 1913.

insula, Heterosquilla Manning, 1970: 81, fig. 2.

P16286 HOLOTYPE, male, Great Australian Bight, Western Australia, [33°43’S 125°04’E], 77 m, CSIRO Fisheries, 7 July 1962.

cmeielli, Squilla Stephenson, 1953: 213, fig. 4a-f.

P8808 HOLOTYPE, off coast between Merimbula and Tathra, New South Wales, Australia, [36°49’S 150°05’E], 73 m, M. Ward on trawler Bar-ea-mul, March 1927.

P4442 PARATYPE, male, off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°08’S 151°07’E], trawled, 124 m, State Trawling Department, 7 February 1919.

P5796 PARATYPE, 5 km off Eden, New South Wales, Australia, [37°04’S 149°55’E], from stomach of flathead, 45-54 m, A.A. Livingstone and H.O. Fletcher on MV Goonanbee.

P9677 PARATYPE, male, 11 km north of Twofold Bay, New South Wales, Australia, [37°04’S 150°02’E], trawled, 73-82 m, H.O. Fletcher, May 1929.

melanocauda, Hadrosquilla Kunze, 1981: 1, fig. 1.

P28297 HOLOTYPE, Botany Bay, New South Wales, Australia, [34°00’S 151°11’E], from gut of flounder: Pseudohombus arsii Hamilton, New South Wales State Fisheries, 6 October 1978.

notialis, Manningia Manning, 1966: 103, fig. 6.

P14788 HOLOTYPE, female, Yirrkala, north-west of Cape Arnhem, Northern Territory, Australia, [12°15’S 136°53’E], ironstone reef, R.R. Miller and party, 6 August 1948, Station M48-21.
P9664  **HOLOTYPE**, female, Port Curtis, Queensland, Australia, [23°55'S 151°23'E], seine net off flats, C. Bedson.

P9685  **PARATYPE**, female, Cairns Inlet, Queensland, Australia, [16°55'S 145°46'E], P.S. Clarke.

P12382  **PARATYPE**, female, Emery Point, Darwin Harbour, Northern Territory, Australia, [12°27'S 130°50'E], seine net off beach, F.E. Wells, 1954.

P12770  **PARATYPE**, female, Darwin Harbour, Northern Territory, Australia, [12°27'S 130°50'E], F.E. Wells.

P14924  **PARATYPE**, female, Darwin Harbour, Northern Territory, Australia, [12°27'S 130°50'E], C.W. Holman, 2 July 1962.

P15503  **PARATYPE**, female, same data as P14925.

P15504  **PARATYPE**, male, south-eastern Gulf of Carpentaria, Queensland, Australia, 25 m, CSIRO Gulf of Carpentaria Prawn Survey, December 1963.

P15505  **PARATYPE**, male, same data as P15503.

P15506  **PARATYPE**, male, same data as P15503.

P15507  **PARATYPE**, female, same data as P15503.

P15509  **PARATYPE**, male, same data as P15503.

P24776  **PARATYPES**, 2 specimens, 1.6 km east of St Helena Island, Moreton Bay, Queensland, Australia, [27°24'S 153°14'E], trawled, 8.2 m, L. Wale, 15 February 1966.

**terrarreginensis**, *Squilla* Stephenson, 1953: 208, fig. 3a-b.

P9070  **HOLOTYPE**, male, mouth of Barron River, Cairns, Queensland, Australia, [16°55'S 145°46'E], G.A.V. Stanley, May 1928.

P3794  **PARATYPES**, 1 male, 1 female, Cooktown, Queensland, Australia, [15°28'S 145°15'E], A.R. McCulloch, 1905.

**tweediei**, *Gonodactylus* Serène, 1952: 16, pl. 3 figs 1-5.

P5273  **SYNTYPES**, 2 specimens, Lord Howe Island, Australia, [31°33'S 159°05'E], A.R. McCulloch.

P10070  **SYNTYPE**, female, North West Islet, Capricorn Group, Queensland, Australia, [23°30'S 152°00'E], T. Iredale and G.P. Whitley, May 1931.

P10340  **SYNTYPE**, male, Erskine Channel, Lord Howe Island, Australia, [31°33'S 159°05'E], A.A. Livingstone, April 1932.

P10805  **SYNTYPE**, male, Elizabeth Reef, Tasman Sea, [29°55'S 159°05'E], G.P. Whitley, 15 April 1936.
MYSIDACEA

australiensis, Afrymysis Tattersall, 1940: 336, figs 5a-g, 6a-d.
P11169 SYNTYPES, 50 specimens, Broken Bay, New South Wales, Australia, [33°34'S 151°18'E], W.J. Dakin, April 1937.
dakini, Gastosaccus Tattersall, 1940: 336, figs 5a-g, 6a-d.
P1169 SYNTYPES, 50 specimens, Broken Bay, New South Wales, Australia, [33°34'S 151°18'E], W.J. Dakin, April 1937.
dakini, Gastrosaccus Tattersall, 1940: 331, figs 3a-c, 4a-f.
P11170 SYNTYPES, 21 specimens, Lake Illawarra, New South Wales, Australia, [34°33'S 150°52'E], W.J. Dakin, April 1937.
longidactyla, Siriella Tattersall, 1940: 328, fig. 1a-d.
P11175 SYNTYPES, 4 specimens, Port Stephens, New South Wales, Australia, [32°34'S 152°06'E], W.J. Dakin, June 1938.
oculata, Tasmanomysis Fenton, 1985b: 123, figs 1-18.
P34769 PARATYPES, 6 females, 3 males, Catamaran River, Tasmania, Australia, [43°32'S 146°56'E], A McGifford, 23 August 1974.
rufa, Paramesopodopsis Fenton, 1985a: 171, figs 1-3.
P34320 PARATYPES, 5 males, 5 females, One Tree Point, Bruny Island, Tasmania, Australia, [43°06'S 147°23'E], G.E. Fenton, 11 October 1982.

AMPHIPODA

aahu, Orchomene Lowry & Stoddart, 1983b: 377, figs 69-71.
P32115 PARATYPES, 50 specimens, north side of Ho Ho Point, The Snares, New Zealand, [48°07'S 166°38'E], baited cray pot, 18 m, D.S. Homing, 4 December 1974, SA-3046.
abyssi, Pontogeneoides Nicholls, 1938: 106, fig. 55.
P18733 H O L O T Y P E, female, Adelie Island, Antarctica, [67°00'S 139°00'E], trawled, 1463 m, Australasian Antarctic Expedition, 14 January 1914, Station 6.
adentatus, ?Hippomedon Moore, 1989: 1449, figs 4-6.
P39390 HOLOTYPE, male, off Burnie, Tasmania, Australia, [41°02'S 146°00'E], stones and sand, near outfall of Tioxide works, 15 m, Marine Ecological Surveys Ld., April 1986.
alalo, Elasmopus Myers, 1986: 273, figs 4-5.
P36955 HOLOTYPE, male, Rock Terrace, Utulau,
Tongatapu, Tonga, 21°10'S 175°10'W, mixed red algae, A.A. Myers.
P36956 PARATYPES, 57 specimens, type locality.
albidus, Keratoides Friend, 1987: 41, figs 35-38.
P37353 HOLOTYPE, female, APPM reserve, West Downs, Surrey Hills, Tasmania, Australia, 41°20'S 145°39'E, in distinct burrows in clay, under logs in Notofagus forest, A.M.M. Richardson, 16 December 1978, 8015-863229.
P37354 PARATYPE, male, type locality.
P37355 PARATYPES, 1 male, 3 females, type locality, [published number of specimens: male, 3 females, 1 juvenile].
ambigua, Iphimedia? Haswell, 1879b: 327, pl. 24 fig. 2.
P3468 POSSIBLE SYNTYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [no locality specified in original description].
P3469 POSSIBLE SYNTYPE, Broughton Island, New South Wales, Australia, [32°36'S 152°19'E], Old Collection, [no locality specified in original description].
andresi, Pseudamaryllis Lowry & Stoddart, 1993: 99, figs 28-30.
P41434 PARATYPES, 2 females, off Sablayan, Mindoro, Philippine Islands, 13°14.3'N 120°50.5'E, on a coconut, 90-110 m, RV Coriolis, 23 November 1980, MUSORSTOM 2 CP28.
angusta, Parawaldeckia Lowry & Stoddart, 1983a: 261, figs 1-3.
P33774 PARATYPE, Lyttelton Harbour, New Zealand, [43°37'S 172°44'E], from collection of Dr Charles Chilton.
annasona, Ichnonus Lowry & Stoddart, 1992: 196, figs 4-5.
P39649 HOLOTYPE, male, Elizabeth Reef, Tasman Sea, 29°55'S 159°05'E, hand net at surface, attracted to light, A. Gill and J.K. Lowry on RV Flamingo Bay, 12 December 1987, Site 42.
P39650 PARATYPES, 5 males, type locality.
P39651 PARATYPES, 3 males, Elizabeth Reef, Tasman Sea, 29°58'S 159°03'E, hand net and spotlight at night, A. Gill on RV Flamingo Bay, December 1987, Site 35B.
annulata, Tasmanorchestia Friend, 1987: 67, figs 65-69.
Pitiosporum bicolor litter, J.A. Friend, 29 October 1977, 7913-592483.
P37369 PARATYPE, male, type locality.
P37370 PARATYPE, 1 male, 1 female, 2.2 km south of 4-mile peg, Savage River pipeline road, Tasmania, Australia, 41°25.5'S 145°14'E, A.M.M. Richardson et al, 11 May 1975, 7915-523123.

anophthalma, Phreatochiltonia Zeidler, 1991: 180, figs 3-35.
P40445 PARATYPES, 2 males, 3 females, Dalhousie Springs, South Australia, 26°26.8'S 135°29.7'E, small seep on large mound, W.F. Ponder and D. Winn, 9 June 1985, Station Db4A.

antarctica, Seba Walker, 1906b: 154.
P3185 SYNTYPES, 2 specimens, Winter Quarters Bay, Antarctica, [77°51'S 166°39'E], in sponge, British Museum Discovery Expedition, 19 March 1903.

antarcticus, Proboloides Walker, 1906a: 13.
P3182 SYNTYPES, 2 specimens, Winter Quarters Bay, Antarctica, [77°51'S 166°39'E], in sponge, British Museum Discovery Expedition, February-December 1902

apari, Birubius Barnard & Drummond, 1978: 228, figs 101-104.
P26130 HOLOTYPE, female “a”, Murray’s Beach, Jervis Bay, New South Wales, Australia, 35°09'S 151°45'E, Halophila bed, 6 m, NSW State Fisheries Estuarine Benthic Survey, 25 April 1972, EBS 31.
P26131 PARATYPE, juvenile “j”, type locality, Zostera, 6 m, EBS 20.
P26132 PARATYPE, juvenile “d”, type locality, Zostera, 6 m, EBS 22.
P26154 PARATYPE, male “f”, Antechamber Bay, Kangaroo Island, South Australia, [35°50'S 138°03'E], light trap, CSIRO Fisheries, 12 December 1939.
P26155 PARATYPE, male “a”, same data as P26154.

aporema, Tagua Lowry & Fenwick, 1983: 238, figs 24-26.
P28557 PARATYPES, 2 specimens, off Shoal Island, Port Ross, Auckland Islands, New Zealand, 50°32'S 166°14'E, shelly gravel bottom, J.K. Lowry, 7 February 1973, SA-1502.

arenicola, Oedicerus Haswell, 1879b: 325, pl. 24 fig. 3.
P41784 NEOTYPE, male “a”, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [designated as lectotype by Barnard & Drummond, 1982b: 619; the material from which this specimen was chosen cannot be shown to be Haswell’s original material; the designation is here interpreted as that of a neotype; published registration number: 10406].

arkoolis, Belmos Myers, 1988: 305, figs 35-39.
P37435 PARATYPE, female, Stokes Bay, Kangaroo Island, South Australia, [35°37'S 137°12'E], algae at low tide, L.K. Handlely, 4 March 1978.
P38615 PARATYPE, male, same data as P37435.
P38616 PARATYPE, female, same data as P37435.

auspicatus, Rifcus Kudrjaschov, 1965: 513, fig. 1.
P35700 PARATYPE, Okhotsk Sea, Station 187, [donated by: Zoological Institute, Leningrad, No. 46658].
australiae, Cheiriphotis Stebbing, 1910: 611, pl. 54.
P2515 SYNTYPES, many specimens, 3 km offshore, Shoalhaven Bight, New South Wales, Australia, [34°30'S 151°03'E], sand, 33-27 m, E.R. Waite on HMCS Thetis, 19 March 1898, Station 50.
P2516 SYNTYPE, 6.5-10.5 km off Manning River, New South Wales, Australia, [31°57'S 152°46'E], fine grey sand, 40 m, E.R. Waite on HMCS Thetis, 5 March 1898, Station 28.
australiensis, Niphargus Chilton, 1923: 80, fig. 1.
P5852 HOLOTYPE, Macleay River, South West Rocks, New South Wales, Australia, [30°53'S 153°04'E], tidal lagoon, 400 m from sea, south west creek, J.R. Kinghorn, 1920, [specimen not located, March 1993].
australiensis, Lysianassa Haswell, 1879b: 323, pl. 18 fig. 3.
P3433 POSSIBLE SYNTYPES, 8 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [discussed by Lowry & Poore, 1985: 266].
australis, Ampelisca Haswell, 1879d: 257, pl. 8 fig. 6.
P3431 POSSIBLE SYNTYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection [discussed by Lowry & Poore, 1985: 266].
australis, Icilius Haswell, 1879d: 274, pl. 12 fig. 2.

G5386 POSSIBLE SYNTYPES, 4 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as types (A.R. McCulloch, 1905)].

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australis, Melita Haswell, 1879d: 264, pl. 9 figs 6-7.

G5393 POSSIBLE SYNTYPES, 5 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as types (A.R. McCulloch, 1905)].
P3495 POSSIBLE SYNTYPE, same data as G5393, Old Collection.

australis, Pherusa Haswell, 1880b: 103, pl. 7 fig. 1.
P35636 NEOTYPE, male, Cape Banks, Botany Bay, New South Wales, Australia, [34°00.5'S 151°14.5'E], rock pools in supralittoral zone, P. Verstegen, 5 March 1985, [designated by Barnard & Drummond, 1992: 3].

australis, Protella Haswell, 1879d: 276, pl. 12 fig. 4.

G2557 POSSIBLE SYNTYPES, 5 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection.
G2558 POSSIBLE SYNTYPES, 10 specimens, type locality, Old Collection.
P3385 POSSIBLE SYNTYPES, many specimens, type locality, Old Collection.

australis, Siphonoecetes Stebbing, 1910: 619, pl. 56, all figs except c.
P2530 LECTOTYPE, 3-4 km off Botany Bay, New South Wales, Australia, [34°05'S 151°15'E], mud, 91-95 m, E.R. Waite on HMCS Thetis, 11 March 1898, Station 37, [designated by Just, 1985: 333].

balara, Mallacoota Berents, 1983: 133, figs 25-26.
P30133 HOLOTYPE, male, fringing reef between Bird Islet and South Island, Lizard Group, Queensland, Australia, 14°42'S 145°28'E, reef rock, 12 m, P.A. Hutchings, 1 August 1977, 76 LIZ A.
P30134 PARATYPE, female, type locality.
P30135 PARATYPES, 2 specimens, type locality.
P30136 PARATYPE, male, reef back, Yonge Reef, Great Barrier Reef, Queensland, Australia, 14°36'S 145°37'E, dead Acropora, 5 m, P.B. Berents and P.A. Hutchings, 7 January 1975, 75 LIZ C-1.
P30137 PARATYPES, 4 specimens, off Mangrove Beach, Lizard Island, Queensland, Australia, 14°41'S 145°27.6'E, mixed algae, 2 m, J.K. Lowry, 28 September 1978, LI-1.
P30138 PARATYPES, 2 specimens, same locality as P30133, 6 November 1976, 76 LIZ A.

ballina, Ampelisca Lowry & Poore, 1985: 266, figs 5-6.
P22666 HOLOTYPE, male, east of Malabar, New South Wales, Australia, 33°58'S 151°33'E, dredged, 187 m, Australian Museum Shelf Benthic Survey, 9 August 1973, AMSBS 44.
P34151 PARATYPE, south-east of Broken Bay, New South Wales, Australia, 33°43'S 151°40'E, dredged, 143 m, FRV Kapala, 5 December 1978, K78-26-02.

barringtonensis, Gammarus Chilton, 1916: 86, figs 4-12.
P4083 LECTOTYPE, female "i", Barrington Tops, near Dungog, New South Wales, Australia, [32°24'S 151°45'E], 1402 m altitude, C. Hedley, December 1915, [designated by Williams & Barnard, 1988: 46].
P4080 PARALEICTOTYPE, 4 specimens, including juvenile "a", and 3 damaged specimens, same data as P4083.
bassiana, Ingolfiella Lowry & Poore, 1989: 938, figs 5-8.
P38458 PARATYPE, male, 75 km west-south-west of Cape Otway, Victoria, Australia, 39°02.4'S 142°37.8'E, shelly sand, dredged, 121 m, G.C.B. Poore on HMAS Kimba, 9 October 1980, BSS 64.
P38459 PARATYPE, “female”, type locality.
bassianus, Arcitalirus Friend, 1987: 35, figs 30-33.
P37350 HOLOTYPE, female, 1.5 km north-north-east of Kate's Point, Robbins Island, Tasmania, Australia, 40°43.5'S 144°55'E, in swampy area beside creek, J.A. Friend, 10 February 1979, 7816-238894.
P37351 PARATYPE, male, type locality.
P37352 PARATYPES, 1 ovigerous female, 2 female, 1 juvenile, type locality.
bega, Byblis Lowry & Poore, 1985: 287, figs 22-23.
P23168 HOLOTYPE, 1 km east of Burwood Beach, New South Wales, Australia, 32°57.5'S 151°44.7'E, fine sand, Shipek grab, 26 m, Australian Museum Hunter District Water Board Survey, 20 March 1975, HDWBS 01.
P22671 PARATYPE, east of Malabar, New South Wales, Australia, 33°57'S 151°19'E, medium to fine sand, Shipek grab, 45 m, Australian Museum Shelf Benthic Survey, 15 May 1972, AMSBS 2A.
P23169 PARATYPE, 1.5 km east of Burwood Beach, New South Wales, Australia, 32°57.5'S 151°45'E, mud and gravel, Shipek grab, 28 m, Australian Museum Hunter District Water Board Survey, 20 May 1975.
beljaeva, Paracallisomopsis Gurjanova, 1962: 317, fig. 103a-c.
P35701 SYNTYPE, Bering Sea, G.M. Beljaev, 16 September 1950, Vitjaz Station 602, [donated by: Zoological Institute, Leningrad, No. 1-34963].
bids, Bemlos Myers, 1988: 293, figs 24-25.

P37430 HOLOTYPE, male, Great Detached Reef, near Raine Island, Queensland, Australia, 11°43'S 144°03'E, reef flat behind seaward face, 10 m, Australian Museum Party, 10 February 1979, FNQ 79-23.

brevicornis, Polycheria brevicornis, Amaryllis brazieri, Colomastix bolivari, Podoprion bilobata, Gitana bidens, Bernlos bidura, Ampelisca P3505 POSSIBLE SYNTYPES, 3 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection.

buchalius, Buneralis Barnard & Drummond, 1982a: 28, figs 7-12.

P33655 PARATYPE, juvenile “h”, Spencer Park, Merimbula, New South Wales, Australia, [36°54'S 149°55'E], low water, fine clean sand, J. Day and P. Hutchings, Merimbula Estuary Survey, 9 May 1975, MER 37B.

buerles, Phofocephalus Barnard & Drummond, 1978: 435, figs 223-225.

P26181 HOLOTYPE, female “f”, east of Long Bay, Malabar, New South Wales, Australia, 33°58'S 151°22'E, sandy gravel, Shipek grab, 92 m, Australian Museum Shelf Benthic Survey, 22 May 1972, AMSBS C754.

P26182 PARATYPE, female “h”, type locality.

P26183 PARATYPE, male “n”, 6 km east of Magic Point, Malabar, New South Wales, Australia, 33°58'S 151°18'E, medium to fine sand, Shipek grab, 71 m, Australian Museum Shelf Benthic Survey, 15 September 1972, AMSBS D3S3, [published date: 19 May 1972].

calooana, Ampelisca Lowry & Poore, 1985: 271, figs 9-10.

P34169 HOLOTYPE, north-east of Long Reef, New South Wales, Australia, 33°43'S 151°16'E, reef flat behind seaward face, 10 m, Australian Museum Party, 10 February 1979, FNQ 79-23.

P34170 PARATYPES, 2 specimens, type locality.

P34171 PARATYPE, north-east of Port Kembla, New South Wales, Australia, 33°46'S 151°43'E, dredged, 176 m, FRV Kapala, 5 December 1978, K77-23-01.

P25472 PARATYPES, 4 specimens, east of Port Kembla, New South Wales, Australia, 34°26-27'S 151°27'E, Globigerina ooze, dredged, 1200 m, J.K. Lowry on FRV Kapala, 13 December 1976, K76-23-02.

bilobata, Gitana Myers, 1985: 17, fig. 9.

P35175 HOLOTYPE, female, 7 micro-slides, Nananui Ra, Viti Levu, Fiji, 18°10'S 177°32'E, coral rubble from lagoon, A.A. Myers, 7 October 1979, Station 55, [published registration number: P35173].

bolivari, Podoprion Chevreux, 1891: 2, pl. 1.

P35540 SYNTYPES, 3 specimens, Baie De Vigo, Spain, [42°15'N 8°44'W], trap baited with fish, 20 m, Yacht Melita, 13 November 1899, Station 241, [donated by: Museum National d'Histoire Naturelle, Paris, Am2600].

braziier, Colomastix Haswell, 1879e: 341, pl. 22 fig. 4.

P3419 POSSIBLE SYNTYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection.

brevicornis, Amaryllis Haswell, 1879d: 254.

G5417 SYNTYPES, 5 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [considered by present authors to be syntypes because they are from the Old Collection; only Haswell could identify the species; and the species was synonymised (Stebbing, 1906: 24) soon after it was described. Labelled as types (A.R. McCulloch, 1905)].

P3440 SYNTYPES, 30 specimens, type locality, Old Collection, [see note for G5417].

brevicornis, Polycheria Haswell, 1879e: 346.

P3505 POSSIBLE SYNTYPES, 3 specimens, Port...
cangellus, Tuldarus Barnard & Drummond, 1982a: 119, figs 44-46 (part).

P23326 PARATYPE, female “z”, 1.5 km east of Burwood Beach, New South Wales, Australia, 32°58′S 151°45′E, coarse sand, Shipek grab, 28 m, Australian Museum Hunter District Water Board Survey, 28 April 1975, HDWBS 06030305.

capillimanus, Podocerus Nicholls, 1938: 129, fig. 67.

P18729 SYNTYPES, 11 specimens, Garden Bay, Macquarie Island, Australia, [54°35′S 158°55′E], from rocks below low water, Australasian Antarctic Expedition, 17 November 1912.

P31683 SYNTYPES, 4 specimens, north end, Macquarie Island, Australia, [54°29′S 158°58′E], spongy rock covering, Australasian Antarctic Expedition, 2 January 1913, Station C-47.

P31684 SYNTYPES, 2 specimens, same data as P31683.

capricornus, Ichnopus Lowry & Stoddart, 1992: 198, figs 6-8.

P39644 HOLOTYPE, non-ovigerous female, Heron Island, Queensland, Australia, 23°26′S 151°55′E, intertidal baited fish trap, on boulder ridge on north side of island, N.L. Bruce, 25 June 1979, QLD 85.

P39645 PARATYPE, 35 specimens, type locality.

P39646 PARATYPE, 230 specimens, type locality, baited fish trap, on beach rock, low tide level, A.J. Bruce, 12 June 1978, QLD 86.

caritus, Ichnopus Lowry & Stoddart, 1992: 201, figs 9-10.

P39652 HOLOTYPE, ovigerous female, off Possession Point, King George Sound, Western Australia, 35°02.S 117°55′E, 10 m, sand and detritus from bases of seagrasses, R. Springthorpe and J.K. Lowry, 14 December 1983, WA 131.

P39653 PARATYPE, 13 specimens, type locality.

castellatus, Onesimoides Lowry & Stoddart, 1993: 83, figs 17-20.

P41426 PARATYPE, female, north of Lubang Island, Philippine Islands, 14°00′N 120°18′E, 174-193 m, RV Coriolis, 22 November 1980, MUSORSTOM 2 CP17.

P41427 PARATYPE, male, same locality as P41426, 193-200 m, 1 June 1985, MUSORSTOM 3 103.

P41428 PARATYPE, female, Kai Islands, Indonesia, 5°17′S 132°50′E, 315-349 m, RV Baruna Jaya 1, 24 October 1991, KARUBAR CP16.

P41429 PARATYPE, male, Kai Islands, Indonesia, 5°21′S 132°30′E, 329-389 m, RV Baruna Jaya 1, 23 October 1991, KARUBAR CC10.

chelifer, Microdeuteropus Haswell, 1879c: 340, pl. 22 fig. 3.

P3497 PROBABLE SYNTYPE, Port Jackson, New South Wales, Australia, [33°51′S 151°16′E], Old Collection, [invalid designation of holotype status by Myers, 1969: 107].

chiltoni, Ceradocoides Nicholls, 1938: 123, fig. 63.

P18710 HOLOTYPE, female, Commonwealth Bay, Antarctica, [66°54′S 142°40′E], 421 m, Australasian Antarctic Expedition, 2 January 1914, Station 4.

P37850 HOLOTYPE, male, east of Middleton, d'Entrecasteaux Channel, Tasmania, Australia, [43°14′S 147°15′E], euhaline, T.M. Walker, 5 October 1973.

P37851 PARATYPE, female, type locality.

chiltoni, Seba Moore, 1987a: 258, figs 14-15.

P36292 HOLOTYPE, male, 10 micro-slides, Tinderbox, d'Entrecasteaux Channel, Tasmania, Australia, 43°04′S 147°20′E, from Ecklonia radiata holdfast, 4 m, P.G. Moore, 21 November 1980.

P36293 PARATYPE, male, 3 micro-slides, type locality.

P36294 PARATYPE, male, type locality.

chintoo, Birubius Barnard & Drummond, 1978: 264, figs 123-124.

P26148 HOLOTYPE, male “a”, Antechamber Bay, Kangaroo Island, South Australia, [35°50′S 138°03′E], light trap, CSIRO Fisheries, 12 December 1939, [Barnard & Drummond (1978) use P18125 as a station number. It is a registration number not assigned to this specimen].

P26149 PARATYPE, male “b”, type locality.

chosroides, Pontogeneia Nicholls, 1938: 101, figs 52b, 53.

P18734 SYNTYPES, 19 specimens, Garden Bay, Macquarie Island, Australia, [54°35′S 158°55′E], from rocks below low water, Australasian Antarctic Expedition, 17 November 1912, C-37.

P18735 SYNTYPES, 14 specimens, north end, Macquarie Island, Australia, [54°29′S 158°58′E], spongy rock covering, Australasian Antarctic Expedition, 2 January 1913, C-47.

P18736 SYNTYPE, same data as P18734.

P18737 SYNTYPES, 7 specimens, north end, Macquarie Island, Australia, [54°29′S 158°57′E], low tide, H. Hamilton, Australasian Antarctic Expedition, August 1913.
P18738 SYNTYPES, 5 specimens, Southeast Harbour, Macquarie Island, Australia, [54°45'S 158°57'E], roots of kelp, Australasian Antarctic Expedition, August 1913.

cchosroides denticulata, Pontogeneia Nicholls, 1938: 104, fig. 54.

P18740 SYNTYPE, Garden Bay, Macquarie Island, Australia, [54°35'S 158°55'E], from rocks below low water, Australasian Antarctic Expedition, 17 November 1912, C-37.

P18741 SYNTYPES, 5 specimens, north end, Macquarie Island, Australia, [54°29'S 158°58'E], spongy rock covering, Australasian Antarctic Expedition, 2 January 1913, C-47.

clematis, Lembos Moore, 1987b: 778, fig. 3.

P37001 HOLOTYPE, male, Variety Bay, Bruny Island, Tasmania, Australia, 42°12'S 147°24'E, Macrocystus pyrifera holdfast, 6-8 m, G.J. Edgar, 7 March 1985.

cosi, Orchomenopsis Chilton, 1912: 477, pl. 1 figs 8-9.

P32402 PARATECTOTYPES, 4 specimens, off Coats Land, Weddell Sea, Antarctica, [71°01'S 22°00'W], baited trap, 290 m, Scottish National Antarctic Expedition, 12 March 1904, Scotia 411, [designated by Lowry & Stoddart, 1983b: 382; donated by the Royal Scottish Museum (1921.143.938)].

ccmomnalis, Leucothoe Haswell, 1879d: 261, pl. 10 fig. 3.

G5395 POSSIBLE SYNTYPES, 4 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as types (A.R. McCulloch, 1905)].

P3470 POSSIBLE SYNTYPES, 12 specimens, type locality, Old Collection.

ccmomnalis, Maxillipius Lowry, 1984a: 196, figs 1-3.

P32333 HOLOTYPE, female, South Patch Reef, Bootless Bay, Papua New Guinea, 09°34.3'S 147°16.7'E, living on branches of the gorgonacean Melithiea sp. attached to coral bommie, 5 m, J.K. Lowry and S.P. Arnam, 6 November 1980.

P32334 PARATYPES, 52 specimens, type locality.

cocoo seru, Moolapheonoides Myers, 1985: 20, fig. 12.

P35179 HOLOTYPE, 3 micro-slides, Mburelevu, Viti Levu, Fiji, 17°40'S 178°30'E, living Acropora sp. on reef flat, A.A. Myers, 25 August 1979, Station 31.

corinellae, Drummondia Lowry, 1984b: 64, figs 7-9.

P34115 PARATYPES, 2 specimens, Western Port, Victoria, Australia, 38°26.64'S 145°18.79'E, sand, Smith-McIntyre grab, 14 m, Marine Studies Group, Ministry for Conservation, Victoria, 26 November 1973, WBES 1730.

coxacanthus, Ericthonius Moore, 1988b: 723, figs 11-13.

P37741 HOLOTYPE, male, Cliff Head, Western Australia, 29°31'S 114°59'E, seagrass Amphibolis antarctica, 2 m, G.J. Edgar, 5 January 1986, CA-1.

P37742 PARATYPES, 3 males, 3 females, type locality.

crassicornis, Allorchestes Haswell, 1879d: 252, pl. 7 fig. 5.

P3393 SYNTYPE, Kiama, New South Wales, Australia, [34°40'S 150°51'E], Old Collection.

crassipes, Harmonia Haswell, 1879e: 330, pl. 19 fig. 3.

G5394 POSSIBLE SYNTYPES, 2 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as types (A.R. McCulloch, 1905)].

P3467 POSSIBLE SYNTYPE, type locality, Old Collection.

crassipes, Moera Haswell, 1880b: 103, pl. 7 fig. 2.

P3473 POSSIBLE SYNTYPES, 3 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection.

crenatus, Austrostroides Friend, 1982: 472, figs 7-9.

P30710 HOLOTYPE, female, on bank of Brownhill Creek, Adelaide Hills, South Australia, [34°59'S 138°37'E], A.M.M. Richardson, 24 August 1977.

P30694 PARATYPES, male, 8 females, 2 immature, type locality.

P30711 PARATYPE, male, type locality.

crenulata, Socarnopsis Chevreux, 1911: 165, fig. 2, pl. 7 figs 1-13.

P38935 SYNTYPES, 2 specimens, Cape Tedles, Algeria, Mediterranean Sea, [36°55'N 04°09'E], trapped over sand, 10 m, E. Chevreux, 13 August 1892, Station 522, [donated by: Museum National d'Histoire Naturelle, Paris, Am 2604].

crenulatus, Elasmopus Berents, 1983: 113, figs 10-12.

P30095 HOLOTYPE, male, off Chinaman's Ridge, Watson's Bay, Lizard Island, Australia, 14°40'S 145°27'E, from reef rock, 7 m, P.A. Hutchings, 28 July 1977, 76 LIZ B.
P30096 PARATYPE, female, type locality, P.B. Berents, 25 August 1976.
P30097 PARATYPES, 2 specimens, type locality.
P30098 PARATYPES, 2 specimens, P.B. and P.M. Berents, 8 April 1977.

crenulatus, Podocerus Myers, 1985: 60, fig. 44.
P35190 HOLOTYPE, male, Momi Bay, Viti Levu, Fiji, 17°55'S 177°16'E, Amphiropoa sp. on sand flat, mid-shore, A.A. Myers, 7 September 1979, Station 41.
P35191 PARATYPES, 2 male, 2 females, type locality.

cryptus, Mysticotalitus Friend, 1987: 30, figs 25-28.
P37347 HOLOTYPE, female, near Brown's Road, Fern Tree, Mount Wellington, Tasmania, Australia, 42°55.5'S 147°13.5'E, in litter in eucalyptus forest, unburnt in 1967 bush fires, J.A. Friend, 2 February 1979, 8312-197470.
P37348 PARATYPE, male, type locality.
P37349 PARATYPES, 4 males, 11 ovigerous females, 1 juvenile, type locality.

creno charisma, Leucothoe Moore, 1987a: 251, figs 9-10.
P36290 HOLOTYPE, female, 14 micro-slides, Tinderbox, d'Entrecasteaux Channel, Tasmania, Australia, 43°04'S 147°20'E, from Ecklonia radiata holdfast, 3-4 m, P.G. Moore, 21 November 1980.
P36291 PARATYPE, female, type locality.

cudjoe, Cerapus Lowry & Thomas, 1991: 1461, figs 1-4.
P39498 PARATYPES, 25 males, 24 females, Cudjoe Channel, near Sawyer Key, Florida Keys, United States of America, 24°33'N 81°46'W, living on Cnidocystus marginatus (Allman), 5.5 m, J.D. Thomas and J.K. Lowry, 25 September 1989.
P39499 PARATYPES, many specimens, same data as P39498.

cyprioides, Pseudothaumatelson Nicholls, 1938: 53, fig. 28.
P18730 SYNTYPES, 1 female, 1 male, Commonwealth Bay, Antarctica, [66°54'S 142°40'E], 46 m, Australasian Antarctic Expedition, 1913.

dabita, Parawaldeckia Lowry & Stoddart, 1983b: 329, figs 33-36.
P31223 PARATYPES, 38 specimens, Senecio Pool, The Snares, New Zealand, [48°07'S 166°38'E], deep deposits of terrestrial plant detritus, 7 m, G.D. Fenwick, 6 January 1977, SA-3487.

dahl, Eriks Lowry & Stoddart, 1987: 1304, figs 1-4.
P36854 PARATYPES, 17 specimens, Paso Tenaum, south of Punta Tenaum, Gufo de Ancud, Chile, 42°21'S 73°22'W, 70 m, E. Dahl, Lund University Chile Expedition, 24 January 1949, LUCE M42A.

dalli, Kyska Shoemaker, 1964: 392, fig. 1.
P35548 PARATYPES, 6 specimens, Kyska Island, Western Aleutian Islands, Alaska, United States of America, [54°00'N 177°30'E], 15 m, W.H. Dall, 1873, [donated by: National Museum of Natural History, Washington, D.C., No.USNM 13249].

decacentrum, Dodecas Stebbing, 1910: 629, pl. 60.
P2546 SYNTYPES, 238 specimens, 2-3 km off Port Hacking, New South Wales, Australia, [34°03'S 151°12'E], sandy, 40-69 m, E.R. Waite on HMS Thetis, 10 March 1898, Station 35.
P2547 SYNTYPES, 56 specimens, 3-4 km off Botany Bay, New South Wales, Australia, [34°05'S 151°15'E], mud, 91-95 m, E.R. Waite on HMS Thetis, 10 March 1898, Station 37.

dentatum, Cyrtophium Haswell, 1879e: 342, pl. 22 fig. 5.
P3423 POSSIBLE SYNTYPES, 3 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection.

denticulatum, Pachynus Lowry, 1984b: 84, figs 25-27.
P24232 HOLOTYPE, east of Malabar, New South Wales, Australia, 33°57'S 151°19'E, medium sand, Shipek grab, 69 m, Australian Museum Shelf Benthic Survey, 17 May 1972.

dentifera, Moera Haswell, 1879e: 332, pl. 20 fig. 4.
P3476 POSSIBLE SYNTYPES, 8 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection.

dentur, ?Hippomedon Moore, 1989: 1453, figs 7-8.
P39391 HOLOTYPE, male, off Burnie, Tasmania, Australia, 41°02'S 146°00'E, stones and sand, near outfall of Tioxide works, 15 m, Marine Ecological Surveys Ltd., April 1986.

diemensis, Aspidophoreia Haswell, 1880c: 101, pl. 6 fig. 2.

G5418 POSSIBLE SYNTYPE, Tasmania, Australia, [labelled as holotype by person unknown].
dimboola, *Ampelisca* Lowry & Poore, 1985: 271, figs 11-12.

P23172 **HOLOTYPE**, 1.5 km east of Burwood Beach, New South Wales, Australia, 32°57.5’S 151°44.7’E, fine sand, 22 m, Australian Museum Hunter District Water Board Survey, 20 September 1975, HDWBS 02.

P23166 **PARATYPE**, type locality, 20-28 m, 18 December 1975, HDWBS 01, 02.

P23170 **PARATYPE**, same data as P23166.

P23173 **PARATYPE**, same data as P23166.

P23174 **PARATYPE**, same data as P23166.

dimboola, *Ampelisca* Lowry & Poore, 1985: 271, figs 11-12.

dixoni, *Paracyproidea* Moore, 1992: 377, figs 3-5.

P40975 **PARATYPES**, 10 specimens, Kambing Island, east coast Bali, Indonesia, 8°30’S 115°30’E, 25 m, from vertical cliff, I.M.T. Dixon, 8 April 1989.

dolichommata, *Photis* Stebbing, 1910: 609, pl. 55b.

P2506 **SYNTYPES**, 4 specimens, 6.5-10.5 km off Manning River, New South Wales, Australia, [31°57’S 152°46’E], fine grey sand, 40 m, E.R. Waite on HMCS *Thetis*, 5 March 1898, Station 28.

P2507 **SYNTYPES**, 4 specimens, 8-9.5 km off Cooge, New South Wales, Australia, [33°57’S 151°21’E], fine sand, 90-91 m, E.R. Waite on HMCS *Thetis*, 15 March 1898, Station 44.

P2508 **SYNTYPES**, 21 specimens, 2-3 km off Port Hacking, New South Wales, Australia, [34°03’S 151°12’E], sand, 40-69 m, E.R. Waite on HMCS *Thetis*, 10 March 1898, Station 35.

P2509 **SYNTYPES**, 12 specimens, 11-12.5 km off Wollongong, New South Wales, Australia, [34°27’S 151°04’E], sand, mud and rock, 101-102 m, E.R. Waite on HMCS *Thetis*, 18 March 1898, Station 48.

P2510 **SYNTYPES**, many, 13-8 km off Port Kembla, New South Wales, Australia, [34°30’S 151°03’E], mud and pebbles, 137-115 m, E.R. Waite on HMCS *Thetis*, 18 March 1898, Station 49.

P2511 **SYNTYPES**, 54 specimens, 3-4 km off Botany Bay, New South Wales, Australia, [34°05’S 151°15’E], mud, 91-95 m, E.R. Waite on HMCS *Thetis*, 11 March 1898, Station 37.

P2512 **SYNTYPES**, 130 specimens, same data as P2511.

P2513 **SYNTYPES**, 108 specimens, same data as P2511.

P2514 **SYNTYPES**, 336 specimens, 5.5-6.5 km off Wata Mooi (now known as Wattamolla), New South Wales, Australia, [34°10’S 151°11’E], mud, 108-99 m, E.R. Waite on HMCS *Thetis*, 22 March 1898, Station 57.

dronga, *Bircenna* Myers, 1985: 63, fig. 48.

P35194 **HOLOTYPE**, female, Makuluva Island, Viti Levu, Fiji, 18°11’S 178°30’E, mixed red algae, leeward side, reef flat, A.A. Myers, 13 August 1979, Station 23.

P35195 **PARATYPES**, 1 male, 2 females, type locality.

echinata, *Caprella* Haswell, 1879e: 346, pl. 23 fig. 2.

G2568 **POSSIBLE SYNTYPES**, 5 specimens, Port Jackson, New South Wales, [33°51’S 151°16’E], *Old Collection*.

echinata, *Iphimedia* Walker, 1906b: 150.

P3198 **SYNTYPE**, Winter Quarters Bay, Antarctica, [77°51’S 166°39’E], National Antarctic Expedition, 1901-1904.

eleebanus, *Birubius* Barnard & Drummond, 1978: 338, figs 167-170.

P26171 **HOLOTYPE**, female “a”, 2 km east of Magic Point, Malabar, New South Wales, Australia, 33°58’S 151°17’E, sand and shell fragments, Shipek grab, 49 m, 17 May 1972, AMSBS D2S4, [Barnard & Drummond, 1978: 340, designate the figures of female “a” as the holotype because some parts of another species may be mixed in the vial with those of female “a” (see note under *Birubius lorus*; published station number: D2S2].

P22914 **PARATYPE**, east of Malabar, New South Wales, Australia, 33°57’S 151°19’E, medium sand with shell fragments, Shipek grab, 49 m, Australian Museum Shelf Benthic Survey, 17 May 1972, AMSBS 2a.

P26172 **PARATYPE**, female “d”, type locality, D2S1.

P26173 **PARATYPE**, male “b", 1.6 km east of Malabar Sewer Outlet, New South Wales, Australia, 33°58’S 151°17’E, sand and shell fragments, dredge, 66 m, 30 July 1973, AMSBS 3, [published station number: AMSBS 4].
emarginata, *Lepidepecreella* Nicholls, 1938: 31, fig. 13.

P18717 **HOLOTYPE**, ovigerous female, Commonwealth Bay, Antarctica, [66°54'S 142°40'E], 527-549 m, Australasian Antarctic Expedition, 28 December 1913, Station 2.

emarginatus, *Oediceroides* Nicholls, 1938: 88, fig. 47.

P18718 **HOLOTYPE**, ovigerous female, Commonwealth Bay, Antarctica, [66°54'S 142°40'E], 527-549 m, Australasian Antarctic Expedition, 28 December 1913, Station 2.

ephippium, *Bemlos* Myers, 1988: 275, figs 7-10.

P37407 **HOLOTYPE**, male, Blue Lagoon, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], rubble from depressions in patch reef crest, 2-5 m, B. Kensley, 16 January 1982, BK-127, [published depth: 1.5-2.5 m].

P37408 **PARATYPES**, 2 females, type locality.

P37409 **PARATYPE**, male, reef flat between Bird Islet and South Island, Lizard Group, Queensland, Australia, [14°40'S 145°28'E], algal encrusted rubble, 1.5-2.5 m, B. Kensley, 16 January 1982, BK-126.

ephippium disjuncta, *Bemlos* Myers, 1988: 278, fig. 10.

P37415 **HOLOTYPE**, male, Red Bluff, Kalbarri, Western Australia, 27°42'S 114°09'E, mixed algae and sediment, 3-4 m, R.T. Springthorpe, 10 January 1984, W A-474.

P37416 **PARATYPES**, 2 males 2 females, type locality.

errichus, *Yan* Barnard & Drummond, 1978: 393, figs 201-202.

P18214 **HOLOTYPE**, male "a", Long Reef, Collaroy, New South Wales, Australia, [33°45'S 151°19'E], P. Hutchings, 16 November 1970.

euroa, *Ampelisca* Lowry & Poore, 1985: 273, figs 13-14.

errichus, *Yan* Barnard & Drummond, 1978: 393, figs 201-202.

errichus, *Ampelisca* Lowry & Poore, 1985: 273, figs 13-14.

errichus, *Yan* Barnard & Drummond, 1978: 393, figs 201-202.

excavata, *Mesoproboloides* Fenwick, 1977: 471, figs 1-18.

excavata, *Mesoproboloides* Fenwick, 1977: 471, figs 1-18.

falIoides, *Cerus* Lowry, 1981: 192, figs 6-9.

falIoides, *Cerus* Lowry, 1981: 192, figs 6-9.

fasciata, *Xenocheira* Haswell, 1879d: 272, pl. 11 fig. 6.

fasciata, *Xenocheira* Haswell, 1879d: 272, pl. 11 fig. 6.

fenwicki, *Ocosingo* Lowry & Stoddart, 1984: 203, figs 9-11.

fenwicki, *Ocosingo* Lowry & Stoddart, 1984: 203, figs 9-11.

fossick, *Protocrangonyx* Nicholls, 1926: 72, pl. 8.

fossick, *Protocrangonyx* Nicholls, 1926: 72, pl. 8.

fossick, *Protocrangonyx* Nicholls, 1926: 72, pl. 8.

frogina, *Bythopecten* Sayce, 1901: 230, pls 37-38.

frogina, *Bythopecten* Sayce, 1901: 230, pls 37-38.

gabrieli, *Atnooids* Sayce, 1901: 230, pls 37-38.

P5338 **SYNTYPES**, 3 specimens, Victoria, Australia.

gagenei, *Hawaiiochtes* Richardson, 1991: 191, figs 4-6.

P40428 **PARATYPES**, 3 females, 1 male, 1 juvenile, Lanipo Trail, Mau’uame Ridge, Ko’olau Mountains, Oahu Island, Hawaii, United States of America, litter under *Dicranopteris*, 518 m altitude, A.M.M. Richardson, 3 October 1980, OA51, OA53, OA56.
galateae distorta, Hyale Myers, 1985: 70, figs 52-53.

P35196 HOLOTYPE, male, reef crest, Malevu, Viti Levu, Fiji, 18°10'S 177°30'E, Sargassum cristaeofolium, A.A. Myers, 11 August 1979, Station 21.
P35197 PARATYPES, 20 males, 14 females, type locality.

gallangus, Birubius Barnard & Drummond, 1978: 247, figs 113-114.
P26141 HOLOTYPE, male “a”, Antechamber Bay, Kangaroo Island, South Australia, [35°50'S 138°03'E], light trap, CSIRO Fisheries, 12 December 1939, [Barnard & Drummond (1978) use P18125 as a station number. It is a registration number not assigned to this specimen].
P26142 PARATYPE, male “y”, type locality.
P26143 PARATYPE, male “n”, type locality.
P26144 PARATYPE, male “q”, type locality.
P26145 PARATYPE, male “e”, type locality.

gavialis, Leucothoe Myers, 1985: 93, fig. 73.
P35201 HOLOTYPE, male, 4 micro-slides, lagoon, Nanamui Ra, Viti Levu, Fiji, 17°15'S 178°12'E, sponges, A.A. Myers, 6 October 1979, Station 52.
gelane, Guernea Barnard, 1972: 168, figs 101-103.
P24193 HOLOTYPE, female, Merimbula, New South Wales, Australia, [36°54'S 149°54'E], intertidal weedy rock pools, M.M. Drummond, 6 February 1969.

gavialis, Leucothoe Myers, 1985: 93, fig. 73.
P35201 HOLOTYPE, male, 4 micro-slides, lagoon, Nanamui Ra, Viti Levu, Fiji, 17°15'S 178°12'E, sponges, A.A. Myers, 6 October 1979, Station 52.
gelane, Guernea Barnard, 1972: 168, figs 101-103.
P24193 HOLOTYPE, female, Merimbula, New South Wales, Australia, [36°54'S 149°54'E], intertidal weedy rock pools, M.M. Drummond, 6 February 1969.

gavialis, Leucothoe Myers, 1985: 93, fig. 73.
P35201 HOLOTYPE, male, 4 micro-slides, lagoon, Nanamui Ra, Viti Levu, Fiji, 17°15'S 178°12'E, sponges, A.A. Myers, 6 October 1979, Station 52.
gelane, Guernea Barnard, 1972: 168, figs 101-103.
P24193 HOLOTYPE, female, Merimbula, New South Wales, Australia, [36°54'S 149°54'E], intertidal weedy rock pools, M.M. Drummond, 6 February 1969.

gavialis, Leucothoe Myers, 1985: 93, fig. 73.
P35201 HOLOTYPE, male, 4 micro-slides, lagoon, Nanamui Ra, Viti Levu, Fiji, 17°15'S 178°12'E, sponges, A.A. Myers, 6 October 1979, Station 52.
gelane, Guernea Barnard, 1972: 168, figs 101-103.
P24193 HOLOTYPE, female, Merimbula, New South Wales, Australia, [36°54'S 149°54'E], intertidal weedy rock pools, M.M. Drummond, 6 February 1969.

gavialis, Leucothoe Myers, 1985: 93, fig. 73.
P35201 HOLOTYPE, male, 4 micro-slides, lagoon, Nanamui Ra, Viti Levu, Fiji, 17°15'S 178°12'E, sponges, A.A. Myers, 6 October 1979, Station 52.
gelane, Guernea Barnard, 1972: 168, figs 101-103.
P24193 HOLOTYPE, female, Merimbula, New South Wales, Australia, [36°54'S 149°54'E], intertidal weedy rock pools, M.M. Drummond, 6 February 1969.

gavialis, Leucothoe Myers, 1985: 93, fig. 73.
P35201 HOLOTYPE, male, 4 micro-slides, lagoon, Nanamui Ra, Viti Levu, Fiji, 17°15'S 178°12'E, sponges, A.A. Myers, 6 October 1979, Station 52.
gelane, Guernea Barnard, 1972: 168, figs 101-103.
P24193 HOLOTYPE, female, Merimbula, New South Wales, Australia, [36°54'S 149°54'E], intertidal weedy rock pools, M.M. Drummond, 6 February 1969.

gavialis, Leucothoe Myers, 1985: 93, fig. 73.
P35201 HOLOTYPE, male, 4 micro-slides, lagoon, Nanamui Ra, Viti Levu, Fiji, 17°15'S 178°12'E, sponges, A.A. Myers, 6 October 1979, Station 52.
gelane, Guernea Barnard, 1972: 168, figs 101-103.
P24193 HOLOTYPE, female, Merimbula, New South Wales, Australia, [36°54'S 149°54'E], intertidal weedy rock pools, M.M. Drummond, 6 February 1969.

gavialis, Leucothoe Myers, 1985: 93, fig. 73.
P35201 HOLOTYPE, male, 4 micro-slides, lagoon, Nanamui Ra, Viti Levu, Fiji, 17°15'S 178°12'E, sponges, A.A. Myers, 6 October 1979, Station 52.
gelane, Guernea Barnard, 1972: 168, figs 101-103.
P32593 HOLOTYPE, ovigerous female “i”, 0.5 km east of Belmont South, New South Wales, Australia, 33°02’S 151°41’E, sand, Shipec grab, Australian Museum Hunter District Water Board Survey, 22 August 1975, HDWBS 09020102, [re-registered as P23342).

P23335 PARATYPE, female “j”, 0.5 km east of Dudley Beach, New South Wales, Australia, 32°59’S 151°44’E, sand, Shipec grab, 10 m, Australian Museum Hunter District Water Board Survey, 30 November 1975, HDWBS 13010104.

P32600 PARATYPE, female “h”, 0.5 km east of Merewether Beach, New South Wales, Australia, 32°57’S 151°46’E, Shipec grab, Australian Museum Hunter District Water Board Survey, July 1975, HDWBS-14010104.

haematopus, Stephensenia Schellenberg, 1928: 285, fig. 2.

P37721 SYNTYPES, 2 specimens, Paramo, Feuerland, Magellanic area, [53°01’S 68°16’W], from gullet of oyster catcher: Haematopus sp., Swedish Antarctic Expedition, 1901-1903, [donated by Zoological Museum Berlin #22719].

hake, Hippomedon Lowry & Stoddart, 1983b: 365, figs 60-62.

P32249 PARATYPE, Ho Ho Bay, The Snares, New Zealand, [48°07’S 166°38’E], coarse shelly sand, 30 m, G.D. Fenwick, 16 January 1977, SA-3498.

P32250 PARATYPE, same data as P32249, D.S. Horning, SA-3499.

P32251 PARATYPE, north side of Punui Bay, The Snares, New Zealand, [48°07’S 166°38’E], bryozoans from 27 m or coarse shelly sand from 50 m, D.S. Horning, 24 February 1977, SA-3560.

hamatopodus, Aroui Lowry & Stoddart, 1989: 114, figs 2-4.

P38460 HOLOTYPE, male, New South Wales waters, from stomach of jackass fish, Nemadactylus macropterus, 73-183 m, A.C.S., July 1939, NSW 187.

P38461 PARATYPE, female, type locality.

P38462 PARATYPE, 9 specimens, type locality.

hamigera, Moera Haswell, 1879e: 333, pl. 21 fig. 1.

P3477 POSSIBLE SYNTYPE, male, 7 micro-slides, Port Jackson, New South Wales, Australia, [33°51’S 151°16’E], [labelled as type (K. Sheard, 1939)].

hamiltoni, Paramoera Nicholls, 1938: 117, figs 52h, 52n, 60.

P18724 SYNTYPES, 2 specimens, Macquarie Island, Australia, [54°35’S 158°55’E], Australasian Antarctic Expedition, 1913.

P18725 SYNTYPES, 2 specimens, same data as P18724.

P18726 SYNTYPES, 2 specimens, same data as P18724.

P18727 SYNTYPES, 16 specimens, South East Harbour, Macquarie Island, Australia, [54°35’S 158°55’E], roots of kelp, Australasian Antarctic Expedition, 1911-14.

P18728 SYNTYPES, Macquarie Island, Australia, [54°35’S 158°55’E], from stomach of Notothenia macrocephala Gunther, caught in fish trap, 123 m, Australasian Antarctic Expedition, 1911.

hamondi, Ceradocopsis Moore, 1988a: 153, figs 3-5.

P37467 HOLOTYPE, male, de Witt Island, Tasmania, Australia, [43°36’S 146°21’E], red algae, 10 m, G.J. Edgar, 16 January 1979, [also known as Maatsuyker Island].

P37468 PARATYPES, 3 immature specimens, type locality.

harfootus, Cerapus Lowry, 1981: 184, figs 1-2, 9b, 10b.

P27383 PARATYPES, 3200 specimens, Saint Kilda Rocks, Kaikoura, New Zealand, [42°25’S 173°42’E], living on the green alga Caulerpa brownii in an exposed environment, 5-6 m, G.D. Fenwick, 2 November 1973.

hartmannae, Jassa Conlan, 1990: 2049, figs 2, 3, 5, 6, 14.

P34950 HOLOTYPE, male, Senecio Pool, The Snares, New Zealand, [48°07’S 166°38’E], Lessonia variegata holdfast, 1.5 m, G.D. Fenwick, 6 January 1977, SA-3492.

P37919 PARATYPES, 2 males, type locality.

hebes, Aora Myers & Moore, 1983: 172, figs 1, 9, 10, 13.

P22411 HOLOTYPE, male, east of North Head, Sydney, New South Wales, Australia, 33°49’S 151°18’E, 21 m, in association with sponge: Polymastea cratica, Australian Museum Shelf Benthic Survey, 20 February 1973, transect 09.
**P22412** PARATYPES, 20 specimens, type locality, 25 m, 26 February 1973, transect 07, [published registration number for all specimen lots: P22411].

**P22414** PARATYPES, 15 specimens, type locality, in association with sponge: *Teichonella labrinithica*, 27 February 1973, transect 07, [published registration number for all specimen lots: P22411].

**P31825** PARATYPES, 2 specimens, type locality, [published registration number for all specimen lots: P22411].

**P31826** PARATYPES, 4 specimens, type locality, 25.9 m, [published registration number for all specimen lots: P22411].

**hexacentrum**, *Dodecas* Mayer, 1903: 29, pl. 1 figs 14-15, pl. 6 figs 33-34.

**G2555** SYNTYPES, many, Watsons Bay, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], on sponge: *Thalassodendrum rubens*, T. Whitelegge, May 1887, [this sample is unsorted and contains sphaeromatid isopods and gammaridean amphipods in addition to caprellid amphipods].

**hirsuta**, *Parawaldeckia* Lowry & Stoddart, 1983b: 334, figs 37-39.

**P31266** PARATYPES, 6 specimens, west side of Southeast Harbour, Campbell Island, New Zealand, 52°36'S 169°09'E, sediment beneath boulder overhangs in *Macrocystis pyrifera* bed, 8 m, P.C. Terrill, 1 February 1980, CA-246.

**hirtipalma**, *Hoho* Lowry & Fenwick, 1983: 228, figs 19-22.

**P30508** PARATYPES, 8 specimens, north-west corner of Ho Ho Bay, The Snares, New Zealand, [48°07'S 166°38'E], among clumps of coralline algae, 14 m, G.D. Fenwick, 19 December 1976, SA-3459.

**holmesii**, *Ampelisca* Pearse, 1908: 27, fig. 1.

**P8298** SYNTYPES, 2 specimens, Oyster Bay, Fergusons Pass, Florida, United States of America, H. Humphill, May 1884, [donated by: National Museum of Natural History, Washington, D.C.].

**homochir**, *Atylus* Haswell, 1885: 101, pl. 13 figs 5-7.

**P3443** POSSIBLE SYNTYPES, 5 specimens, Port Stephens, New South Wales, Australia, [32°42'S 152°06'E], *Old Collection*.

**hurleyi**, *Stomacontion* Lowry & Stoddart, 1983b: 294, figs 8-11.

**P32014** PARATYPES, 3 specimens, north of Punui Bay, The Snares, New Zealand, [48°07'S 166°38'E], green alga, *Caulerpa brownii* on rock face, 16 m, D.S. Horning, 8 February 1975, SA-906.

**P32015** PARATYPES, 4 specimens, same locality as P32014, algae on rock face, 10-14 m, D.S. Horning, 8 February 1975, SA-908/909.

**hybophora**, *Gammarella* Lowry & Fenwick, 1983: 223, figs 16-18.

**P28524** PARATYPES, 15 specimens, Ho Ho Bay, The Snares, New Zealand, [48°07'S 166°38'E], under algal-covered boulders on coarse shelly sand, 30 m, G.D. Fenwick, 16 January 1977, SA-3497.

**hylaea**, *Aglestia* Friend, 1982: 485, figs 13c,d, 14-16.

**P30714** HOLOTYPE, female, O'Reillys, Lamington National Park, Queensland, Australia, 28°14'S 153°08'E, rainforest, 920 m, R.J. Kohout, 21 March 1973, ANIC Bereslate 460.

**P30671** PARATYPES, 14 specimens, 16 females, 68 immature, type locality, ANIC Bereslate 459.

**P30715** PARATYPE, male, type locality.

**hynesii**, *Austrocrangonyx* Williams & Barnard, 1988: 51, figs 24-25.

**P38548** HOLOTYPE, female “c”, 15 km from dingo fence, on road between Scone and Gloucester, near Barrington Tops, New South Wales, Australia, [32°00'S 151°30'E], fresh water stream, H.B.N. Hynes, 27 July 1978, A-155, [illustrated in part].

**P38549** PARATYPES, 7 specimens [including females: “f”, “g” and “h”], type locality.

**hyperocha**, *Aglestia* Friend, 1982: 479, figs 10-12, 13a-b.

**P30712** HOLOTYPE, ovigerous female, Cement Creek, 5 km. north of Warburton, Victoria, Australia, 37°43'S 145°42'E, leaf and log litter, J. Wier and J. Lawrence, 19 January 1978, ANIC Bereslate 591.

**P30676** PARATYPES, 4 females, 1 male, 12 immature, type locality.

**P30677** PARATYPES, 10 specimens, type locality, [donated to British Museum (Natural History)].

**P30713** PARATYPE, male, type locality.

**hystricis**, *Podocerus* Stebbing, 1910: 622, pl. 58.

**P2535** SYNTYPES, 10 specimens, 2-3 km off Port Hacking, New South Wales, Australia, [34°03'S 151°12'E], sand, 40-69 m, E.R. Waite on HMCS *Thetis*, 10 March 1898, Station 35.

**P2536** SYNTYPES, 8 specimens, 3-4 km off Botany Bay, New South Wales, Australia, [34°05'S
incognita, Gammaropsis Moore, 1988a: 157, figs 6-7.

P37469 HOLOTYPE, male, 8 micro-slides, Variety Bay, Bruny Island, Tasmania, Australia, [33°51.2'S 151°16.7'E], mud, 108-99 m, E.R. Waite on HMCS "Thetis", 22 March 1898, Station 57.

innocens, Ochlesis Stebbing, 1910: 582, pl. 48.

P2478 SYNTYPE, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10.7'S 151°11.1'E], mud, 108-99 m, E.R. Waite on HMCS "Thetis", 22 March 1898, Station 57.

insulae, Grandidierella Myers, 1981b: 220, fig. 5.

P29727 HOLOTYPE, male, north end of Old Settlement Beach, Lord Howe Island, Australia, 31°32.9'S 159°04.8'E, under intertidal rocks, J.K. Lowry and G.D. Fenwick, 11 May 1977, LHA-13.

P31827 PARATYPE, female, type locality.

integer, Elasmopus Myers, 1989: 68, figs 5-6.

P38607 HOLOTYPE, male, 1 km north of Paoaoa, Bora, Society Islands, 16°30'S 151°45.5'W, among Padina in sheltered lagoon, A.A. Myers, 29 November 1986, Station 9.

P38608 PARATYPES, 6 specimens, type locality.

intermedia, Iphimediella Nicholls, 1938: 71; fig. 37.

P31682 SYNTYPES, 9 specimens, Commonwealth Bay, Antarctica, [66°54.5'S 142°40'E], ooze with diatoms, 520-530 m, Australasian Antarctic Expedition, 28 December 1913, Station 2, [transferred from Western Australian Museum 309-64; published depth: 540 m].

iickerus, Cumnurra Barnard & Drummond, 1978: 93, figs 30-32.

P26167 HOLOTYPE, male “a”, Antechamber Bay, Kangaroo Island, South Australia, [35°50.3'S 138°03.8'E], light trap, CSIRO Fisheries, 12 December 1939, [Barnard & Drummond (1978) used P18125 as a station number. It is a registration number not assigned to this specimen].

ervisi, Australoecetes Just, 1985: 337, figs 11-13.

P35731 HOLOTYPE, male, off Moona Creek, Jervis Bay, New South Wales, Australia, 35°03.3'S 150°52.2'E, fine sand and detritus, hand dredge, along inner edge of low rock reef, SCUBA, 8 m, J. Just, P.B. Berents and R.T. Springthorpe, 16 November 1984, AU-68.

P35732 PARATYPES, 5 specimens, type locality.

P35733 PARATYPE, ovigerous female “a”, type locality.

jingera, Ampelisca Lowry & Poore, 1985: 278, figs 15-16.

P34135 HOLOTYPE, off Saint Helens Point, Tasmania, Australia, 41°20.6'S 148°30.5'E, fine claysand, 110 m, P. Colman, 25 March 1973, BMR S73-2038, [published station number: BMR 573-2038].

P34136 PARATYPES, 3 specimens, type locality.

joubini bidentata, Panoploea Nicholls, 1938: 64, fig. 33.

P18721 SYNTYPE, Commonwealth Bay, Antarctica, [66°54.5'S 142°40'E], 527-549 m, Australasian Antarctic Expedition, 28 December 1913, Station 2.

P18731 SYNTYPES, 2 specimens, same locality as P18721, 21 September 1912.

P18732 SYNTYPES, 5 specimens, same locality as P18721, 110 m, 21 January 1914, Station 7.

joubiphoxus, Jerildaria Barnard & Drummond, 1978: 443, figs 226-227.

P26169 HOLOTYPE, sex unknown “b”, Long Reef, Collaroy, New South Wales, Australia, 33°45.5'S 151°19.5'E, Australian Museum Shelf Benthic Survey, 43 m, 27 April 1972.

P26270 PARATYPE, sex unknown “w”, type locality.

justi, Jassa Conlan, 1990: 2041, figs 2-4, 6, 12.

P34745 SYNTYPE, male, Garden Bay, Macquarie Island, Australia, [54°30'S 158°57'E], red, brown and green algae, 1-3 m, J.K. Lowry and D.S. Horning, 20 November 1977, MA-10.

P37920 PARATYPE, female, type locality.

P37921 PARATYPES, 2 females, 7 juveniles, type locality.
kabblinus, Birubius Barnard & Drummond, 1978: 362, figs 182-183.

P32397 PARATYPES, 2 specimens, type locality.

kaia, Sistothee Myers, 1985: 153, figs 106-107.

kange Hulu, Tipimegus Barnard & Drummond, 1978: 58, figs 16-19.

kangiulun, Tipimegus Barnard & Drummond, 1978: 362, figs 106-107.

kaneohe navosa, Pleonexes Barnard & Drummond, 1978: 36, figs 27-28.

kappa, Amphithoe Myers, 1985: 22, fig. 15.

kappal, Sheardella Lowry, 1984b: 54, figs 1-3.

karaka, Parawaldeckia Lowry & Stoddart, 1983a: 265, figs 4-7.

karangai, Tipimegus Barnard & Drummond, 1978: 36, figs 16-19.

karaka, Parawaldeckia Lowry & Stoddart, 1983a: 265, figs 4-7.

karta, Conicostoma Lowry & Stoddart, 1983b: 394.

kotoa, Tittakunara Barnard & Drummond, 1979: 28, figs 16-18.

katoa, Tittakunara Barnard & Drummond, 1979: 28, figs 16-18.

kava, Aphithoe Myers, 1985: 22, fig. 15.

kavu, Amphithoe Myers, 1985: 22, fig. 15.

kekeae, Polynesoecetes Myers, 1989: 81, fig. 16.

kekeae, Polynesoecetes Myers, 1989: 81, fig. 16.

kekeae, Polynesoecetes Myers, 1989: 81, fig. 16.

kiva, Amphithoe Myers, 1985: 22, fig. 15.

kiva, Amphithoe Myers, 1985: 22, fig. 15.

kiva, Amphithoe Myers, 1985: 22, fig. 15.

kivau, Amphithoe Myers, 1985: 22, fig. 15.

kivau, Amphithoe Myers, 1985: 22, fig. 15.

kivau, Amphithoe Myers, 1985: 22, fig. 15.

kivau, Amphithoe Myers, 1985: 22, fig. 15.

kivau, Amphithoe Myers, 1985: 22, fig. 15.

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kivau, Amphithoe Myers, 1985: 22, fig. 15.

kivau, Amphithoe Myers, 1985: 22, fig. 15.

kivau, Amphithoe Myers, 1985: 22, fig. 15.

kivau, Amphithoe Myers, 1985: 22, fig. 15.
PARATYPES, 1 male, 4 females, 1 juvenile, type locality.

kurrawa, \textit{Urothoides} Barnard & Drummond, 1979: 39, figs 21-22, 24 (part).

P35861 PARATYPE, female "i", east of Boora Point, Malabar, New South Wales, Australia, 33°58'S 151°17'E, 66 m, Australian Museum Shelf Benthic Survey, 30 July 1973, AMSBS-4.

P35862 PARATYPE, female "h", east of Magic Point, Malabar, New South Wales, Australia, 33°58'S 151°21'E, medium sand, Shipek grab, 90 m, Australian Museum Shelf Benthic Survey, 22 May 1972.

P35863 PARATYPE, female "k", same data as P35862.

kyeemus, \textit{Birubius} Barnard & Drummond, 1978: 309, figs 150-151.

P26133 HOLOTYPE, female "a", 0.5 km off Towra Point, Botany Bay, New South Wales, Australia, [34°00'S 151°10'E], sand and shell grit, 3 m, NSW State Fisheries Estuarine Benthic Survey, 12 January 1973, EBS 148.

P26134 PARATYPES, females "b" and "c", type locality.

laevis, \textit{Pherusa} Haswell, 1879d: 260, pl. 9 fig. 4.

G5396 SYNTYPE, Kiama, New South Wales, Australia, [34°40'S 150°51'E], \textit{Old Collection}, [labelled as type (A.R. McCulloch, 1905)].

lanipo, \textit{Platorchestia} Richardson, 1991: 186, figs 1-3.

P40429 PARATYPES, 5 females, 7 males, 15 juveniles, Lanipo Trail, Mau'uma Ridge, Ko'olau Mountains, Oahu Island, Hawaii, United States of America, in moss on windward side of ridge, 760 m altitude, A.M.M Richardson, 30 September 1980, OH 23.

lapu, \textit{Elasmopus} Myers, 1985: 101, fig. 81.

P35205 HOLOTYPE, male, reef flat, Malevu, Viti Levu, Fiji, 18°10'S 177°30'E, \textit{Gelidiella} sp., A.A. Myers, 11 August 1979, Station 20.

P35206 PARATYPES, 25 males, 22 females, type locality.

latrans, \textit{Oedicerus} Haswell, 1879e: 324, pl. 29 fig. 1.

P3437 SYNTYPES, 2 specimens, Bondi Bay, New South Wales, Australia, [33°54'S 151°17'E], \textit{Old Collection}.

lea, \textit{Rikkarus} Barnard & Drummond, 1978: 471, figs 237-239.

P26174 HOLOTYPE, immature male "a", 1.6 km east of Malabar Sewer Outlet, New South Wales, Australia, 33°58'S 151°17'E, sand and shell fragments, dredge, 66 m, Australian Museum Shelf Benthic Survey, 30 July 1973, AMSBS 3, [published longitude and collection date: 150°16'E and 23 July 1973, respectively].

leptomerus, \textit{Austrotroides} Friend, 1987: 11, figs 5-7.

P37338 HOLOTYPE, female, ridge 2 km west of Sunrise Bay, South Coast Track, Tasmania, Australia, 43°36'S 146°38'E, beside track in dry woodland, J.A. Friend, 28 December 1975, 8210-708757.

P37339 PARATYPE, male, head of Arve River, west of Taylors Ridge, beside Old Hartz Track, Tasmania, Australia, 43°13'S 146°47'E, from dry \textit{Richea pandanifolia} leaves, J.L. Hickman and A.M.M. Richardson, 24 August 1973, 8211-829146.

P37340 PARATYPES, 2 males, same data as P37339.

lindae, \textit{Maera} Myers, 1989: 70, figs 7-8.

P38623 HOLOTYPE, female, Lagoon de Fare, Huahine, Society Islands, 16°43'S 151°02'W, \textit{Halimeda} from lagoon, 0-1 m, A.A. Myers, 27 November 1986, Station 7.

P38624 PARATYPES, 5 females, 2 immature, type locality, [published registration number: P38623].

lineata, \textit{Cypridioda} Haswell, 1879e: 321, pl. 18 fig. 2.

P40841 NEOTYPE, 18 micro-slides, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], \textit{Old Collection}, [designated by Moore, 1992: 374].

lobata, \textit{Pseudocyphocaris} Lowry & Stoddart, 1990: 167, figs 6-7, 8b.

P39216 HOLOTYPE, Padoz Reef off Gosem Island, near Madang, Papua New Guinea, 05°12'S 145°47'E, in association with \textit{Didemnum molle} coral rubble from patch reef, 3 m, J.D. Thomas, 7 January 1989, JDT/PNG 1.

longicornis, \textit{Allorchestes} Haswell, 1879d: 251, pl. 7 fig. 4.

P3394 SYNTYPE, Kiama, New South Wales, Australia, [34°40'S 150°51'E], \textit{Old Collection}.

longicornis, \textit{Austrotroides} Friend, 1987: 7, figs 1-3.

P37335 HOLOTYPE, female, left bank, South Cape Rivulet, South Coast Track, Tasmania, Australia, 43°36'S 146°45'E, in rotten eucalypt wood above ground, P. Allbrook, 6 September 1976, 8210-826726.

P37336 PARATYPE, male, 200 m south of Catamaran River, Beside Cockle Creek Road, Tasmania,
Australia, 43°33'S 146°53'E, under large Eucalyptus obliqua, J.A. Friend, 23 August 1974.

P37337 PARATYPES, 7 ovigerous females, type locality.

mabingi, Urothoides Barnard & Drummond, 1979: 62, figs 36-38.

P35858 HOLOTYPE, female “a”, east of Boora Point, Malabar, New South Wales, Australia, 33°58'S 151°17'E, 66 m, Australian Museum Shelf Benthic Survey, 30 July 1973, AMSBS-4.

macleayana, Orchestia Haswell, 1879d: 250, pl. 7 fig. 2.

P3405 SYNTAXP, Kiama, New South Wales, Australia, [34°40'S 150°51'E], Old Collection.

G5420 POSSIBLE SYNTAXP, 5 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as types (A.R. McCulloch, 1905)].

P3403 POSSIBLE SYNTAXP, 4 specimens, same data as G5420, Old Collection.

macquariae, Paramoera Nicholls, 1938: 119, figs 52j, 61.

P18722 HOLOTYPE, female, north end Macquarie Island, Australia, [54°35'S 158°55'E], on sandy beach, left by tide, Australasian Antarctic Expedition, 2 November 1912, Station C-31.

macracantha, Ceradocopsis Lowry & Fenwick, 1983: 218, figs 12-13.

P28514 PARATYPES, 8 specimens, east side of Rose Island, Port Ross, Auckland Islands, New Zealand, [50°31'S 166°15'E], among brown algae on rock, 1-3 m, D.S. Homing, 20 February 1973, SA-513.

P28516 PARATYPES, 3 specimens, Frenchs Islet, Port Ross, Auckland Islands, New Zealand, [50°32'S 166°18'E], among algae and algal holdfasts, 0-3 m, D.S. Homing, 17 February 1972, SA-1492.

malevua, Lelehua Myers, 1985: 72, fig. 55.

P35198 HOLOTYPE, male, reef flat, Malevu, Fiji, 18°10'S 177°30'E, Gelididiella sp., A.A. Myers, 11 August 1979, Station 20.

P35199 PARATYPES, 12 males, 10 females, type locality.

malpatun, Ichnopus Lowry & Stoddart, 1992: 210, figs 15-16.

P41009 HOLOTYPE, male, face of outer barrier between Rasch Pass and Wongat Island, Madang Lagoon, Papua New Guinea, 5°08.7'S 145°49.7'E, 95 m, baited trap on coarse sand near vertical face of coral and sponges, J.K. Lowry and J. Mizeu, 31 January-1 February 1990, JKL/ PNG-120.

mammarta, Urothoides Barnard & Drummond, 1979: 59, figs 34-35.

P35859 HOLOTYPE, female “b”, east of Boora Point, Malabar, New South Wales, Australia, 33°58'S 151°17'E, 66 m, Australian Museum Shelf Benthic Survey, 30 July 1973, AMSBS-4.

P35860 PARATYPES, juvenile “c”, type locality.
manene, Hippomedon Lowry & Stoddart, 1983b: 369, figs 63-65.

P32252 PARATYPES, 5 specimens, Ho Ho Bay, The Snares, New Zealand, [48°07'S 166°38'E], coarse shelly sand, 30 m, G.D. Fenwick, 16 January 1977, SA-3498.
P32253 PARATYPES, 8 specimens, same data as P32252, SA-3499.

mapela, Paracalliope Myers, 1985: 129, fig. 102.
P35213 HOLOTYPE, male, Suva Point, Viti Levu, Fiji, 18°10'S 178°27'E, Halophila ovata growing on sand at seaward fringe of mangals of Rhizophora stylosa, A.A. Myers, 29 August 1979, Station 36.
P35214 PARATYPES, 15 males, 7 females, type locality.

margueriei acuta, Iphimediella Nicholls, 1938: 69, fig. 36.
P18716 SYNTYPES, 3 females, specimens, Commonwealth Bay, Antarctica, [66°54'S 142°40'E], 640-732 m, Australasian Antarctic Expedition, 22 December 1913, Station 1.

maritimus, Austrotridoides Friend, 1987: 16, figs 9-12.
P37341 HOLOTYPE, female, Maatsuyker Island, Tasmania, Australia, 43°39'S 146°16.5'E, under tea tree near top of haulage, J.A. Friend, 16 January 1979, 8110-419669.
P37342 PARATYPE, male, on coast 3 km north of Cockle Creek, Tasmania, Australia, 43°33'S 146°53.5'E, in seaweed, eucalypt and bush litter at high water mark, A.M.M. Richardson, B. Knott, D. Coleman, 19 May 1976, 8210-912787.
P37343 PARATYPES, 2 females, 2 males, 1 juvenile, same data as P37342.

marmorata, ?Talorchestia Haswell, 1880b: 99, pl. 5 fig. 3.
P3410 POSSIBLE SYNTYPES, 2 specimens, Tasmania, Australia, Old Collection.
P3412 POSSIBLE SYNTYPES, 2 specimens, type locality, Old Collection.

mastersii, Megamoera Haswell, 1879d: 265, pl. 11 fig. 1.
P3487 POSSIBLE SYNTYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, (labeled as type (K. Sheard, 1939)).

matikuku, Hippomedon Lowry & Stoddart, 1983b: 373, figs 66-68.
P32254 PARATYPE, Ho Ho Bay, The Snares, New Zealand, [48°07'S 166°38'E], coarse shelly sand, 30 m, G.D. Fenwick, 16 January 1977, SA-3498.
P32255 PARATYPE, north side of Punui Bay, The Snares, New Zealand, [48°07'S 166°38'E], bryozoans from 27 m or coarse shelly sand from 50 m, D.S. Horning, 24 February 1977, SA-3560.

mawsoni, Cylindricalioides Nicholls, 1938: 59, figs 30, 31.
P18711 SYNTYPES, 4 specimens, Macquarie Island, Australia, [54°35'S 155°55'E], Australasian Antarctic Expedition, 1911-1914.
P18712 SYNTYPE, same locality as P18711, shore collection, 1913.
P18713 SYNTYPES, 2 specimens, same data as P18712.
P18714 SYNTYPE, same data as P18711.

mayamayi, Birubius Barnard & Drummond, 1978: 251, figs 115-118, 119(part)-121.
P26150 PARATYPE, female “s”, Towra Point, Botany Bay, New South Wales, Australia, [34°00'S 151°10'E], Zostera bed, 1 m, New South Wales State Fisheries Estuarine Benthic Survey, 17 April 1972, EBS 304.
P26151 PARATYPE, female “v”, Salt’s Bay, Lake Macquarie, New South Wales, Australia, [32°59'S 151°38'E], coarse sand, New South Wales State Fisheries Estuarine Benthic Survey, 10 July 1972, EBS 364, [published station number: EBS 304] in seaweed, eucalypt and bush litter at high water mark, A.M.M. Richardson, B. Knott, D. Coleman, 19 May 1976, 8210-912787.
P37343 PARATYPES, 2 females, 2 males, 1 juvenile, same data as P37342.

megalops, Atylopsis Nicholls, 1938: 93, figs 49, 52a.
P18709 HOLOTYPE, female, Commonwealth Bay, Antarctica, [66°54'S 142°40'E], 82-91 m, Australasian Antarctic Expedition, 14 December 1913, [listed as missing by Lowry, 1982: 320].

melanesiensis, Ampelisca Myers, 1985: 12, fig. 6.
P35173 HOLOTYPE, female, Suva Point, Viti Levu, Fiji, 18°10'S 178°27'E, in Halophila ovata growing on sand among Rhizophora stylosa at seaward fringe of mangals, A.A. Myers, 29 August 1979, Station 36.
P35174 PARATYPE, 3 specimens, type locality.

microdeuteropus, Atylus Haswell, 1880b: 102, pl. 6 fig. 3.
P3444 POSSIBLE SYNTYPES, 30 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection.

mildura, Byblis Lowry & Poore, 1985: 289, figs 26-27.
P34354 PARATYPES, 36 specimens, Port Phillip Bay, Victoria, Australia, 38°16.3'S 144°51.5'E,
sand, silt, clay, 24 m, Port Phillip Bay Environmental Survey, 8 December 1971, PPBES 976.

mindoro, Onesimoides Lowry & Stoddart, 1993: 88, figs 21-23.

P41430 PARATYPE, Mindoro Strait, Philippine Islands, 12°32'N 120°47'E, in an old piece of wood, 804-812 m, RV Coriolis, 3 June 1985, MUSORSTOM 3 CP116.
P41431 PARATYPE, male, off the north-west northern coast of Panay, Sibuyan Sea, Philippine Islands, 11°53'N 122°14'E, 240-267 m, RV Coriolis, 6 June 1985, MUSORSTOM 3 CP139.
P41432 PARATYPES, 1 female, 2 males, Kai Island, Indonesia, 5°30'S 132°52'E, 336-346 m, RV Baruna Jaya 1, 26 October 1991, KARUBAR CP25.

minutus, Metaphoxus Barnard & Drummond, 1978: 460, figs 234-236.
P26111 HOLOTYPE, female “a”, 0.5 km east of Boora Point, Malabar, New South Wales, Australia, 33°58'S 151°16'E, shelly gravel, high organic content, Shipek grab, 18 m, Australian Museum Shelf Benthic Survey, 17 May 1972, AMSBS C155, [published depth: 29 m].
P26112 PARATYPE, female “b”, type locality.
P26113 PARATYPE, male “n”, type locality.
P26114 PARATYPE, juvenile “g”, type locality.
P26115 PARATYPE, male “w”, type locality.
P26116 PARATYPE, juvenile “h”, type locality, 48 m, medium fine sand, 15 May 1972, AMSBS A255.
P31828 PARATYPE, male “f”, type locality.

minutum, Cyrtophium Haswell, 1879e: 343, pl. 22 fig. 6.
P3425 POSSIBLE SYNTYPES, 14 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection.

mirabilis, Endevoura Chilton, 1921: 44, fig. 4a-q.

E4845 SYNTYPE, 1 micro-slide, east coast of Flinders Island, Bass Strait, Tasmania, Australia, [40°00'S 148°30'E], FIS Endeavour Expedition, 1909-1914.
E6519 SYNTYPE, same data as E4845.
E6520 SYNTYPES, many, same data as E4845.
P5935 SYNTYPES, many, same data as E4845.

mollis, Bemlos Myers, 1988: 271, figs 4-6.
P37403 HOLOTYPE, male, Blue Lagoon, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], rubble, low algal turf on top of patch reef, 1.5 m, B. Kensley, 15 January 1982, BK-125.
P37404 PARATYPE, female, type locality.
P37406 PARATYPE, male, reef off North Point, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], rubble and Amphiroa from reef crest, 3 m, B. Kensley, 12 January 1982, BK-118.

monoculoides, Atylus Haswell, 1879e: 327, pl. 18 fig. 4.
P3445 POSSIBLE SYNTYPE, Clark Island, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection.

monodi, Heterocressa Nicholls, 1938: 57, fig. 29.
P18715 SYNTYPE, Macquarie Island, Australia, [54°35'S 155°55'E], siftings from kelp, Australasian Antarctic Expedition, 1913.

mooreana, Maera Myers, 1989: 72, figs 9-10.
P38625 HOLOTYPE, male, north-east entrance to Cook’s Bay, Moorea, Society Islands, 17°29'19"S 149°49'W, coral rock and Porolithon from lagoon, 0-1 m, A.A. Myers, 13 December 1986, Station 25.
P38626 PARATYPES, 2 specimens, type locality.

mortoni, Microdeuteropus Haswell, 1879e: 339, pl. 22 fig. 2.
P3498 PROBABLE SYNTYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [invalid designation of holotype status by Myers & Moore, 1983: 171].

mua, Parawaldeckia Myers, 1986: 272, figs 2-3.
P36954 HOLOTYPE, female, 3 micro-slides, inner reef, Pangaimotu Island, Vavau, Tonga, 18°40'S 174°00'W, among Amphiroa sp., A.A. Myers, 23 September 1979.

muldarpus, Birubius Barnard & Drummond, 1978: 242, figs 112-112.
P26120 HOLOTYPE, female “a”, 1 km east of Magic Point, Malabar, New South Wales, Australia, 33°58'S 151°16'E, sand with shell fragments, Shipek grab, 24 m, Australian Museum Shelf Benthic Survey, 17 May 1972, AMSBS D154, [published substrate and depth: coarse sand and 31 m respectively].
P26121 PARATYPE, juvenile “b”, type locality.
P26122 PARATYPE, female “c”, type locality, AMSBS D255.
P26123 PARATYPE, male “n”, Murray’s Beach, Jervis Bay, New South Wales, Australia, 35°09'S 151°45'E, Zostera bed, 6 m, NSW State Fisheries Estuarine Benthic Survey, 20 April 1972, EBS 20.
mullokus, *Wildus* Barnard & Drummond, 1978: 138, figs 55-57.

P26162 HOLOTYPE, male “a”, Antechamber Bay, Kangaroo Island, South Australia, [35°50'S 138°03'E], light trap, CSIRO Fisheries, 12 December 1939, [Barnard & Drummond (1978) use P18125 as a station number. It is a registration number not assigned to this specimen].

P26163 PARATYPE, male “v”, type locality.

P26164 PARATYPE, male “c”, Murray’s Beach, Jervis Bay, New South Wales, Australia, 35°09'°E, *Halophila* bed, 6 m, NSW State Fisheries Estuarine Benthic Survey, 25 April 1972, EBS 31.

*multispinatus*, *Austrogammarus* Williams & Barnard, 1988: 40, figs 19-21.

P38545 HOLOTYPE, male “t”, Stud Road, 3.2 km north of Dandenong, Victoria, Australia, [37°59'S 145°12'E], small pond, J. Lim, 22 July 1961, A-41.

P38546 PARATYPE, ovigerous female “u”, type locality.

*murivai*, *Colomastix* Myers, 1990: 149, fig. 1.

P39309 HOLOTYPE, 7 micro-slides, female, 2.5 km south of Aorangi Village, Raratonga, Cook Islands, 21°15.1'S 159°14.9'E, coral rubble from reef crest, 1 m, A.A. Myers, 12 November 1986, Station 2.

P39346 PARATYPE, ovigerous female “u”, type locality.

*murrarum*, *Protolembos* Myers, 1988: 315, figs 42-44.

P37436 HOLOTYPE, male, off Plantation Point, Jervis Bay, New South Wales, Australia 35°04'S 150°41'E, weed, P.B. Berents, 21 February 1982.

P37437 PARATYPES, 2 males, 4 females, type locality.

*naranui*, *Mallacoota* Myers, 1985: 121, fig. 95.

P35209 HOLOTYPE, male, lagoon, Nananui Ra, Viti Levu, Fiji, 17°15'S 178°12'E, *Halimeda*, A.A. Myers, 7 October 1979, Station 53.

P35210 PARATYPES, 7 males, 15 females, type locality.

*nanuoi*, *Ampelisca* Lowry & Poore, 1985: 278, fig. 17.

P34140 HOLOTYPE, east of Port Kembla, New South Wales, Australia, 34°27'-26'S 151°27'E, *Globigerina* ooze, dredged, 1200 m, J.K. Lowry on FRV *Kapala*, 13 December 1976, K76-23-02.

P34141 PARATYPES, 3 specimens, type locality.

*narus*, *Birubius* Barnard & Drummond, 1978: 288, figs 137-138.

P26135 HOLOTYPE, female “a”, Murray’s Beach, Jervis Bay, New South Wales, Australia, 35°09'S 151°45'E, *Zostera* bed, 6 m, NSW State Fisheries Estuarine Benthic Survey, 25 April 1972, EBS 20.

*neambulans*, *Orchestiella* Friend, 1987: 57, figs 54-57.

P37362 HOLOTYPE, female, Upper valley of Olga River, Tasmania, Australia, 42°50'S 145°51'E, in litter under *Eucalyptus*, *Leptospermum* understorey, J.A. Friend, Lower Gordon River Scientific Survey, 18 February 1976, pit 45, 8012-058558.

P37363 PARATYPES, 9 males, 11 females, 4 ovigerous females, 13 juveniles, type locality, [published numbers of females and juveniles: 12 and 12 respectively].

P37364 PARATYPE, male, south side of Lyell Highway, east of King William Saddle, Tasmania, Australia, 42°12.5'S 146°07.5'E, from litter, *Nothofagus* stand, J.L. Hickman et al., 19 February 1974, 8113-278261.

*neptunea*, *Leucothoe* Moore, 1987a: 254, figs 11-13.

P36287 HOLOTYPE, male?, 9 micro-slides, Tinderbox, d’Entrecasteaux Channel, Tasmania, Australia, 43°20'S 147°10'E, *Ecklonia radiata* holdfast, 4 m, P.G. Moore, 21 November 1980.

P36288 PARATYPE, male?, type locality.

*niger*, *Allorchestes* Haswell, 1879e: 319.

P3396 POSSIBLE SYNTYPES, 24 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], *Old Collection*.

*nigrocula*, *Photis* Lowry, 1979: 201, figs 1-3.

P27030 PARATYPES, 5 males, 10 females, North Arm, Port Pegasus, Stewart Island, New Zealand, 47°10'S 167°41'E, sandy substrate, Smith-McIntyre grab, 45 m, J.K. Lowry on MV *Acheron*, 23 March 1972.

*nitens*, *Lysianassa* Haswell, 1879d: 255, pl. 8 fig. 5.

P3435 POSSIBLE SYNTYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], *Old Collection*, [labelled as co-type (K. Sheard, 1939)].

*nootoo*, *Leongathus* Barnard & Drummond, 1978: 147, figs 58-60.

P26187 HOLOTYPE, female “a”, off Sydney, New South Wales, Australia, [33°58'S 151°29'E], gear OPG, 150 m, L.R. Thomas, CSIRO Fisheries, 18 June 1962.
octodentata, Pariphimediella

occidentalis, Austrotroides

oceanicus, Cerapus

nui, Parambasia

novaehollandiae, Proto

ovaehollandiae, Leucothoe

P18270 PARATYPE, female “w”, south-west of Cape Everard, Bass Strait, Australia, 38°15'S 149°12'E, gear OPG, 300 m, R.L. Thomas on HMAS Gascoyne, 20 June 1962, CSIRO G2/63/62, [now known as Point Hicks].

calyxus, Pseudonana

cerebralis, Richmondiella

cerebralis, Paraphimediella

Cerapus occidentalis, Austrotroides

P26188 PARATYPE, juvenile “c”, type locality.

P18270 PARATYPE, female “w”, south-west of Cape Everard, Bass Strait, Australia, 38°15'S 149°12'E, gear OPG, 300 m, R.L. Thomas on HMAS Gascoyne, 20 June 1962, CSIRO G2/63/62, [now known as Point Hicks].

novaehollandiae, Leucothoe Haswell, 1879e: 329, pl. 20 fig. 1.

P3471 POSSIBLE SYNTYPES, 3 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [no locality specified in original description].

novaehollandiae, Proto Haswell, 1879d: 275, pl. 12 fig. 3.

G2566 POSSIBLE SYNTYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [no locality specified in original description].

P3387 POSSIBLE SYNTYPES, 5 specimens, same data as G2566, Old Collection.

P3388 POSSIBLE SYNTYPES, 20 specimens, same data as G2566, Old Collection.

nui, Parambasia Myers, 1985: 96, fig. 76.

P35202 HOLOTYPE, female, lagoon, Nananui Ra, Viti Levu, Fiji, 17°15'S 178°12'E, Halimeda, A.A. Myers, 7 October 1979, Station 53.

occidentalis, Austrotroides Friend, 1982: 468, figs 4-6.

P30708 HOLOTYPE, ovigerous female, near Pipehead Dam, Serpentine River, Western Australia, [32°25'S 116°10'E], B. Knott, 20 August 1978.

P30688 PARATYPES, 2 males, 2 females (1 ovigerous), 1 juvenile, type locality.

P30709 PARATYPE, male, type locality.

oceanicus, Cerapus Lowry, 1985: 157, figs 1-5.

P34734 HOLOTYPE, male, Apia, Upolu, Western Samoa, 13°48'0'S 171°44'W, living on the seagrass Halodule sp. in lagoon, 0.5 m, A.A. Myers.

P34735 PARATYPE, female, type locality.

P34736 PARATYPE, male, type locality.

P34737 PARATYPE, male, type locality.

P34738 PARATYPE, male, type locality.

P34739 PARATYPE, male, type locality.

P34740 PARATYPES, 9 males, 15 females and juveniles, type locality.

octodentata, Pariphimediella Nicholls, 1938: 75, fig. 39.

P18720 HOLOTYPE, Commonwealth Bay, Antarctica, [66°54'S 142°40'E], 527-549 m, Australasian Antarctic Expedition, 28 December 1913, Station 2.

oonah, Haploops Lowry & Poore, 1985: 294, figs 29-30.

P34150 HOLOTYPE, east of Port Kembla, New South Wales, Australia, 34°27'-26'S 151°27'E, Globigerina ooze, dredged, 1200 m, J.K. Lowry on FRV Kapala, 13 December 1976, K76-23-02.

P25473 PARATYPES, 15 specimens, type locality.

ornata, Cyprioridida Haswell, 1879e: 320, pl. 18 fig. 1.

P34516 POSSIBLE SYNTYPES, 4 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as types (A.R. McCulloch, 1905)].

P34544 POSSIBLE SYNTYPES, many specimens, type locality, Old Collection.

oxyodus, Ceradocus Berents, 1983: 104, figs 3-4.

P31716 HOLOTYPE, male, Casuarina Beach, Lizard Island, Queensland, Australia, 14°40.5'S 145°26.6'E, under rocks at low tide mark, J.K. Lowry, A.R. Jones and P.C. Terrill, 11 October 1978, LI-39.

P31717 PARATYPES, 3 specimens, type locality.

pacificus, Cerapus Lowry, 1985: 163, figs 6-10.

P34724 HOLOTYPE, male, Nasese, Viti Levu, Fiji, 16°33'S 179°47'E, from the reef flat, living on the seagrass Syringodium isoetifolium, A.A. Myers, 7 September 1979.

P34725 PARATYPE, female, type locality.

P34726 PARATYPE, male, type locality.

P34727 PARATYPE, male, type locality.

P34728 PARATYPE, male, type locality.

P34729 PARATYPE, male, type locality.

P34730 PARATYPE, male, type locality.

P34731 PARATYPE, male, type locality.

P34732 PARATYPE, male, type locality.

P34733 PARATYPES, 12 males, 20 females and juveniles, type locality.

palustris, Eorchestia Richardson, 1993: 268, figs 1-3.

P41263 HOLOTYPE, female, estuary of Nierinna Creek, Northwest Bay, Tasmania, Australia, 43°03'S 147°17'E, under rocks in river bed at extreme high water, A.M.M. Richardson and R. Swain, 24 October 1989, Tasmap reference: 8311 EN217365.

P41264 PARATYPE, male, type locality.

P41265 PARATYPES, 17 males, 24 females, type locality.
papporus, *Japara* Barnard & Drummond, 1978: 475, figs 240-242.

P22918 **PARATYPES**, female “h”, juvenile “j”, east of Long Reef, New South Wales, Australia, 33°44’S 151°19’E, 43 m, Australian Museum Shelf Benthic Survey, 27 April 1972.

P31834 **PARATYPE**, male “g”, same data as P22918.

parasiticum, *Cyrtophium* Haswell, 1879d: 274, pl. 12 fig. 1.

G5388 **POSSIBLE SYNTYPES**, 2 specimens, Port Jackson, New South Wales, Australia, [33°51’S 151°16’E], *Old Collection*, [labelled as types (A.R. McCulloch, 1905)].

P3426 **POSSIBLE SYNTYPES**, 14 specimens, type locality, *Old Collection*.

parata, *Parawaldeckia* Lowry & Stoddart, 1983a: 268, figs 8-10.

P33777 **PARATYPES**, 2 specimens, Hawke Bay, New Zealand, 39°16.2’S 177°11.9’E, fine glutinous grey mud, cone dredge, 42 m, D.E. Hurley on MV *Ikatere*, 2 September 1957, NZOI B40.

parathambaroo, *Wildus* Myers, 1985: 132, figs 104-105.

P35215 **HOLOTYPE**, male, reef flat, Taunovo Bay, Viti Levu, Fiji, 18°15’S 178°00’E, *Syringodium isoetifolium*, A.A. Myers, 21 August 1979, Station 27.

P35216 **PARATYPE**, female, type locality.

parnggius, *Urohaustorius* Barnard & Drummond, 1982a: 74, figs 25(part)-26 (part).

P23352 **PARATYPE**, female “s”, 1 km east of Belmont Beach, New South Wales, Australia, 33°03’S 151°41’E, Shipek grab, 18 m, Australian Museum Hunter District Water Board Survey, 20 September 1975, HDWBS 09030203.

P23362 **PARATYPE**, male “o”, 500 m east of Burwood Beach, New South Wales, Australia, 33°03’S 151°41’E, Shipek grab, 14 m, Australian Museum Hunter District Water Board Survey, 20 May 1975, HDWBS 06030101.

parriwi, *Ichnopus* Lowry & Stoddart, 1992: 213, figs 17-18.

P39655 **HOLOTYPE**, female, between Parriwi Point and Rosherville Beach, Middle Harbour, Port Jackson, New South Wales, Australia, 33°48.6’S 151°14.8’E, 20 m, baited trap at night on mud bottom, S. Keable, D. Townsend and J.K. Lowry, 3 July 1988, Site 14.

P39656 **PARATYPES**, 95 specimens, type locality.

P39657 **PARATYPES**, 17 specimens, Parriwi Point, Middle Harbour, Port Jackson, New South Wales, Australia, 33°48.5’S 151°14.8’E, 8 m, baited trap at night on muddy sand bottom, S. Keable and J.K. Lowry, 23 September 1988, Site 49.

P39658 **PARATYPES**, 9 specimens, off Clontarf, Middle Harbour, Port Jackson, New South Wales, Australia, 33°48.5’S 151°14.9’E, 12 m, baited trap at night, S. Keable, J.K. Lowry, D. Townsend, 16 July 1988, Site 41.

parviramus, *Drummondia* Lowry, 1984b: 65, figs 10-12.

P33838 **HOLOTYPE**, Halifax Bay, Queensland, Australia, [19°10’S 146°44’E], 5 m, January 1978, Station 78-1-G.

P33839 **PARATYPE**, type locality.

pectinalis, *Austrotrooides* Friend, 1982: 463, figs 1-3.

P30707 **HOLOTYPE**, ovigerous female, 6.4 km north of Walpole, Western Australia, 34°55’S 116°43’E, karri forest leaf mould, 150 m altitude, R.W. Taylor, 22 October 1969, ANIC Berlesate 144.

P30706 **PARATYPE**, male, type locality, [this registration number omitted from type material listed by Friend (1982: 463); it is clearly the specimen illustrated in fig. 2 and designated “allotype” male].

P30682 **PARATYPES**, 6 males, 8 females, 7 immature, type locality.

pegasus, *Acheronia* Lowry, 1984b: 93, figs 34-36.

P31999 **PARATYPE**, North Arm, Port Pegasus, Stewart Island, New Zealand, 47°10’S 167°41’E, sandy silt, 42 m, J.K. Lowry on MV *Acheron*, 23 March 1972.

perkeus, *Urohaustorius* Barnard & Drummond, 1982a: 85, figs 28-29.

P23297 **PARATYPE**, female “a”, 1 km east of Stockton Beach, New South Wales, Australia, 31°54’S 151°48’E, Shipek grab, 15 m, Australian Museum Hunter District Water Board Survey, 30 November 1975, HDWBS 15010203.

P23300 **PARATYPE**, male “p”, 1 km east of Belmont Beach, New South Wales, Australia, 33°02’S 151°40’E, Shipek grab, 18 m, Australian Museum Hunter District Water Board Survey, 18 March 1975.

perloti, *Euonyx* Sheard, 1938: 170, figs 1-3.

E6521 **SYNTYPE**, male, east coast of Flinders Island, Bass Strait, Australia, 40°00’S 148°30’E, FIS *Endeavour* Expedition, 1909-1914.
persetosus, Eurystheus Chilton, 1921: 83, fig. 14a-b.

E6561 SYNTYPES, 2 specimens, 64 km west of Kingston, South Australia, [36°50’S 139°07’E], 55 m, FIS Endeavour Expedition, 1911-1914 [registered from E4862]
P5933 SYNTYPES, 2 specimens, same data as E6561.

phaeocula, Photis Lowry, 1979: 205, figs 4-6.
P27029 PARATYPES, 9 specimens, North Arm, Port Pegasus, Stewart Island, New Zealand, 47°10’S 167°41’E, sandy substrate, Smith-McIntyre grab, 43 m, J.K. Lowry on MV Acheron, 23 March 1972.

pinguis, Urothoe Haswell, 1879: 325, pl. 19 fig. 2.
G5406 PROBABLE LECTOTYPE, 2 micro-slides, Bondi Bay, New South Wales, Australia, [33°54’S 151°17’E], Old Collection, [labelled as type (A.R. McCulloch, 1905); assumed syntype, designated as lectotype by Barnard & Drummond, 1978: 46].

pirloti, Photis Myers, 1985: 88, fig. 68.
P35200 HOLOTYPE, female, 2 km west of Blackhole Lookout, South Coast Track, Tasmania, Australia, 43°36.5’S 146°43.5’E, in litter beside creek, J.A. Myers, 7 October 1979, Station 54.
P37344 HOLOTYPE, female, Nananui Ra, Viti Levu, Fiji, 17°15’S 178°12’E, dead Acropora fingers with epiphytes, A.A. Myers, 27 December 1975, 8210-782722.
P37345 PARATYPE, male, type locality.
P37346 PARATYPES, 1 male, 1 female, 1 juvenile, type locality.

plumulosa, Melita Zeidler, 1989: 329, figs 1-5.
P37289 HOLOTYPE, male, “The Blue Pools”, Angourie, New South Wales, Australia, [29°29’S 153°21’E], freshwater, shallow edges of northernmost pond 100 m from the sea, W. Zeidler, 4 September 1984.
P37290 PARATYPE, female, type locality.
P41691 PARATYPE, off East Kamchatka, Bering Sea, Commonwealth of Independent States, 55°00’N 164°00’E, 20-29 m, 13 July 1934, Station 539, [donated by Dr V. Ovtsharenko, Zoological Institute, Russian Academy of Science: 7/1763 ZI].
P41692 PARATYPES, 1 male, 1 female, same data as P41691.
robustus, Rhinocetus
rintouli, Warragaia
rima, Raldroa
rex, Keratroides
rewa, Paradexamine

P37366 PARATYPES, 1 male, 6 females, 2 ovigerous females, 1 juvenile, type locality.
P37367 PARATYPE, male, beside Old Hartz Track, Arve River, west of Taylor's Ridge, Tasmania, Australia, 43°13'S 146°47'E, from litter beneath Richea pandaniflora, I.L. Hickman and A.M.M. Richardson, 24 August 1973, 8211-829146.

ramsaiy, Melita Haswell, 1879d: 264, pl. 10 fig. 1.
P11242 POSSIBLE SYNTAXYPE, 1 micro-slide, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as type (K. Sheard, 1939)].

rewa, Paradexamine Myers, 1985: 57, fig. 43.
P35188 HOLOTYPE, male, Momi Bay, Viti Levu, Fiji, 17°55'S 177°16'E, Amphirosa sp. on sand flat, mid-shore, A.A. Myers, 7 September 1979, Station 41.
P35189 PARATYPES, 3 males, 19 females, type locality.

rex, Keratroides Friend, 1987: 47, figs 42-45.
P37356 HOLOTYPE, female, Near Currie, King Island, Tasmania, Australia, 39°56'S 143°50'E, in scrub under 2 eucalypts, 200 m from sea, G. Edgar, 19 April 1976, 7719-299748.
P37357 PARATYPE, male, type locality.
P37358 PARATYPES, 1 male, 3 females, 3 ovigerous females, 2 juveniles, type locality.

rima, Raldiva Lowry & Fenwick, 1982: 120, figs 1-3.
P31499 PARATYPES, 10 specimens, Rima Islet, The Snares, New Zealand, [48°07'S 166°38'E], in empty shells of the barnacle Megabalanus campbelli encrusted with sponges, in crevices in lower Durvillaea zone, G.D. Fenwick, 21 November 1976, SA-3417.

rintoul, Warragalia Berents, 1985: 254, figs 1-3.
P34773 HOLOTYPE, male, 1 km off Moona Creek, Jervis Bay, New South Wales, Australia, 35°03'S 150°41'E, sand and shelly sand, airlift, 8 m, P.B. and P.M. Moore, 17 November 1981.
P34774 PARATYPE, female, type locality.
P34775 PARATYPES, 48 specimens, type locality.

robustus, Rhinocetus Just, 1983: 125, figs 6-8.
P23094 HOLOTYPE, ovigerous female, 1 km east of Belmont Beach, New South Wales, Australia, 33°02.5'S 151°41'E, Shipek grab, 12 m, Australian Museum Hunter District Water Board Survey, 10 June 1975, HDWBS 09020101, [published depth: 8 m].
P33561 PARATYPE, ovigerous female in house, east of Burwood Beach, New South Wales, Australia, 32°57.5'S 151°44.7'E, Shipek grab, Australian Museum Hunter District Water Board Survey, 20 July 1975.
P33562 PARATYPE, juvenile, 0.5 km east of Belmont Beach, New South Wales, Australia, 33°02.5'S 151°41'E, Shipek grab, 12 m, Australian Museum Hunter District Water Board Survey, 18 March 1975, HDWBS 09020101.
P33563 PARATYPES, male, female, juvenile, 1.5 km east of Mc Masters Beach, Gosford, New South Wales, Australia, Shipek grab, 20 m, Australian Museum Hunter District Water Board Survey, 22 November 1975, HDWBS 05040303.

rodericki, Hippomedon Moore, 1989: 1444, figs 1-3.
P39389 HOLOTYPE, male, off Burnie, Tasmania, Australia, 41°02'S 146°00'E, stones and sand, near outfall of Tioxide works, 15 m, Marine Ecological Surveys Ltd, April 1986.

roperi, Patuki Fenwick, 1983: 133, figs 1-4.
P32597 PARATYPES, 50 specimens, South Bay, Kaikoura, New Zealand, 42°24'S 173°41'E, coarse shelly sand, 6 m, G.D. Fenwick, 6 October 1979.

rotui, Cheiriphotis Myers, 1989: 74, figs 13-14.
P38629 HOLOTYPE, male, north-east entrance to Cook's Bay, Moorea, Society Islands, 17°29'S 149°49'W, Padina from jetty, 0-1 m, A.A. Myers, 13 December 1986, Station 27, [published collection date: 11 December 1986].
P38630 PARATYPES, 2 specimens, type locality.

ruperti, Amphilochus Moore, 1988a: 150, figs 1-2.
P37465 HOLOTYPE, female, Tinderbox, d'Entrecasteaux Channel, Tasmania, Australia, 43°20'S 147°10'E, Zonaria, 3-4 m, G.J. Edgar, 11 December 1978 [published latitude and longitude: 43°04'S 147°20'E].
P37466 PARATYPES, 3 ovigerous females, type locality.

rupesostis, Eorchestia Richardson, 1993: 274, figs 4-6.
P41266 HOLOTYPE, female, Fortescue Bay, Tasman Peninsula, Tasmania, Australia, 43°08'S 147°57'E, under rocks and gravel in high intertidal zone, A.M.M. Richardson, 20 April 1991, Tasmmap reference, 8411 EN786229.
P41267 PARATYPE, male, type locality.
P41268 PARATYPES, 13 males, 8 females, 3 juveniles, type locality.
rupicola, Allorchestes Haswell, 1879d: 250, pl. 8 fig. 1.

G5419 POSSIBLE SYNTYPES, 2 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as types (A.R. McCulloch, 1905)].
P3398 POSSIBLE SYNTYPE, type locality, Old Collection, [specimen not located, March 1993].
rupullus, Phoxocephalus Barnard & Drummond, 1978: 431, figs 220-222.
P18248 HOLOTYPE, female "a", off Sydney, New South Wales, Australia, 33°58'S 151°29'E, 150 m, L.R. Thomas, CSIRO fisheries, 18 June 1962, G2/56/62.

saycei, Austrogammarus Williams & Barnard, 1988: 33, figs 14-15.
P38542 HOLOTYPE, female “k”, Sassafras Creek, on Old Patch Road, Victoria, Australia, H.B.N. Hynes, 4 October-8 September 1971, A-46, [published registration number: P35842].

schellenbergi, Paramoera Nicholls, 1938: 120, figs 52k, 62.
P18723 SYNTYPES, 21 specimens, Garden Bay, Macquarie Island, Australia, Australia, [54°35'S 158°55'E], under stones at low water, Australasian Antarctic Expedition, 4 July 1912, C 13.

serans, Tryphosella Lowry & Stoddart, 1983b: 385, figs 75-77.
P31532 PARATYPES, 10 specimens, west side of Western Chain, The Snares, New Zealand, [48°07'S 166°38'E], from baited cray pot, 120 m, G.D. Fenwick and D.S. Horning on FV Tradewind, 4 December 1976, SA-3439.

seticarpus, Elasmopus Myers, 1985: 106, figs 84-85.
P35207 HOLOTYPE, male, reef flat, Nukumbutho Reef, Viti Levu, Fiji, 18°11'S 178°24'E, Halimeda opuntia, A.A. Myers, 8 August 1979, Station 9.
P35208 PARATYPES, 12 males, 16 females, type locality.

setosa, Amphitoe Haswell, 1879d: 270.
P3416 POSSIBLE SYNTYPE, Botany Bay, New South Wales, Australia, [33°00'S 151°10'E], rock pools, Old Collection.

setosus, Aroui Chevreux, 1911: 170, fig. 3, pl. 7 figs 14-27.
P35541 PARALECTOTYPES, 2 specimens, off Bone, north-east of Cap de Garde, Algeria, Mediterranean Sea, [35°55'N 07°47'E], on urchins Spatangus sp., 65 m, E. Chevreux on yacht Melita, 12 June 1904, Station 726, [designated by Lowry & Stoddart, 1989: 112; donated by Museum National d'Histoire Naturelle, Paris, 900].
similis, Oediceroides Nicholls, 1938: 89, fig. 48.
P18719 HOLOTYPE, Commonwealth Bay, Antarctica, [66°54'S 142°40'E], 439 m, Australasian Antarctic Expedition, 28 January 1914, Station 9.
simplex, Melita Myers, 1985: 123, fig. 97.
P35211 HOLOTYPE, male, leeward side reef flat, Makuluva Island, Viti Levu, Fiji, 18°11'S 178°30'E, filamentous green algae, A.A. Myers, 13 August 1979, Station 25.
P35212 PARATYPES, 2 females, type locality.
socia, Jassa Myers, 1989: 74, fig. 15.
P38633 HOLOTYPE, male, 1 km north of Paoaoa, Bora Bora, Society Islands, 16°30'S 151°45.5'E, from Turbinaria ornata in lagoon, 0-1, A.A. Myers, 29 November 1986, Station 9.
P38634 PARATYPES, 44 specimens, type locality.
spinatus, Austrogammarus Williams & Barnard, 1988: 36, figs 16-18.
P38543 HOLOTYPE, male “f”, stream 800 m north of Croydon, on Maroondah Highway, Victoria, Australia, W.D. Williams, 22 July 1961, A-40, [published registration number: P35843].
P38544 PARATYPE, female “g”, type locality, [published registration number: P35844].
spinicarpus, Elasmopus Berents, 1983: 121, figs 17-19.
P30212 HOLOTYPE, male, Casuarina Beach, Lizard Island, Queensland, Australia, 14°40.5'S 145°26.6'E, under stones at low tide mark, J.K. Lowry, A.R. Jones and P.C. Terrill, 11 October 1978, LI-39.
P30213 PARATYPE, female, type locality.
P30214 PARATYPES, 33 specimens, type locality.
spinosa, Moera Haswell, 1879d: 268, pl. 10 fig. 5.
P3482 POSSIBLE SYNTYPE, Tasmania, Australia, Old Collection, [labelled as type (K. Sheard, 1939); specimen not located, March 1993].
P11241 POSSIBLE SYNTYPE, 9 micro-slides, type locality, Old Collection, [labelled as type (K. Sheard, 1939)].
**stocki**, *Jerbarnia* Thomas & Barnard, 1990: 174, figs 1-4.

P40430 **HOLOTYPE**, male “a”, rubble zone off Lizard Head, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], wash of rubble in sand pockets, 2 m, J.D. Thomas & J. Clark, 2 February 1989.

**stoorus**, *Cerapus* Lowry, 1981: 188, figs 3-5, 9a, 10a.

P27422 **PARATYPES**, 36 specimens, Saint Kilda Rocks, Kaikoura, New Zealand, 42°25'S 173°42'E, living on the bryozoan *Costaticella solid a* in an exposed environment, 7-10 m, G.D. Fenwick & D.S. Homing, 2 December 1973.

**strigilis**, *Bemlos* Myers, 1988: 299, figs 32-34.

P37431 **HOLOTYPE**, male, Cathedral Rock, Rottnest Island, Western Australia, 32°10'S 115°27'E, red algae, 6 m, R.T. Springthorpe, 21 December 1983, WA-246.

P37432 **PARATYPES**, 3 males, 4 females, type locality.

P37433 **PARATYPES**, 2 males, 3 females, 1 km west of Red Bluff, Kalbarri, Western Australia, 27°42'S 114°09'E, *Ecklonia* holdfasts, 18 m, J.K. Lowry, 9 January 1984, WA454 [number of female specimens published: 8]

P37434 **PARATYPES**, 1 male, 1 female, same as P37433, pink coralline algae, R.T. Springthorpe, WA455.

P38613 **PARATYPE**, female, same data as P37434.

P38614 **PARATYPE**, male, same data as P37433.

**subcarinata**, *Megamoera* Haswell, 1879e: 335, pl. 21 fig. 4.

G5390 **POSSIBLE SYNTYPE**, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], *Old Collection*, [labelled as type (A.R. McCulloch, 1905)].

P3491 **POSSIBLE SYNTYPES**, many specimens, same data as G5390, *Old Collection*.

P3492 **POSSIBLE SYNTYPES**, 3 specimens, Port Stephens, New South Wales, Australia, [32°42'S 152°06'E], *Old Collection*, [specimens not located, March 1993].

**sublittoralis**, *Halice* Lowry, 1979: 211, figs 7-8.

P27031 **PARATYPES**, 5 specimens, North Arm, Port Pegasus, Stewart Island, New Zealand, 47°10'S 167°41'E, sandy-mud, Smith-McIntyre grab, 45 m, J.K. Lowry on MV *Acheron*, 23 March 1972.

**suisens**, *Megamoera* Haswell, 1879e: 335, pl. 21 fig. 5.

P18499 **LECTOTYPE**, 7 micro-slides, Sue Island, Torres Strait, Queensland Australia, [10°12'S 142°49'E], *Chevert Expedition*, [designated by Berents, 1982: 138].

**suziae**, *Parawaldeckia* Lowry & Stoddart, 1983b: 350, figs 48-52.

P31265 **PARATYPES**, 20 specimens, between Rose Island and Shoeb Island, Port Ross, Auckland Islands, New Zealand, [50°31'S 166°14'E], sand, beam trawl, J.K. Lowry on MV *Acheron*, 14 February 1973, SA-1489.

**tacitus**, *Erichthonius* Moore, 1988b: 719, figs 8-10.

P37743 **HOLOTYPE**, male, Variety Bay, Bruny Island, Tasmania, Australia, 42°12'S 147°24'E, from holdfast of *Macrocystis pyrifera*, 6-8 m, G.J. Edgar, 7 March 1983, CA-16.

P37744 **PARATYPES**, 1 male, 1 female, type locality.

**tai**, *Gianopsis* Myers, 1985: 18, fig. 11.

P35177 **HOLOTYPE**, male, Makuluva Island, Viti Levu, Fiji, 18°11'S 178°30'E, coral debris from reef crest, A.A. Myers, 13 August 1979, Station 26.

P35178 **PARATYPES**, 3 males, 5 females, type locality.

**talanggi**, *Prantinus* Barnard & Drummond, 1982a: 38, figs 13-18.

P23327 **PARATYPE**, female “k”, 1.5 km east of Burwood Beach, New South Wales, Australia, 32°58'S 151°45'E, Shipek grab, 28 m, Australian Museum Hunter District Water Board Survey, 20 September 1975, HDWBS 06030304.

**talegus levuensis**, *Podocerus* Myers, 1985: 62, fig! 47.

P35192 **HOLOTYPE**, male, Votualailai, Viti Levu, Fiji, 18°10'S 177°32'E, coral reef in centre of reef flat, A.A. Myers, 9 August 1979, Station 17.

P35193 **PARATYPES**, 1 male, 1 female, type locality.

**tallerkus**, *Narunius* Barnard & Drummond, 1982a: 112, figs 40-43.

P33637 **HOLOTYPE**, female “p”, 0.5 km off Towra Point, Botany Bay, New South Wales, Australia, [34°00'S 151°10'E], sand and shell grit, 3 m, NSW State Fisheries Estuarine Benthic Survey, 30 November 1972, EBS 148.

P23293 **PARATYPE**, male “h”, 1.5 km east of Burwood Beach, New South Wales, Australia, 33°03'S 151°41'E, coarse sand, Shipek grab, 22 m, Australian Museum Hunter District Water Board Survey, 29 November 1975, HDWBS 09030304.
tenuipes, Microdeuteropus

P33638 PARATYPE, female “a”, type locality.
P33639 PARATYPE, male “k”, type locality.
P33640 PARATYPE, female “n”, type locality.
P33641 PARATYPE, male “v”, type locality.
P33642 PARATYPE, female “f”, type locality.

EBS 1025.

tangaroa, Sheardella Lowry, 1984b: 61, figs 4-6.
P34113 PARATYPE, Crib Point, Western Port, Victoria, Australia, 38°20.94'S 145°14.08'E, muddy sand, 16 m, Crib Point Benthic Survey, 30 March 1965, CPBS 51N.
P34114 PARATYPE, Western Port, Victoria, Australia, 38°25.80'S 145°21.52'E, sand, Smith-McIntyre grab, 10 m, Marine Studies Group, Ministry for Conservation, Victoria, 26 November 1973, WBES 1732.

tasmanica, Figorella Lowry, 1984b: 86, figs 28-30.
P31998 HOLOTYPE, female, east of Port Kembla, New South Wales, Australia, 34°27'S 151°27'E, Globigerina ooze, 1200 m, J.K. Lowry on FRV Kapala, 13 December 1976, K76-23-02.
P25477 PARATYPES, 22 specimens, type locality.

tavelus, Broglus Barnard & Drummond, 1978: 113, figs 43-44.
P26165 HOLOTYPE, male “c”, Antechamber Bay, Kangaroo Island, South Australia, [35°50'S 138°03'E], light trap, CSIRO Fisheries, 12 December 1939, [Barnard & Drummond (1978) use P18125 as a station number. It is a registration number not assigned to this specimen].
P26166 PARATYPE, male “y”, type locality.

tenuicornis, Glycera Haswell, 1879d: 256, pl. 8 fig. 6.
P39547 LECTOTYPE, female, Howick Group, Queensland, Australia, [14°29'S 144°55'E], [designated by Lowry & Stoddart, 1992: 231; on permanent loan from the Macleay Museum, University of Sydney].
P39548 PARALECTOTYPE, male, type locality, [designated by Lowry & Stoddart, 1992: 231; on permanent loan from the Macleay Museum, University of Sydney].
P39549 PARALECTOTYPES, 10 specimens, type locality, [designated by Lowry & Stoddart, 1992: 231; on permanent loan from the Macleay Museum, University of Sydney].

tenuiipes, Microdeuteropus Haswell, 1879e: 339, pl. 22 fig. 1.

G5389 PROBABLE SYNTAXES, 5 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as types

(A.R. McCulloch, 1905); assumed to be syntypes by Myers & Moore, 1983: 171).
P11836 POSSIBLE SYNTAXE, type locality, Old Collection.

terraelegiae, Talorchestia Haswell, 1880b: 98, pl. 5 fig. 4.
P3415 POSSIBLE SYNTAXES, 18 specimens, Port Denison, Queensland, Australia, [20°03'S 148°15'E], on sandy beach, Old Collection, [type locality: Port Denison, Queensland, but originally labelled “Port Jackson”, register changed on the advice of K. Sheard, 1939].
tieke, Lysianopsis Lowry & Stoddart, 1983b: 318, figs 27-28.
P32236 PARATYPE, east side of Vire Point, Perseverance Harbour, Campbell Island, New Zealand, 52°33'S 166°10'E, muddy sand and shell, 51 m, J.K. Lowry, 26 December 1979, CA-17.
P32237 PARATYPES, 3 specimens, same locality P32236, red algae, sediment and detritus trapped in slimy mucous, 10 m, J.K. Lowry, 3 January 1980, CA-95.
P32238 PARATYPES, 2 specimens, same locality as P32236, sediment and red algae on boulders, 15 m, P.C. Terrill, 12 February 1980, CA-334.
tilpa, Ampelisca Lowry & Poore, 1985: 283, figs 18-19.
P34142 HOLOTYPE, 0.5 km east of Burwood Beach, New South Wales, Australia, 32°57.5S 151°44.7'E, coarse sand, Shipek grab, 14 m, Australian Museum Hunter District Water Board Survey, 22 August 1975, HDWBS 03.
P23175 PARATYPE, type locality, 14-26 m, 17 March to 18 December 1975, HDWBS 01, 02 and 03.
P23176 PARATYPE, same data as P23175.
P23177 PARATYPE, same data as P23175.
P23178 PARATYPE, same data as P23175.
P23179 PARATYPE, same data as P23175.
P23180 PARATYPE, 1 km east of Dudley Beach, New South Wales, Australia, 32°58.7'S 151°43.8'E, coarse sand, Shipek grab, 15 m, Australian Museum Hunter District Water Board Survey, 30 November 1975, HDWBS 02.
tinamba, Byblis Lowry & Poore, 1985: 294, fig. 28.
P34703 PARATYPES, 18 specimens, 100 km north-east of North Point, Flinders Island, Bass Strait, Victoria, Australia, 38°52.6'S 148°25.2'E, muddy sand, epibenthic sled, 140 m, R. Wilson on RV Tangaroa, 15 November 1981, BSS 170.
P34704 PARATYPES, 4 specimens, south-east of Lakes Entrance, Bass Strait, Victoria, Australia, 37°59'S 148°27'E, muddy sand and shell, 51 m,
M. Gomon and R. Wilson on FV *Silver Gull*, 30 July 1983, BSS 207.

toora, *Ampelisca* Lowry & Poore, 1985: 284, fig. 20.

P34702 PARATYPES, 9 specimens, southern Port Phillip Bay, Victoria, Australia, 38°21'1.1"S 144°51.5"E, sand, 9 m, Marine Studies Group, Ministry for Conservation, Victoria, 9 December 1971, PPBES 985.

*triangulum*, Bemlos Myers, 1988: 291, figs 22-23.

P37428 HOLOTYPE, male, Sandbank Reef, Queensland, Australia, [13°45'S 144°16'E], rubble washings from south-west end of reef, 8-10 m, I. Loch, 6 December 1982, QLD-87.

P37429 PARATYPE, female, type locality.

P37426 HOLOTYPE, male, reef off North Point, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], coral rubble at base of cliff, 18.5 m, B. Kensley, 13 January 1982, BK-119.

P37427 PARATYPES, 2 females, type locality.

P38611 PARATYPE, female, type locality, [published registration number: P38609].

*tristanensis*, Maeracunha Stephensen, 1949: 22, pI. 11 fig. 2.

P39684 SYNTYPES, 4 specimens, Tristan da Cunha, E. Sivertsen, 16 January 1938, Norwegian Scientific Expedition, Station 68, [donated by: Trondhiem Museum, Norway].

*trudis*, Bemlos Myers, 1988: 286, figs 17-19.

P37422 HOLOTYPE, male, near Moona Creek, Jervis Bay, New South Wales, Australia, 35°03'S 150°41'E, with ascidians, 3 m, P.B. Berents, 24 April 1982.

P37423 PARATYPE, male, type locality.

P38609 PARATYPE, female, type locality.

P38610 PARATYPE, female, type locality.

P37002 HOLOTYPE, male, Variety Bay, Bruny Island, Tasmania, Australia, 42°12'2"S 147°24'2"E, *Macrocystis pyrifera* holdfast, 6-8 m, G.J. Edgar, 7 March 1985.

P37000 PARATYPE, female, type locality.

P37471 HOLOTYPE, female, 10 micro-slides, Seven Mile Beach, Western Australia, 29°17'2"S 145°29'2"E, seagrasses: *Amphibolis antarctica* and *A. griffithii*, 1.5 m, G.J. Edgar, 2 December 1985.

P37472 PARATYPES, 2 immature specimens, type locality.

P34288 SYNTYPES, 2 specimens, Commonwealth Bay, Antarctica, [66°54'S 142°40'E], 640-732 m, Australasian Antarctic Expedition, 22 December 1913, Station 1.

P34289 SYNTYPE, same data as P34288.

P34290 SYNTYPES, 11 specimens, same data as P34288.

P34291 SYNTYPE, same locality as P34290.

P34292 SYNTYPE, same locality as P34291.

P34293 SYNTYPES, 110 m, 21 January 1914, Station 7.

P18269 HOLOTYPE, female "a", south-west of Cape Everard, Bass Strait, Australia, 38°15'12"S 149°12'12"E, 300 m, L.R. Thomas on HMAS Gascoyne, 20 June 1962, CSIRO G2/63/62 [now known as Point Hicks]

*typica*, Haplocheira Haswell, 1879d: 273, pl. 11 fig. 2.

P3428 POSSIBLE SYNTYPES, 2 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], *Old Collection*, [specimens not located, March 1993].

P37472 PARATYPES, 9 specimens, southern Port Phillip Bay, Victoria, Australia, 38°21'1.1"S 144°51.5"E, sand, 9 m, Marine Studies Group, Ministry for Conservation, Victoria, 9 December 1971, PPBES 985.

*varietensis*, Microdeutopus Moore, 1987b: 716, figs 1-2.

P36999 HOLOTYPE, male, Variety Bay, Bruny Island, Tasmania, Australia, 42°12'2"S 147°24'2"E, *Macrocystis pyrifera* holdfast, 6-8 m, G.J. Edgar, 7 March 1985.

P37000 PARATYPE, female, type locality.

P37002 HOLOTYPE, male, Variety Bay, Bruny Island, Tasmania, Australia, 42°12'2"S 147°24'2"E, *Macrocystis pyrifera* holdfast, 6-8 m, G.J. Edgar, 7 March 1985.

P31270 PARATYPES, 50 specimens, north side of Punui Bay, The Snares, New Zealand, [48°07'S 166°38'E], algae on rock face, 10-14 m, D.S. Horning, 8 February 1975, SA-908/909.

*vesca*, Parawaldeclda Lowry & Stoddart, 1983b: 360, figs 56-59.

P31270 PARATYPES, 50 specimens, north side of Punui Bay, The Snares, New Zealand, [48°07'S 166°38'E], algae on rock face, 10-14 m, D.S. Horning, 8 February 1975, SA-908/909.

*villosus*, Phoxus Haswell, 1879d: 258, pl. 9 fig. 2.

P19305 PROBABLE LECTOTYPE, female "n", 7 micro-slides, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], [labelled as type (A.R. McCulloch, 1905); assumed syntype,
designated as lectotype by Barnard & Drummond, 1978: 185; re-registered from G5413).

_{viridis, Moera_} Haswell, 1879e: 333, pl. 21 fig. 2.

P25470 SYNTYPE, male, 4 micro-slides, Clark Island, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], [on permanent loan from the Macleay Museum, University of Sydney; labelled as co-type (K. Sheard, 1939)].

P3485 POSSIBLE SYNTYPES, 15 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], _Old Collection_, [labelled as types (K. Sheard, 1939)].

_wardi, Ichnopus_ Lowry & Stoddart, 1992: 234, figs 33-35.

P39588 HOLOTYPE, ovigerous female, North West Shelf, Western Australia, 18°59.3-59.1'S 118°45.8-46'E, epibenthic sled, 84 m, T. Ward, CSIRO, on FRV _Soela_, 7 December 1982, Cruise 06, Station B5-S.

P39589 PARATYPE, male, type locality.

P39590 PARATYPE, male, type locality.

P39591 PARATYPES, 2 females, 2 males, North West Shelf, Western Australia, 18°56.6-57.1'S 118°44.9-45'E, epibenthic sled, 82 m, T. Ward, CSIRO on FRV _Soela_, 7 December 1982, Cruise 06, Station B4-S.

P39592 PARATYPES, 3 females, 1 immature female, North West Shelf, Western Australia, 19°02-01.7'S 118°47.2-47.1'E, epibenthic sled, 82 m, T. Ward, CSIRO on FRV _Soela_, 7 December 1982, Cruise 06, Station B6-S.

_warte, Parharpinia_ Barnard & Drummond, 1978: 185, figs 79-81.

P18276 HOLOTYPE, female “a”, south of Euc1a, Great Australian Bight, 33°05'S 128°40'E, 83 m, L.R. Thomas on HMAS Gascoyne, 5 July 1962, CSIRO G2/97/62.

_wardo, Hippomedon_ Fenwick, 1983: 139, figs 5-7.

P32596 PARATYPES, 52 specimens, South Bay, Kaikoura, New Zealand, 42°26'S 173°41'E, coarse shelly sand, 6 m, G.D. Fenwick, 6 October 1979 [published number of specimens: 50].

_whiteleggei, Iphiplateia_ Stebbing, 1899: 415, pl. 34.

P4098 SYNTYPE, 3 micro-slides, Watsons Bay, New South Wales, Australia, [33°51'S 151°16'E], T. Whitelegge.

_wirakus, Birubius_ Barnard & Drummond, 1978: 260, figs 119(part), 122.

P26152 PARATYPE, juvenile male “t”, Murray’s Beach, Jervis Bay, New South Wales, Australia, 35°09'S 151°45'E, _Halophila_ bed, NSW State Fisheries Estuarine Benthic Survey, 25 April 1972, EBS 31.

P26153 PARATYPE, male “nn”, same data as P26152, EBS 32.

_woorree, Ceradocus_ Berents, 1983: 106, figs 5-6.

P33174 HOLOTYPE, male, eastern end of Mangrove Beach, Lizard Island, Queensland, Australia, 14°41'S 145°27.5'E, from sediment, 1.5 m, A.R. Jones, 10 October 1978, LI-37.

P33175 PARATYPE, male, Casuarina Beach, Lizard Island, Queensland, Australia, 14°40.5'S 145°26.6'E, under stones at low tide mark, J.K. Lowry, 0.25 October 1978, LI-39.

_yandala, Ceradocus_ Berents, 1983: 109, figs 7-8.

P33178 HOLOTYPE, male, fringing reef, between Bird Islet and South Island, Lizard Island Group, Queensland, Australia, 14°42'S 145°28'E, from reef rock, 12 m, P.B. Berents and P.A. Hutchings, 11 January 1977, 76 LIZ A.

P33179 PARATYPE, female, type locality.

P331720 PARATYPES, 3 specimens, type locality.

P331721 PARATYPE, type locality, from mixed algae and coral rubble, 24-27 m, J.K. Lowry, 7 October 1978, LI-21.

_yaranellus, Metaphoxus_ Barnard & Drummond, 1978: 456, figs 232-233.

P26159 HOLOTYPE, male “a”, Antechamber Bay, Kangaroo Island, South Australia, [35°50'S 138°03'E], light trap, CSIRO Fisheries, 12 December 1939, [Barnard & Drummond (1978) use P18125 as a station number. It is a registration number not assigned to this specimen].

P26160 PARATYPE, male “n”, type locality.

P26161 PARATYPES, males “b”, “d” and “e”, type locality.

_yaranus, Protolembos_ Myers, 1988: 322, figs 48-50.

P37440 HOLOTYPE, male, Red Bluff, Kalbarri, Western Australia, 27°42'S 114°09'E, rocky shore, mixed algae, sediment, 3-4 m, R.T. Springthorpe, 10 January 1984, WA-474.

P37441 PARATYPES, 10 specimens, type locality [published number of specimens: 4 males].

P38617 PARATYPE, female, type locality, [published number of specimens: 6].

_yarrague, Limnoporeia_ Barnard & Drummond, 1978: 495, figs 250-254.

P31829 PARATYPE, female “g”, Towra Point,
Botany Bay, New South Wales, Australia, 34°00'S 151°10'E, Zostera, 1 m, NSW State Fisheries Estuarine Benthic Survey, 17 April 1973, EBS-313.
P31830 PARATYPE, male “d”, same locality as P31829, Zostera and shell grit, 3 m, EBS 138.
P31831 PARATYPE, female, same locality as P31829, Zostera and sand, 1 m, EBS 304.
P31832 PARATYPE, female “e”, Georges River, Woronora, New South Wales, Australia, 39°59’S 151°01'E, sand, 3 m, NSW State Fisheries Estuarine Benthic Survey, 25 October 1972, EBS-103.
P31833 PARATYPES, 4 females, same data as P31832.

tyrolunus, Birubius Barnard & Drummond, 1978: 351, figs 176-178.
P26136 PARATYPE, female “w”, Murray’s Beach, Jervis Bay, New South Wales, Australia, 35°09’S 151°45'E, sand, 6 m, NSW State Fisheries Estuarine Benthic Survey, 25 April 1972, EBS 27.

yuleba, Ampelisca Lowry & Poore, 1985: 284, fig. 21.
P34168 PARATYPES, 5 specimens, Middle Banks, Queensland, Australia, [27°14’S 153°20’E], sand/mud, 21 m, S. Cook, September 1972, QUBS 35.

ISOPODA

acacia, Paranthura Poore, 1984b: 36, figs 1-2.
P32604 PARATYPES, 2 specimens, Crib Point, Western Port, Victoria, Australia, 38°20.83’S 145°13.49'E, sandy gravel, Smith-McIntyre grab, 13 m, Ministry for Conservation, Victoria, 23 March 1965, Crib Point Benthic Survey, CPBS 32N.

acaste, Serolina Poore, 1987: 146, figs 4-6.
P34788 PARATYPES, 30 juveniles, 26 km south-west of Cape Otway, Bass Strait, Victoria, Australia, 39°01’S 143°22.1'E, sand, epibenthic sled, 84 m, Victorian Institute of Marine Science, FRV Hai-Kung, 31 January 1981, 81-HK-1, BSS 120.
P34789 PARATYPES, 7 females, type locality.
P34790 PARATYPES, 4 males, type locality.

accola, Plakolana Bruce, 1993b: 11, figs 4-6.
P40161 PARATYPES, 9 males, 5 females, 8 mancas, outer barrier between Rasch Pass and Wagat Island, Madang, Papua New Guinea, 5°08.7’S 145°49.7'E, reef face, baited trap, 440 m, J.K. Lowry, J. Mizeu and J.D. Thomas, 26 January 1990, PNG-85.

aculeata, Cymodocea Haswell, 1881a: 474, pl. 16 fig. 6.

G5341 POSSIBLE SYNTYPE, dry specimen, Port Jackson, New South Wales, Australia, [33°50’S 151°16’E], Old Collection, [labelled as type (A.R. McCulloch, 1905)].

acuticauda, Eurydice Bruce, 1981a: 645, figs 1-2.
P23053 PARATYPE, female, 1 km east of Belmont Beach, New South Wales, Australia, 32°02.5’S 151°41’E, Shipek grab, 22 m, Australian Museum Hunter District Water Board Survey, 20 September 1975, HDWBS transect 1, [misidentified paratype of E. acuticauda = Eurydice binda Bruce, 1986a].
P23054 PARATYPE, female, 500 m east of Burwood Beach, New South Wales, Australia, 32°57’S 151°45’E, Shipek grab, 22 m, Australian Museum Hunter District Water Board Survey, 31 October 1975, HDWBS transect 1, [misidentified paratype of E. acuticauda = Eurydice binda Bruce, 1986a].
P23055 PARATYPE, female, 1.5 km east of McMasters Beach, New South Wales, Australia, 33°30’S 151°25’E, Shipek grab, 20 m, Australian Museum Hunter District Water Board Survey, 22 November 1975, HDWBS transect 4, [misidentified paratype of E. acuticauda = Eurydice binda Bruce, 1986a].
P23056 PARATYPE, female, same locality as P23053, 18 m, 20 May 1975, HDWBS transect 2, [misidentified paratype of E. acuticauda = Eurydice binda Bruce, 1986a].
P23156 PARATYPE, female, 1 km east of Burwood Beach, New South Wales, Australia, 32°57’S 151°45’E, fine sand, Shipek grab, 20 m, Australian Museum Hunter District Water Board Survey, 28 January 1976, HDWBS transect 2, [published depth: 22 m; misidentified paratype of E. acuticauda = Eurydice binda Bruce, 1986a].

acuticauata, Sphaeroma? Haswell, 1881b: 191, pl. 3 fig. 9.

G5348 SYNTYPES, 6 dry specimens, Griffiths Point, Victoria, Australia, [38°32’2’S 145°22’E], Old Collection.

G5349 SYNTYPES, 2 dry specimens, type locality, Old Collection.
P3354 SYNTYPE, type locality, Old Collection, [specimen not located, March 1993].
P9553 SYNTYPES, 2 specimens, type locality, Old Collection.

agonis, Amakusanthura Poore & Lew Ton, 1988c: 112, figs 2-3.
P36770 PARATYPE, Bowling Green Bay,
Queensland, Australia, 19°18'S 147°07'E, coarse silt, P. Arnold, 7 July 1975, 1-23.
P36771 PARATYPE, Halifax Bay, Queensland, Australia, [19°05'S 146°48'E], very fine sand, 12 m, P. Arnold, 24 February 1977.

*alata, Exosphaeroma* Baker, 1926: 252, pl. 39 figs 9-11, pl. 40 figs 1-3.

P9497 SYNTYPES, 33 specimens, Mullumbimby, New South Wales, Australia, [28°33'S 153°30'E], fresh water in river.

*ambaniensis, Cymodopsis* Baker, 1926: 268, pl. 47 figs 3-7.

P9519 HOLOTYPE, Albany Island, Queensland, Australia, [10°44'S 142°27'E], 7.5-25.5 m.

*alkoo, Renocila* Bruce, 1987b: 177, figs 5-6.

P25008 PARATYPE, north-east of One Tree Island, Capricorn Group, Queensland, Australia, [23°30'S 152°05'E], coral, Rotenone, D.F. Hoese, 5 October 1971.

P37138 PARATYPE, Gillett Cay, Swain Reefs, Queensland, Australia, 21°43'S 152°25'E, reef flat, Australian Museum Swain Reefs Expedition, 14 October 1962.

*ambassae, Catoessa* Bruce, 1990: 251, figs 1-2.

P37761 HOLOTYPE, ovigerous female, Lake Wooloweyah, Yamba, New South Wales, Australia, [29°30'S 153°19'E], in mouth of host: *Ambassis jacksonensis*, B. Ingram, 19 November 1984.

P37762 PARATYPE, female, type locality.

P37763 PARATYPE, female, type locality.

P37764 PARATYPE, female, type locality.

P37765 PARATYPE, female, type locality.

P37766 PARATYPES, 5 specimens, type locality.

*ambocerca, Biremia* Bruce, 1985: 296, figs 1-3.

P35697 HOLOTYPE, female, north-east of Lady Elliot Island, Bunker Group, Queensland, Australia, 24°03.7'S 152°49.04'E, rubble with many disc corals, 150 m, P.H. Colman, G. Hangay and S. Keable on HMAS *Kimbala*, 4 July 1984, Station 3, [specimen not located, March 1993].

*anatola, Metacirolana* Bruce, 1986a: 33, fig. 19.

P32384 HOLOTYPE, male, east of Bowen, Queensland, Australia, 20°16'S 150°40'E, dredged, 85-100 m, Australian Museum party on HMAS *Kimbala*, 12 May 1971, [micro-slide contains holotype and paratype material].

P30376 PARATYPE, female, type locality.

*anctus, Glossobius* Bruce & Bowman, 1989: 13, figs 9-10.

P35743 HOLOTYPE, ovigerous female, North West Shelf, Western Australia, 18°25'S 118°52'E, on host: *Euleptorhamphus viridis*, trawled, 150 m, FRV *Soela*, 17 May 1979.

P35744 PARATYPE, male, type locality.

*angophora, Amakusanithura* Poore & Lew Ton, 1988c: 112, figs 4-5.

P36772 PARATYPE, Halifax Bay, Queensland, Australia, 19°08'S 146°45'E, coarse silt, P. Arnold, 10 June 1975, S45.

P36773 PARATYPE, same locality as P36772, 19°08'S 146°43'E, 7 m, 25 August 1976, S47.

*angula, Nataolana* Bruce, 1986a: 106, fig. 73.

P32380 PARATYPES, 2 specimens, Calliope River, Gladstone, Queensland, Australia, [24°01'S 150°59'E], P. Saenger and J. Moverly, 1975.

*angustata, Aega* Whitelegge, 1901a: 232, fig. 21a-f.

G2160 HOLOTYPE, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], mud, 108-99 m, E.R. Waite on HMCS *Thetis*, 22 March 1898, Station 57.

*aniculi, Athelgue* Whitelegge, 1897: 149, pl. 7 figs 5, 5a-c.

G1423 HOLOTYPE, Funafuti, Ellice Islands, [8°50'S 177°10'E], Host: *Aniculus typicus* Fabricius, C. Hedley, between 21 May and 7 August 1896.

*ankistra, Anilocra* Bruce, 1987a: 119, figs 26-28.

P36269 PARATYPE, non-ovigerous female, North West Shelf, 240 km north of Port Hedland, Western Australia, 18°06'S 117°45'E, 472-520 m, M. McGrouther and J. Paxton on FRV *Soela*, 7 April 1982, SO2-82-31.

*anomalta, Sphaeroma?* Haswell, 1881a: 473, pl. 16 fig. 4.

G5328 POSSIBLE SYNTYPES, 12 dry specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], *Old Collection*, [labelled as types (A.R. McCulloch, 1905)].

G5329 POSSIBLE SYNTYPES, 2 dry specimens, type locality, *Old Collection*.

*apogonae, Anilocra* Bruce, 1987a: 112, figs 22-23.

P11783 PARATYPES, 2 females, Lindeman Island,
Cumberland Group, Queensland, Australia, [20°27'S 149°02'E], host: Apogon cooki, G.P. Whitley, 1935.
P36258 PARATYPE, non-ovigerous female, north side of Terry Beach, Prince of Wales Island, Torres Strait, Queensland, Australia, [10°36'S 142°12.5'E], tidal rock pools, D.E. Brown and W.F. Ponder, 2 July 1976.
P36259 PARATYPE, ovigerous female, north-east side of North Point Reef, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], host: Cheilodipterus quinquelineatus, 12 m, N.L. Bruce and R.T. Springthorpe, 18 July 1985, Station 9.
P36260 PARATYPES, 1 ovigerous, 1 non-ovigerous females, north-west side of Palfrey Island, Lizard Group, Queensland, Australia, [14°40'S 145°28'E], host: Cheilodipterus quinquelineatus, 6 m, N.L. Bruce and R.T. Springthorpe, 15 July 1985, Station 4.
P36261 PARATYPE, non-ovigerous female, north side lagoon channel, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], host: Cheilodipterus quinquelineatus, 8 m, N.L. Bruce and R.T. Springthorpe, 22 July 1985, Station 13.
P36262 PARATYPE, juvenile female, north side Palfrey Island, Lizard Group, Queensland, Australia, [14°40'S 145°28'E], host: Cheilodipterus quinquelineatus, 6 m, N.L. Bruce and R.T. Springthorpe, 14 July 1985, Station 12, [host retained with specimen].
P36263 PARATYPES, 1 ovigerous, 2 non-ovigerous females, patch reef, lagoon entrance, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], host: Cheilodipterus quinquelineatus, 10 m, N.L. Bruce and R.T. Springthorpe, 21 July 1985, Station 12.
P36264 PARATYPE, female, lagoon entrance, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], host: Cheilodipterus quinquelineatus, 17 m, N.L. Bruce and R.T. Springthorpe, 17 July 1985.
P36265 PARATYPE, female, same data as P36264.
P36266 PARATYPE, female, Granite Bluff, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], host: Cheilodipterus quinquelineatus, 10 m, N.L. Bruce and R.T. Springthorpe, 20 July 1985, Station 11.

arcuata, Cirolana Hale, 1925: 133, fig. 2.
P8200 HOLOTYPE, female, Little Sirius Cove, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E].
P8201 PARATYPE, male, type locality.
P9628 PARATYPES, 3 specimens, type locality.

argus, Codonophilus Haswell, 1881a: 471, pl. 16 fig. 1.
P3327 HOLOTYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], found under the bell of a Rhizostoma.
australis, Sphaeroma Whitelegge, 1902: 250, fig. 24a-b.

G3910 SYNTYPES, 4 specimens, 2.5-6.5 km south of Port Stephens Light, New South Wales, Australia, [32°48'S 152°11'E], mud, stones, 59-95 m, E.R. Waite on HMCS Thetis, 1 March 1898, Station 19.

australis, Tylos Lewis & Bishop, 1990: 749, figs 1-8.
P37710 HOLOTYPE, male, beach north of Lake Willinga, Bawley Point, New South Wales, Australia, [35°31'S 150°23'E], 1 m above high tide level under planks and sheets of plastic, F. Lewis and L. Bishop, April 1987.
P37711 PARATYPE, female, type locality.

avena, Accalathura Poore & Lew Ton, 1990a: 386, fig. 4.
P39440 PARATYPE, Halifax Bay, Queensland, Australia, [18°50'S 146°20'E], 13 m, P. Arnold, 24 February 1971.

baeckea, Pseudanthura Poore & Lew Ton, 1986a: 69, figs 8-10.
P35248 HOLOTYPE, east of Broken Bay, New South Wales, Australia, 33°31-33'S 152°08-07'E, dredged, 910 m, R.T. Springthorpe and P. Colman on FRV Kapala, 10 December 1980, K80-20-08.
P35249 PARATYPE, male, east of Broken Bay, New South Wales, Australia, 33°37-39'S 152°04-02'E, dredged, 910-892 m, R.T. Springthorpe and P. Colman on FRV Kapala, 10 December 1980, K80-20-09.
P32651 PARATYPE, east of South Head, Port Jackson, New South Wales, Australia, 33°52'S 151°23'E, benthic sledge, 80 m, R.T. Springthorpe and P. Colman on FRV Kapala, 11 December 1980, K80-20-11.

banksia, Apanthura Poore & Lew Ton, 1985a: 107, figs 2-3.
P32626 HOLOTYPE, juvenile, Murray's Beach, Jervis Bay, New South Wales, Australia, 35°07'S 150°35'E, NSW State Fisheries Jervis Bay Estuary Survey, 25 April 1972, JBES 54, [published latitude and longitude: 35°03'S 150°44'E].
P29806 PARATYPE, rocks off Signal Point, Lagoon, Lord Howe Island, Australia, 31°31'S 159°04'E, sparse eel grass on coarse shelly sand, 1.5 m, J.K. Lowry, 9 May 1977, LHA-1.
P29809 PARATYPES, 2 specimens, North Bay, Lord Howe Island, Australia, 31°31'S 159°04'E, short, sparse Zostera, sand patches, some Halophila, 1.5 m, J.K. Lowry and G.D. Fenwick, 12 May 1977, LHA-21, [published registration number: P29808].

barnardi australiensis, Bopyrella Bourdon, 1980: 192, fig. 3a-d.
P21776 HOLOTYPE, female, Richards Point, Port Curtis, Queensland, Australia, [23°59'S 151°37'E], host: Alpheus sp., J. Hynd, 26 August 1946.
P41453 PARATYPE, male, type locality [re-registered from P21776].

barnardi, Dynoides Baker, 1928: 56, pl. 6 figs 5-7.
P8948 SYNTYPES, 2 specimens, Glebe Island, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], piece of 3" x 3" test timber, east side Berth 14, not attacking timber, collected from surface growth, F.A. McNeill, 20 July 1927.
P9086 SYNTYPE, male, Goat Island, Port Jackson, New South Wales, Australia, [30°51'S 153°00'E], submerged timber test piece (Oregon), F.A. McNeill, 14 October 1927, [published type locality: "from the coast of New South Wales"].

bassi, Accalathura Poore, 1981a: 63, figs 4-5.
P30722 PARATYPES, 2 specimens, Crib Point, Western Port, Victoria, Australia, 38°21.39'S 145°14.03'E, coarse sand, Smith-McIntyre grab, 16 m, Ministry for Conservation, Victoria, 25 March 1965, Crib Point Benthic Survey, CPBS 51S.

basteni, Cirolana Bruce, 1980a: 166, figs 5-6.
P29548 PARATYPES, 4 females, Long Island, Chesterfield Reefs, Coral Sea, Queensland, Australia, 19°53'S 158°19'E, seaward slope, 15 m, N.L. Bruce, 6 May 1979.

bataviae, Eiothishos Kensley & Poore, 1982: 628, figs 3-4.
P32395 HOLOTYPE, female, Rat Island, Houtman Abrolhos, Western Australia, 28°44'S 113°48'E, reef crest, coral rubble, 1.3 m, P. Hutchings, 24 August 1981.
P32396 PARATYPE, female, type locality.

beri, Aega Bruce, 1983b: 773, figs 11-12.
P31572 HOLOTYPE, male, east of Port Jackson, New South Wales, Australia, 33°38-36'S 152°05-09'E, dredged, 945-972 m, R.T. Springthorpe and P. Colman on FRV Kapala, 9 December 1980, K80-20-05.

bidentata, Cymodocea Haswell, 1881b: 189.

G5342 SYNTYPE, dry specimen, Griffiths Point, Victoria, Australia, [38°32'S 145°22'E], Old Collection.
bidentata tasmanica, Cymodoce Baker, 1928: 50, pl. 2 fig. 1, pl. 4 fig. 9.

P8923 HOLOTYPE, male, Simpson’s Bay, d’Entrecasteaux Channel, Tasmania, Australia, [43°17'S 147°18'E], dredged by scallop fishermen, 14-27 m, M. Ward, August 1926.

bilobus, Tylos Lewis, 1990: 93, figs 1-3.

P39118 HOLOTYPE, male, Clairview Beach, Queensland, Australia, [22°07'S 149°32'E], F. Lewis, August 1988.

billarderia, Ananthura Poore & Lew Ton, 1988a: 496, figs 6-8.

P30299 HOLOTYPE, post manca, off Sydney, New South Wales, Australia, 34°05'S 151°44'E, sandy mud, fine sand, solitary corals, hydroids, dredged, 750 m, HMAS Kimbla, 3 November 1976, Station 53.

binda, Eurydice Bruce, 1986a: 15, figs 5-6.

P30347 PARATYPES, 4 specimens, Swan Bay, Port Phillip Bay, Victoria, Australia, 38°14.5'S 144°39.5'E, silt/clay sediment with Zostera, 1 m, Ministry for Conservation, Victoria, 23 January 1973, Port Phillip Bay Environmental Study, PPBES 966.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

P32173 HOLOTYPE, male, 40 km east of Lady Musgrave Island, Queensland, Australia, 23°44'S 152°49'E, shelly, grey pteropod ooze, 357-384 m, F. Rowe and P. Colman on HMAS Kimbla, 17 November 1977, Station 2.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

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bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.

bokon, Natatolana Bruce, 1986a: 59, figs 35-36.
Australia, 19°05'S 146°31'E, coarse silt, medium sand, 5 m, P. Arnold, 24 May 1976, V59.

brocha, Cirolana Bruce, 1986a: 173, figs 119-120.

P32362 PARATYPES, 26 specimens, Heron Island, Queensland, Australia, [23°26'S 151°55'E], trapped behind reef crest, 10 m, N.L. Bruce, 30 November 1979.

bulba, Natatolana Bruce, 1986a: 108, fig. 75.

P32174 HOLOTYPE, male, off North West Island, Capricorn Group, Queensland, Australia, [23°17.5'S 151°42'E], brought up on bait while line fishing, 40 m, FIS Endeavour Expedition, 9 July 1910 [published date: 9 December 1910] E4843 PARATYPES, 8 specimens, type locality.

calcarifera, Cilicaea Harrison & Holdich, 1984: 348, figs 29-30.

P34765 HOLOTYPE, off Peak Point, Queensland, Australia, [10°42'S 142°27'E], rocky bottom, dredged, 5-11 m, 1 September 1928, [re-registered from P25010].

P25010 PARATYPE, type locality.

caridophaga, Austroargathona Riek, 1953a: 259, figs 1-7.

P12435 HOLOTYPE, Enoggera Creek, Queensland, Australia, [27°26'S 152°51'E], host: Macrobrachium sp., E.F. Riek.

P12433 is a micro-slide of maxillipeds from holotype, P12435 and paratypes P40861.

P12434 is a micro-slide of mouthparts of paratype P40861.

P12436 PARATYPES, 14 specimens, Mary River, Conondale, Queensland, Australia, [26°23'S 152°45'E], host: Macrobrachium sp., E.F. Riek, 26 April 1943.

P12437 PARATYPES, 2 specimens, 32 km south-west of Ayr, North Queensland, Australia, [27°05'S 152°57'E], host: Macrobrachium sp., E.F. Riek, 6 June 1943.

P12438 PARATYPES, 5 specimens, Waraba Creek, Caboolture, Queensland, Australia, [27°05'S 152°57'E], host: Paratya sp., E.F. Riek, 6 June 1943.

P12439 PARATYPES, 4 specimens, Burdekin River at Macrossan, Queensland, Australia, [20°14'S 147°19'E], host: Macrobrachium sp., E.F. Riek, October 1943.

P12440 PARATYPES, 4 specimens, Burdekin River at Macrossan, Queensland, Australia, [20°14'S 147°19'E], host: Macrobrachium sp., E.F. Riek, 18 April 1943.

P12441 PARATYPES, 5 specimens, Enoggera Reservoir, Brisbane, Australia, [27°27'S 152°55'E], host: Macrobrachium sp., E.F. Riek, 9 October 1943.

P12442 PARATYPES, 6 specimens, Enoggera Creek at Ashgrove, Brisbane, Australia, [27°26'S 152°51'E], host: Macrobrachium sp., E.F. Riek, 29 May 1943.

capricornica, Cirolana Bruce, 1986a: 151, fig. 102.

P28111 PARATYPES, 3 females, Heron Island, Queensland, Australia, [23°27'S 151°55'E], from traps, N.L. Bruce, 12 June 1978.

P28776 PARATYPES, 2 specimens, Battery Point, Thursday Island, Torres Strait, Queensland, Australia, 10°35'S 142°13'E, beam trawl over sea grass beds, P.C. Young, CSIRO Fisheries, 17 April 1979, time: 2130, BPB REP 3.

P28779 PARATYPE, off Bampfield Head, Prince of Wales Island, Torres Strait, Queensland, Australia, 10°43'S 142°07'E, beam trawl over sea grass beds, P.C. Young, CSIRO Fisheries, 19 April 1979, time: 2130, BHB REP 3.

P28784 PARATYPE, north-east corner South Island, Sir Charles Hardy Islands, Queensland, Australia, 11°55'S 143°17'E, coral and sand, 1-6 m, Australian Museum Fish Department, 14 February 1979, Rotenone poison station, FNQ 79-45.

P28786 PARATYPE, False Orfordness, north-east of Cape York, Queensland, Australia, 11°23'S 142°52'E, rock, weed, sand, much brown algae, 3-4 m, Australian Museum Fish Department, 18 February 1979, Rotenone poison station, FNQ 79-61.

carnea, Calyptura Haswell, 1881a: 476, pl. 17 fig. 4.

P33583 PARATYPES, 4 specimens, Port Macquarie, New South Wales, Australia, [33°51'S 151°10'E], Old Collection, [labelled as types (A.R. McCulloch, 1905)].
G5369 POSSIBLE SYNTYPE, type locality, *Old Collection*.
P3351 POSSIBLE SYNTYPES, 5 specimens, type locality, *Old Collection*.

caudacuta, *Idotea* Haswell, 1881b: 181, pl. 4 fig. 4.

G5320 LECTOTYPE, dry specimen, Griffiths Point, Western Port, Victoria, Australia, [38°32'S 145°22'E], *Old Collection*, [designated by Poore & Lew Ton, 1993: 229].
P41846 PARALECTOTYPE, dry specimen, same data as G5320, [re-registered from G5320].

G5321 SYNTYPE, dry specimen, same data as G5320, *Old Collection*, [missidentified specimen; re-identified as *Eudotea bakeri* (Collinge) by Poore & Lew Ton, 1993: 229].

G5323 POSSIBLE SYNTYPES, 3 dry specimens, Port Phillip, Victoria, Australia, [38°09'S 144°52'E], *Old Collection*, [misidentified specimens; 2 specimens re-identified as *Eudotea stricta* (Dana), 1 specimen re-identified as *Cleantioides* sp. by Poore & Lew Ton, 1993: 229].

G5324 POSSIBLE SYNTYPE, Tasmania, Australia, *Old Collection*, [missidentified specimen; re-identified as *Eudotea peronii* (Milne Edwards) by Poore & Lew Ton, 1993: 229].

cavaticus, *Echinodillo* Green, 1963: 77, figs 1-12.

P14205 HOLOTYPE, male, Whitemark, Flinders Island, Furneaux Group, Bass Strait, Tasmania, Australia, [40°01'S 148°02'E], from limestone cave, J.A. Thompson, March 1960.
P14206 PARATYPE, female, type locality.

chiltoni, *Notoniscus* Green, 1970: 72, fig. 37.

P17674 HOLOTYPE, male, near Collinsvale, Tasmania, Australia, [42°51'S 147°01'E], in debris in myrtle (southern beech) forest, 730 m altitude, A. Green, 12 or 19 June 1957.
P17675 PARATYPE, female, type locality.

chiltoni, *Orthodillo* Vandel, 1973: 113, figs 63-65.

P18948 SYNTYPE, summit Mount Gower, Lord Howe Island, Australia, 31°33'S 159°05'E, moss, H.G. Cogger, June 1966, [7 slides which bear other parts of this specimen lodged in Museum National Histoire Naturelle, Paris].

chorizema, *Anthomuda* Poore & Lew Ton, 1988a: 500, figs 9-10.

P24937 HOLOTYPE, juvenile, Long Reef, north of Port Jackson, New South Wales, Australia, [33°45'S 151°19'E].
P24351 PARATYPE, east of North Head, Port Jackson, New South Wales, Australia, [33°49'S 151°18'E, 28.9 m, Australian Museum Shelf Benthic Survey, 26 May 1972.
P36725 PARATYPES, 5 juveniles, type locality.
P36726 PARATYPE, juvenile, type locality.

ciliata, *Paranthura* Whitelegge, 1901a: 216, fig. 17a-f.

G2243 SYNTYPE, female, 5.5-6.5 km, off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], mud, 108-99 m, E.R. Waite on HMCS Thetis, 22 March 1898, Station 57, [Poore, 1984: 45, states: “Whitelegge’s type material cannot be found”].

clarella, *Serolina* Poore, 1987: 154, figs 9-11.

P34791 PARATYPES, 1 female, 2 juveniles, Crib Point, Western Port, Victoria, Australia, 38°20.06'S 145°15.03'E, sand, 11 m, Smith-McIntyre grab, Marine Studies Group, Ministry of Conservation, Crib Point Benthic Survey, 10 March 1965, CPBS 26N.

collettei, *Mothocya* Bruce, 1986b: 1145, figs 31-33.

P35225 PARATYPES, 1 ovigerous female, 1 non-ovigerous female and 1 male, Crib Point, Western Port, Victoria, Australia, [14°00'N 122°00'E], [14°00'N 122°00'E], host: *Tylosurus crocodilus*, 16 September 1969, SU-26494-6. P35226 PARATYPES, 1 male, 1 female, Hayman Island, Queensland, Australia, [20°03'S 148°53'E], host: *Tylosurus crocodilus*, Mr Ebbrehy, IA-6190.

concinna, *Aega* Hale, 1940: 298, fig. 6.

E6740 HOLOTYPE, male, entrance to Oyster Bay, Tasmania, Australia, [42°40'S 148°03'E], FIS Endeavour, 30 July 1909.

concinna, *Cirolana* Hale, 1925: 152, fig. 12.

P3325 PARATYPES, 4 specimens, Broughton Island, off Port Stephens, New South Wales, Australia, [32°07'S 152°08'E].

confine, *Argathona* Hale, 1925: 164, fig. 17.

P8205 HOLOTYPE, female, Albany Passage, Queensland, Australia, [10°44'S 142°36'E], commensal of *Comatula* sp.

convexa, *Limnoria* Cookson, 1991: 173, figs 14-16.

P30750 PARATYPE, non-ovigerous female, Cod Cavern Gutway, The Snares, New Zealand, 48°07'S 166°38'E, red algae, 12-15 m, D.S. Horning, 24 January 1975, SA 902.
P38915 PARATYPE, male, same data as P30750.
coroo, Aega Bruce, 1983b: 770, figs 9-10.

P33558 HOLOTYPE, male, east of Port Jackson, New South Wales, Australia, 33°46' S 151°43' E, 192 m, FRV Kapala, 5 December 1977, K77-23-01, [published latitude: 33°47'S].

P31713 PARATYPE, east of Cape Banks, New South Wales, Australia, 33°59' S 151°35' E, 198 m, Australian Museum Shelf Benthic Survey, 9 August 1973, AMSBS 43.

P33556 PARATYPE, female, same data as P31713.
P33559 PARATYPES, 3 mancas, type locality.

crupulentis, Cilicaeopsis Baker, 1926: 261, pl. 44 figs 1-7.

P9490 SYNTYPES, 3 specimens, Nelsons Bay, Port Stephens, New South Wales, Australia, [32°43'S 152°09'E], [includes unidentifiable holotype].

cranchii australiensc, Cirolana Hale, 1925: 142, fig. 7.

P9603 PARATYPE, Port Stephens, New South Wales, Australia, [32°42'S 152°06'E].
P9619 PARATYPE, Port Phillip, Victoria, Australia, [37°58'S 144°54'E], J. Gabriel.
P9620 PARATYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], 12 m, F.A. McNeill, 16 May 1923.
P9621 PARATYPES, 4 specimens, east of Ulladulla, New South Wales, Australia, [35°20'S 150°47'E], burrowing in conglomerate boulder, 135 m, C.W. Mulvey on MV Goonambee.
P9622 PARATYPE, 3.2 km south of The Entrance, Tuggerah Lakes, New South Wales, Australia, [33°24'S 151°30'E], in rock pools, A.A. Livingston and H.O. Fletcher, December 1923.
P9623 PARATYPES, 2 specimens, off Bateman's Bay, New South Wales, Australia, 30°47.5'S 150°34'E, trawled, in crevice of conglomerate, 146 m, J. Forder, March 1924.

crassa, Ciilicaea Haswell, 1881b: 186.

G5357 POSSIBLE SYNTYPES, 2 dry specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as types (A.R. McCulloch, 1905)].

G5358 POSSIBLE SYNTYPE, dry specimen, type locality, Old Collection.

crassicaudata, Ciilicaea Haswell, 1881a: 475, pl. 17 fig. 3.

P3353 HOLOTYPE, Holborn Island, Queensland, Australia, [19°44' S 148°22'E], Old Collection, [specimen not located, March 1993].

crassicorns, Paranthura? Haswell, 1881a: 478, pl. 18 fig. 5.

P3316 HOLOTYPE, male, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [described from a single specimen, Haswell, 1885b: 1011].

crenulata, Argathona Bruce, 1982a: 20, figs 5-6.

P30992 PARATYPES, 2 specimens, Halifax Bay, Townsville, Queensland, Australia, [18°50'S 146°17'E], broken coral, 8 m, James Cook University of North Queensland, Three Bays Survey, 9 April 1975.

curispina, Ciilicaea Haswell, 1881b: 185, pl. 3 fig. 4.

G5359 POSSIBLE SYNTYPE, dry specimen, Port Phillip, Victoria, Australia, [38°09'S 144°52'E], Old Collection, [labelled as type (A.R. McCulloch, 1905)].

curispina, Zuzara Harrison & Holdich, 1984: 357, figs 33-34.

P28832 PARATYPES, 5 specimens, Casuarina Beach, Lizard Island, Queensland, Australia, [14°40'S 152°28'E], under stones at low tide mark, J.K. Lowry, A.R. Jones and P.C. Terrill, 11 October 1978, LI-39.

cyclops, Aega Haswell, 1881b: 192.

G5326 POSSIBLE SYNTYPE, dry specimen, Port Jackson, New South Wales, Australia, [33°40' S 151°07'E], Old Collection, [labelled as type (A.R. McCulloch, 1905)].

dianella, Mesanthur6 Poore & Lew Ton, 1986b: 97, figs 2c, 8.

P32690 HOLOTYPE, juvenile, off Moona Moona Creek, Jervis Bay, New South Wales, Australia, 35°03'S 150°44'E, on mussel, Trichomya hirsuta, with epizoic algae and sponges on sand covered rock, 8 m, J.K. Lowry, 19 June 1982, NSW-113.
P22807 PARATYPE, east of Malabar, New South Wales, Australia, 33°56.8'S 151°18'E, gravel/sand, Shipek grab, 66 m, Australian Museum Shelf Benthic Survey, 19 May 1972, AMSBS 4E, [published longitude and number of specimens: 151°19'E, 2 specimens respectively].
P22809 PARATYPE, male, east of North Head, Port Jackson, New South Wales, Australia, 33°49'S 151°18'E, with sponge Polymastea critica, 21.3 m, Australian Museum Shelf Benthic Survey, 26 May 1972, AMSBS SCUBA transect 10, [published date: 19 February 1973].
P24349 PARATYPE, south-east of Little Bay, New
South Wales, Australia, 33°59.1'S 151°16'E, gravel/sand, Shipek grab, 25 m, Australian Museum Shelf Bentic Survey, 12 May 1972, AMSBS A1, [published latitude, longitude and depth: 33°56.8'S 151°18'E, 31 m respectively]

P32688 PARATYPE, type locality, sponge encrusted bivalves, 3 m, J.K. Lowry, 19 June 1982, NSW-111.

diemensis, Paranthura Haswell, 1885b: 1011, pl. 52 figs 6-13.

P3317 PROBABLE SYNTYPE, Hobart, Tasmania, Australia, [42°50'S 147°15'E], [misspelt in Haswell, 1885b: P. dimenensis; invalid designation of holotype status by Poore, 1978: 137].

dodonaea, Amakusanthura Poore & Lew Ton, 1988c: 115, figs 9-10.

P36774 HOLOTYPE, Central Lagoon, One Tree Island, Queensland, Australia, [23°30'S 152°05'E], 3 m, C. Short and J. Young, 17 October 1979.

P29644 PARATYPES, 2 specimens, south end of lagoon 250 m east-south-east of Palfrey Island, Lizard Group, Queensland, Australia, [14°40'S 145°28'E], high mounds, very sticky grey sediment, C. Short and A.R. Jones, 10 December 1978, Station 1.5, 0.5 mm sample, [published longitude: 145°25'E].

P29645 PARATYPE, same data as P29644.

P29646 PARATYPES, 2 specimens, same data as P29644, 1.00 mm sample.

P29647 PARATYPE, same data as P29644, 1.00 mm sample.

P36775 PARATYPE, type locality.

dryandra, Paranthura Poore, 1984b: 45, figs 9-10.

P32607 PARATYPES, 12 specimens, Aireys Inlet, Victoria, Australia, [38°28'S 144°06'E], W.F. Seed, 23 January 1968.

elongatum, Haliophasma Poore, 1975: 514, figs 6-7.

P20436 HOLOTYPE, east of Malabar, New South Wales, Australia, 33°58.8'S 151°17'E, slightly muddy sand, dredge, 66 m, Australian Museum Shelf Bentic Survey, 24 April 1973, AMSBS 904.

P20437 PARATYPE, east of North Head, Port Jackson, New South Wales, Australia, 33°50.6'S 151°21'E, dredge, 66 m, Australian Museum Shelf Bentic Survey, 23 March 1973, AMSBS 22.

P20438 PARATYPE, east of North Head, Port Jackson, New South Wales, Australia, 33°50.6'S 151°21'E, dredge, 66 m, Australian Museum Shelf Bentic Survey, 23 March 1973, AMSBS 22.

emarginata, Zuzara Haswell, 1881b: 188, pl. 3 fig. 5.

G5360 SYNTYPES, 7 dry specimens, Griffiths Point, Victoria, Australia, [38°32'S 145°22'E], Old Collection.

dendota, Natatolana Bruce, 1986a: 63, figs 38-39.

P32172 HOLOTYPE, male, off Sow and Pigs Shoal, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], 12 m, L. Comptesse, August 1929.

P10689 PARATYPE, type locality, sand dredge, 9 m, L. Comptesse on MV Triton, January 1930.

P10693 PARATYPE, type locality, 10 m.

eaposris, Paranthura Poore, 1984b: 47, figs 11-12.

P32606 PARATYPES, 3 specimens, Crib Point, Western Port, Victoria, Australia, 38°21.3'S 145°13.6'E, fine sand/mud, Smith-McIntyre grab, 15 m, Ministry for Conservation, Victoria, July 1970, Crib Point Bentic Survey, CPBS 31S.

P32609 PARATYPES, 2 specimens, same data as P32608.

erodiae, Cirolana Bruce, 1986a: 176, figs 121-122.

P30340 PARATYPES, 2 females, One Tree Island, Capricorn Group, Queensland, Australia, [23°30'S 152°05'E], pie crust coral, 0.5 x 0.5 x 0.52 m, in a lagoon near Peg 3 near reef crest, F.H. Talbot, 25 September 1967, transect 8, FT 206.

P32359 PARATYPES, 15 specimens, Heron Island, Queensland, Australia, [23°26'S 151°55'E], reef edge, N.L. Bruce, 10 June 1978.

P32360 PARATYPES, 5 specimens, Heron Island, Queensland, Australia, [23°26'S 151°55'E], reef flat, N.L. Bruce, 10 June 1978.

P32361 PARATYPE, north-east of South Island, Lizard Group, Queensland, Australia, [14°40'S 145°28'E], 8 m, N.L. Bruce, 17 December 1980.

eugenia, Amakusanthura Poore & Lew Ton, 1988c: 116, figs 11-12.

P36776 PARATYPES, 2 specimens, Halifax Bay, Queensland, Australia, 18°59'S 146°35'E, coarse silt, 13 m, P. Arnold, 24 May 1976, BB-55.

excavata, Idotea Haswell, 1881b: 182.

G5325 POSSIBLE SYNTYPES, 3 dry specimens, Tasmania, Australia, Old Collection, [labelled as types (A.R. McCulloch, 1905)].

exoconta, Atarbolana Bruce & Javed, 1987: 1452, figs 1-2.

P37199 HOLOTYPE, male, Manora Island, Karachi,
Pakistan, [24°47'N 066°58'E], intertidal, Roshan, 31 August 1985.
P37200 PARATYPE, female, type locality.

falcipennis, Gnathia Holdich & Harrison, 1980: 223, fig. 3.
P27011 PARATYPES, 2 specimens, Chinaman's Head, Lizard Island, Queensland, Australia, [14°40'S 145°27'E], coral reef rocks, 3.7 m, P. Hutchings and P. Weate, 7 November 1976, 76 LIZ B-00091.
P27012 PARATYPES, 2 specimens, same data as P27011, 76 LIZ B-06091.
P27013 PARATYPES, 10 specimens, same data as P27011, 76 LIZ B-06093.

ferox, Anceus Haswell, 1885b: 1005, pl. 52 figs 1-5.
P3332 HOLOTYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], T. Hewitt.

findleyi, Colidotea Brusca & Wallerstein, 1977: 6, figs 2-3.
P37835 PARATYPES, 2 specimens, Puerto Penasco, Sonora, Mexico, [31°20'N 113°33'W], low intertidal Sargassum, RC. Brusca, 10 July 1972.

flindersi, Leptanthura Poore, 1981a: 80, figs 17-18.
P24358 PARATYPE, off Long Reef, New South Wales, Australia, 33°44'S 151°19'E, 23.8 m, Australian Museum Shelf Benthic Survey, 27 April 1972.

fontinalis, Tainiosopus Wilson & Ponder, 1992: 281, figs 1-8, 13-14.
P40752 HOLOTYPE, preparatory female, unnamed spring, 4.3 km north-west of Elimberrie Spring, north-east side Oscar Range, Kimberley Region, Western Australia, 17°39'S 125°01'E, limestone boulders on mud and silt, filamentous green algae and roots, 0.2 m, water clear, pH 7.8, conductivity 560, water temperature 26°C, W.F. Ponder, 30 June 1988, Station WFP K1.
P38513 PARATYPES, 5 specimens, type locality.
P40753 PARATYPE, copulatory male, type locality.
P40754 PARATYPE, copulatory male, type locality.
P40755 PARATYPE, copulatory male, type locality.
P40756 PARATYPE, brooding female, type locality.
P40757 PARATYPE, preparatory female, type locality.
P40758 PARATYPE, brooding female, type locality.
P40759 PARATYPE, 29 specimens, type locality.

fracta, Aega Hale, 1940: 296, figs 4-5.

frankliniae, Basserolis Poore, 1990b: 99, figs 1-2.
P40047 PARATYPES, 4 specimens, south of Point Hicks, Victoria, Australia, 38°14.8'S 149°9.3'E, coarse sand and gravel, 200 m, WHOI epibenthic sled, M.F. Gomon et al. on RV Franklin, 24 July 1986, SLOPE 4.

furcata, Cirolana Bruce, 1981a: 666, fig. 13.
P28694 HOLOTYPE, juvenile female, east of North Head, Port Jackson, New South Wales, Australia, 33°49'S 151°18'E, 32.9 m, Australian Museum Shelf Benthic Survey, 23 May 1972, [published longitude: 51°18'E].
P22874 PARATYPE, manca, type locality, from sponge: Chalinissa elegans, AMSBS SCUBA transect 10.

furculata, Pseudocereceis Harrison & Holdich, 1982b: 429, figs 5, 6a-j.
P28851 PARATYPES, adult male, subadult male, north side Wilson Island, Capricorn Group, Queensland, Australia, 23°18'S 151°55'E, short weed behind reef edge, W.F. Ponder, 4 January 1979.

gambosa, Cymodetta Bowman & Kuhne, 1974: 236, figs 1-27, pl. 1.
P19495 PARATYPES, 7 specimens, Clarence River, South Grafton, New South Wales, Australia, [29°42'S 152°56'E], submerged wood, R. Keirle, 14 September 1971, [all specimens from cultures derived from the original sample].

gigas, Calathura Whitelegge, 1901a: 225, fig. 19a-e.

G2197 LECTOTYPE, 5.5-4 km off Port Jackson, New South Wales, Australia, [33°52.2'S 151°20'E], sand and mud, 71-66 m, E.R. Waite on HMCS Thetis, 10 March 1898, Station 34, [designated by Poore, 1981a: 61].
P40092 PARALECTOTYPES, 2 specimens, type locality, [re-registered from G2197].

girellae, Mothocya Bruce, 1986b: 1157, figs 39-40.
P35219 HOLOTYPE, female, Lake Illawara, New South Wales, Australia, [34°31'5'S 150°50'E], host: Girella tricuspidata, P.F. O'Connor, 26 January 1977.
P35220 PARATYPES, 3 males, type locality.
P35221 PARATYPE, ovigerous female, type locality.
P35222 PARATYPE, ovigerous female, type locality.
P35223 PARATYPE, ovigerous female, type locality.
P35224 PARATYPE, ovigerous female, type locality.
P35244 PARATYPES, 4 females, type locality.
P35245 PARATYPES, 8 females, type locality.
P35246 PARATYPES, 11 males, type locality.
P35247 PARATYPES, 3 females, type locality.

gorgonae, Cymodopsis Baker, 1926: 265, pl. 45 figs 10-13.

P9493 HOLOTYPE, ovigerous female, Long Reef, New South Wales, Australia, [33°45'S 151°19'E], associated with gorgonian.
P40865 PARATYPE, non-ovigerous female, type locality, [re-registered from P9493].
gorung, Natatolana Bruce, 1986a: 66, figs 42-43.

P24324 PARATYPE, female, 1.6 km east of Malabar, New South Wales, Australia, 33°58'S 151°17'E, 66 m, Australian Museum Shelf Benthic Survey, 26 June 1973, AMSBS 903.
gracilipes, Cymodetta Holdich & Harrison, 1983: 129, figs 2-3.
P28836 PARATYPES, 89 specimens, Mermaid Cove, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], coarse sand from mangroves, brackish water, 0.15 m, J.K. Lowry, 14 October 1978, LI-47.
granulata, Cilicoea Whitelegge, 1902: 271, fig. 34a-b.

G2276 SYNTYPES, 18 specimens, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], mud, 108-99 m, E.R. Waite on HMCS Thetis, 22 March 1898, Station 57.
G2280 SYNTYPES, 3 specimens, same data as G2276.
G3907 SYNTYPES, 30 specimens, 3-4 km off Botany Bay, New South Wales, Australia, [34°05'S 151°15'E], mud, 91-95 m, E.R. Waite on HMCS Thetis, 11 March 1898, Station 37.
grevillea, Paranthura Poore, 1984b: 52, figs 13-14.
P24364 HOLOTYPE, juvenile, east of North Head, Port Jackson, New South Wales, Australia, 33°49'S 151°18'E, from sponge Polymastea craticia, SCUBA, 19.8 m, Australian Museum Shelf Benthic Survey, 19 February 1973, AMSBS 021013005.
P22812 PARATYPE, type locality, from sponge Tetricella labrinthica, 21.3 m, 27 February 1973, AMSBS transect 07.
P22823 PARATYPE, type locality, from sponge: Chaetinissa elegans, 21.3 m, Australian Museum Shelf Benthic Survey, 10 February 1973, AMSBS transect 10.
grisea, Synidotea Poore & Lew Ton, 1993: 262, figs 44-46.
P36069 HOLOTYPE, ovigerous female, north east of Whale Beach, Twoxfold Bay, New South Wales, Australia, 37°05'S 149°56'E, benthic sample, 7.6 m, S. Keable and P. Albertson, 22 February 1985, EB10.

haddae, Panathura Kensley & Poore, 1982: 634, figs 7-8.
P32399 HOLOTYPE, ovigerous female, Rat Island, Houtman Abrolhos, Western Australia, [28°44'S 113°48'E], coral rubble, reef crest, 1.3 m, P. Hutchings, 24 August 1981.
P32400 PARATYPES, 2 juveniles, type locality.
hakea, Cyathura Poore & Lew Ton, 1985: 94, figs 6-8.
P33592 HOLOTYPE, juvenile, Georges River, Milperra, New South Wales, Australia, 33°56'S 150°58'E, NSW State Fisheries, 29 November 1972, NSWSF 128.
P24976 PARATYPES, 37 specimens, type locality.
P33593 PARATYPE, male, type locality.
P33594 PARATYPE, female, type locality.
halei, Cilicaeopsis Baker, 1926: 261, pl. 42 figs 6, 8-9.
P9495 HOLOTYPE, female, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E].
halei, Cirolana Bruce, 1981a: 658, figs 9-10.
P28695 HOLOTYPE, male, 1.5 km east of Stockton Beach, Newcastle, New South Wales, Australia, 32°54'S 151°48'E, Shipek grab, 15 m, Australian Museum Hunter District Water Board Survey, 30 November 1975, HDWBS 15020304.
P23051 PARATYPE, female, type locality.
P23052 PARATYPE, female, 1 km east of Burwood Beach, New South Wales, Australia, 32°57'S 151°44'E, Shipek grab, 24 m, Australian Museum Hunter District Water Board Survey, 22 August 1975, HDWBS 06030205.
halei, Gnathia Cals, 1973: 296, figs 1-12.
P20198 HOLOTYPE, male, off Brisbane, Queensland, Australia, 27°00'S 153°36'E, fine gravel, 136 m, FV Nimbus, 28 July 1968, cruise 1/68, Station 25.
halei, Mothocya Bruce, 1966b: 1153, figs 37-38.
P35238 PARATYPES, 15 males, Lake Illawara, New South Wales, Australia, [34°21'S 150°50'E], from Girella tricuspidata, P.F. O'Connor, 23 October 1976.
P35239 PARATYPES, 9 females, same data as P35238.
haptomela, Kranospheara Bruce, 1992: 1265, figs 1-5.
P41016 PARATYPE, North West Shelf, Western Australia, Australia, 19°59.5'S 117°03.3'E, 52 m, T. Ward, CSIRO, 22 February 1983.

helmsianus, Cubaris Chilton, 1916: 95, figs 18-22.
P4077 SYNTYPE, Mount Kosciusko, New South Wales, Australia, [36°27'S 148°16'E], R. Helms, 1879.
P4078 SYNTYPES, 3 specimens, Barrington Tops, New South Wales, Australia, [32°24'S 151°45'E], altitude 1402 m, C. Hedley, December 1915.
P4084 SYNTYPE, same data as P4077, [specimen not located, March 1993].

hesperia, Cirolana Bruce, 1986a: 181, figs 123-124.
P30365 PARATYPE, female, west of Grey, Western Australia, 30°45'S 114°52'E, 60 m, CSIRO Fisheries, 11 August 1962, Station G2-179-62, [published locality: south-west of Bongara].

hibbertia, Amakusanthura Poore & Lew Ton, 1988c: 120, figs 15-17.
P29730 HOLOTYPE, 100 m off eastern end of Mangrove Beach, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], undulating sand, filamentous algae, 4 m, C. Short and A.R. Jones, 11 October 1978, Station C, 1.00 mm sample, [published locality: lagoon at southern end of Lizard Island].
P29633 PARATYPES, 3 specimens, east of Mangrove Beach, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], fine sediment layer on top, shelly underneath, 1.8 m, C. Short and A.R. Jones, 1 October 1978, Station 1.1, 1 mm sample.
P29634 PARATYPE, same data as P29633.
P29635 PARATYPES, 3 specimens, same data as P29633.
P29636 PARATYPE, same locality as P29633, 3.6 m, Station 1.2, 0.5 mm sample.
P29639 PARATYPES, 2 specimens, south end of lagoon 250 m east-south-east of Palfrey Island, Lizard Group, Queensland, Australia, [14°40'S 145°28'E], high mounds, very sticky grey sediment, 12 m, C. Short and A.R. Jones, 9 October 1978, Station 1.4, 1 mm sample.
P29640 PARATYPE, same data as P29639.
P29641 PARATYPE, same data as P29639.
P29643 PARATYPES, 3 specimens, same data as P29639.
P29649 PARATYPE, same data as P29639, Station 1.5.
P29650 PARATYPE, same data as P29639, Station 1.5.
P29666 PARATYPES, 23 specimens, 200 m south-west of Freshwater Beach, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], 3 m, C. Short and A.R. Jones, 10 October 1978, Station 2.3, 1 mm sample.
P29696 PARATYPE, 100 m off eastern end of Mangrove Beach, Lizard Group, Queensland, Australia, [14°40'S 145°28'E], undulating sand, filamentous algae present, 3 m, C. Short and A.R. Jones, 11 October 1978, Station A, 1 mm sample.
P29698 PARATYPE, same data as P29696, Station B, 1 mm sample.
P29699 PARATYPE, same data as P29696, Station B, 1 mm sample.
P29731 PARATYPE, same data as P29696, Station C, 1 mm sample.
P29732 PARATYPE, same data as P29696, Station C, 1 mm sample.
P29733 PARATYPE, same data as P29696, Station C, 1 mm sample.
P29737 PARATYPE, off Chinamans Point, Mrs Watsons Bay, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], sandy area, 6 m, C. Short and A.R. Jones, 29 September 1978, Station 2.1, 1 mm sample.
P29739 PARATYPE, same data as P29737.
P29990 PARATYPE, east end of Mangrove Beach, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], medium sand, 3 m, A.R. Jones and C. Short, 30 September 1978, Station 1.2, A15.
P36777 PARATYPES, 2 specimens, reefs, western end of lagoon, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], sediment near artificial reef, 3 m, P.C. Terrill, 5 October 1978, GBR-33.

hickmani, Cubaris Green, 1961: 336, figs 147-161.
P13519 HOLOTYPE, male, Tarraleah, Tasmania, Australia, [42°18'S 146°26'E], in debris and under logs in eucalypt and tree fern forest, A.J.A. Green, 7 October 1957.
P13518 PARATYPE, female, type locality.

hirsutus, Styliniscus Green, 1970: 64, figs 14-20.
P17670 HOLOTYPE, male, Shoobridge Track, Mount Wellington, Tasmania, Australia, [42°54'S 147°14'E], eucalypt forest debris, 580 m altitude, A.J.A. Green, between 26 June 1957 and 24 October 1963.
P17671 PARATYPE, female, type locality.

howensis, Isocladus Baker, 1926: 255, pl. 50 figs 7-8.
P9530 SYNTYPES, 1 male, 1 female, Front Bay, Lord Howe Island, Australia, [31°33'S 159°05'E], under stones, G.P. Whitley, December 1923, [includes unidentifiable holotype].

humicephalotis, Lionectes Wilson, 1989: 47, figs 14-17.
P40864 PARATYPE, north of King George Island,
South Shetland Islands, 61°18' S 58°00' W, small epibenthic sled, 282 m, Institute of Oceanography, Dalhousie, cruise Hudson 70, Station IODal 13.

**hystrix**, *Ciliacea* Haswell, 1881b: 183, pl. 3 fig. 1.

**G5355** POSSIBLE SYNTYPES, 2 dry specimens, Port Stephens, New South Wales, Australia, [32°45'S 152°11'E], *Old Collection*, [labelled as types (A.R. McCulloch, 1905); specimen not located, March 1993].

**immanis**, *Bathynomus* Bruce, 1986a: 129, figs 89-90.

**P32383** HOLOTYPE, male, east of Hinchinbrook Island, Queensland, Australia, 18°03'S 147°10'E, 9m prawn trawl, 320-360m, Australian Museum party on RV *Lady Basen*, 27 February 1979, FNQ 79-103, [published latitude and depth: 18°02'S, 320-360 m respectively].

**G3904** HOLOTYPE, male, Vanderlin Island, Australia, 1-8.

**incisa**, *Cassidinella* Whitelegge, 1901a: 220, fig. 18a-g.

**G2403** HOLOTYPE, 3-4 km off Botany Bay, New South Wales, Australia, [34°05'S 151°12'E], mud, 91-95 m, E.R. Waite on HMCS *Thetis*, 11 April 1898, Station 37.

**inornata**, *Cymodoce* Whitelegge, 1902: 263, fig. 30.

**G3904** HOLOTYPE, 11-12.5 km off Wollongong, New South Wales, Australia, [34°27'S 151°04'E], sand and rock, 27-20 m, E.R. Waite on HMCS *Thetis*, 18 March 1898, Station 48.

**insularis**, *Australiodillo* Vandel, 1973: 107, figs 55-58.

**P18947** SYNTYPES, 2 specimens, summit of Mount Gower, Lord Howe Island, Australia, 31°33'S 159°05'E, moss, H.G. Cogger, June 1966.

**integra**, *Zazara* Haswell, 1881b: 186, pl. 3 fig. 6.

**G5362** POSSIBLE SYNTYPES, 6 dry specimens, Brighton, Victoria, Australia, [37°57'S 144°59'E], *Old Collection*, [type locality: Port Phillip, Victoria; labelled as types (A.R. McCulloch, 1905)].

**G5363** POSSIBLE SYNTYPE, Williamstown, Victoria, Australia, [37°53'S 144°54'E], *Old Collection*.

**G5364** POSSIBLE SYNTYPE, 3 dry specimens, same data as G5362, *Old Collection*.

**G5365** POSSIBLE SYNTYPE, 2 dry specimens, Tasmania, Australia, *Old Collection*.

**G5367** POSSIBLE SYNTYPE, same data as G5366, *Old Collection*, [specimen not located, March 1993].

**intermedia**, *Exosphaeroma* Baker, 1926: 249, pl. 39 figs 1-8.

**P9491** HOLOTYPE, male, Vanderlin Island, Sir Edward Pellew Group, Northern Territory, Australia, [15°42'S 136°59'E], from clump of live coral in seine net, W.E.J. Paradise, RAN, June 1923.

**involuta**, *Paranthura* Whitelegge, 1901a: 220, fig. 18a-g.

**G2403** HOLOTYPE, 3-4 km off Botany Bay, New South Wales, Australia, [34°05'S 151°12'E], mud, 91-95 m, E.R. Waite on HMCS *Thetis*, 11 April 1898, Station 37.

**isotoma**, *Apanthura* Poore & Lew Ton, 1985a: 116, figs 1a, 9-11.

**P33581** PARATYPES, 38 specimens, off Paterson River, Port Phillip Bay, Victoria, Australia, 38°03'S 145°06'E, sand, Smith-McIntyre grab, 4 m, Ministry for Conservation, Victoria, 10 March 1971, Port Phillip Bay Environmental Study, PPBES 1231.

**juxtacarnea**, *Haswellia* Baker, 1926: 274, pl. 49 figs 6-7.

**P9581** HOLOTYPE, male, Lord Howe Island, Australia, [31°33'S 159°05'E].

**kapala**, *Bathynomus* Griffin, 1975: 104, figs 1-8, pl. 15.

**P32175** PARATYPE, female, 5 km south of North Solitary Island, New South Wales, Australia, 29°57'S 153°24'E, muddy sand, 75 m, *Galaitea* Expedition, 11 November 1951, Station 545.

**kapala**, *Bathynomus* Griffin, 1975: 104, figs 1-8, pl. 15.

**P17947** HOLOTYPE, female, off Wollongong, New South Wales, Australia, 34°24-29'S 151°20-17'E, prawn trawl, 351 m, FRV *Kapala*, 6 July 1971, K71-11-01.

**P17946** PARATYPES, 2 males, 1 female, north of...
Jervis Bay, New South Wales, Australia, 34°56'-35°01'S 151°10-07'E, trawled, 558-522 m, FRV Kapala, 7 July 1971, K71-11-07.

P17948 PARATYPES, 2 males, north of Sydney, New South Wales, Australia, 33°41-44'S 151°55-53'E, prawn trawl, 540 m, FRV Kapala, 20 April 1971, K71-07-01.

P17949 PARATYPE, female, off Port Stephens, New South Wales, Australia, 32°46-51'S 152°46-42'E, sandy mud, prawn trawl, 585-576 m, FRV Kapala, 7 May 1971, K71-09-01, [published date: 7 July 1971].

P17951 PARATYPE, female, south of Port Hacking, New South Wales, Australia, 34°19-13'S 151°24-28'E, prawn trawl, 360 m, FRV Kapala, 28 June 1971, K71-10-03.

P17952 PARATYPES, 1 male, 1 female, 40 km east of Sydney, New South Wales, Australia, 33°40-44'S 151°52-49'E, otter trawl, 270-360 m, FRV Kapala, 6 April 1971.

P17953 PARATYPES, 2 females, south of Ulladulla, New South Wales, Australia, 35°31-37'E 150°45-42'E, prawn trawl, 423-405 m, FRV Kapala, 08 July 1971, K71-11-10.

P17954 PARATYPE, female, south-east of Broken Bay, New South Wales, Australia, 33°40-35'S 151°55-58'E, prawn trawl, 540 m, FRV Kapala, 14 July 1971, K71-12-02, [specimen sent on exchange to Smithsonian Institution, Washington, July 1974].

P18010 PARATYPE, female, same data as P17952.

P18086 PARATYPE, female, off Broken Bay, New South Wales, Australia, 33°34-43'S 152°03'-151°59'E, smooth bottom, prawn trawl, 558 m, FRV Kapala, 21 April 1971, K71-07-02.

P19398 PARATYPES, 1 female, 2 males, off Sydney, New South Wales, Australia, 33°40-44'S 151°53-50'E, 405 m, FRV Kapala, 1 August 1972.

P19399 PARATYPE, female, off Botany Bay, New South Wales, Australia, 34°00'-33°54'S 151°43'-47'E, 732 m, FRV Kapala, 6 November 1972, K72-07-01 [published depth: 420 m]

kapala, Leptanthura Poore, 1978: 144, figs 6-7.

P25375 HOLOTYPE, juvenile, east of Wollongong, New South Wales, Australia, 34°27'S 151°27'E, Globegerina ooze, otter Trawl (doors crossed, net hit bottom), 1200 m, J.K. Lowry on FRV Kapala, 13 December 1976, K76-23-02.

P25376 PARATYPES, 12 specimens, type locality.

kapala, Rocinela Bruce, 1988a: 100.

P37140 HOLOTYPE, male, east of Clarence River mouth, New South Wales, Australia, 29°26-20'S 153°49-50'E, prawn trawl, 450 m, FRV Kapala, 12 October 1975, K75-09-08 [published registration number: P31740]

P17950 PARATYPE, off Port Stephens, New South Wales, Australia, 32°46-51'S 152°46-42'E, prawn trawl, 594 m, FRV Kapala, 7 May 1971.

P21014 PARATYPE, east of Broken Bay, New South Wales, Australia, 33°25-30'S 152°03-07'E, taken from fish caught in trawl, 540 m, FRV Kapala, 19 August 1975, K75-05-04.

P31704 PARATYPES, 2 females, 1 male, east of Wooli, New South Wales, Australia, 29°52-51'S 153°43'E, prawn trawl, 495 m, FRV Kapala, 23 August 1977, K77-13-10.

P31705 PARATYPES, 4 males, 2 females, type locality.

karkarook, Natatolana Bruce, 1986a: 69, figs 44-45.

P30335 HOLOTYPE, female, off Cairns Reef, Cooktown, Queensland, Australia, [15°42'S 145°29'E], on sand flats, I. Loch, 20 July 1973, [published date: 20 June 1973].

P30336 PARATYPE, female with mancas, type locality, 29 July 1973, [published date: 29 June 1973].

karobran, Mothocya Bruce, 1986b: 1149, figs 34-36.

P35229 PARATYPES, 2 females, Mannoning Park, Lake Macquarie, New South Wales, Australia, [33°06'S 151°37'E], host: Strongylura leuira, B.B. Collette, 6 November 1969.

P35228 PARATYPES, 1 ovigerous female, 1 immature specimen Lake Macquarie, New South Wales, Australia, 33°06'S 151°37'E, host: Tylosurus gavialoides, B.B. Collette, 3 May 1976, BBC-1463.

kawina, Serolina Poore, 1987: 170, figs 23-25.

P34796 PARATYPES, 2 males, 2 females, 2 juveniles, near mouth of Calliope River, Queensland, Australia, [23°55'S 151°10'E], sand, 3-5 m, J. Moverly, 1973-1983.

keablei, Synidotea Poore & Lew Ton, 1993: 263, figs 47-48.

P41329 HOLOTYPE, male, off mouth of Myrial River, Twofold Bay, New South Wales, Australia, 37°05.6'S 149°52.7'E, dirty sand, 10 m, J.K. Lowry and S.J. Keable, 27 November 1988.

P41330 PARATYPE, female, 500 m off Belmont Beach, near Newcastle, New South Wales, Australia, 33°02.6'S 151°40.9'E, 15 m, Australian Museum Hunter District Water Board Survey, 28 January 1976, HDWBS 09010104.

P41331 PARATYPE, juvenile, 1 km off Belmont Beach, near Newcastle, New South Wales, Australia, 33°02.6'S 151°40.9'E, 18 m, Australian Museum Hunter District Water Board Survey, 18 March 1975, HDWBS 09020202.
**kendi, Cirolana** Bruce, 1986a: 156, fig. 105.

P28788 HOLOTYPE, off Chinamans Ridge, Lizard Island, Queensland, Australia, [14°40'S 145°28'W], fine sand, 12 m, J.K. Lowry, 13 October 1978, LI-46.

P32345 PARATYPE, juvenile, type locality.

**kennedia, Aphanthura** Poore & Lew Ton, 1985a: 119, figs 12-14.

P29377 PARATYPE, 1 male, 2 juveniles, Middle Banks, off Tangalooma, Moreton Bay, Queensland, Australia, [27°12'S 153°22'E], S. Cook and S. Newlands, September 1973.

**kimbiae, Bassarolis** Poore, 1985a: 180, figs 1-3.

P34353 PARATYPES, 4 females, north-east of Flinders Island, Bass Strait, Victoria, Australia, 39°41.7'S 148°39.5'E, muddy sand, dredged, 115 m, G.C.B. Poore on HMAS *Kimbla*, 27 March 1979, BSS 32, [published latitude: 38°41.7'S]

**kombona, Cirolana** Bruce, 1986a: 156, fig. 106.

P27005 HOLOTYPE, female, Chinaman's Head, Lizard Island, Queensland, Australia, [14°40'S 145°27'W], coral reef rocks, 3.7 m, P. Hutchings and P. Weate, 7 November 1976, 76 LIZ B-00091.

P27008 PARATYPES, 2 specimens, type locality, 76 LIZ B-06093.

**kulai, Corallana** Bruce, 1982d: 243, figs 2-3.

P31870 PARATYPES, 2 specimens, south-west of Dongara, Western Australia, 29°49'S 114°24'E, 126-130 m, CSIRO Fisheries, 11 October 1963, Station 214, [published depth: 150 m].

**kunzea, Paranthura** Poore, 1984b: 57, figs 16-17.

P32601 PARATYPES, 4 specimens, Cape Portland, Tasmania, Australia, [40°45'S 147°56'E], 3 m, G. Edgar, 11 January 1981.

**laevis, Sphaeroma** Haswell, 1881a: 473, pl. 16 fig. 5.

P3367 POSSIBLE SYNTYPE, 1 specimen, Bondi, New South Wales, [33°52'S 151°23'E], on sandy beach.

**lambertia, Aphanthura** Poore & Lew Ton, 1985a: 119, figs 12-14.

P33583 PARATYPES, 1 male, 2 juveniles, Middle Banks, off Tangalooma, Moreton Bay, Queensland, Australia, [27°12'S 153°22'E], S. Cook and S. Newlands, September 1973.

**lara, Ulakanthura** Poore, 1978: 157, figs 16-18.

P25377 PARATYPE, Crib point, Western Port, Victoria, Australia, 38°21.15'S 145°14.44'E, sand, Smith-McIntyre grab, 12 m, Ministry for Conservation, Victoria, 25 February 1965, Crib Point Benthic Survey, CPBS 31E.

P25386 PARATYPES, 2 specimens, Port Phillip Bay, Victoria, Australia, 38°16.3'S 144°41.3'E, sand, Smith-McIntyre grab, 13 m, Ministry for Conservation, Victoria, 17 February 1971, Port Phillip Bay Environmental Study, PPBES 973.

P25387 PARATYPE, Port Phillip Bay, Victoria, Australia, 38°16.3'S 144°48.1'E, sand, Venturi sampler, 2 m, Ministry for Conservation, Victoria, 23 January 1973, Port Phillip Bay Environmental Study, PPBES 975.

P25388 PARATYPE, Port Phillip Bay, Victoria, Australia, 38°18.7'S 144°46.3'E, sand, Smith-McIntyre grab, 31 m, Ministry for Conservation, Victoria, 12 October 1973, Port Phillip Bay Environmental Study, PPBES 980.

P25389 PARATYPES, 6 specimens, Port Phillip Bay, Victoria Australia, 38°18.7'S 144°49.8'E, sand, Smith-McIntyre grab, 4 m, Ministry for Conservation, Victoria, 12 October 1973, Port Phillip Bay Environmental Study, PPBES 981.

**lata, Cirolana** Haswell, 1881b: 192, pl. 4 fig. 1.

P3323 PROBABLE SYNTYPE, Broughton Island, New South Wales, Australia, [32°36'S 152°19'E], *Old Collection*, [invalid designation of holotype status by Hale, 1925: 144].

G5316 POSSIBLE SYNTYPES, 13 dry specimens, off Port Stephens, New South Wales, Australia, [32°43'S 152°11'E], *Old Collection*, [labelled as types (A.R. McCulloch, 1905)].

**laticauda, Cassidina** Whitelegge, 1901a: 238, fig. 22a-e.

G2271 SYNTYPE, 8-9.5 km off Coogee, New South Wales, Australia, [33°57'S 151°21.5'E], fine sand, 90-91 m, E.R. Waite on HMCS *Thetis*, 15 March 1898, Station 44.

G2272 SYNTYPE, 1.5 km off Crookhaven River,
lobelia, Paranthura Whitelegge, 1902: 252, fig. 25a-b.

G2222 SYNTYPES, 3 specimens, 3-5.5 km offshore, northern end Newcastle Bight, New South Wales, Australia, 32°50'S 152°03.5'E, sand and pebbles, 49-44 m, E.R. Waite on HMCS *Thetis*, 7 March 1898, Station 33.

leawilla, *Natatolana* Bruce, 1986a: 85, figs 56-57.

P33551 HOLOTYPE, female, east of Port Jackson, New South Wales, Australia, 33°35-37'S 152°05'E, sledge dredge, 1125-1090 m, R.T. Springthorpe and P. Colman on FRV *Kapala*, 10 December 1980, K80-20-10.

P33550 PARATYPE, east of Port Jackson, New South Wales, Australia, 33°37-39'S 152°04-02'E, sledge dredge, 909-880 m, R.T. Springthorpe and P. Colman on FRV *Kapala*, 10 December 1980, K80-20-09.

P33552 PARATYPES, 3 specimens, east of Port Jackson, New South Wales, Australia, 33°31-33'S 152°08-07'E, sledge dredge, 900-892 m, R.T. Springthorpe and P. Colman on FRV *Kapala*, 10 December 1980, K80-20-08.

lethrina, *Aega* Bruce, 1983b: 766, figs 7-8.

P33548 PARATYPES, 4 males, 1 female, 2 mancas, Heron Island, Capricorn Group, Queensland, Australia, 23°26.5'S 151°54.5'E, in nasal passage of fish: *Cromileptes altivelis*, N.L. Bruce, 1 December 1979, [published collection date: 1 November 1979].

P33549 PARATYPES, 3 males, 3 females, Myrmidon Reef, Great Barrier Reef, Queensland, Australia, 18°16.2'S 147°23.4'E, in orbits of fish: *Lethrinus chrysostomus*, 40 m, D. Fisk and N.L. Bruce, 5 May 1982.

lobata, *Bopyrina* Bourdon & Bruce, 1983b: 100, fig. 3.

P21772 HOLOTYPE, Bribie Passage, off Caloundra, Queensland, Australia, 27°05'S 153°10'E, host: *Tozeuma* sp., from *Zostera* beds, J. Hynd, 29 May 1947.

lobelia, *Paranthura* Poore, 1984b: 59, figs 18-19.

P32602 HOLOTYPE, female, off Shoal Bay, Port Stephens, New South Wales, Australia, 32°41'S 152°09'E, coarse sand with *Posidonia australis*, 2.5 m, P. Gibbs, 1 September 1976.

P32603 PARATYPES, 3 specimens, type locality.

latifrons, *Sphaeroma* Whitelegge, 1902: 252, fig. 25a-b.

P37258 PARATYPE, AIMS Harbour, Cape Ferguson, Queensland, Australia, 19°17'S 147°04'E, on gills of host: *Pellona ditchella*, [AMI209-04-033], Australian Institute of Marine Science, 4 February 1979.

longicornis, *Arcturus* Haswell, 1881b: 194.

G5370 HOLOTYPE, dry specimen, Tasmania?, Australia.

longispira, *Natatolana* Bruce, 1986a: 82, figs 54-55.

P32371 PARATYPES, 3 specimens, Western Port, Victoria, Australia, 38°21'S 145°16'E, sand, Smith-McIntyre grab, 9 m, Ministry for Conservation, Victoria, 20 November 1973, Westernt Bay Environmental Survey, 1973-1974, WBES 1727-2.

P32372 PARATYPE, Crib Point, Western Port, Victoria, Australia, 38°21'S 145°14'E, Smith-McIntyre grab, 14 m, Ministry for Conservation, Victoria, 15 July 1964, Crib Point Benthic Survey, CPBS A1-2.

P32373 PARATYPES, 7 specimens, Crib Point, Western Port, Victoria, Australia, 38°20'S 145°15'E, sand, Smith-McIntyre grab, 11 m, Ministry for Conservation, Victoria, 10 March 1965, Crib Point Benthic Survey, CPBS 25N-4.

P32374 PARATYPES, 4 specimens, Port Phillip Bay, Victoria, Australia, 38°05'S 144°43'E, silt and sand, 15 m, Ministry for Conservation, Victoria, 10 February 1970, Port Phillip Bay Benthic Survey, PPBBS 932-3.

lowryi, *Califanthura* Poore, 1984a: 701, fig. 2b.

P32611 PARATYPES, 2 females, 1 juvenile, rocks at mouth of Caroline Cove, Macquarie Island, Australia, 54°46'S 158°48'E, tunicates and *Macrocystis pyrifera* holdfasts, 13 m, J.K. Lowry, 16 January 1978, MA-306.

maculata, *Haliophasma* Haswell, 1881a: 477, pl. 18 fig. 2.

P3313 POSSIBLE SYNTYPES, 2 specimens, Port Jackson, New South Wales, Australia, 33°51'S 151°16'E, *Old Collection*, [published figure number: fig. 3; labelled as types (F.A. McNeill, 1912); Poore, 1986c: 88, states: "type material no longer exists").

maculosus, *Styloniscus* Green, 1961: 276, figs 23-41.

P13526 HOLOTYPE, male, Tarraleah, Tasmania, Australia, 42°18'S 146°26'E, debris on ground in eucalypt and tree fern forest, A.J. Green, 7 October 1957.

P13527 PARATYPE, female, type locality.
**mammifera, Cymodocea** Haswell, 1881a: 474, pl. 18, fig. 1.

P3359 **POSSIBLE SYNTYPE**, Port Denison, Queensland, Australia, [20°03′S 148°15′E], *Old Collection*.

**manorae, Cirolana** Bruce & Javed, 1987: 1455, figs 3-4.

P37145 **HOLOTYPE**, male, Manora Island, Karachi, Pakistan, [24°47.7′N 66°58.9′E], intertidal, 21 June 1981.

P37146 **PARATYPE**, male, type locality.

P37147 **PARATYPE**, type locality, 6 June 1981, [published as P37148].

P37148 **PARATYPES**, 6 specimens, Bulleji, Karachi Coast, Pakistan, [24°47.7′N 66°58.9′E], intertidal, 21 June 1981, [published date: 11 March 1983].

**marrongie, Kupellonura** Poore & Lew Ton, 1988d: 184, fig. 11.

P37928 **PARATYPE**, juvenile, between sand spit and Shark Alley, One Tree Island, Capricorn Group, Queensland, Australia, [23°30′S 152°05′E], medium fine sand, 1.5 m, C. Short and J. Young, 17 October 1979, transect 1.2.

**matong, Natatolana** Bruce, 1986a: 93, figs 62-63.

P33546 **PARATYPES**, 2 specimens, west of King Island, Tasmania Australia, [39°55′S 144°00′E], 180 m, 21 October 1950.

**mbudya, Metacirolana** Bruce, 1981b: 457, fig. 1.

P30402 **HOLOTYPE**, manca, north west corner of Mbudya Island, 16 km north of Dar es Salaam, Tanzania, East Africa, 06°39.1′S 39°14.5′E, on algae, 2 m, W.F. Ponder, 1 October 1977.

**mekista, Cirolana** Bruce, 1986a: 185, figs 127-128.

P30399 **PARATYPE**, Cairns, Queensland, Australia, [16°55′S 145°46′E], CSIRO, Paull 175.

P32685 **PARATYPE**, same data as P30399, [specimen not located, March 1993].

**merga, Hadromastax** Bruce, 1988b: 347, figs 1-3.

P37144 **HOLOTYPE**, non-ovigerous female, east of Newcastle, New South Wales, Australia, 33°06′S 156°09.3′E, 154-164 m, W. Ponder and R.T. Springthorpe on RV *Tangaroa*, 7 October 1982, U-212, [published registration number: P371144].

**miersi, Paranthura** Haswell, 1885b: 1012, pl. 53 figs 2-5.

P3318 **PROBABLE SYNTYPE**, Port Jackson, New South Wales, Australia, [33°51′S 151°16′E], [invalid designation of holotype status by Poore, 1986c: 98].

**minya, Eurydice** Bruce, 1986a: 28, figs 15-16.

P32379 **PARATYPES**, 7 specimens, Halifax Bay, Townsville, Queensland, Australia, [18°50′S 146°20′E], soft sandy mud, 10.8 m, James Cook University, North Queensland, 23 November 1976, Q306A, Q275AIII.

**mirandae, Juletta** Bruce, 1993a: 158, figs 2-4.

P41022 **HOLOTYPE**, male, rocks near Migo Island, Port Harding, Torbay, Western Australia, Australia, 35°04′S 117°39′E, from rocks among small brown algae and tunicates, 6.5 m, R.T. Springthorpe, 15 December 1983, WA 152.

P37498 **PARATYPES**, 1 male, 1 female, type locality.

**morilla, Cirolana** Bruce, 1986a: 159, figs 108-109.

P33553 **PARATYPES**, 4 specimens, Port Curtis, Gladstone, Queensland, Australia, [23°51′S 151°16′E], diked, P. Saenger and J. Moverly, 1975.

**moroea, Mesanthuria** Poore & Lew Ton, 1986b: 98, figs 3a, 12a.

P32682 **PARATYPE**, off Snapper Point, Kioloa, New South Wales, Australia, 35°32′S 150°23′E, rock with dictyotalean algal patches, coarse gravel, 20 m, J.K. Lowry and R.T. Springthorpe, 26 April 1981, NSW-15, [published locality: Kioloa, New South Wales].

P33883 **PARATYPES**, 4 specimens, Morna Point, New South Wales, Australia, [32°47′S 152°07′E], dictyotalean alga from open tide pool, 1 m, J.K. Lowry and G.C.B. Poore, 16 January 1981, NSW-142, [published registration number: P33833].

P33884 **PARATYPE**, same locality as P33883, *Colpomenia* sp., low tide, NSW-138.

P33885 **PARATYPES**, 2 specimens, same locality as P33883, *Sargassum* sp. from open tide pool, 1 m, NSW-141.

P33886 **PARATYPES**, 2 specimens, same locality as P33883, *Ecklonia* sp holdfasts, sponges from open tide pool, 1 m, NSW-143.

**murrayi, Leptanthura** Poore, 1981a: 82, figs 19-20.

P30724 **PARATYPES**, 2 specimens, Crib Point, Western Port, Victoria, Australia, 38°21.17′S 145°14′E, coarse sand, Smith-McIntyre grab, 18
nasuta, Cerceis Whitelegge, 1902: 276, fig. 36a-b.

myripristae, Elthusa Bruce, 1990: 255, figs 3-5.

P37773 HOLOTYPE, ovigerous female, Escape Reef, Queensland, Australia, 15°49'S 145°50'E, from gills of Myripristis violaceus, 14-17 m, J. Paxton and G. Allen, et al, 29 October 1981. P37774 PARATYPE, male, type locality.

nagada, Plakolana Bruce, 1993b: 13, figs 7-8.

P41015 HOLOTYPE, male, east of Christensen Research Institute jetty, Nagada Harbour, Papua New Guinea, 5°09.6'S 145°48.7'E, soft mud, 16 m, J.K. Lowry and J.K. Elliot, 2 February 1990, PNG 129. P40172 PARATYPES, 1 male, 5 females, 1 immature, type locality.

nammuldi, Natatolana Bruce, 1986a: 113, figs 77-78.

P32363 PARATYPE, female, Crib Point, Western Port, Victoria, Australia, 38°21'1'S 145°14'E, fine sand and mud, Smith/McIntyre grab, 15 m, Victorian Fisheries and Wildlife Department, 8 April 1965, Crib Point Benthic Survey, CPBS 300/866. P32364 PARATYPES, 2 specimens, same as P32363, 12 March 1965, CPBS 318-867. P32365 PARATYPE, female, Crib Point, Western Port, Victoria, Australia, 38°22'S 145°12'E, fine sand and mud, Smith/McIntyre grab, 16 m, Victorian Fisheries and Wildlife Department, 8 April 1965, Crib Point Benthic Survey, CPBS 300-1270.

napiersiensis, Tainisopus Wilson & Ponder, 1992: 289, figs 9-12.

P40760 HOLOTYPE, preparatory female, Napier Downs Cave, Napier Ranges, Kimberley Region, Western Australia, 17°14'S 124°38'E, flood prone, still, clear pool in outer part of cave, pH about 7.6, conductivity 260, limestone rock, boulders, gravel, sand, mud and silt, 1 m, W.F. Ponder, 3 July 1988, Station WFP K10.

naylori, Maoridotea Jones & Fenwick, 1978: 618, figs 1-21.

P25533 PARATYPES, 1 male, 3 females, South Bay, Kaikoura, New Zealand, 42°25.8'S 173°41.2'E, coarse, shelley sand, 3 m, G.D. Fenwick, 22 October 1977.

nelladanae, Vermectias Just & Poore, 1992: 126, figs 1-9.

P40615 PARATYPES, 13 specimens, large rock platform 500 m south of hut, Green Gorge, Macquarie Island, Australia, 54°38'S 158°55'E, filamentous red algae from intertidal pool, D.S. Horning, 8 January 1978, MA 275, [specimens not located, March 1993].

nemiperti, Anilocra Bruce, 1987a: 106, figs 15-17.

P36252 PARATYPE, male, north-west corner, Palfrey Island, Lizard Group, Queensland, Australia, [14°40'S 145°28'E], host: Scolopsis bilineatus, 8 m, N.L. Bruce and R.T. Springthorpe, 24 July 1985, Station 17. P36253 PARATYPE, ovigerous female, patch reef in front of Research Station, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], host: Scolopsis bilineatus, 2 m, N.L. Bruce and R.T. Springthorpe, 24 July 1985, Station 18.

P36254 PARATYPE, damaged ovigerous female, Anchor Bay, Osprey Island, Palm Group, Queensland, Australia, [18°38'S 146°29'E], host: Scolopsis bilineatus, 7 m, N.L. Bruce and R.T. Springthorpe, 15 April 1986, Station 5.

P36255 PARATYPES, 2 females, north side of Granite Bluff, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], host: Scolopsis bilineatus, 7 m, N.L. Bruce and R.T. Springthorpe, 23 July 1985, Station 15.

P36256 PARATYPE, male, Granite Bluff, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], host: Scolopsis bilineatus, 5 m, N.L. Bruce and R.T. Springthorpe, 20 July 1985, Station 11, [published depth: 7 m].

P36257 PARATYPES, 2 males, same locality as P36252, host: Scolopsis marginifer, 7 m, N.L. Bruce and R.T. Springthorpe, 23 July 1985.

nepea, Serolina Poore, 1987: 178, figs 29-31.

P34795 PARATYPES, 2 males, 2 females, 5 juveniles, east of Flinders Island, Bass Strait, Victoria, Australia, 39°44.8'S 148°40.6'E, epibenthic sled, fine sand, mud, 124 m, G.C.B. Poore on RV Tangaaroa, 14 November 1981, BSS-167.

nichollsi, Australophiloscia Vandel, 1973: 69, figs 37-39.

P18945 SYNTYPES, 2 specimens, summit, Mount Tangaroa, Northern Territory, Australia.
obesa, *Neocirrolana* Hale, 1925: 154, fig. 13.

P8203 HOLOTYPE, male, Nelson's Bay, Port Stephens, New South Wales, Australia, [32°42'S 152°06'E].

P3311 PARATYPES, 11 specimens, type locality.

P8204 PARATYPE, female, type locality.

P9614 PARATYPES, 7 specimens, type locality.

P9615 PARATYPE, type locality.

P9616 PARATYPES, 4 specimens, type locality.

obesa, *Cilicaeopsis* Baker, 1926: 260, pl. 44 figs 8-11.

P9512 SYNTYPES, 12 females, Shelley Beach, near Manly, New South Wales, Australia, [33°48'S 151°17'E], [published locality: Shell Beach; includes unidentifiable holotype].

obesa, *Leptanthera* Poore, 1978: 138, figs 4-5.

P25373 PARATYPE, Port Phillip Bay, Victoria, Australia, 38°04.7'S 144°46.3'E, sand, silt and clay, Smith-McIntyre grab, 18 m, Ministry for Conservation, Victoria, 13 February 1970, Port Phillip Bay Environmental Study, PPBES 933.

P25374 PARATYPE, type locality.

nunana, *Leptanthera* Poore, 1978: 138, figs 4-5.

P25373 PARATYPE, Port Phillip Bay, Victoria, Australia, 38°04.7'S 144°46.3'E, sand, silt and clay, Smith-McIntyre grab, 18 m, Ministry for Conservation, Victoria, 13 February 1970, Port Phillip Bay Environmental Study, PPBES 933.

P25374 PARATYPE, type locality.

nonsegnis, *Limnoria* Menzies, 1957: 186, fig. 39.

P12766 HOLOTYPE, male, Port Arthur, Tasmania, Australia, [43°09'S 147°51'E], from holdfast of *Macrocystis* sp., A.B. Cribb, June 1951.

P38930 PARATYPE, ovigerous female, type locality, [re-registered from P12766].

P38931 PARATYPES, 11 specimens, type locality, [re-registered from P12766].

notleyensis, *Plymophiloscia* Green, 1961: 316, figs 125-131.

P13534 HOLOTYPE, male, Notley Gorge, Tasmania, Australia, [41°21'S 146°55'E], under stones, among fallen eucalypt and dogwood leaves on damp hillside, A. Green, between 26 May 1956 and 9 August 1957.

P13535 PARATYPE, type locality.

nodosa, *Kephylia* Bruce, 1980b: 178, figs 2-3.

P29547 PARATYPE, male manca, North Cay, Chesterfield Reefs, Coral Sea, Australia, [19°48'S 158°17'E], reef crest, 2 m, N.L. Bruce, 10 May 1979 [published depth: 15 m; specimen not located, March 1993].

octaphymata, *Paradella* Harrison & Holdich, 1982a: 101, fig. 5.

G2161 PARATYPE, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°40'S 151°11'E], mud, 108-99 m, E.R. Waite on HMCS *Thetis*, 22 March 1898, Station 57.

P11673 PARATYPE, female, 3-4 km off Botany Bay, New South Wales, Australia, [34°05'S 151°15'E], mud, 91-95 m, E.R. Waite on HMCS *Thetis*, 11 March 1898, Station 37, [published substrate and depth: sand to rock, 42-37 m].

olearia, *Apanthuretta* Poore & Lew Ton, 1985a: 137, figs 1b, 28-30.

P33568 PARATYPES, 2 specimens, east of Point Wilson, Port Phillip Bay, Victoria, Australia, 38°07'S 144°41.3'E, sand, Smith-McIntyre grab, 2 m, Ministry for Conservation, Victoria, 10 June 1971, Port Phillip Bay Environmental Study, PPBES 944.

orbellum, *Limnoria* Cookson, 1991: 206, figs 36-39, pl. 2c.

P38926 HOLOTYPE, male, Cape Don, Cobourg Peninsula, Northern Territory, Australia, [11°18'S 131°46'E], from timber, R.D. Turner and J.V. Marshall, 26 October 1970.

P35425 PARATYPES, 1 male, 1 ovigerous female, 2 non-ovigerous females, type locality.

P38925 PARATYPE, 12 males, 20 ovigerous females, 7 non-ovigerous females, 6 juveniles, type locality.

P38927 PARATYPE, male, type locality.
orrielia, Serolina Bruce, 1986a: 160, fig. 110.

orientalis, Ancyroniscus Bourdon & Bruce, 1980: 22, figs 1-2.

ornata, Cilicoea Whitelegge, 1902: 269, fig. 33-a-b.

ornatocephalus, Armadillonicus Lewis, 1992a: 152, fig. 2a-b.

oryza, Accalathura Poore & Lew Ton, 1990a: 391, fig. 8.

oryza, Accalathura Poore & Lew Ton, 1990a: 391, fig. 8.

P38928 PARATYPE, non-ovigerous female, type locality.
P39829 PARATYPES, 1 ovigerous female, 1 juvenile, type locality.

P32167 HOLOTYPE, male, east of main wharf, Thursday Island, Torres Strait, Queensland, Australia, [10°35'S 142°13'E], sandy mud and rocks, W.F. Ponder, 29 June 1976 [published latitude and longitude: 10°05'S 142°18'E].
P28796 PARATYPES, 2 specimens, type locality.

oreonata, Ciriola Bruce, 1986a: 160, fig. 110.

P32167 HOLOTYPE, male, east of main wharf, Thursday Island, Torres Strait, Queensland, Australia, [10°35'S 142°13'E], sandy mud and rocks, W.F. Ponder, 29 June 1976 [published latitude and longitude: 10°05'S 142°18'E].
P28796 PARATYPES, 2 specimens, type locality.

orientalis, Ancyroniscus Bourdon & Bruce, 1980: 22, figs 1-2.
P29967 HOLOTYPE, male cryptoniscid larva, Heron Island, Capricorn Group, Queensland, Australia, [23°28.5'S 151°58.8'E], host: Aega cyclops Haswell on Lethrina chrysostomus, A.J. Bruce, 10 August 1978, [specimen not located, March 1993].
P29968 PARATYPES, 2 juvenile females, type locality.

ornata, Cilicoea Whitelegge, 1902: 269, fig. 33-a-b.

G2236 SYNTYPES, 5 specimens, 5-4.5 km off Jibbon Point, New South Wales, Australia, [34°07.5'S 151°12'E], sand and mud, 84-101 m, E.R. Waite on HMCS Thetis, 12 March 1898, Station 38.

G2237 SYNTYPES, 2 specimens, 3-4 km off Botany Bay, New South Wales, Australia, [34°05'S 151°15'E], mud, 91-95 m, E.R. Waite, on HMCS Thetis, 11 March 1898, Station 37.

G2238 SYNTYPE, 6.5-10.5 km off Manning River, New South Wales, Australia, [31°57'S 152°46'E], fine grey sand, 40 m, E.R. Waite on HMCS Thetis, 5 March 1898, Station 28.

G2268 SYNTYPES, 2 specimens, 9-12 km off Cape Three Points, New South Wales, Australia, [33°32'S 151°32.5'E], sticky mud and shell, 75-91 m, E.R. Waite on HMCS Thetis, 25 February 1898, Station 13.

ornatocephalus, Armadillonicus Lewis, 1992a: 152, fig. 2a-b.

P39141 HOLOTYPE, female, Cardwell Beach, Queensland, Australia, 18°10'S 146°01'E, under debris at high water mark, F. Lewis, August 1988.
orriella, Serolina Poore, 1987: 181, figs 32-34.

P23478 HOLOTYPE, 1 km east of Belmont Beach, New South Wales, Australia, 33°03'S 151°41'E, Shipek grab, 22 m, Australian Museum Hunter District Water Board Survey, 20 September 1975, HDWBS 09010203, transect 01.
P23474 PARATYPES, 2 juveniles, 1 km east of Burwood Beach, New South Wales, Australia, 32°57.5'S 151°45'E, fine sand, Shipek grab, 26 m, Australian Museum Hunter District Water Board Survey, 20 September 1975, HDWBS 06010201, transect 01.
P23475 PARATYPE, same locality as P23474, 20 m, 22 August 1975, Station 06020205, transect 02.
P23477 PARATYPE, juvenile, 1.5 km east of Burwood Beach, New South Wales, Australia, 32°57.5'S 151°45'E, bottom coarse sand, Shipek grab, 22 m, Australian Museum Hunter District Water Board Survey, 20 September 1975, HDWBS 06020304, transect 02.
P23479 PARATYPE, type locality, 18 m, 28 January 1976, HDWBS 09030203, transect 03.
P24000 PARATYPE, 1.5 km east of Belmont Beach, New South Wales, Australia, 33°03'S 151°41'E, Shipek grab, 23 m, Australian Museum Hunter District Water Board Survey, 20 September 1975, HDWBS 09010302.
P24001 PARATYPE, juvenile, 1.5 km east of McMasters Beach, New South Wales, Australia, 33°30'S 151°25'E, Shipek grab, 20 m, Australian Museum Hunter District Water Board Survey, 20 July 1975, HDWBS 05030304.
P24002 PARATYPES, 2 males, 1 female, same locality as P24001, 22 November 1975, HDWBS 05040305.
P24006 PARATYPE, female, same locality as P24000, 16 December 1975, HDWBS 09010305.
P24010 PARATYPE, sub-male, same locality as P23474, 20 m, 18 December 1975, HDWBS 06020204.
P24012 PARATYPE, same locality as P23477, mud with gravel, 28 m, 27 February 1976, HDWBS 06010304.
P24013 PARATYPE, male, type locality, 16 December 1975, HDWBS 09010201.
P34979 PARATYPE, female, type locality.

oryza, Accalathura Poore & Lew Ton, 1990a: 391, fig. 8.

P29797 HOLOTYPE, juvenile, lagoon shallows off Mangrove Beach, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], 1.5 m, C. Short, 30 September 1978 [published registration number: P29792] P29663 PARATYPE, southern end lagoon Lizard Island, Queensland, Australia, [14°40'S 145°28'E], sand, 3m, A. Jones and C. Short, 10 October 1978.
pambula, Bullowanthura Poore, 1978: 146, figs 8-9.
P252378 HOLOTYPE, juvenile, 1.6 km east of Malabar, New South Wales, Australia, 33°58.2'S 151°17'E, dredge, 66 m, Australian Museum Shelf Benthic Survey, 31 July 1973, AMSBS III. P22790 PARATYPE, east of Malabar, New South Wales, Australia, 33°58.2'S 151°18.6'E, medium sand, Shipek grab, 69 m, Australian Museum
parca, Argathona Hale, 1940: 293, fig. 3.

E6787  HOLOTYPE, female, off Hummocky Island, Queensland, Australia, [23°24'S 151°09'E], from the eye of a Queensland grouper, FIS Endeavour, 30 July 1910.

parvostis, Mothoea Bruce, 1986b: 1105, figs 6-7.

P35237 PARATYPES, 1 male, 1 non-ovigerous female, near Nagasaki, Kyushu Island, Japan, [32°45'N 129°52'E], host: Girella punctata, K. Hatai, 16 June 1980.

pelor, Bathynomus Bruce, 1986a: 133, figs 91-92.

P32587 HOLOTYPE, 250 km north-west of Port Hedland, Western Australia, 18°40'5 116°30'E, Engel trawl, 700 m, J. Paxton and M. McGrouther on RV Soela, 5 April 1982, SO2-82-22, [published registration number: P32857].

P32588 PARATYPE, type locality, 600 m, 4 April 1982, SO2-82-19.20.

P32589 PARATYPE, 250 km north-west of Port Hedland, Western Australia, 18°29'5 116°36'E, mud, Engel trawl, 700 m, J. Paxton and M. McGrouther on RV Soela, 6 April 1982, SO2-82-26.

P33560 PARATYPE, type locality.

peroni, Colanthura Poore, 1981a: 73, figs 12-13.

P24949 HOLOTYPE, female, Tuross River, New South Wales, Australia, 36°04.73'S 150°07.43'E, low tide transect, N. Carrick, Australian Museum Eurobodalla Shire Estuary Survey, 7 August 1974, AMESES 38.

P20899 PARATYPE, Brobothalle Bay, Tuross River, New South Wales, Australia, 36°05'S 150°07.5'E, mangrove mud flat, N. Carrick, Australian Museum Eurobodalla Shire Estuary Survey, 15 October 1974, AMESES 64.

P24950 PARATYPE, Coila Lake, New South Wales, Australia, 36°01'S 150°06.5'E, low tide transect, N. Carrick, Australian Museum Eurobodalla Shire Estuary Survey, 21 September 1974, AMESES 29.

P24951 PARATYPES, 2 specimens, Tuross River, New South Wales, Australia, 36°03.3' 150°05.5'E, low tide transect, N. Carrick, Australian Museum Eurobodalla Shire Estuary Survey, 11 September 1974, AMESES 64.

petrensis, Heterias Roberts, 1975: 22, figs 1-7.

P20097 HOLOTYPE, male, Lake Crescent, Tasmania, Australia, [42°10'S 147°10'E], P.C. Roberts, 30 November 1972, [published date: 30 May 1972].

P20098 PARATYPE, female, type locality.

P20099 PARATYPES, 15 males, type locality.

P20100 PARATYPES, 15 females, type locality.

P20101 PARATYPES, 15 juveniles, type locality.

picta, Austroargathona Rick, 1966: 176, figs 1-6.

P33544 HOLOTYPE, Darling River, Bourke, New South Wales, Australia, [30°05'S 145°56'E], host: Macrobrachium sp.

pillara, Belura Poore & Lew Ton, 1988d: 172, figs 2-4.

P37926 PARATYPES, 5 juveniles, 75 km south of Wilsons Promontory, Bass Strait, Victoria, Australia, 39°49.5'S 146°18.5'E, bryozoans and mud, Smith-McIntyre grab, 82 m, Victorian Institute of Marine Science, NZOI RV Tangaroa, 13 November 1981, BSS 158.

pinella, Apanthuretta Poore & Lew Ton, 1985a: 143, figs 31-33.

P33590 PARATYPES, 4 specimens, Middle Banks, Morton Bay, Queensland, Australia, [27°12'S 153°22'E], S. Cook and S. Newlands, December 1972.

P33591 PARATYPES, 3 specimens, same locality as P33590, December 1973.

pinnatum, Haliophasma Poore, 1975: 519, figs 9-10.

P20439 HOLOTYPE, subadult, off North Head, Port Jackson, New South Wales, Australia, 33°50.6'S 151°21'E, dredge, 66 m, Australian Museum Shelf Benthic Survey, 23 January 1973, AMBS 22.

P20440 PARATYPE, male, off North Head, Port Jackson, New South Wales, Australia, 33°49.5'S
151°21.6'E, dredge, 66 m, Australian Museum Shelf Benthic Survey, 27 February 1973, AMSBS 34.

P20441 PARATYPES, 4 specimens, off North Head, Port Jackson, New South Wales, Australia, 33°49.9'S 151°21.9'E, dredge, 66 m, Australian Museum Shelf Benthic Survey, 18 January 1973, AMSBS 20, [published number of specimens: 5].

dium, Sphaeroma

plesiopi, Renocila

plesiopi, Renocila Bourdon, 1976: 196, figs 18-20.

P18602 SYNTYPE, 24 km north-west of Cape Jervis, South Australia, [35°36'S 138°06'E], host: Pisidia dispar (Stimpson), 31 m, FIS Endeavour, 1913.

P18603 SYNTYPES, 9 specimens, type locality.

planus, Styloniscus Green, 1970: 67, figs 21-28.

P17672 HOLOTYPE, male, Wombat Moor, Mount Field National Park, Tasmania, Australia, [42°40'S 146°31.5'E], under stones on damp ground, 1070 m altitude, A.J. Green, 6 March 1962.

P17673 PARATYPE, female, type locality.

plesiopi, Renocila Bruce, 1987b: 178, figs 7-8.

P37139 HOLOTYPE, ovigerous female, Gillett Cay, Swain Reefs, Queensland, Australia, 21°43'S 152°25'E, host: Plesiopsis coralligeta, Australian Museum Swain Reefs Expedition, 14 October 1962.

P10686 PARATYPE, female, Heron Island, Capricorn Group, Queensland, Australia, [23°27'S 151°55'E], attached to caudal peduncle of host: Apogon guttatus, M. Ward, September 1926.

P15597 PARATYPE, type locality, host: Plesiopsis nigricans (Rüppell).

P15598 PARATYPES, 2 specimens, type locality, host: Plesiopsis nigricans (Rüppell).

P15599 PARATYPE, type locality, host: Apogon sp.

P15600 PARATYPE, type locality.

P25006 PARATYPE, west channel, One Tree Island, Capricorn Group, Queensland, Australia, [23°30'S 152°05'E], sand and coral bottom, SCUBA, rotenone and hand nets, D. Hoese and V. Moore, 29 September 1971.

plumosa, Sphaeroma Whitelegge, 1902: 254, fig. 26a-c.

G2278 SYNTYPE, 1 specimen, 8-9.5 km off Coogee, New South Wales, Australia, [33°57'S 151°21.5'E], fine sand, 90-91 m, E.R. Waite on HMCS Thetis, 15 March 1898, Station 44.

G3911 SYNTYPES, 2 specimens, 11-12.5 km off Wollongong, New South Wales, Australia, [34°27'S 151°04'E], sand, mud and rock, 101-102 m, E.R. Waite on HMCS Thetis, 18 March 1898, Station 48.

pomacentri, Anilocra Bruce, 1987a: 124, figs 31-32.

P36270 PARATYPES, 1 male, 1 female, 1 sex indeterminate, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], host: Pomacentrus melanochir, 10 m, R. Pitcher, 22 March 1985.

P36285 PARATYPE, non-ovigerous female, reef pass, north end Carter Reef, Great Barrier Reef, Queensland, Australia, [14°35'S 145°37'E], host: Chromis atripes, 18 m, N.L. Bruce and N. Preston, 11 February 1986.

pore, Eurylana Bruce, 1982b: 614, figs 1-2.

P32346 HOLOTYPE, Motupore Island, Bootless Bay, Papua New Guinea, 09°32'S 147°17'E, trapped with fish baits on sand spit, 0.1 m, A.J. Bruce, 3 November 1980.

P32347 PARATYPES, 10 specimens, type locality.

portula, Cirolana Bruce, 1986a: 187, figs 129-130.

P32169 PARATYPE, Western Port, Victoria, Australia, 38°27.5'S 145°08.6'E, sand, 18 m, Marine Studies Group, Ministry for Conservation, Victoria, 25 November 1974, Western Port Benthic Survey, 1973-74, WPBS 1747-3.

P32170 PARATYPE, Crib Point, Western Port, Victoria, Australia, 38°21'S 145°14'E, gravelly sand, 11 m, Marine Studies Group, Ministry for Conservation, Victoria, 12 October 1964, Crib Point Benthic Survey, CPBS A4T-3, [published latitude: 28°21'S].

pravipalma, Cerceis Harrison & Holdich, 1982b: 436, figs 8, 9a-f.

P28820 PARATYPE, male, in the vicinity of Thursday Island, Torres Strait, Queensland, Australia, [10°35'S 142°13'E], beam trawl over seagrass beds, P.C. Young, 17 April 1970, [specimen not located, March 1993].

primitivus, Australiodillo Vandell, 1973: 110, figs 59-62.

P18946 SYNTYPES, 4 specimens, summit of Mount Gower, Lord Howe Island, Australia, 31°33'S 159°05'E, moss, H.G. Cogger, June 1966.

pychura, Dynamenella Harrison & Holdich, 1982a: 94, fig. 13i-w.

P27017 PARATYPES, 2 specimens, between Research Point and Freshwater Beach, Lizard Island, Queensland, Australia, [14°41'S 145°27'E], on clumps of oysters in littoral zone, P. Weate, S. Oldfield and P. Berents, 16 April 1978, Station 78 Liz-PBW-3.
pumicea, Cirolana Hale, 1925: 130, fig. 1.

G5319 HOLOTYPE, New South Wales waters, Australia.
P40091 PARATYPE, type locality, [re-registered from G5319].

purpurea, Haliophasma Haswell, 1881a: 477, pl. 18 fig. 3.
P20834 PROBABLE SYNTYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], [published figure number: pl. 18 fig. 2; invalid designation of holotype status by Poore, 1975: 525].
P3314 POSSIBLE SYNTYPES, 3 specimens, type locality, [labelled as types (F.A. McNeill, 1912); Poore, 1975: 525 refers to P3314 as material examined].

pustulosa, Cirolana Hale, 1925: 139, fig. 6.
P8202 HOLOTYPE, Cooktown, Queensland, Australia, [15°28'S 145°15'E], A.G. Maitland.

pyriformis, Ourozeuktes Haswell, 1882a: 284.

G5383 POSSIBLE SYNTYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as type (A.R. McCulloch, 1905); no locality specified in the original description; specimen not located, March 1993].
P3331 POSSIBLE SYNTYPE, type locality, Old Collection.

rica, Apanthuropsis Poore & Lew Ton, 1985a: 147, figs 1c, 34-37.
P33588 PARATYPE, Westernport Bay, Victoria, Australia, 38°26.6'S 145°18.8'E, sand, Smith-McIntyre grab, 14 m, Ministry for Conservation, Victoria, 26 November 1973, Westernport Bay Environmental Study, WBES 1730.

rima, Colanthura Poore, 1981b: 336, figs 5-6.
P31060 PARATYPE, female, Ho Ho Islet, The Snares, New Zealand, 48°07'S 166°36'E, hydroids from lower Durvillea zone, G.D. Fenwick, 17 February 1977, SA-3543.

romulea, Mesanthura Poore & Lew Ton, 1986b: 102, figs 3b, 12b.
P33881 HOLOTYPE, juvenile, western side, Bottle and Glass Rocks, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], soft sediment, 4 m, R.T. Springthorpe, 21 March 1982, NSW-102.
P33882 PARATYPE, male, off Shoal Bay, Port Stephens, New South Wales, Australia, 32°41'S 152°09'E, Posidonia australis on coarse sand, 2.5 m, P. Gibbs, NSW State Fisheries, 1 September 1976, NSWSF 1360, [published registration number: P33883].

rostrata, Argathona Bruce, 1982a: 16, figs 2-4.
P30993 PARATYPES, 6 specimens, One Tree Island, Capricorn Group, Queensland, Australia, [23°30'S 152°05'E], from sponge in the lagoon, 8 m, L. Thompson, 30 July 1979.

rubida, Dynamenella Baker, 1926: 269, pl. 48 figs 4-7.
P9487 HOLOTYPE, male, Maroubra, New South Wales, Australia, [33°57'S 151°14'E].

rugosa, Neonaesa Harrison & Holdich, 1982b: 422, figs 1-2.
P26004 PARATYPES, 2 specimens, Yonge Reef, Lizard Group, Queensland, Australia, [14°36'S 145°37'E], coral reef rock from back reef, 2 m, P. Hutchings and P. Weate, 19 January 1975, 75 LIZ T.
P26005 PARATYPE, same locality as P26004, 20 January 1975, 75 LIZ V-3.
P26006 [This specimen identified as Cirolanidae; published in error as PARATYPE of N. rugosa].
P26007 PARATYPE, same locality as P26004, 7 January 1975, 75 LIZ A-1.
P26008 PARATYPE, same locality as P26004, 7 January 1975, 75 LIZ A-3.
P26009 PARATYPE, same locality as P26004, 7 January 1975, 75 LIZ B-2.
P26015 PARATYPE, Yonge Reef, Lizard Group, Queensland, Australia, [14°36'S 145°37'E], coral reef rock from outer reef, 20 m, P. Hutchings and P. Weate, 9 November 1975, 75 LIZ F-1.*
P26020 PARATYPE, same locality as P26015, 13 m, 10 January 1975, 75 LIZ H-1.
P26026 PARATYPE, same locality as P26015, 27 m, 12 January 1975, 75 LIZ N-1.
P26030 PARATYPE, same locality as P26004, 3 m, 13 January 1975, 75 LIZ O-3.
P26037 PARATYPES, 2 specimens, same locality as P26004, 75 LIZ T-3.
P26051 PARATYPE, reef off northern point of Coconut Beach, Lizard Island, Queensland, Australia, [14°41'S 145°28'E], coral reef rock, 6 m, P. Hutchings and P. Weate, 17 January 1975, 75 LIZ 8-1.
P26058 PARATYPES, 2 specimens, north-east face, Lizard Island, Queensland, Australia, [14°39'S 145°28'E], coral reef rock, P. Hutchings and P. Weate, 1 January 1975, 75 LIZ 12-2.
P26059 PARATYPE, same locality as P26058, 75 LIZ 13-1.
P26972 PARATYPE, lagoon drop-off, Lizard Island,
Queensland, Australia, [14°42'S 145°28'E], coral reef rocks, 7.7 m, P. Hutchings and P. Weate, 16 January 1976, 76 Liz A-1.

P26973 PARATYPES, 4 specimens, same locality as P26972, 76 Liz A-4.

P26974 PARATYPES, 3 specimens, same locality as P26972, 2 June 1976, 76 Liz A-00031.

P26975 PARATYPE, same locality as P26972, 2 June 1976, 76 Liz A-00032.

P26976 PARATYPE, same locality as P26972, 24 August 1976, 76 Liz A-00063.

P26977 PARATYPE, same locality as P26972, 24 August 1976, 76 Liz A-00064.

P26978 PARATYPES, 2 specimens, same locality as P26972, 24 August 1976, 76 Liz A-00066.

P26979 PARATYPES, 2 specimens, same locality as P26972, 24 August 1976, 76 Liz A-03061.

P26980 PARATYPES, 3 specimens, same locality as P26972, 24 August 1976, 76 Liz A-03063.

P26981 PARATYPES, 5 specimens, same locality as P26972, 24 August 1976, 76 Liz A-03063.

P26982 PARATYPE, same locality as P26972, 6 November 1976, 76 Liz A-06092.

P26983 PARATYPES, 7 specimens, same locality as P26972, 6 November 1976, 76 Liz A-03093.

P26984 PARATYPES, 2 specimens, same locality as P26972, 6 November 1976, 76 Liz A-06092.

P26985 PARATYPE, same locality as P26972, 6 November 1976, 76 Liz A-03093.

P26986 PARATYPE, Chimaman's Head, Lizard Island, Queensland, Australia, [14°40'S 145°27'E], coral reef rocks, 3.7 m, P. Hutchings and P. Weate, 17 January 1976, 76 Liz B-4.

P26987 PARATYPE, same locality as P26986, 27 May 1976, 76 Liz B-00031.

P26988 PARATYPE, same locality as P26986, 27 May 1976, 76 Liz B-00033.

P26989 PARATYPE, same locality as P26986, 25 August 1976, 76 Liz B-00062.

P26990 PARATYPE, same locality as P26986, 25 August 1976, 76 Liz B-03063.

P26991 PARATYPES, 2 specimens, same locality as P26986, 7 November 1976, 76 Liz B-00092.

P26992 PARATYPE, same locality as P26986, 7 November 1976, 76 Liz B-00091.

P26993 PARATYPES, 2 specimens, same locality as P26986, 7 November 1976, 76 Liz B-06091.

P26994 PARATYPES, male, ovigerous female, west side of Palfrey Island, Lizard Group, Queensland, Australia, [14°41'S 145°26'E], coral reef rock, 3.7 m, P. Hutchings and P. Weate, 12 January 1976, 76 Liz 16.

P28827 PARATYPE, off southern point of Mermaid Cove, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], filamentous algae, stone washings and scrapings from crevices, 3-6 m, C. Short and P.C. Terrill, 8 October 1978, LI-25.

P28837 PARATYPE, off North Point, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], red algae and silt from subtidal caves at reef base, 3-6 m, P.C. Terrill, 14 October 1978, LI-51.

P28842 PARATYPE, 1.6 km south-west of Eagle Island, Lizard Group, Queensland, Australia, [14°40'S 145°28'E], mixed algae, mainly reds and some sponges from beneath bommies, 5-9 m, P.C. Terrill, 17 October 1978, LI-62.

rugosa, Waiteolana Baker, 1926: 277, pl. 50 figs 3-6.

G2275 HOLOTYPE, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], mud, 108-99 m, E.R. Waite on HMCS Thetis, 22 March 1898, Station 57.

salvia, Chelanthura Poore & Bardsley, 1990: 116, figs 1b, 6-7.

P40095 PARATYPES, 2 females, Coff's Harbour, New South Wales, Australia, [30°18'S 153°09'E], 5 m, S. Smith, 11 July 1989.

saxicola, Smicrostoma Hale, 1925: 166, fig. 18.

P8206 HOLOTYPE, male, east of Ulladulla, New South Wales, Australia, 35°20'S 150°47'E, burrowing in conglomerate boulder, 135 m, C.W. Mulvey on Trawler Goonambee, May 1924.

P8207 PARATYPE, female, type locality.

P9630 PARATYPE, type locality.

P9591 PARATYPE, East of Bateman's Bay, New South Wales, Australia, 35°47.3'S 150°34'E, in crevice of piece of conglomerate, 146 m, J. Fordar, March 1924, [published latitude: 30°47.5'S].

decio, Paranthura Poore, 1984b: 64, figs 22-23.

P33602 HOLOTYPE, juvenile, off Moona Moona Creek, Jervis Bay, New South Wales, Australia, 35°03'S 150°40'E, algae and sediment, 3 m, J.K. Lowry, 19 June 1982, NSW-115, [published latitude and longitude: 35°00'S 150°45'E].

P32689 PARATYPE, type locality, encrusting sponge, NSW-112.

P32691 PARATYPES, 5 specimens, type locality, Zonaria, small encrusting ascidian, Eklonia bed, NSW-114.

P32692 PARATYPES, 1 male, 7 juveniles, type locality, on mussel Trichomya hirsuta with epizoic algae and sponges on sand covered rocks, 8 m, NSW-113.

P33603 PARATYPE, male, type locality.

serriguberna, Sphaeromopsis Holdich & Harrison, 1981: 290, fig. 2.

P28823 PARATYPES, 28 specimens, off southern end Casuarina Beach, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], beach sand from low water mark, J.K. Lowry and P.C. Terrill, 4 October 1978, LI-10.
**similis, Cirolana** Bruce, 1981a: 668, fig. 14.

P28698 **HOLOTYPE**, male, 28 km east of Malabar, New South Wales, Australia, 33°57′S 151°19′E, dredged, 32 m, Australian Museum Shelf Benthic Survey, 9 August 1973, AMSBS 44, [published longitude and date: 51°19′E, 1973 respectively].

P22883 **PARATYPES**, 15 females, type locality.

**soelae, Anilocra** Bruce, 1987a: 109, figs 18-19.

P36271 **PARATYPE**, ovigerous female, North West Shelf off Port Hedland, Western Australia, 19°44′S 117°54.6′E, 56 m, T. Ward, CSIRO, 20 September 1983, 01-B14-BT.

P36272 **PARATYPE**, ovigerous female, North West Shelf off Port Hedland, Western Australia, 18°56.8′S 118°45.2′E, 86 m, T. Ward, CSIRO, 7 December 1982, 06-B5-TN.

**solitaria, Cirolana** Bruce, 1986a: 189, figs 131-132.

P32381 **HOLOTYPE**, South West Solitary Island, New South Wales, Australia, [30°10′S 153°14′E], clumps of coral and ascidians, 17 m, P. Hutchings and P. Weate, 18 May 1972.

P30349 **PARATYPE**, type locality, small boulders covered by ascidians, 14 m, 17 May 1972.

P30367 **PARATYPES**, 3 specimens, type locality, small boulders covered by ascidians, SCUBA, 17 May 1972.

P30368 **PARATYPES**, 3 specimens, type locality, small boulders covered by ascidians, SCUBA, 17 May 1972.

P30369 **PARATYPES**, 12 specimens, type locality, west side of island.

P30370 **PARATYPES**, 2 specimens, type locality, west side of island.

P30371 **PARATYPES**, 2 specimens, type locality.

P30372 **PARATYPES**, 12 specimens, type locality, 10 m, P. Hutchings, 19 May 1972.

**spatulifrons, Chitonopsis** Whitelegge, 1902: 279, fig. 38a-g.

G2151 **SYNTYPE**, 5.5-4 km off Port Jackson, New South Wales, Australia, [33°52.5′S 151°20′E], fine sand and mud, 71-66 m, E.R. Waite on HMCS Thetis, 7 March 1898, Station 34.

G2152 **SYNTYPE**, 8-9.5 km off Cooge, New South Wales, Australia, [33°57′S 151°21.5′E], fine sand, 90-91 m, E.R. Waite on HMCS Thetis, 15 March 1898, Station 44.

G2153 **SYNTYPE**, 6.5 km off Crookhaven River, New South Wales, Australia, [34°54′S 150°51.5′E], rock, 42 m, E.R. Waite on HMCS Thetis, 19 March 1898, Station 53.

**spinuosus, Revolutus** Lewis, 1992b: 157, figs 1-3.

P39123 **HOLOTYPE**, male, Atherton, Queensland, Australia, 17°16.5′S 145°29′E, beneath exposed tree roots, dry soil, F. Lewis, September 1988.

P39124 **PARATYPES**, 2 females, 2 males, type locality.

**spinulosa, Ciliacea** Haswell, 1881b: 184, pl. 3 fig. 3.

G5356 **POSSIBLE SYNTYPES**, 8 dry specimens, Port Stephens, New South Wales, Australia, [32°40′S 152°11′E], *Old Collection*, [labelled as types (A.R. McCulloch, 1905)].

**squarrosus, Styloniscus** Green, 1961: 281, figs 42-51.

P13528 **HOLOTYPE**, male, Mount Wellington, Tasmania, Australia, [42°54′S 147°14′E], debris under wood, 470-920 m altitude, A.J. Green, between 15 May 1956 and 28 May 1957.

P13529 **PARATYPE**, female, type locality.

**stebbingi, Paraciliacea** Baker, 1926: 263, pl. 43 figs 3-7.

P9486 **SYNTYPES**, 1 male, 1 female, Cairns Reef, Queensland, Australia, [15°28′S 145°15′E], under stones, A.R. McCulloch, [includes unidentifiable holotype].

**stenoura, Cirolana** Bruce, 1986a: 192, figs 133-134.

P32168 **HOLOTYPE**, female, between Research Point and Freshwater Beach, Lizard Island, Queensland, Australia, [14°41′S 145°27′E], clumps of oysters in littoral zone, P. Weate, S. Oldfield and P. Berents, 16 April 1978, 78 LIZ-PBW-3.

P27015 **PARATYPES**, 3 specimens, type locality.

P30351 **PARATYPE**, female, islet at north end of Kranket Island, Madang, New Guinea, [05°14′S 145°45′E], W.F. Ponder and P.H. Colman, 25 May 1970.

**striata, Cleantioides** Poore & Lew Ton, 1990b: 63, figs 3-4.

P38290 **HOLOTYPE**, male, off Port Stephens, New South Wales, Australia, [32°42′S 152°06′E], dredged, 9 m, J. Yaldwyn and D. McMichael, 22-23 July 1963.

**stricta, Idotoeae** Dana, 1853: 704, pl. 46 fig. 7a-b.

P36068 **NEOTYPE**, male, midpoint of Aislings Beach, Twofold Bay, New South Wales, Australia, 37°05′S 149°56′E, benthic sample, 8.5 m, S. Keable and P. Albertson, 22 February 1985, EB6, [designated by Poore & Lew Ton, 1993: 232].

**stylifera, Ciliacea** Whitelegge, 1902: 267, fig. 32a-b.

G2158 **SYNTYPE**, 5.5-6.5 km off Wata Mooli [now...
sulcijrons, Cubaris
sublittorale, Limnoria
subdentatum, Armadillidium
stylephila, Apanthura

P13524 HOLOTYPE, male, Roaring Beach, South Arm, Tasmania, Australia, [43°02'S 147°24'E], moist sandy soil at base of cliff above shore, A.J.A. Green, 8 March 1957.
P13525 PARATYPE, female, type locality.

swainsonia, Haliothasma

P36761 HOLOTYPE, juvenile, south-east of Legges Beach, Twofold Bay, New South Wales, Australia, 37°05'S 149°56'E, pipe dredge, 7.9 m, S. Keable and P. Albertson, 22 February 1985, EB18.
P36056 PARATYPE, female, type locality.
P36057 PARATYPES, 5 females, north-east of Boydtown Beach, Twofold Bay, New South Wales, Australia, 37°05'S 149°56'E, sediment, dredge, 8.2 m, S. Keable and P. Albertson, 20 February 1985, EB15.
P36133 PARATYPES, 2 specimens, type locality, sediment, 4.6 m, EB17.
P36134 PARATYPES, 3 specimens, type locality, sediment, 11.3 m, EB19.
P36135 PARATYPES, 3 specimens, south of Oman Point, Twofold Bay, New South Wales, Australia, 37°05'S 149°56'E, sediment, dredge, 8.2 m, S. Keable and P. Albertson, 20 February 1985, E149.

sylvestris, Styloniscus

P17668 HOLOTYPE, male, beside Shoobridge Track, Mount Wellington, Tasmania, Australia, [42°54'S 147°14'E], debris beside track, 580 m altitude, A.J. Green, 26 June 1957.
P17669 PARATYPE, female, type locality.

sylvae, Margueritta

P41021 HOLOTYPE, male, jetty at Green Island, Rottnest Island, Western Australia, Australia, 32°01'S 115°30'E, coraline algae at base of jetty pilings, 0.5 m, R.T. Springthorpe, 21 December 1983, WA 263.
P37497 PARATYPES, 2 males, 5 females, 3 immature, type locality.

syrtis, Haliothasma

P20442 HOLOTYPE, sub-adult, Middle Banks, off Tangalooma, Moreton Bay, Queensland, Australia, [27°25'S 153°20'E], clean sand, 12.5 m, Moreton Bay Benthic Survey, 9 December 1972.

tamarensis, Cubaris

P13522 HOLOTYPE, male, Swan Point, West Tamar, Tasmania, Australia, [41°20'S 147°02'E], debris under grass tussocks behind river bank, A.J.A. Green, 27 December 1957.
P13523 PARATYPE, female, type locality.

tantabiddyi, Tylos

P39745 PARATYPES, 2 males, 2 females, south of boat ramp, Tantabiddy Beach, north of Cape
Range National Park, Western Australia, [21°55'S 114°00'E], F. Lewis, 17 August 1989.

tarti, Eurydice Bruce, 1986a: 18, figs 7-8.

P32375 PARATYPES, 2 specimens, Port Phillip Bay, Victoria, Australia, 38°07'S 144°42'E, sand, 4 m, Ministry for Conservation, Victoria, 16 November 1971, Port Phillip Bay Benthic Survey, PPBBS 945-5.
P32376 PARATYPE, same locality as P32375, PPBBS 945-4.

tasmanica, Chaetilia Poore, 1986a: 18, figs 7-8.
P32375 PARATYPES, 2 specimens, Port Phillip Bay, Victoria, Australia, 38°07'S 144°42'E, sand, 4 m, Ministry for Conservation, Victoria, 16 November 1971, Port Phillip Bay Benthic Survey, PPBBS 945-5.
P32376 PARATYPE, same locality as P32375, PPBBS 945-4.

tasmaniensis, Cubaris Green, 1961: 341, figs 162-171.
P13520 HOLOTYPE, male, Tinderbox, Tasmania, Australia, [43°04'S 147°20'E], debris on cliff ledge above shore, A.J.A. Green, between 25 March and 19 November 1957.
P13521 PARATYPE, female, type locality.

tasmaniensis, Plymophiloscia Green, 1961: 314, figs 119-124.
P13530 HOLOTYPE, male, Tinderbox, Tasmania, Australia, [43°04'S 147°20'E], in debris on cliff ledge above shore, A.J.A. Green, 25 March 1957.
P13531 PARATYPE, female, type locality.

teloepea, Paranthura Poore, 1984b: 64, figs 24-25.
P33589 PARATYPES, 3 specimens, 13 km west of Lorne, Victoria, Australia, [38°32'S 143°58'E], intertidal tubes of polychecte Galeolaria, W.F. Seed, January 1960, [published registration number: P33580].

templetonia, Haliophasma Poore & Lew Ton, 1988b: 100, figs 13-14.
P36592 HOLOTYPE, Munganno Point, Twofold Bay, New South Wales, Australia, 37°06.2'S 149°55.7'E, subtidal rock platform, 9 m, S. Keable and S. Perry, 19 December 1985, M11, [published latitude and longitude: 37°05.5'S 149°54'E].
P36601 PARATYPE, Munganno Point, Twofold Bay, New South Wales, Australia, 37°06.2'S 149°55.7'E, subtidal rock platform kelp holdfasts, 6 m, S. Keable, A. Paul and L. Walker, 27 March 1985, M7.
P36602 PARATYPE, sub-male, Murrumbulga Point, Twofold Bay, New South Wales, Australia, 37°04.7'S 149°53.1'E, subtidal rock platform, 3 m, S. Keable, A. Paul and L. Walker, 29 March 1985, Q10.
P36762 PARATYPES, 2 mancas, type locality.

tenicaudata, Cilicaea Haswell, 1881a: 475, pl. 17 fig. 2.

G5354 POSSIBLE SYNTYPE, dry specimen, Port Jackson, New South Wales, Australia, [33°50'S 151°16'E], Old Collection, [labelled as type (A.R. McCulloch, 1905)].
P3356 POSSIBLE SYNTYPES, 5 specimens, type locality, Old Collection.

thalme, Natatolana Bruce, 1986a: 113, figs 79-80.
P32382 PARATYPES, 15 specimens, Middle Banks, Moreton Bay, Queensland, Australia, [27°06'S 153°16'E], S. Cook and S. Newlands, December 1973.

thetidis, Austrarcturella Poore & Bardsley, 1992: 895, figs 44-45.
P40770 HOLOTYPE, male, 3-4 km off Botany Bay, New South Wales, Australia, [34°05'S 151°15'E], 92 m, mud, E.R. Waite aboard HMCS Thetis, 11 March 1898, Station 37, [published depth, substrate: 42 m, sand to rock].
P40771 PARATYPE, East of Port Jackson, New South Wales, Australia, 33°52'S 151°23'E, 80 m, R.T. Springthorpe and P. Colman on FRV Kapala, 11 December 1980, K80-20-11, [published depth: 174 m].

thomsoni, Plymophiloscia Green, 1961: 308, figs 101-118.
P13532 HOLOTYPE, male, Mount Wellington, Tasmania, Australia, [42°54'S 147°14'E], in debris under wood and stones, 822-1249 m altitude, A.J.A. Green, between 17 October 1956 and 28 May 1957.
P13533 PARATYPE, female, type locality.

thomsoni, Actaecia Green, 1966: 67.
P15031 HOLOTYPE, male, Pirates' Bay, Eaglehawk Neck, Tasmania, Australia, [43°01'S 147°56'E], on sandy beach in burrows under seaweed, A.J.A. Green, 3 May 1957.
P15032 PARATYPE, female, type locality.

thurar, Natatolana Bruce, 1986a: 97, figs 64-65.
P32171 HOLOTYPE, female, 10 km south-east of
Lakes Entrance, Victoria, Australia, 38°13'S 149°06'E, O.P.G. gear, 149 m, CSIRO Fisheries, 20 June 1962, G2-62-62, [published locality: Eastern Bass Strait, Victoria, 30°35'S 149°06'E].

tristania, Amakusanthura

trispinosa, Cymodocea

triloba, Cirolana

tridentata intermedia, Cerceis

towrae, Pseudolana Bruce, 1983a: 200, fig. 1.

P29803 HOLOTYPE, eastern end Mangrove Beach, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], core sample over goby burrow in sand bottom, 1.5 m, A.R. Jones, 10 October 1978, LI-37.

P29637 PARATYPE, east of Mangrove Beach, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], fine sediment layer on top, shelly underneath, 1.8 m, C. Short and A.R. Jones, 1 October 1978, Station 1.1, 1 mm sample.

P29638 PARATYPE, same locality as P29637, 3.6 m, Station 1.2.

P29642 PARATYPES, 2 specimens, south end of lagoon, 250 m east-south-east of Palfrey Island, Lizard Group, Queensland, Australia, [14°40'S 145°28'E], high mounds of very sticky grey sediment, 12 m, C. Short and A.R. Jones, 9 October 1978, Station 1.4, 1 mm sample.

P29648 PARATYPE, same locality as P29642, Station 1.5, 1 mm sample.

P29661 PARATYPE, between bommies inside lagoon entrance, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], fine sediment, fine mounds, 10.5 m, C. Short and A.R. Jones, 12 October 1978, Station 2.2, 1 mm sample.

P29662 PARATYPE, 200 m south-west of Freshwater Beach, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], 3 m, C. Short and A.R. Jones, 10 October 1978, Station 2.3, 1 mm sample.

P29671 PARATYPE, same data as P29662.

P29697 PARATYPE, 100 m off eastern end of Mangrove Beach, Lizard Group, Queensland, Australia, [14°40'S 145°28'E], undulating sand, filamentous algae present, 3 m, C. Short and A.R. Jones, 11 October 1978, Station B, 1 mm sample.

P29700 PARATYPE, same data as P29697.

P29729 PARATYPE, same data as P29697.

P29738 PARATYPE, off Chinamans Point, Mrs Watsons Bay, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], sandy area, 6 m, C. Short and A.R. Jones, 29 September 1978, Station 2-1, 1 mm samples.

P29741 PARATYPE, same data as P29738.

P29800 PARATYPE, lagoon entrance, between Bird Islet and Trawler Beach, Lizard Group, Queensland, Australia, [14°40'S 145°28'E], fine sand bottom, 15.2 m, J.K. Lowry and P.C. Terrill, 5 October 1978, LI-13.

P29989 PARATYPE, east end of Mangrove Beach, Lizard Island, Queensland, Australia, [14°40'S 145°05'E], organic material from near mangrove roots, 1.8 m, A.R. Jones and C. Short, 11 October 1978, Station 1.1, 1 mm qualitative sample.

P36778 PARATYPES, 3 specimens, same data as P29662.

tuberculata, Cymodocea Haswell, 1881b: 190, pl. 3 fig. 8.

G5347 POSSIBLE SYNTYPE, dry specimen, Port Stephens, New South Wales, Australia, [32°45'S 145°28'E], core sample over goby burrow in sand bottom, 1.5 m, A.R. Jones, 10 October 1978, LI-37.
ulawa, Xenanthura Poore & Lew Ton, 1988d: 189, figs 15-17.

P29685 HOLOTYPE, juvenile, 400 m off Chinamans Ridge, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], low sediment mounds, 12 m, C. Short and A.R. Jones, 13 October 1978, Station 3.2, 1 mm sample, [published type locality: Shark Alley, One Tree Island lagoon, One Tree Island, 1.5 m, coarse sediment, C. Short and J. Young, 17 October 1979, OTI 3.2].

P29653 PARATYPES, 4 specimens, between bommies inside lagoon entrance, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], sediment mounds not high, 18 m, C. Short and A.R. Jones, 9 October 1978, Station 2.1, 1 mm sample, [published data: type locality].

P2964 Paratype, male, same data as P29653, [published data: type locality].

P29655 Paratypes, 2 juveniles, same data as P29653, [published data: type locality].

P29656 Paratypes, 3 specimens, same data as P29653, [published data: type locality].

P29657 Paratypes, 2 specimens, same data as P29653, [published data: type locality].

P29681 Paratype, manca, same data as P29685, 0.5 mm sample, [published data: type locality].

P29682 Paratypes, 3 specimens, same data as P29685, [published data: type locality].

P29684 Paratype, manca, same data as P29685, [published data: type locality].

P29686 Paratypes, 1 specimens, 1 km off Chinamans Ridge, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], seagrasses, crinoids, holothurians and anemones, 21 m, C. Short and A.R. Jones, 13 October 1978, Station 3.3, 0.5 mm sample, [published data: type locality].

P29689 Paratype, juvenile, same data as P29686, [published data: type locality].

P29690 Paratype, male, same data as P29686, [published data: type locality].

P29691 Paratype, manca, same data as P29686, [published data: type locality].

P29994 Paratype, juvenile, same data as P29686, [published data: type locality].

P30061 Paratype, manca, same data as P29686, [published data: type locality].

ulaverstonensis, Plymophiloscia Green, 1961: 319, figs 132-139.

P13536 HOLOTYPE, male, West Ulverstone, Tasmania, Australia, [41°10'S 146°11'E], under stones, in debris inland from beach, A.J.A. Green, 30 May 1956 or 26 January 1958.

P13557 Paratype, female, type locality.

valida, Cirolana Hale, 1940: 290, fig. 2.

E4814 HOLOTYPE, female, east of Flinders Island, Bass Strait, Australia, [40°00'S 148°30'E], 366-549 m, FIS Endeavour, December 1913.

varigubernaa, Cirolana Holdich, Harrison & Bruce, 1981: 566, fig. 5.

P32109 Paratypes, 2 ovigerous females, Halifax Bay, North Queensland, Australia, 18°50'S 146°20'E, muddy sand on clay, 10 m, P. Arnold, Queensland Museum, 8 April 1975, Q40.

P32110 Paratype, female, same locality as P32109, 6 m, 25 March 1976, Q218.

P32111 Paratype, female, same locality as P32109, 1 m, 1 October 1974, Q43.

P32112 Paratype, male, same locality as P32109, mud on muddy sand, 13.2 m, 1 October 1974, Q200.

P32113 Paratype, female, same locality as P32109, mud on sandy mud, 10.8 m, 25 February 1976, Q180.

P32114 Paratypes, 2 specimens, same locality as P32109, muddy sand, 10 m, 25 May 1976, Q148.

vermiformis, Eisothistos Haswell, 1884a: 677, pls 36-37.

G4308 SYNTYPES, 3 specimens, Watson’s Bay, Port Jackson, New South Wales, Australia, [33°51'S 151°16.5'E], W.A. Haswell.

vicaria, Astacilla Hale, 1946: 175, fig. 8.

P8967 SYNTYPES, 8 specimens, off Yarra Bay, Botany Bay, New South Wales, Australia, [33°59'S 151°12'E], weed and sand, dredged, 10 m, F.A.McNeill, 18 October 1927, [published date: 6 October 1927].

vicina, Cymothoa Hale, 1926: 214, fig. 9.

P8590 HOLOTYPE, ovigerous female, Tweed River, New South Wales, Australia, [28°21'S 153°17'E], from a mullet, Mr Franks.

vigilans, Racinela Haswell, 1881a: 472, pl. 16 fig. 2.

P3312 HOLOTYPE, Holborn Island, near Port Denison, Queensland, Australia, [19°44'S 148°22'E], 36.5 m, Old Collection.

viridis, Dynoides Bruce, 1982c: 449, figs 3-4.

P30994 Paratypes, 4 specimens, north-east Heron Island, Capricorn Group, Queensland, Australia, [23°26'S 151°55'E], intertidal boulder zone, reef crest, N.L. Bruce, 17 January 1979, [published as QM P30994 instead of AM P30994].
vitrae, Tridentella Bruce, 1984: 449, figs 1-3.

P33835 HOLOTYPE, off Suva “B” Reef, Suva, Viti Levu, Fiji, [10°13'S 178°27'E], from gill arch, host: lutjanid Pristipomoides flavipinnis, 360 m, University of the South Pacific, 17 September 1980.

vulpia, Accalathura Poore & Lew Ton, 1990a: 395, fig. 13.

P39392 PARATYPE, male, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], B.F. Kensley, January 1982.

wahlenbergia, Amakusathura Poore & Lew Ton, 1988c, 134, figs 27-28.

P29678 HOLOTYPE, 100 m off Chinamans Ridge, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], sandy area, 9 m, C. Short and A.R. Jones, 13 October 1978, Station 3.1, 1 mm sample.

P29652 PARATYPE, south end of lagoon 250 m east-south-east of Palfrey Island, Lizard Group, Queensland, Australia, [14°40'S 145°28'E], high mounds, very sticky grey sediment, 12 m, C. Short and A.R. Jones, 12 October 1978, Station 1.5, 1 mm sample.

P29665 PARATYPE, 200 m south-west of Freshwater Beach, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], 3 m, C. Short and A.R. Jones, 10 October 1978, Station 2.3, 1 mm sample.

P29673 PARATYPES, 2 specimens, type locality, 0.5 mm sample.

P29675 PARATYPES, 2 specimens, type locality.

P29677 PARATYPE, type locality.

P29679 PARATYPE, type locality.

P29680 PARATYPE, 600 m south-west of research point, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], coarse flat sand, small holes and mounds, 9 m, C. Short and A.R. Jones, 13 October 1978, 1 mm sample.

P29683 PARATYPE, 400 m off Chinamans Ridge, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], low mounds, 12 m, C. Short and A.R. Jones, 13 October 1978, Station 3.2, 1 mm sample.

P29694 PARATYPE, sub-male, 100 m off Chinamans Ridge, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], inside cage, 3 m, C. Short and A.R. Jones, 13 October 1978, Station C1.2, 1 mm sample.

waminda, Mothocya Bruce, 1986b: 1101, figs 4-5.

P35232 PARATYPE, non-ovigerous female, Lauderdale, Tasmania, Australia, [42°54'S 147°29'E], host: Atherinosoma presbyteroides.

December 1972.

P35233 PARATYPE, female, Lake Illawarra, New South Wales, Australia, [34°31'S 150°50'E], host: Atherinosoma microstoma, P.F. O’Connor, 1977.

P35234 PARATYPE, female, same data as P35233.

P35235 PARATYPE, female, same data as P35233.

P35236 PARATYPES, 27 specimens, same data as P35233.

wardii, Cymodopsis Baker, 1926: 267, pl. 46 fig. 12, pl. 47 figs 1-2.

P9494 HOLOTYPE, female, 26-29 km north-east of South Head, Port Jackson, New South Wales, Australia, [33°44'S 151°34'E], trawled, 142-146 m, C.E. Mulvey on SS Goonambee, May 1924.

wowine, Natatolana Bruce, 1986a: 23, figs 11-12.

P32377 PARATYPES, 5 specimens, Heron-Wistari Channel, Heron Island, Capricorn Group, Queensland, Australia, [23°26'S 151°55'E], night plankton, D. Fisk, 23 November 1978.

woka, Eurydice Bruce, 1986a: 118, figs 81-82.

P9592 PARATYPES, 2 specimens, off Cape Portland, Tasmania, Australia, [40°45'S 147°56'E], over sand, covering fish baits on lines at night, 9-18 m, W.E.J. Paradise.

P9594 PARATYPES, 18 specimens, from porpoise, [no other data].

P32366 PARATYPES, 2 males, 6 females, manca, Port Phillip Bay, Victoria, Australia, 37°55'S 144°57'E, sand, 10 m, Victorian Fisheries and Wildlife Department, 21 October 1969, Port Phillip Bay Benthic Study, PPBBS 906/4.

P32367 PARATYPES, 2 specimens, Port Phillip Bay, Victoria, Australia, 38°00'S 144°50'E, sand, 18 m, Victorian Fisheries and Wildlife Department, 9 June 1971, Port Phillip Bay Benthic Study, PPBBS 914-3.

P32368 PARATYPE, Crib Point, Western Port, Victoria, Australia, 38°20.9'S 145°13.6'E, fine sand and mud, Smith-McIntyre grab, 15 m, Victorian Fisheries and Wildlife Department, 29 March 1965, Crib Point Benthic Survey, CPBS 31N-1.

P32369 PARATYPES, 3 specimens, Crib Point, Western Port, Victoria, Australia, 38°20.9'S 145°13.6'E, fine sand and mud, Smith-McIntyre grab, 15 m, Victorian Fisheries and Wildlife Department, 29 March 1965, Crib Point Benthic Survey, CPBS 31N-866.

P32370 PARATYPES, 2 specimens, Crib Point, Western Port, Victoria, Australia, 38°22.3'S 145°15.5'E, fine sand, Smith-McIntyre grab, 2 m, Victorian Fisheries and Wildlife Department, 18 March 1965, Crib Point Benthic Survey, CPBS 12S-2.
wullunya, Natatolana Bruce, 1986a: 120, fig. 83.

P30364 HOLOTYPE, female, east of Cape Banks, New South Wales, Australia, 33°58'S 151°29'E, 150 m, CSIRO Fisheries, 18 June 1962, G2-56-62, [published date: 18 November 1962].

wyuna, Eurydice Bruce, 1986a: 27, figs 13-14.

P32378 PARATYPE, 10 specimens, Heron-Wistari Channel, Heron Island, Queensland, Australia, [23°26'S 151°55'E], night plankton, D. Fisk, 1979.

xanthorrhoea, Apanthura Poore & Lew Ton, 1985a: 132, figs 23-24.

P22810 PARATYPE, east of North Head, New South Wales, Australia, 33°49'S 151°18'E, 28.9 m, Australian Museum Shelf Benthic Survey, 26 May 1972.

P24352 PARATYPE, same locality as P22810, 32.9 m, 23 May 1972.

P29808 PARATYPES, 2 specimens, reef front, south of North Passage, Lord Howe Island, Australia, 31°31'S 159°04'E, eel grass, 3 m, J.K. Lowry, 11 May 1977, LHA-18.

P33585 PARATYPE, off Moona Moona Creek, Jervis Bay, New South Wales, Australia, 35°03'S 150°40'E, algae and sediment, 3 m, J.K. Lowry, 19 June 1982, NSW-115.

zeewykae, Apanthura Kensley & Poore, 1982: 625, figs 1-2.

P32392 HOLOTYPE, female, Rat Island, Houtman Abrolhos, Western Australia, [28°44'4"S 113°48'8"E], coral rubble, reef crest, 1.3 m, P. Hutchings, 24 August 1981.

P32393 PARATYPE, 5 juveniles, type locality.

TANAIDACEA

australis, Apseudes Haswell, 1881b: 193, pl. 4 fig. 2.

P3319 POSSIBLE SYNTYPE, male, Broughton Island, Port Stephens, New South Wales, Australia, [32°36'S 152°19'E], 46 m, Old Collection, [Sieg, 1983: 154, states: "Holotypus - ist nichts bekannt"].

cæruleus, Apseudes Boesch, 1973: 168, figs 1-3.

P18691 HOLOTYPE, male, Dunwich, North Stradbroke Island, Moreton Bay, Queensland, Australia, [27°30'S 153°24'E], intertidal Zostera bed, D.F. Boesch, December, 1971.

P18743 PARATYPE, female, type locality.

estuarius, Apseudes Boesch, 1973: 174, figs 4-6.

P18694 HOLOTYPE, male, Yeongong, Brisbane River, Queensland, Australia, [27°14'S 152°30'E], D.F. Boesch, September, 1971.

P18744 PARATYPE, female, type locality.

linearis, Paratanais Haswell, 1885b: 1008, pl. 50 figs 9-16.

P3373 POSSIBLE SYNTYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection.

multicarinatus, Apseudes Whitelegge, 1901a: 204, fig. 15a-g.

P2242 SYNTYPES, 52 specimens, 5.5-6.5 km, off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], mud, 108-99 m, E.R. Waite on HMCS Thetis, 22 March 1898, Station 57.

obtusifrons, Apseudes Haswell, 1882b: 748, pl. 6 figs 1-8.

P3322 POSSIBLE SYNTYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection.

spinipes, Pagurapseudes Whitelegge, 1901a: 210, fig. 16a-h.

P2404 SYNTYPES, 50 specimens, 3.4 km off Botany Bay, New South Wales, Australia, [34°05'S 151°15'E], mud, 91-95 m, E.R. Waite on HMCS Thetis, 11 March 1898, Station 37.

P2405 SYNTYPES, 18 specimens, 9-12 km off Cape Three Points, New South Wales, Australia, [33°32'S 151°32.5'E], sticky mud and shell, 75-91 m, E.R. Waite on HMCS Thetis, 25 February 1898, Station 13. 2.3 km off Port Hacking, New South Wales, [34°03.5'S 151°12.5'E], 40-69 m, sandy, E.R. Waite on HMCS Thetis, 10 March 1898, Station 35.

P2406 SYNTYPES, 7 specimens, 5-4.5 km off Jibbon Point, New South Wales, Australia, [34°07.5'S 151°12'E], sand, mud, 84-101 m, E.R. Waite on HMCS Thetis, 12 March 1898, Station 38. 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, 34°10'S 151°11'E, 108-99 m, mud, E.R. Waite on HMCS Thetis, 22 March 1898, Station 57.

stephsoni, Whiteleggia Boesch, 1973: 181, figs 7-9.

P18698 HOLOTYPE, male, off Southwest Rocks, Peel Island, Moreton Bay, Queensland, Australia, [27°30'S 153°21'E], W. Stephenson and S. Cook, September 1970.

P18745 PARATYPE, female, type locality.
CUMACEA

aspera, Cyclaspis Hale, 1944a: 125, figs 45-46.

G2224 PARATYPES, many specimens, 9-12 km off Cape Three Points, New South Wales, Australia, 33°32'S 151°32.5'E, 75-91 m, sticky mud and shell, E.R. Waite on HMCS Thetis, 25 February 1898, Station 13.

G2233 PARATYPES, many specimens, 5-4.5 km off Jibbon Point, New South Wales, Australia, [34°07.5'S 151°12'E], 84-101 m, sand to mud, E.R. Waite on HMCS Thetis, 12 March 1898, Station 38.

G2235 PARATYPES, 2 specimens, 3-4 km off Botany Bay, New South Wales, Australia, [34°05'S 151°15'E], 91-95 m, mud, E.R. Waite on HMCS Thetis, 11 March 1898, Station 37.

clarki, Cyclaspis Hale, 1944a: 101, figs 27-28.

G2228 PARATYPES, 2 specimens, 9-12 km off Cape Three Points, New South Wales, Australia, [33°32'S 151°32.5'E], 75-91 m, sticky mud and shell, E.R. Waite on HMCS Thetis, 25 February 1898, Station 13.

G2232 PARATYPE, 5-4.5 km off Jibbon Point, New South Wales, Australia, [34°07.5'S 151°12'E], sand, mud, 84-101 m, E.R. Waite aboard HMCS Thetis, 12 March 1898, Station 38, [published registration number: C2235].

dentata, Glyphocuma Hale, 1944b: 273, figs 33-34.

G2226 PARATYPES, 4 specimens, 9-12 km off Cape Three Points, New South Wales, Australia, [33°32'S 151°32.5'E], 75-91 m, sticky mud and shell, E.R. Waite on HMCS Thetis, 25 February 1898, Station 13, [published depth: 46-58 m].

G2231 PARATYPE, 5-4.5 km off Jibbon Point, New South Wales, Australia, [34°07.5'S 151°12'E], 84-101 m, sand to mud, E.R. Waite on HMCS Thetis, 12 March 1898, Station 38.

inaequalis, Glyphocuma Hale, 1944b: 276, figs 35-36.

G2234 PARATYPES, 1 male, 1 female, 5-4.5 km off Jibbon Point, New South Wales, Australia, [34°07.5'S 151°12'E], 84-101 m, sand to mud, E.R. Waite on HMCS Thetis, 12 March 1898, Station 38, [published depth: 4.5-5 m].

margarita, Gynodiastylis Hale, 1946b: 409, figs 37-38.

G2230 PARATYPES, 10 specimens, 9-12 km off Cape Three Points, New South Wales, Australia, [33°22'S 151°32.5'E], 75-91 m, sticky mud and shell, E.R. Waite on HMCS Thetis, 25 February 1898, Station 13.

mawsoni, Diaystylis Calman, 1918: 6, pl. 19.

P4848 SYNTYPE, Adelie Land, Antarctica, [66°55'S 145°21'E], 524 m, Mawson Expedition, 28 December 1913, Station 2.

similis, Eudorella Calman, 1907: 3, figs 1-6.

P3199 SYNTYPE, Winter Quarters Bay, Antarctica, [77°51'S 166°39'E], British Museum Discovery Expedition, 1901-1904.

sordida, Procampylaspis Hale, 1945a: 215, fig. 49.

G2229 PARATYPES, 2 specimens, 9-12 km off Cape Three Points, New South Wales, Australia, [33°22'S 151°32.5'E], 75-91 m, sticky mud and shell, E.R. Waite on HMCS Thetis, 25 February 1898, Station 13.

vverucosa antarctica, Campylaspis Calman, 1907: 5, fig. 4, pl. 1 figs 14-16.

P3193 SYNTYPE, Winter Quarters Bay, Antarctica, [77°51'S 166°39'E], British Museum Discovery Expedition, 1901-1904.

EUPHAUSIACEA

crystallorophias, Euphausia Holt & Tattersall, 1906: 3.

P3183 SYNTYPES, 13 specimens, Winter Quarters, Antarctica, British Museum Discovery Expedition, 1901-1904, [Holt & Tattersall, 1906: 3, examined "several thousand specimens taken through holes cut in the ice"].

DECAPODA: PENAEIDEA

arafurica, Parapenaeopsis Racek & Dall, 1965: 102, fig. 16, pl. 8 figs 6-7, 13 fig. 5.

P14794 HOLOTYPE, male, off Fly River mouth, Gulf of Papua, Papua New Guinea, mud, A.M. Rapsen, 25 April 1955.

P14795 PARATYPE, female, type locality.

P14796 PARATYPES, 3 specimens, type locality.

armatus, Aristaeus Bate, 1881: 188.

P3159 SYNTYPE, near Torres Strait, Queensland,
Australia, 12°08’S 145°10’E, Globigerina ooze, trawled, 2560 m, HMS Challenger Expedition, 29 August 1874, Station 184, [donated by the British Museum (Natural History)].

_australiana_, Solenocera Perez Farfante & Grey, 1980: 422, figs 1-7.

P30979 PARATYPES, 9 specimens, west Van Diemen Gulf, Northern Territory, Australia, 12°06’S 131°45’E, 24 m, FV Sandra-K, Northern Territory Fisheries, 5 May 1977, SK 4.4, [published latitude and longitude: 12°00’S 131°35’E].

_australiensis_, Parapenaeus Dall, 1957: 179, fig. 15a-f.

P12329 HOLOTYPE, male, off Newcastle, New South Wales, Australia, [32°56’S 151°46’E], trawled, A. D’Oombrain, December 1953.

P4445 PARATYPE, off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°08’S 151°07’E], 124 m, State Trawling Department, 7 February 1919.

P12328 PARATYPE, female, type locality.

_australis_, Acetes Colefax, 1940: 345, figs 1-19.

P15075 SYNTYPES, 149 males, Folly Point, Middle Harbour, Port Jackson, New South Wales, Australia, [33°45’S 151°11’E], F. Conolly, 19 June 1923, [labelled by collector as “prawn fry”; published collection date: 1922].

P15076 SYNTYPES, 104 females, same data as P15075.

_bennettiae_, Metapenaeus Racek & Dall, 1965: 74.

P14645 HOLOTYPE, male, Lake Budgewoi, New South Wales, Australia, [33°14’S 151°34’E], Miss I. Bennett, collected between 1945 and 1947.

P940 PARATYPES, 2 specimens, Port Jackson, New South Wales, Australia, [33°51’S 151°16’E], Woooloomooloo fish markets, [published registration number: P440].

P941 PARATYPE, same data as P940, [published registration number: P441].

P942 PARATYPE, same data as P940, [published registration number: P442].

P943 PARATYPE, same data as P940, [published registration number: P443].

P944 PARATYPES, 13 specimens, same data as P940, [published registration number: P444].

P12525 PARATYPES, 99 specimens, Tuggerah Lakes, New South Wales, Australia, [33°18’S 151°30’E], M. Morris and I. Bennett.

P14644 PARATYPE, female, type locality.

_bicornis_, Atypopenaeus Racek & Dall, 1965: 85, fig. 14, pl. 7 figs 5-6, pl. 12 fig. 6.

P14418 HOLOTYPE, male, off Fly River mouth, Papua New Guinea, A.M. Rapson, 6 April 1955.

P14419 PARATYPE, female, type locality.

P14420 PARATYPES, 2 females, type locality.

P14421 PARATYPE, female, type locality.

P14422 PARATYPE, male, Yule Island, Papua New Guinea, [08°50’S 146°30’E], L.W. Filewood, October 1962.

_caesius_, Penaeeus Dall, 1957: 143, fig. 2a-g.

P12703 HOLOTYPE, male, 20 km north-north-west of Bowen, Queensland, Australia, [20°01’S 148°15’E], 40 m, FIS Endeavour, [re-registered from E3157].

P5703 PARATYPE, Lord Howe Island, Australia, [31°33’S 159°05’E], A.R. McCulloch and E. Troughton.

P12702 PARATYPES, 2 females, Lugger Cove, Cygnet Bay, Western Australia, [16°28’S 123°02’E], W. Dall.

_conjunctus_, Metapenaeus Racek & Dall, 1965: 64, fig. 12, pl. 5 figs 8-9, pl. 11 fig. 1.

P14378 HOLOTYPE, male, mouth of Tuaran River, North Borneo, brackish water, 7.31-9.1 m, Chin Phui Kong, 18 December 1959.

P14379 PARATYPE, female, type locality.

_crasissima_, Metapenaeopsis Racek & Dall, 1965: 26, fig. 2c, pl. 2 fig. 1, pl. 4 figs 5-6, pl. 9 fig. 3.

P14333 HOLOTYPE, male, Shark Bay, Western Australia, [25°30’S 113°20’E], mud, 16.5 m, Western Australian Prawn Survey, MV Lancelin, 13 October 1958.

P12779 PARATYPE, between Cape Bosswitt and Broome, Western Australia, [17°58’S 122°14’E], dredged, 9 m, A.A. Livingstone, 11 September 1919.

P12781 PARATYPE, near entrance Roebuck Bay, Broome, Western Australia, [18°06’S 122°20’E], dredged, 12 m, A.A. Livingstone, 26 September 1929.

P14219 PARATYPES, 4 specimens, Shark Bay, Western Australia, [25°15’S 113°00’E], fine sand and shell, 16.5 m, Western Australian Prawn Survey, MV Lancelin, 13 November 1958, block 29, haul 156.

P14220 PARATYPES, 4 specimens, same locality as P14219, sand, shell and silt 13 m, 6 August 1958, block 28, haul 111.

P14221 PARATYPES, 3 specimens, same locality as P14219, mud, 7 m, 4 June 1958, blocks 63 and 55, haul 9.

P14223 PARATYPES, several, same locality as P14219, D. Gates on MV Lancelin, October 1958.

P14224 PARATYPES, 4 specimens, same locality as P14219, mud, 16.5 m, D. Gates, Western Australian Prawn Survey, October 1962.

P14228 PARATYPES, 4 specimens, same locality as
endeavouri, Penaeopsis Kensley, Tranter & Griffin, 1987: 265, figs 1-2, 5g-l.

P35893 HOLOTYPE, male, north-east of Point Danger, Queensland, Australia, 27°55-57'S 154°03'E, demersal prawn trawl, 629 m, FRV Kapala, 6 November 1978, K78-23-09.

P35894 PARATYPES, 11 specimens, east of Broken Bay, New South Wales, Australia, 33°43-39'S 151°54-55'E, demersal prawn trawl, 477 m, FRV Kapala, 27 October 1983, K83-14-07, [published number of specimens: 9].

P21588 PARATYPE, north-east of Port Jackson, New South Wales, Australia, 33°43'S 151°49'E, 411 m, FRV Kapala, 28 September 1978, K78-17-10.

P21699 PARATYPE, male, north-east of Sugarloaf Point, New South Wales, Australia, 32°19'19"S 152°57'E, demersal prawn trawl, 470 m, FRV Kapala, 2 October 1975, K75-08-03.

crosnieri, Cryptopenaeus Perez Farfante & Kensley, 1985: 281, figs 1-2.

P32481 HOLOTYPE, female, north-east of North Solitary Island, New South Wales, Australia, 29°47-49'S 153°41-40'E, trawled, 234 m, FRV Kapala, 19 April 1978, K78-05-07.

dalli, Metapenaeus Racek, 1957: 4, pl. 1 figs 1-3, pl. 2 figs 1-2, pl. 3 fig. 3.

P12898 HOLOTYPE, male, Peel Inlet, Murray River, Western Australia, [32°36'S 115°43'E], W. Dall, 12 January 1956.

P12899 PARATYPE, female, type locality.
P12900 PARATYPES, 1 male, 1 female, type locality.

eboracensis, Metapenaeus Dall, 1957: 193, fig. 19a-g.

P12699 HOLOTYPE, male, Norman River mouth, Gulf of Carpentaria, Queensland, Australia, [18°38'S 141°19'E], mud, 3 m, T.C. Marshall, August 1953.

P4293 PARATYPE, female, Cairns, Queensland, Australia, [16°55'S 145°46'E], mud flat, A.R. McCulloch.
P11663 PARATYPE, female, Main Beach, Townsville, Queensland, Australia, [19°16'S 146°49'E], G. Coates, 25 August 1945.
P39907 PARATYPE, female, type locality, [registered from P12699].

endeavouri, Penaeopsis Schmitt, 1926: 329, pl. 59 figs 1-3, pl. 68 fig. 4.

E3199 HOLOTYPE, southern Queensland, Australia, FIS Endeavour Expedition, 1909-1914.

esculentus, Penaeus Haswell, 1879b: 38.

P40460 SYNTYPES, 2 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], [on permanent loan from the Macleay Museum, University of Sydney].
P40461 SYNTYPE, type locality, [on permanent loan from the Macleay Museum, University of Sydney].
P40875 POSSIBLE SYNTYPE, dry specimen, type locality, [previously unregistered specimen with Haswell's 1882 catalogue number attached; possibly from the Old Collection].

formosus, Atypopenaeus Dall, 1957: 199, fig. 21a-h.

P12700 HOLOTYPE, male, 5 km east of Sandgate, Moreton Bay, Queensland, Australia, [27°20'S 153°04'E], sandy mud, 5 m, W. Dall, 28 December 1951.
P12701 PARATYPES, 5 specimens, type locality.
P39906 PARATYPE, female, type locality, [registered from P12700].

fulvus, Trachypenaeus Dall, 1957: 206, fig. 23a-g.

P12773 HOLOTYPE, male, Townsville, Queensland, Australia, [19°16'S 146°49'E], trawled, 37 m, R.K. Bryson, August 1953.
P12772 PARATYPES, 15 specimens, 5 km east of Sandgate, Moreton Bay, Queensland, Australia, [27°20'S 153°04'E], 5 m, W. Dall, 28 December 1951.
P12774 PARATYPES, 3 males, 1 female, type locality.
P39908 PARATYPE, female, type locality, [registered from P12773].

gonospinifer, Trachypenaeus Racek & Dall, 1965: 89, fig. 15; pl. 7 figs 7-8, pl. 12 fig. 7.

P14654 HOLOTYPE, female, south of Port Romilly, New Guinea, [07°55'S 144°48'E], 12.8 m, A.M. Rapson, 6 April 1955.
P14655 PARATYPE, male, Chambers Bay, Northern Territory, Australia, [12°12.1'S 131°31'E], grey mud, 16.5 m, V. Wells, 7 November 1959.
P14656 PARATYPES, 3 males, 1 female, same data as P14655.
P14657 PARATYPES, 2 females, south of Fly River Estuary, off Kiwai Island, Papua New Guinea, A. M. Rapson, 26 April 1955.
P14658 PARATYPE, female, Fly River mouth, Papua New Guinea, A. M. Rapson, 6 April 1955.

granulosus, Penaeus Haswell, 1879b: 41.

P40464 LECTOTYPE, female, Darnley Island, Torres
in solitus, *Metapenaeus* Racek & Dall, 1965: 69, fig. 13a-c, pl. 6 figs 3-4, pl. 11 fig. 4.

P14398 **HOLOTYPE**, female, Chambers Bay, Northern Territory, Australia, [12°13'S 131°35'E], mud and coral, 31 m, V. Wells, 24 June 1961.

P14349 **PARATYPE**, male, 80 km west-north-west of Darwin, Northern Territory, Australia, [12°08'S 130°12'E], sand bottom, 32.9 m, V. Wells, 5 October 1961.

P14399 **PARATYPE**, male, type locality.

P14400 **PARATYPES**, 9 specimens, type locality.

P14717 **PARATYPES**, 9 specimens, off Norman River, Gulf of Carpentaria, Queensland, Australia, [16°22'S 138°44'E], 5.5-13 m, A.A. Racek on MV *Rama*, CSIRO Gulf of Carpentaria Prawn Survey, October 1963.

P14718 **PARATYPES**, 4 specimens, off Karumba, Gulf of Carpentaria, Queensland, Australia, [17°29'S 140°50'E], A.A. Racek, CSIRO Gulf of Carpentaria Prawn Survey, November 1963.

P14818 **PARATYPES**, 25 specimens, inshore waters, southern Gulf of Carpentaria, Queensland, Australia, [17°00'S 140°00'E], CSIRO Gulf of Carpentaria Prawn Survey, 1964.

in sona, *Metapeneaeopsis* Racek & Dall, 1965: 41, fig. 6a-b, pl. 2 fig. 3, pl. 10 fig. 2.

P14363 **HOLOTYPE**, female, 11 km off Long Reef, New South Wales, Australia, [33°45'S 151°27'E], mud, 73.2 m, A.A. Racek, 3 June 1955.

P14364 **PARATYPE**, male, off Broken Bay, New South Wales, Australia, [33°34'S 151°18'E], mud, 55-64 m, A.A. Racek on MV *Challenge*, 1 July 1959.

maccullochi, *Penaeus* Schmitt, 1926: 370, pl. 66 figs 1-3.

E6619 **HOLOTYPE**, male, 21 km north-east of North Reef, Queensland, Australia, [23°01'S 152°03'E], 128-135 m, FIS *Endeavour* Expedition, 12 July 1910.

macleayi, *Penaeus* Haswell, 1879b: 40.

P40462 **SYNTYPES**, 2 females, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], [on permanent loan from the Macleay Museum, University of Sydney].
sibogae australiensis, Haliporoides Kensley, Tranter & Griffin, 1987: 269, figs 3-4, 5a-f.

P34381 HOLOTYPE, male, east of Broken Bay, New South Wales, Australia, 33°43-39'S 151°54-55'E, demersal prawn trawl, 430-540 m, K.J. Graham on FRV Kapala, 27 October 1983, K83-14-07.
P19149 PARATYPE, female, south-east of Broken Bay, New South Wales, Australia, 33°43-40'S 151°55-57'E, demersal prawn trawl, FRV Kapala, 7 December 1972, K72-07-16.
P21050 PARATYPE, female, north-east of Wollongong, New South Wales, Australia, 34°16-22'S 151°26-23'E, 366 m, FRV Kapala, 8 August 1975, K75-05-01.
P30798 PARATYPES, 3 specimens, 32 km east of Greenwell Point, New South Wales, Australia, [34°55'S 151°08'E], trawled, 400 m, A. Bell, 16 July 1980, [published number of specimens: 1].
P33023 PARATYPE, north-east of Port Jackson, New South Wales, Australia, 33°46-44'S 151°49-51'E, demersal prawn trawl, 425 m, FRV Kapala 16 December 1980, K80-21-04.
P35891 PARATYPES, 9 specimens, type locality.
sinuosus, Metapeneaepsis Dall, 1957: 176, fig. 14a-f.
P12223 HOLOTYPE, male, off Shore Island, Kennedy Sound, Cumberland Group, Queensland, Australia, [29°27'S 149°02'E], trawled at night, 18 m, G.P. Whitley, 5 September 1935.
P33990 PARATYPE, female, type locality, [re-registered from P12223].
suluensis, Metapeneaepsis, Racek & Dall, 1965: 61, fig. 11a-b, pl. 5 figs 6-7, pl. 10 fig. 8.
P14375 HOLOTYPE, male, Sulu Sea, Philippines, mud, 36.6 m, K. Hill, July 1959.
P14376 PARATYPE, female, type locality.
P14377 PARATYPE, male, type locality.
tarawensis, Metapeneaepsis Racek & Dall, 1965: 46, fig. 9a-d.
P14245 HOLOTYPE, female, Tarawa Group, Gilbert Islands, [01°30'N 173°00'E], A.R. Catala, November 1951.
P14246 PARATYPE, male, type locality.
P14247 PARATYPE, female, type locality.
wellsi, Metapeneaepsis Racek, 1967: 251, pl. 12, pl. 13 figs 1-3.
P15518 HOLOTYPE, female, Exmouth Gulf, Western Australia, mud, 12-18 m, V. Wells, 9 August 1967.
P15519 PARATYPE, male, type locality.
P15520 PARATYPE, female, type locality.

DECAPODA: STENOPODIDAE

chrysexanthus, Stenopus Goy, 1992: 80, figs 1-4.
P26831 PARATYPE, female, west side of Wheeler Reef, north-east of Townsville, Queensland, Australia, [19°00'S 147°30'E], under fallen plate coral, 18 m, I. Loch, 11 December 1977.
cyanoscelis, Stenopus Goy, 1984: 116, pl. 17.
P25263 HOLOTYPE, male, Broadhurst Reef, off Townsville, Queensland, Australia, [19°14'S 147°42'E], under branching coral on sandy bottom, 9-12 m, D. Young, 1975, [published registration number: P25267].
P41001 PARATYPE, female, type locality, [re-registered from P25263].

DECAPODA: CARIDEA

adscitum adscitum, Macrobrachium Rick, 1951a: 363, fig. 3.
P3095 HOLOTYPE, male, Accommodation Creek, near Balandeane, Queensland, Australia, [28°48'S 151°50'E], W. Gawith, [1912].
P39623 PARATYPE, female, type locality, [re-registered from P3095].
P39624 PARATYPES, 41 specimens, type locality, [re-registered from P3095].
ancepta, Epipontonia Bruce, 1983a: 19; figs 1-10.
P31485 HOLOTYPE, Heron Island, Queensland, Australia, [23°28'S 151°59.2'E], from sponge, Dysidea sp., 18 m, L. Owens and L. Thompson, 17 August 1979, AJB 3010.
anomalae, Onycocaris Bruce, 1979a: 69, figs 1-4.
P24994 HOLOTYPE, between North and South Shell Islands, Port Darwin, Northern Territory, Australia, [12°29'S 130°54'E], dredged among dead coral and sponge, 5-13 m, A.A. Livingstone, 15 July 1929.
P24993 PARATYPE, ovigerous female, type locality.
P28112 PARATYPE, ovigerous female, type locality, [re-registered from P24994].
antarctica, Acanthephyra Bage, 1938: 6, pl. 4, figs 1, 1a-b.
P11306 SYNTAX, Commonwealth Bay, Antarctica,
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[66°54'S 142°40'E], 1463 m, Australian Antarctic Expedition, 14 January 1914, Station 6.
P11307 SYNTYPE, type locality.
P11310 SYNTYPES, 8 specimens, type locality.
P11311 SYNTYPES, 8 specimens, type locality.
P11312 SYNTYPES, 14 specimens, type locality.

ardea, Potentia Bruce, 1981: 113, figs 1-8.
P29542 HOLOTYPE, female, Wistari Reef, Heron Island, Queensland, Australia, [23°29'S 151°53'E], in bivalve, Chama pacifica Broderip, 1835, 18-21 m, L. Owens and L. Thompson, 3 May 1979, Station 78, AIB 2886.
P29543 PARATYPE, male, type locality.

atacta, Paratya Riek, 1953b: 114, fig. 3.
P13279 HOLOTYPE, ovigerous female, Binna Burra, Lamington National Park, Queensland, Australia, [28°12'S 153°05'E], E.F. Riek, 14 September 1945, [published type locality: Upper Nerang River, South Queensland, 20 August 1943, E.F. Riek. Original pencil label states: “Binna Burra (Lower Bellingen) 14 Sep-45”. "Paratya”].
P39648 PARATYPES, 34 specimens, type locality, [re-registered from P13279].

atacta adynata, Paratya Riek, 1953b: 115, fig. 4.
P13283 HOLOTYPE, ovigerous female, upper reaches of Middle Harbour, Port Jackson, New South Wales, Australia, [33°45'S 151°11'E], small creek, E.F. Riek, 17 December 1944.
P39660 PARATYPES, 4 specimens, type locality, [re-registered from P13283].

atactum atactum, Macrobrachium Riek, 1951a: 364, fig. 5.
P12007 HOLOTYPE, male, Conondale, Mary River, Queensland, Australia, [26°23'S 152°45'E], E.F. Riek, 25 April 1943.
P12008 PARATYPE, female, type locality.
P12009 PARATYPES, 710 specimens, type locality, [these specimens are in poor condition, it is not possible to determine the actual number of specimens].

atactum ischnomorphum, Macrobrachium Riek, 1951a: 364, fig. 6.
P11995 HOLOTYPE, male, Elimbah Creek, Elimbah, Queensland, Australia, [27°00'S 153°00'E], E.F. Riek, 23 April 1943.
P11996 PARATYPE, female, type locality.
P11997 PARATYPES, 9 specimens, type locality.

atactum sobrinum, Macrobrachium Riek, 1951a: 364, fig. 7.
P11998 HOLOTYPE, male, Muttaburra, Queensland, Australia, [22°36'S 144°32'E], E.F. Riek, 27 May 1945.
P12000 PARATYPES, 67 specimens, type locality.
australiente crassum, Macrobrachium Riek, 1951a: 366, fig. 9.
P12004 HOLOTYPE, male, Pallal, Horton River, Bingara, New South Wales, Australia, [29°56'S 150°24'E], A.R. McCulloch.
P12005 PARATYPE, female, type locality.
P12006 PARATYPES, many, type locality.
australiente cristatum, Macrobrachium Riek, 1951a: 366, fig. 11.
P12010 HOLOTYPE, male, Cairns, Queensland, Australia, [16°55'S 145°46'E], Mr. Wassell, 30 January 1946.
P12011 PARATYPE, female, type locality.
P12012 PARATYPES, 2 specimens, type locality.
australiensis cristatum, Macrobrachium Riek, 1951a: 365, fig. 8.
P12001 HOLOTYPE, male, Burdekin River, Macrossan, Queensland, Australia, [20°15'S 150°45'E], E.F. Riek, October 1943.
P12002 PARATYPE, female, type locality.
P12003 PARATYPES, many, type locality.
australiensis eupharum, Macrobrachium Riek, 1951a: 365, fig. 79.
P6352 HOLOTYPE, male, Caloundra, Queensland, Australia, [26°48'S 153°08'E], A.A. Livingstone, 13 August 1922.
P10980 PARATYPE, Shelley Beach, Clarence River mouth, Yamba, New South Wales, Australia, [29°26'S 153°22'E], A.A. Cameron, May 1938.
P27201 PARATYPE, Minnie Waters, Grafton, New South Wales, Australia, [29°47'S 153°18'E], intertidal rock platform G. Biddle, 1967, AM-349.
P27202 PARATYPE, same locality as P27201, from tidal pools, J.C. Yaldwyn, 3 November 1963, AM-150.
P27203 PARATYPES, 3 specimens, same locality as P27201, from tidal pools, J.C. Yaldwyn, 3 November 1963, AM-150.
P27204 PARATYPES, 2 specimens, same locality as P27201, from tidal pools, J.C. Yaldwyn, 12 May 1964, AM-406.
P27205 PARATYPE, Long Reef, Collaroy, New South Wales, Australia, [33°45'S 151°19'E], intertidal platform, E. Pope, 12 March 1964, AM-46.
australis, Athanopsis
australis dendricauda, Anchistus
australis typica, Anchistus
australiensis, Paratya
australiensis arrostra, Paratya
australis, Betaeus
australis, Rhynchocinetes
australis, Typton
australis dendricauda, Anchistus
australiensis, Paratya
australis, Typton
australis, Alphaeus
australis dendricauda, Anchistus
australis, Athanopsis
australis, Betaeus
australis, Rhynchocinetes
australis, Typton
australis, Alphaeus
australis dendricauda, Anchistus
australis, Athanopsis
australis, Betaeus
australis, Rhynchocinetes
australis, Typton
australis, Alphaeus
australis, Athanopsis
australis, Betaeus
australis, Rhynchocinetes
australis, Typton
australis, Alphaeus
australis, Athanopsis
australis, Betaeus
australis, Rhynchocinetes
australis, Typton
australis, Alphaeus
australis, Athanopsis
australis, Betaeus
australis, Rhynchocinetes
australis, Typton
australis, Alphaeus
bouvieri ngoinsis, *Paratya Roux*, 1926b: 190, figs 6-8.

P7877 SYNTYPES, 2 specimens, Ngoi Fluss, New Caledonia, 200 m altitude, F. Sarasin and J. Roux, 17 September 1911.

**brownae, Discias** Kensley, 1983: 8, figs 6-9.

P33772 HOLOTYPE, male, Green Point, Port Jackson, New South Wales, Australia, 33°50'S 151°19'E, sponge, 10 m, R. Kuiter, 24 June 1978.

P24444 PARATYPES, 1 male, 1 female, east of North Head, Port Jackson, New South Wales, Australia, 33°49'S 151°18'E, SCUBA, sponge host: *Teichonella labrinthica* Ridley, 20 m, Australian Museum Shelf Benthic Survey, 19 February 1973, SBS 02101300507.

P24447 PARATYPES, 1 male, 1 female, same data as P24444, SBS 02101300501.

P24448 PARATYPE, male, same data as P24444, SBS 02101300504.

P24449 PARATYPES, 2 specimens, same locality as P24444, sponge host: *Polymastia cratica*, 19.8 m, SBS 02101300509.

P24450 PARATYPE, male, same data as P24444, SBS 02101300510.

P24451 PARATYPES, 2 females, same locality as P24444, SBS 02091300305.

P24452 PARATYPES, 4 specimens, east of North Head, Port Jackson, New South Wales, Australia, 33°49'S 151°18'E, 33 m, Australian Museum Shelf Benthic Survey, 23 May 1973.

P24453 PARATYPE, male, same data as P24444, SBS 02101300509.

P24454 PARATYPE, female, same data as P24452.

P24455 PARATYPE, female, Long Reef, New South Wales, Australia, 33°44'S 151°19'E, 32 m, Australian Museum Shelf Benthic Survey, 28 May 1972, SBS 106.

P33773 PARATYPE, ovigerous female, east of North Head, Port Jackson, New South Wales, Australia, 33°49'S 151°18'E, 33 m, Australian Museum Shelf Benthic Survey, 23 May 1972.

**brucei, Alpheus** Banner & Banner, 1982b: 359, fig. 1.

P30803 HOLOTYPE, ovigerous female, Reef Flat, Heron Island, Capricorn Group, Queensland, Australia, [23°27'S 151°55'E], from coral: *Poreites andrewwi* Vaughn, 0.5 m, A.J. Bruce, 1 September 1978.

caledonica, *Paratya Roux*, 1926b: 192, figs 9-16.

P7875 SYNTYPES, 2 specimens, Lac en 8, New Caledonia, F. Sarasin and J. Roux, 31 March 1912.

carinidactylus, *Periclimenes* Bruce, 1969: 254.

P28109 HOLOTYPE, ovigerous female, Bottle and Glass Rocks, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], on crinoid, 7.6 m, L. Wilson, 23 April 1966.

**chacei, Merhippolyte** Kensley, Tranter & Griffin, 1987: 309, figs 18-19.

P19092 HOLOTYPE, female, east of Long Reef, New South Wales, Australia, 33°43-37'S 151°55-152°02'E, trawl, 686 m, FRV Kapala, 19 October 1972, K72-06-04.

colemani, *Periclimenes* Bruce, 1975: 488, figs 1-7.

P20209 HOLOTYPE, male, Wistari Reef, Capricorn Group, Queensland, Australia, [23°27'S 151°55'E], on *Asthensoma intermedium* H.L. Clark, 12 m, N. Coleman, 18 July 1973.

P20210 PARATYPE, female, type locality.

comatularum, *Alpheus* Haswell, 1882c: 762.

G2041 SYNTYPES, dry specimen, Albany Passage, Queensland, Australia, [10°44'S 142°36'E], *Old Collection*, [type material listed as not found in AM or MM by Griffin & Stanbury, 1970: 125; specimen not located, March 1993].

P1417 SYNTYPES, 7 specimens, type locality, *Old Collection*, [type material listed as not found in AM or MM by Griffin & Stanbury, 1970: 125].

custoides, *Anchistus* Bruce, 1977: 50, figs 4-6.

P17531 HOLOTYPE, ovigerous female, north-west end, Gillett Cay, Great Barrier Reef, Queensland, 21°43'S 1300 49.1'E, commensal, host: mollusc *Atrina vexillum* (Born), Australian Museum Swain Reefs Expedition, October 1962, Station 1.

P39911 PARATYPE, male, type locality, [registered from P17531].

darwiniensis, *Pseudathanus* Bruce, 1983b: 464, figs 1-5.

P38220 PARATYPE, ovigerous female, Dudley Point Reef, East Point, Darwin, Northern Territory, Australia, 12°25'S 130°49.1'E, intertidal, ELWS, A.J. Bruce, 20 September 1982, AJB-6.

diplosomatis, *Periclimenaeus* Bruce, 1980: 39, figs 1-6.

P28417 HOLOTYPE, female, Heron Island, Queensland, Australia, [23°26.9'S 151°55'E], from ascidian: *Diplosoma? rayneri* MacDonald, on reef flat, A.J. Bruce, 13 December 1978.

P28418 PARATYPE, male, type locality.

dubia, *Apopontonia* Bruce, 1981c: 225, figs 1-3.

P30718 HOLOTYPE, Shag Rock, east of North
enigma, *Pseudocheles* Banner & Banner, 1975: 374, fig. 27

*P19165 PARATYPES, 5 specimens, Lancelin Island, near Perth, Western Australia, [31°00'S 115°19'E], dead coral heads at surf line on outer reef, A.H. Banner, 14 December 1967, BAU 3.*

*P19166 PARATYPES, 4 specimens, same locality as P19165, scattered boulders on reef flat, 1-2 m, BAU 4.*

enigma, *Pseudocheles* Chace & Brown, 1978: 757, figs 1-4.

*P24190 HOLOTYPE, female, west side of lagoon, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], bottom coral and sand, 1-15 m, Australian Museum Fish Department, 17 November 1975.*

*P26830 PARATYPES, 2 ovigerous females, type locality, clumps of *Isis* and assorted soft corals at base of bommie no. 2, 1-15 m, H. Larson and D. Hoese, 17 November 1975, LZ 75-42.*

*glypticum, Macrobrachium* Riek, 1951a: 363, fig. 4.

*P11992 HOLOTYPE, male, Coen, Queensland, Australia, [13°57'S 143°12'E], Wassell, 21 November 1945.*

*P11993 PARATYPE, female, type locality.*

*P11994 PARATYPES, 3 specimens, type locality.*

*gracilis, Parisia* Williams, 1964: 94, figs 1a-q, 2a-h.

*P14059 HOLOTYPE, female, "Brennons Brook", 425 m from entrance to cavern 25 km south of Katherine, Northern Territory, Australia, [14°35'S 132°28'E], W. Penman, 6 November 1962.*

*P14060 PARATYPE, male, type locality.*

*P14061 PARATYPE, female, type locality.*

*P14062 PARATYPE, female, type locality.*

*P14063 PARATYPE, female, type locality.*

*P14064 PARATYPE, male, type locality.*

*P14065 PARATYPE, female, type locality, 7 October 1962.*

*P14066 PARATYPE, female, type locality, 7 October 1962.*

*grahami, Plesionika* Kensley, Tranter & Griffin, 1987: 315, figs 20-21, pl. C.

*P35897 HOLOTYPE, male, north-east of Port Jackson, New South Wales, Australia, 33°44-42'S 151°49-50'E, trawled, 405 m, FRV *Kapala*, 28 September 1975.*

*P21030 PARATYPE, north-east of Wollongong, New South Wales, Australia, 34°21-14'S 151°24-28'E, 400 m, FRV *Kapala*, 8 August 1975, K75-05-02.*

*heronicus, Alpheus* Banner & Banner, 1982a: 220, fig. 69.

*P27235 HOLOTYPE, female, Heron Island, Capricorn Group, Queensland, Australia, [23°27'S 151°55'E], J. Booth, 1965, AM 390.*

*P27214 PARATYPES, 2 females, Scarborough, Moreton Bay, Queensland, Australia, [27°12'S 153°07'E], trawled below low water, J.S. Hynd, 19 May 1946, AM 70.*

*P27236 PARATYPES, 4 females, type locality.*

*holthuisi, Glyphocrangon* Kensley, Tranter & Griffin, 1987: 321, figs 22, 25c.

*P35906 HOLOTYPE, ovigerous female, south-east of Cape Byron, New South Wales, Australia, 28°41-44'S 153°52-51'E, prawn trawl, 153 m, FRV *Kapala*, 18 August 1978, K78-17-21.*

*P33157 PARATYPES, 16 specimens, type locality.*

*howensis, Paratya* Roux, 1926b: 244.

*P7924 SYNTYPES, 12 specimens, Big Creek, Lord Howe Island, Australia, [31°33'S 159°05'E], A.R. McCulloch, 3 March 1921 [published collection date: 1912].*

*hutchingsae, Alpheus* Banner & Banner, 1982a: 191, fig. 58.

*P27252 HOLOTYPE, female, point north of Crystal Beach, Lizard Island, Queensland, Australia, [14°40'S 145°28'E], coral rubble, 10 m, P. Hutchings, 14 April 1975, 75 LIZ 3.*

*P27253 PARATYPE, male, type locality.*

*indistincta sobrina, Caridina* Riek, 1953b: 119, fig. 9.

*P13329 SYNTYPES, 37 specimens, Rocky Creek, Fraser Island, Queensland, Australia, [25°22'S 153°07'E], E.F. Riek, August 1941, [although Riek designated a holotype it cannot be separated from the other type specimens].
kapala, *Pasiphaea* Kensley, Tranter & Griffin, 1987: 297, figs 10-12.

P33133 HOLOTYPE, male, north-east of Norah Head, New South Wales, Australia, 33°08'-10'S 152°27'-24'E, demersal prawn trawl, 580 m, FRV *Kapala*, 7 December 1977, K77-23-09.

P26789 PARATYPES, 27 males, 23 females, east of Broken Bay, New South Wales, Australia, 33°35'-33°33'S 152°00'-02'E, demersal prawn trawl, 823 m, D.E. Brown on FRV *Kapala*, 8 December 1977, K77-23-12.

*labis*, *Alpheus* Banner & Banner, 1982a: 127, fig. 35.

P27234 HOLOTYPE, vicinity of Albany Passage, Torres Strait, Queensland, Australia, [10°44'S 142°36'E], M. Ward, September 1928, AM 121.

*lacertae*, *Periclimenes* Bruce, 1992: 46, figs 1-6.

P39299 HOLOTYPE, male, off North Point, Lizard Island, Queensland, Australia, 14°40'S 145°28'E, baited trap, 20 m, edge of hard coral and sandy mud, J.K. Lowry and S.J. Keable, 24 January 1989, QLD 240, [published data: off Chinaman’s Ridge, Mrs Watson’s Bay, Lizard Island, 22-23 m, trap 20-21 January 1989, QL 197].

*lancifera*, *Stygicaris* Holthuis, 1960a: 48, figs 1-2.

P13259 PARATYPES, 4 specimens, Milyery, Yardie Creek Station, North West Cape, Western Australia, [21°53'S 114°01'E], in wells and waterholes, A. Snell, [published number of specimens: 9].

*leptocheles*, *Alpheus* Banner & Banner, 1973a: 261, fig. 1.

P19917 HOLOTYPE, male, mouth of Sepik River, between Cape Girgar and Kaup, Papua New Guinea, [03°50'S 144°20'E], trawled, 3-18 m, R. Eginton on MV *Tagula*, August-September 1965.

P19918 PARATYPES, 2 females, type locality.

*litoreus*, *Leander* McCulloch, 1909: 308, fig. 16.

P2155 SYNTYPES, coast near Sydney, New South Wales, Australia, from rock pools, A.R. McCulloch.

P2194 SYNTYPES, 2 specimens, Manly, New South Wales, Australia, [33°48'S 151°17'E], A.R. McCulloch.

*longitaenia*, *Pasiphaea* Kensley, Tranter & Griffin, 1987: 301, figs 13-14.

P35916 HOLOTYPE, east of Long Reef Point, New South Wales, Australia, 33°43'-39°S 151°56'-58'E, demersal prawn trawl, 626-637 m, FRV *Kapala*, 25 September 1984, K84-16-03, [published registration number: P35196].

P24771 PARATYPE, east of Broken Bay, New South Wales, Australia, 33°41'S 151°55'E, 457 m, FRV *Kapala*, 20 July 1976, K76-24-01.

P24772 PARATYPES, 1 male, 2 females, same data as P24771.

*lownyi*, *Glyphocrangon* Kensley, Tranter & Griffin, 1987: 322, figs 23, 25d.

P33158 HOLOTYPE, ovigerous female, north-east of Danger Point, Queensland, Australia, 28°03'-01'S 154°04'E, prawn trawl, 724 m, FRV *Kapala*, 6 November 1978, K78-23-08.

*magnoculus*, *Pandalus* Bate, 1888: 667, pl. 115 fig. 1.

P3162 SYNTYPES, near New Zealand, 38°50'S 169°20'E, *Globigerina* ooze, trawled, 503 m, HMS *Challenger*, 23 June 1874, Station 166, [donated by the British Museum (Natural History)].

*magnificus*, *Periclimenes* Bruce, 1979b: 195, figs 1-5, pl. 1a-c.

P27106 HOLOTYPE, Wistari Reef, Heron Island, Queensland, Australia, [23°29'S 151°53'E], living on *Catalaphyllia plicata* (Milne Edwards & Haime), 27 m, D. Fisk, 10 October 1976, [published registration number: P28109].

*malabaricus trefzae*, *Alpheus* Banner & Banner, 1982a: 207, fig. 64.

P30805 HOLOTYPE, female, Brammo Bay, Dunk Island, Queensland, Australia, [17°57'S 146°09'E], on and under small granite boulders on mud flats at low tide, S. Trefz, 8 June 1973, JG 20-73, [published substrate: from rocky shore in sandy mud at 0.0 tide level].

*marguitae*, *Thor* Bruce, 1978: 159, figs 1-6.

P28108 PARATYPE, Heron Island, Queensland, Australia, [23°27'S 151°55'E], reef flat north shore, low tide, on coral *Porites andrewi* Vaughan, 6 m, M. Bruce, 23 October 1976.

*mcullochi*, *Cardinia* Roux, 1926b: 249.

P7920 SYNTYPES, 4 specimens, Pallal, Horton River, near Bingara, New South Wales, Australia, [29°52'S 150°34'E], A.R. McCulloch, January 1909.

*minutus*, *Betaeus* Whitelegge, 1897: 147, pl. 7, figs 4, 4a-b.

G1419 SYNTYPES, 47 specimens, Funafuti Atoll,
Ellice Islands, [08°31'S 179°13'E], under stones and sponges in mangrove swamp, C. Hedley, May-August 1896.

*ornithorhyncus*, *Alpheus* Banner & Banner, 1982a: 177, fig. 54.

P30802 HOLOTYPE, male, Moreton Bay, Queensland, Australia, [27°10'S 153°21'E], A.H. and D.M. Banner, 1 May 1972, UQ 35.

*neptunus germanus*, *Synalpheus* Banner & Banner, 1975: 321, fig. 12.

P12426 PARATYPES, 9 specimens, Cottesloe, Western Australia, [31°59'S 115°45'E], from large sponge washed ashore, G.P. Whitley, August 1954.

*noumeae*, *Hamodactylus* Bruce, 1970: 539, fig. 2.

P16864 HOLOTYPE, ovigerous female, between Isle aux Canards and Islot Maitre, Noumea, New Caledonia, host: *Mopsella ellisi* Hickson, 25 m, S. Catala, July 1961.

*novacastellum*, *Glyphocrangon* Kensley, Tranter & Griffin, 1987: 324, figs 24, 25e.

P26766 HOLOTYPE, ovigerous female, south-east of Newcastle, New South Wales, Australia, 33°08-09'S 152°27-25'E, demersal prawn trawl, 732 m, D.E. Brown on FRV *Kapala*, 7 December 1977, K77-23-10.

P19096 PARATYPE, east of Long Reef, New South Wales, Australia, 33°43-37'S 151°55-152°02'E, 686 m, FRV *Kapala*, 19 October 1972, K72-06-04.

P20995 PARATYPES, 1 ovigerous female, 1 male, east of Broken Bay, New South Wales, Australia, 33°32-38'S 152°00-04'E, 823 m, FRV *Kapala*, 19 August 1975, K75-05-05, [published collection date: 6 December 1979].

P20996 PARATYPES, 11 specimens, same data as P20995.

P33160 PARATYPE, ovigerous female, east of Broken Bay, New South Wales, Australia, 33°32-34'S 152°06-05'E, demersal prawn trawl, 810 m, FRV *Kapala*, 6 December 1979, K79-20-13.

*novaecaledoniae*, *Caridina* Roux, 1926b: 214, figs 40-46.

P7881 SYNTYPES, 2 specimens, Tchalabel, New Caledonia, F. Sarasin and J. Roux, 3 May 1911.

*ornithorhynchus*, *Athanas* Banner & Banner, 1973: 319, fig. 8.

P17999 HOLOTYPE, ovigerous female, Chambers Bay, Van Dieman Gulf, Northern Territory, Australia, [12°13'S 131°35'E], taken from pearl shell growth, V. Wells and A.A. Racek, October 1959.

P18000 PARATYPE, female, type locality.

P18001 PARATYPE, female, Shark Bay, Western Australia, Australia, [25°25'S 113°35'E], trawled, from sponge, CSIRO Fisheries, 27 September 1948.

*papillosus*, *Alpheus* Banner & Banner, 1982a: 260, fig. 80.

P27233 HOLOTYPE, male, Gulf of Carpentaria, Queensland, Australia, 17°25'S 140°32'E, trawled, 9 m, CSIRO Gulf of Carpentaria Prawn Survey, 2 August 1963, Station 19, AM 114, [published type locality: Sandgate, Moreton Bay, Queensland, J.S. Hynd, 25 June 1944, AM 114a].

P836 PARATYPE, Fraser Island, Queensland, Australia, [25°22'S 153°07'E], Kirton.

P5116 PARATYPE, Rose Bay, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], dredged, State Trawling Department, January 1921.

P7234 PARATYPE, off Towra Point, Botany Bay, New South Wales, Australia, [34°00'S 151°12'E], from kelp holdfast, 6 m, J.H. Wright, April 1924.

P8255 PARATYPE, Gunnamatta Bay, Port Hacking, New South Wales, Australia, [34°05'S 151°10'E], C. Anderson and F.A. McNeill, September 1925.

P8695 PARATYPE, Bottle and Glass Rocks, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], M. Ward, November 1926.

P9076 PARATYPES, 2 specimens, Woolloomooloo Bay, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], on shore between tide marks, M. Ward, 7 March 1928.

P10770 PARATYPES, 3 specimens, Brunswick Heads, New South Wales, Australia, [28°32'S 153°33'E], E. Troughton and A. Musgrave, August 1936.

P11416 PARATYPE, Botany Bay, New South Wales, Australia, [34°00'S 151°08'E], A.H.S. Lucas and Museum Party.

P11440 PARATYPES, 7 specimens, between Peil Island and Cleveland, Moreton Bay, Queensland, Australia, [27°25'S 153°20'E].

P11451 PARATYPES, 2 specimens, Gunnamatta Bay, Port Hacking, New South Wales, Australia, [34°05'S 151°10'E].

P13563 PARATYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E].

P13557 PARATYPES, 3 specimens, Farm Cove, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], R. Helms.

P27212 PARATYPES, 13 specimens, Scarborough, Moreton Bay, Queensland, Australia, [27°12'S 153°07'E], weed, 4 m, J.S. Hynd, 5 July 1946, AM 56.

P27213 PARATYPES, 25 specimens, same locality as Springthorpe & Lowry: Crustacea type catalogue 77.
P27212, trawled below low water mark, 19 May 1946, AM 70.
P27215 PARATYPE, same locality as P27212, weed flat, 3 September 1945, AM 117.
P27216 PARATYPES, 3 specimens, Green Island, off Cairns, Queensland, Australia, [16°46'S 145°58'E], J.S. Hynd, 14 July 1946, AM 168.
P27217 PARATYPE, same data as P27216.
P27218 PARATYPES, 4 specimens, Myora, Stradbroke Island, Moreton Bay, Queensland, Australia, [27°29'S 153°25'E], outer sand bank, J.S. Hynd, 27 March 1946, AM 133.
P27219 PARATYPE, same locality as P27218, coral, 22 May 1945, AM 165.
P27223 PARATYPES, 2 specimens, Manly, Moreton Bay, Queensland, Australia, [27°28'S 153°11'E], weed, J.S. Hynd, 27 July 1946, AM 175.
P27224 PARATYPES, 2 specimens, off Mary River Heads, Great Sandy Strait, Queensland, Australia, [25°20'S 153°00'E], J.S. Hynd, 6 June 1946, AM 403.
P27225 PARATYPES, 2 specimens, Anchorage Spit, Manly, Moreton Bay, Queensland, Australia, [27°28'S 153°11'E], J.S. Hynd, 27 July 1946, AM 445.
P27227 PARATYPE, Careel Bay, Pittwater, New South Wales, Australia, [33°37'5' S 152°20'E], Posidonia bed, P. Hutchings, 11 December 1973, AM 461.
P27228 PARATYPE, same data as P27227.
P27229 PARATYPES, 3 specimens, same locality as P27227, Zostera bed, 30 July 1973, AM 462.
P27230 PARATYPE, off Karumba, Gulf of Carpentaria, Queensland, Australia, [17°29'S 140°50'E], trawled, 25 m, J.C. Yaldwyn and D.F. McMichael, CSIRO Gulf of Carpentaria Prawn Survey, December 1963, AM 13.
P27231 PARATYPES, 2 specimens, type locality.
P27232 PARATYPE, ovigerous female, type locality.
P27237 PARATYPES, 2 specimens, Heron Island, Capricorn Group, Queensland, Australia, [23°27'S 151°55'E], J. Booth, 1965, AM 390.
P27238 PARATYPE, Lady Elliot Island, Queensland, Australia, [24°07'5' S 152°43'E], C. Wright, 1964, AM 142.
P27239 PARATYPE, North East Cay, Herald Group, Queensland, Australia, [17°20'S 148°28'E], under beach rock, J.C. Yaldwyn and D.F. McMichael, 7 November 1963, AM 219.
P27240 PARATYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], W.A. Haswell, AM 256.
P27241 PARATYPES, 4 specimens, strand near Queens Hotel, Townsville, Queensland, Australia, [19°16'5' S 146°49'E], D. R. Fielder, October 1966, AM 391.
P27242 PARATYPE, south of Peel Island, Moreton Bay, Queensland, Australia, [27°30'S 153°21'E], 9 m, W. Stephenson, 17 July 1961, AM 446.
P27243 PARATYPES, 5 specimens, same locality as P27242, dredged between beacons, 6 m, AM 450.
P27246 PARATYPE, off Inskip Point, Great Sandy Strait, Queensland, Australia, [25°49'S 153°03'E], dredged, 18 m, FIS Endeavour, 27 July 1910.
P27875 PARATYPES, 2 specimens, Rose Bay, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], A.R. McCulloch, May, 1909.
P40478 PARATYPE, Southwest Rocks, Peel Island, Moreton Bay, Queensland, Australia, [27°15'S 153°20'E], S. Cook, September 1970, CS11A3.
P40479 PARATYPE, same locality as P40478, CS11B1.
P40480 PARATYPE, same locality as P40478, CS11D1.
P40481 PARATYPE, same locality as P40478, CS11E1.

paralaticeps, Synalpheus Banner & Banner, 1982a: 299, fig. 92.

P30810 HOLOTYPEx, female, Rudder Reef, off Port Douglas, Queensland, Australia, [16°11.2'S 145°40'E], broken coral pieces and sand from reef flat exposed at low tide, subject to heavy surf and south-east winds, A.H. and D. M. Banner, 14 January 1968, BAU 30.
P30811 PARATYPE, male, type locality.

parasocialis, Alpheus Banner & Banner, 1982a: 72, fig. 17.

E5679 PARATYPES, 5 specimens, 16 km north of Circular Head, Tasmania, Australia, [40°42'S 145°18'E], FIS Endeavour Expedition, 1909-1914.
P2329 PARATYPE, same data as E5679.
P12427 PARATYPE, Cottesloe Beach, Western Australia, [31°59'5' S 115°45'E], interstices of sponge washed ashore, G.P. Whitley, November 1954.
P13578 PARATYPE, Nelsons Bay, Port Stephens, New South Wales, Australia, [32°43'S 152°08'E], P27249 PARATYPES, 2 specimens, Solichs Beach, St Vincents Gulf, South Australia, [35°20'S 138°27'E], Sargassum zone, 3 m, 25 March 1939, AM 75.
P27250 PARATYPE, Rainbow Channel, near Myora Light, Stradbroke Island, Queensland, Australia, [27°28'S 153°25'E], coarse sand, dredged, 13 m, W. Stephenson, 12 October 1961, AM 182.
P27251 PARATYPES, 2 specimens, Jervis Bay, New South Wales, Australia, [35°00'S 150°45'E], dredged, 25 January 1931, AM 229.
P27256 PARATYPE, South Australia, FIS Endeavour Expedition, 1909-1914, [re-registered from E4496].
P27257 PARATYPES, 10 specimens, 24 km north-west of Cape Jervis, South Australia, [35°26'S 137°56'E], 30 m, FIS Endeavour Expedition, 1913, [re-registered from E4499].
P27258 PARATYPE, Watsons Bay, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E],
1908.

P27259 PARATYPES, 3 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E].
P27260 PARATYPE, Encounter Bay, South Australia, [35°35'S 138°45'E], dredged, 20 m.
P27261 PARATYPE, Off Inskip Point, Great Sandy Strait, Queensland, Australia, [25°49'S 153°03'E], dredged, 18 m, FIS Endeavour Expedition, 27 July 1910.
P27936 PARATYPE, 64 km west of Kingston, South Australia, [34°14'S 140°21'E], FIS Endeavour Expedition, 1915.
P41569 PARATYPES, 2 specimens, Tasmania, Australia, MM 204, [on permanent loan from the Macleay Museum, Sydney].

pavonae, Coralliocaris Bruce, 1972a: 77, figs 8-11.
P17935 PARATYPE, Sigatoka, Viti Levu, Fiji, [18°10'10'S 177°30'E], from Pavona divaricata (Lamarck) on shore reef, 0.5-1.0 m, P.M.J. Woodhead, July 1969.

plumifera, Bresilia Bruce, 1990: 1, figs 1-4.
P40086 HOLOTYPE, female, Taupo Sea Mount, western Tasman Sea, 33°14.21'S 156°10.68'E, sled, 133 m, J.K. Lowry et al., on FRV Franklin, 2 May 1989, FR0589-7, [published longitude: 56°10.68'E].

primae, Onycocaridella Bruce, 1981b: 241 figs 1-6.
P30812 HOLOTYPE, female, Wistari Reef, Capricorn Group, Queensland, Australia, [23°25.7'S 151°55'E], on sponge: Mycale sulcata Hentschel, 12 m, N.L. Bruce, 22 November 1979.
P30813 PARATYPE, male, type locality.

priodactylus, Periclimenes Bruce, 1992: 53, figs 1, 7-11.
P39435 HOLOTYPE, male, off patch reef toward northern entrance, Blue Lagoon, Lizard Island, Queensland, Australia, 14°40'S 145°28'E, baited trap, sand with conical mounds, 3.5 m, S.J. Keable and D.J. Townsend, 6 June 1989, QLD 320.

quadriarticulatus, Synalpheus Banner & Banner, 1975: 297, fig. 5.
P19161 HOLOTYPE, ovigerous female, between Hammond and Waiwea Islands, Torres Strait, Queensland, Australia, [10°32'S 142°13'E], 3 m, A.H. Banner, 10 January 1968.
P19162 PARATYPE, male, type locality.
P19163 PARATYPES, 6 specimens, type locality.
P19164 PARATYPES, 2 specimens, Thursday Island, Torres Strait, Queensland, Australia, [10°35'S 142°13'E], from coral heads, 1-3 m, A.H. Banner, 10 January 1968.

rathbunae, Campylonotus Schmitt, 1926: 373, pl. 67 figs 1-5.

rubra, Periclemenes Bruce, 1982: 197, figs 3-5, 8f.
P28106 HOLOTYPE, ovigerous female, Bribie Passage, Pumicestone Channel, Queensland, Australia, [27°03'S 153°10'E], trawled, from comatulid: Zygometra microdiscus (Bell), 9 m, C.T. Liron, 23 April 1969.
P28107 PARATYPE, male, type locality.

sibogae, Pontonia Bruce, 1972b: 182, fig. 1.
P15362 HOLOTYPE, female, Curtis Channel, Port Curtis, Queensland, Australia, [23°55'S 151°23'E], commensal, host: ascidian Styela whiteleggei Herdman, dredged, 42 m, J.S. Hynd, 30 August 1946.
P39943 PARATYPE, male, type locality, [re-registered from P15362].

spongiarum, Alpheus Coutiere, 1897: 236.

G2125 SYNTYPES, 2 specimens, Djibouti, Gulf of Aden, East Africa, [11°36'N 43°09'E], from sponge, [exchange from Museum National d'Histoire Naturelle, Paris].

stephensi, Alpheus Banner & Smalley, 1969: 43, fig. 2.
P18004 HOLOTYPE, male, 12.8 km east of Scarborough, Queensland, Australia, sand, trawled, 8.2 m, W. Stephenson, 10 November 1961.

strenuus cremnus, Alpheus Banner & Banner, 1982a: 229, fig. 72.
P27194 HOLOTYPE, male, Minnie Waters, Grafton, New South Wales, Australia, [29°47'S 153°18'E], intertidal rock platform, J.C. Yaldwyn, February 1965, AM 12.
P4950 PARATYPES, 3 specimens, Long Reef, New South Wales, Australia, [33°45'S 151°19'E], R. Helms, 6 March 1912.
striolata, Atya

P6914 PARATYPE, 3.2 km south of entrance to Tuggerah Lakes, New South Wales, Australia, [33°18' S 151°30'E], from rock pools between tide marks, A.A. Livingstone and H. Fletcher, 1924.
P27195 PARATYPE, female, type locality.
P27196 PARATYPES, 2 specimens, type locality, AM 14.
P27197 PARATYPE, type locality, AM 37, [published date: 3 November 1963].
P27198 PARATYPES, 2 specimens, type locality, AM 152.
P27199 PARATYPE, type locality, May 1967, AM 385.
P27200 PARATYPE, type locality, G. Biddle, 1967, AM 349.
P27206 PARATYPE, Long Reef, Collaroy, New South Wales, Australia, [33°45'S 151°19'E], intertidal rock platform, E. Pope, 22 January 1957, AM 77, [published date: 22 October 1957].
P27207 PARATYPE, same locality as P27206, I. Bennett, May 1964, AM 212.
P27208 PARATYPE, same locality as P27206, rock pool, I. Smith, 16 July 1967, AM 344.
P27209 PARATYPE, same locality as P27206, A. Healy, 3 November 1967, AM 399.
P27210 PARATYPES, 4 specimens, same locality as P27206, B. Campbell, 19 March 1961, AM 422.
P27211 PARATYPES, 2 specimens, same locality as P27206, J.C. Yaldwyn, 20 April 1962, AM 441.
P27226 PARATYPES, 2 specimens, Anchorage Spit, Manly, Moreton Bay, Queensland, Australia, [27°28'S 153°11'E], J.S. Hynd, 27 July 1946, AM 445, [specimens not located, March 1993].
P27244 PARATYPE, Hopetoun, Western Australia, [33°27'S 120°07'E], intertidal, CSIRO Fisheries, 1947, AM 84.
P27245 PARATYPE, Woody Head, Clarence River mouth, New South Wales, Australia, [29°22'S 115°22'E], intertidal, A.A. and M. Cameron, 28 August 1965, AM 132.
P27246 PARATYPE, Darwin, Northern Territory, Australia, [12°27'S 130°50'E], B. McCann, 1966, AM 345.
P27247 PARATYPES, 3 specimens, off headland, Quarantine Bay, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], shallow water, Australian Museum Party, 5 April 1967, AM 383.
P27265 PARATYPE, same locality as P27206, intertidal reef pools, J.C. Yaldwyn, 21 April 1963, AM 41.

striolata, Atya McCulloch & McNeill, 1923: 55, pl. 9 figs 3-4, pl. 10 fig. 3.
P4029 SYNTYPE, Nortons Basin, Nepean River, New South Wales, Australia, [33°48' S 150°38'E], in water weeds, R. Kinghorn, 18 February 1915.
P4030 SYNTYPE, same data as P4029.
P4031 SYNTYPE, same data as P4029.
P4493 SYNTYPE, same locality as P4029, rock pool above falls, A.R. McCulloch, 16 November 1919.
P4494 SYNTYPES, 3 specimens, same data as P4493.
P31611 SYNTYPE, female, same data as P4493.

stylifera, Stygiocaris Holthuis, 1960a: 54, fig. 3.
P13258 PARATYPE, Milyering, Yardie Creek Station, North West Cape, Western Australia, [21°53'S 114°01'E], in wells and waterholes, A. Snell.

tasmanica, Alpheus Banner & Banner, 1982a: 215, fig. 67.
P31484 HOLOTYPE, Tasmania, Australia, MM 161, [on permanent loan from the Macleay Museum, Sydney].

tasmaniensis, Paratya Riek, 1953b: 115, fig. 5.
P13323 HOLOTYPE, ovigerous female, creek at Yates Seed Farm, Kingston, Tasmania, Australia, [42°59'S 147°20'E], freshwater just above tide, E.F. Riek, 10 January 1947.
P39647 PARATYPES, 22 specimens, type locality, [re-registered from P13273].

thermophila, Cardina Riek, 1953b: 120, fig. 10.
P13332 HOLOTYPE, ovigerous female, Muttaburra, Queensland, Australia, [22°36'S 144°53'E], freshwater just above tide, E.F. Riek, 27 May 1945.
P39625 PARATYPES, 284 specimens, type locality, [re-registered from P13332].

tijou, Synalpheus Banner & Banner, 1982a: 296, fig. 91.
P30809 HOLOTYPE, female, Tijou Reef, Queensland, Australia, 13°10'S 143°58'E, on unidentified crinoid: #10 F9, R.A. Birtles and L.P. Zaan, 11 November 1973, JC 42.

tolmerum, Macrobrachium Riek, 1951a: 362, fig. 1.
P11988 HOLOTYPE, male, Black River, Macrossan, Queensland, Australia, [19°15'S 146°38'E], E.F. Riek, October 1943.
P11989 PARATYPE, female, type locality.
P11990 PARATYPES, 12 specimens, type locality.

trispinosus, Betaeus Stimpson, 1861: 32.
P8230 NEOTYPE, 13 km south of Green Cape, New South Wales, Australia, [37°25'S 150°03'E], 54 m, M. Boardman on MV Bar-ea-mul, 20 July 1925, [designated by Banner & Banner, 1973b: 337].
typa, Paratya Roux, 1926b: 196, figs 23-31.

P7876 SYNTYPES, 5 specimens, La Madeleine, Plaine des Lacs, New Caledonia, 200 m altitude, F. Sarasin and J. Roux, 29 March 1912.

undicola, Alpheopsis Banner & Banner, 1973b: 340, fig. 15.

P18002 HOLOTYPE, male, Opal Reef, Great Barrier Reef, Queensland, Australia, [16°14'S 145°53'E], from coral head on outermost margin of reef, 1.5 m, A.H. Banner, 15 January 1968.

P18003 PARATYPE, female, type locality.

unguis, Parisia Williams, 1964: 99, figs 21-s, 3a-o.

P14047 HOLOTYPE, female, "Brennons Brook", 425 metres from entrance to caves 25 km south of Katherine, Northern Territory, Australia, [14°35'S 132°28'E], 91 m, W. Penman, 6 November 1962.

P14048 PARATYPE, male, type locality.

P14049 PARATYPE, female, type locality.

P14050 PARATYPE, female, type locality.

P14051 PARATYPE, female, type locality.

P14052 PARATYPE, female, type locality.

P14053 PARATYPE, female, type locality.

P14054 PARATYPE, female, type locality, 5 November 1962.

P14055 PARATYPE, female, same data as P14054.

P14056 PARATYPE, female, type locality, 7 October 1962.

P14057 PARATYPE, female, type locality.

P14058 PARATYPE, female, type locality.

yaldwyni, Alpheopsis Banner & Banner, 1973b: 344, fig. 17.

P18005 HOLOTYPE, female, One Tree Island, Capricorn Group, Queensland, Australia, [23°30'S 152°00'E], from broken coral, lagoon shallows, J.C. Yaldwyn, 1 December 1966.

P18006 PARATYPES, 2 specimens, Heron Island, Capricorn Group, Queensland, Australia, [23°27'S 151°55'E], M. Ward, 1926.

P18007 PARATYPES, 1 male, 1 ovigerous female, same locality as P18006, J. Booth, 1965.

P19167 PARATYPES, 1 female, 1 male, Hope Islands, near Cooktown, Queensland, Australia, [15°28'S 145°15'E], A.R. McCulloch, 8 August 1906, AM 298, [male without chelae].

yaldwyni, Lebbeus Kensley, Tranter & Griffin, 1987: 304, figs 15-17, pl. B.

P26561 HOLOTYPE, ovigerous female, east of Port Jackson, New South Wales, Australia, 33°43'S 151°51-53'E, demersal prawn trawl, 450 m, K.J. Graham on FRV Kapala, 6 May 1977, K77-04-13.

P21825 PARATYPE, female, east of Port Jackson, New South Wales, Australia, 33°51-47'S 151°45-48'E, 420 m, FRV Kapala, 11 December 1975, K75-12-01, [published depth: 470 m]

P24769 PARATYPE, male, east of Batemans Bay, New South Wales, Australia, 35°44-47'S 150°37-35'E, 384 m, FRV Kapala, 7 July 1976, K76-11-08, [published depth: 420 m]

P26840 PARATYPES, 7 specimens, east of Brush Island, New South Wales, Australia, 35°31-28'S 150°45-47'E, demersal prawn trawl, 412 m, K.J. Graham on FRV Kapala, 22 November 1977, K77-21-04, [published depth: 190 m]

P33109 PARATYPE, ovigerous female, type locality.

DECAPODA: ASTACIDEA

aquilus, Euastacus Riek, 1969: 911.

P15718 HOLOTYPE, male, near Point Lookout, New England National Park, New South Wales, Australia, [30°29'S 152°25'E], beech forest, E.F. Riek, 20 February 1966.

P15719 PARATYPE, female, type locality.

P15720 PARATYPES, 6 specimens, type locality.

alienus, Euastacus Riek, 1969: 907.

P15722 HOLOTYPE, female, Buladelah Mountain near Stroud, New South Wales, Australia, [32°24'S 152°28'E], E.F. Riek, 8 September 1960.

P15723 PARATYPE, male, type locality.

P15724 PARATYPE, juvenile, type locality.

bidawalis, Euastacus Morgan, 1986: 19, figs 10-11.

P15313 PARATYPES, 2 males, 6 females, Mount Drummer, Victoria, Australia, [37°33'S 149°21'E], E.F. Riek, 4 December 1956.

boschmai, Nephrops Holthuis, 1964: 72, fig. 1.

E3673 HOLOTYPE, male, Great Australian Bight, south-west of Eucla, Western Australia, [33°20'S] 126°30'E, 238-348 m, FIS Endeavour Expedition, 4 April 1913.

E3657 PARATYPES, 3 males, Great Australian Bight, south of Eucla, Western Australia, [33°30'S] 129°06.5'E, 366-549 m, FIS Endeavour Expedition, 5 April 1913.

E3671 PARATYPE, Great Australian Bight, 160 km south of Eucla, Western Australia, [33°30'S] 129°00'E, FIS Endeavour Expedition, 5 March 1913.

E3682 PARATYPE, Great Australian Bight, south of Eucla, Western Australia, [33°30'S] 129°28'E, 219-293 m, FIS Endeavour Expedition, 14 April 1913.

E6254 PARATYPE, Great Australian Bight, south-
east of Eucla, Western Australia, [33°30'S 131°00'E], 366-457 m, FIS Endeavour Expedition, 1909-1914.

E6257 PARATYPE, same data as E6254.
P39941 PARATYPE, female, type locality, [registered from E3673].

*brachythorax*, *Euastacus* Riek, 1969: 912, fig. 16f.

P15716 HOLOTYPE, male, Brown Mountain, southeast of Nimmitabel, New South Wales, Australia, [36°36'S 149°23'E], E.F. Riek, 2 December 1956.
P15717 PARATYPE, female, type locality.

*cairnsensis*, *Cherax* Riek, 1969: 914.

P12837 HOLOTYPE, male, ti-tree swamp near Anderson Street, Cairns, Queensland, Australia, [16°55'S 151°46'E], I.S.R. Munro, 12 August 1942.
P12838 PARATYPES, 5 specimens, Cairns, Queensland, Australia, [23°51'S 151°16'E], I.S.R. Munro, January 1946.
P39909 PARATYPE, female, type locality, [registered from P12837].
P39910 PARATYPE, type locality, [registered from P12837].

*claytoni*, *Euastacus* Riek, 1969: 909 fig. 16d.

P15728 HOLOTYPE, male, Maclaughlin River, near Nimmitabel, New South Wales, Australia, [36°36'S 149°18'E], E.F. Riek, 30 December 1965.
P15311 PARATYPES, 14 specimens, type locality.
P15729 PARATYPE, female, type locality.

*clydensis*, *Euastacus* Riek, 1969: 911.

P15491 HOLOTYPE, male, Clyde River near Brooman, Ulladulla area, New South Wales, Australia, [35°28'S 150°14'E], N. Williams, 25 May 1959.
P15488 PARATYPE, stream at Conjola near Ulladulla, New South Wales, Australia, [35°15'S 150°27'E], D.D. Francois and J. Harvie, 19 July 1959.
P15489 PARATYPE, female, same data as P15488.
P15490 PARATYPE, same data as P15488.

*communis*, *Cherax* Holthuis, 1949: 319, pl. 7 fig. 3, pl. 9 fig. 3.

P12080 PARATYPES, 1 male, 1 female, Paniai Lake, North West New Guinea, [now known as Irian Jaya, Indonesia], [03°50'S 136°15'E], L.B. Holthuis, 29 August 1939.
P12081 PARATYPE, male, type locality, 24 September 1939.
P12082 PARATYPE, female, Araboe bivouac, Araboe River, near Paniai Lake, North West New Guinea, [now known as Irian Jaya, Indonesia], [03°50'S 136°15'E], 1750 m altitude, L.B. Holthuis, 6 November 1939.

crassimanus, *Cherax* Riek, 1967: 119, fig. 5d, pl. 3b.
P15319 PARATYPES, 4 specimens, Beedelup Falls, Pemberton area, Western Australia, [34°25'S 115°52'E], smaller pools of flowing stream, E.F. Riek, 13 November 1958.

cunninghami, *Euastacus* Riek, 1951c: 379.
P11929 HOLOTYPE, female, western slopes, Cunninghams Gap, south-east Queensland, Australia, [28°03'S 152°27'E], E.F. Riek, 23 October 1948.
P11930 PARATYPE, male, type locality.
P11931 PARATYPES, 7 specimens, type locality.

cuspidatus, *Cherax* Riek, 1969: 913, fig. 15f.
P15734 HOLOTYPE, male, 32 km south of Port Macquarie, New South Wales, Australia, [31°43'S 152°41'E], E.F. Riek, 25 August 1960.
P15735 PARATYPE, female, type locality.
P15736 PARATYPE, type locality.

depressus, *Cherax* Riek, 1951c: 375, figs 7-9.
P11964 HOLOTYPE, male, Mount Coot-tha, Brisbane, Queensland, Australia, [27°29'S 152°57'E], E.F. Riek.
P11965 PARATYPE, female, type locality.
P11966 PARATYPES, 100 specimens, type locality.

dispar, *Cherax* Riek, 1951c: 371, figs 2-3.
P11956 HOLOTYPE, male, Sandy Creak, Moorooka, Brisbane, Queensland, Australia, [21°25'S 141°15'E], E.F. Riek.
P11957 PARATYPE, female, type locality.
P11958 PARATYPES, 100 specimens, type locality.

dispar crassus, *Cherax* Riek, 1951c: 372.
P11962 HOLOTYPE, male, Caboolture, Queensland, Australia, [27°05'S 152°57'E], E.F. Riek.
P11963 PARATYPES, 4 specimens, type locality.

dispar elongatus, *Cherax* Riek, 1951c: 372, fig. 4.
P11959 HOLOTYPE, male, Lake McKenzie, Fraser Island, Queensland, Australia, [25°27'S 153°04'E], E.F. Riek.
P11960 PARATYPE, female, type locality.
P11961 PARATYPES, 30, type locality.

diversus, *Euastacus* Riek, 1969: 908, fig. 20e.
P15711 HOLOTYPE, male, 48 km north of Orbost,
gracilis, Gramastacus Riek, 1972: 386, figs 17, 20, 22.

P38397 HOLOTYPE, male, Dwyer’s Creek, Grampians, Victoria, Australia, [37°40’S 141°30’E], from weed-grown areas bordering small streams, E.F. Riek, 23 November 1969.
P17678 PARATYPES, 3 specimens, type locality.
P38398 PARATYPE, female, type locality.
P38399 PARATYPES, 24 specimens, type locality.

insolitus, Gramastacus Riek, 1972: 386, figs 2, 16, 19, 21, 24.
P37051 HOLOTYPE, male, 8 km south-west of Moysten, Victoria, Australia, [37°20’S 142°41’E], weed covered swamps, E.F. Riek, 16 November 1969.
P37052 PARATYPE, female, type locality.
P37053 PARATYPES, 21 specimens, type locality.

keirensis, Euastacus Riek, 1969: 910, fig. 16c.
P15725 HOLOTYPE, male, Mount Keira near Wollongong, New South Wales, Australia, [34°24’S 150°51’E], E.F. Riek, 4 November 1956.
P15726 PARATYPE, female, type locality.
P15727 PARATYPES, 13 specimens, type locality.

leptomerus, Parastacoides Riek, 1951c: 387.
P11979 HOLOTYPE, female, outlet stream, Lake Lilla, Cradle Mountain, Tasmania, Australia, [41°41’S 145°57’E], E.F. Riek, 1 February 1949.
P11980 PARATYPE, male, type locality.
P11981 PARATYPES, 3 specimens, type locality.

maidae, Euastacoides Riek, 1956: 5.
P12888 HOLOTYPE, male, upper reaches Currambin Creek, Queensland, Australia, in rainforest, E.F. Riek, 1 October 1953.
P34092 PARATYPE, female, type locality, [registered from P12888].

murido, Cherax Holthuis, 1949: 313, pl. 4 fig. 2, pl. 8 fig. 6.
P12083 PARATYPE, female, Paniai Lake, North West New Guinea, [now known as Irian Jaya, Indonesia], [03°50’S 136°15’E], L.B. Holthuis, 27 August 1939.
P12084 PARATYPE, male, type locality, 24 September 1939.
P12085 PARATYPE, male, type locality, 25 August 1939.

neocarinaurus, Cherax Riek, 1967: 118.
P15325 PARATYPES, 4 specimens, 16 km east of Blackwood River, Western Australia, from shallow
burrows at the margins of a sandy pool in flowing swamp, E.F. Riek, 12 November 1958.

**neohirsutus, Euastacus** Riek, 1956: 3.

P34088 **HOLOTYPE**, male, 32 km west of Dorrigo, New South Wales, Australia, [30°20'S 152°23'E], E.F. Riek, 20 March 1954, [re-registered from P13039].

P13039 **PARATYPES**, 12 specimens, type locality.

P34089 **PARATYPE**, female, type locality, [re-registered from P13039].

**neopunctatus, Cherax** Riek, 1969: 913.

P17813 **HOLOTYPE**, male, Coffs Harbour Golf Course, New South Wales, Australia, [30°18'S 153°08'E], D.D. Francois and J.W. Evans, 6 March 1959.

P15496 **PARATYPES**, 22 specimens, type locality.

**nobilis crassus, Euastacus** Riek, 1951c: 383.

P11937 **HOLOTYPE**, male, small stream at, Bendora, Australian Capital Territory, Australia, [35°28'S 148°50'E], E.F. Riek, 12 March 1949.

P11938 **PARATYPE**, female, type locality.

P11939 **PARATYPES**, 2 specimens, type locality.

P11940 **PARATYPES**, 11 specimens, type locality.

**pallidus, Cherax** Holthuis, 1949: 311, pl. 2 fig. 1, pl. 8 fig. 5.

P12086 **PARATYPE**, male, Paniai Lake, North West New Guinea, [now known as Irian Jaya, Indonesia], [03°50'S 136°15'E], L.B. Holthuis, 1 October 1939.

**parvulus, Engaeus** Riek, 1951c: 386.

P11973 **HOLOTYPE**, male, Blundells, Condor Creek, Australian Capital Territory, Australia, [35°19'S 148°51'E], E.F. Riek, 31 March 1948.

P11974 **PARATYPE**, female, type locality.

P11975 **PARATYPES**, many specimens, type locality.

**polysetosus, Euastacus** Riek, 1951c: 384.

P11917 **HOLOTYPE**, male, Tubrabucca Creek, Hunter River, Barrington Tops, New South Wales, Australia, [31°50'S 151°26'E], E.F. Riek, 7 April 1949.

P11918 **PARATYPE**, female, type locality.

P11919 **PARATYPES**, 12 specimens, type locality.

**preissii angustus, Cherax** McCulloch, 1914: 231, pl. 32.

P2749 **LECTOTYPE**, male, Albany District, Western Australia, A. Abjornsen, [original spelling: Cheraps; invalid designation of holotype status by Riek, 1951c: 377; corrected here to lectotype].

P2750 **PARALECTOTYPE**, female, same data as P2749, [invalid designation of allotype status by Riek, 1951c: 377; corrected here to paralecotype].

P2751 **PARALECTOTYPE**, female, same data as P2749, [invalid designation of paratype status by Riek, 1951c: 377; corrected here to paralecotype].

**reducta, Engaewa** Riek, 1967: 108, fig. 3.

P15741 **PARATYPES**, 2 specimens, 0.8 km north of Quindalup Common near Dunsborough, Western Australia, [33°37'S 115°09'E], block 1041, R.W. George, B.R. Wilson and P.L. Smith, 16 July 1960.

**reductus, Euastacus** Riek, 1969: 907, fig. 16b.

P15731 **HOLOTYPE**, male, upper Allyn River, southern slopes of Barrington Tops, New South Wales, Australia, [32°15'S 151°33'E], E.F. Riek, 8 January 1958.

P15322 **PARATYPES**, 4 specimens, type locality, 16 February 1966.

P15732 **PARATYPE**, female, type locality.

P15733 **PARATYPES**, 11 specimens, type locality.

**rhynchotus, Cherax** Riek, 1951c: 377, fig. 12.

G4237 **HOLOTYPE**, male, Mappoon, Gulf of Carpentaria, Queensland, Australia, [11°58'S 141°53'E], C. Hedley, [published registration number: P4237].

P39912 **PARATYPE**, female, type locality, [re-registered from G4237].

P39913 **PARATYPES**, 5 specimens, type locality, [re-registered from G4237].

**robustus, Cherax** Riek, 1951c: 376, fig. 10.

P11967 **HOLOTYPE**, male, Lake Birrabeen, Fraser Island, Queensland, Australia, [25°30'S 153°03'E], E.F. Riek.

P11968 **PARATYPE**, female, type locality.

P11969 **PARATYPES**, 49 specimens, type locality.

P12831 **PARATYPES**, 22 specimens, Lake Tahwan, Fraser Island, Queensland, Australia, [25°35'S 153°00'E], E.F. Riek, August 1941.

**rotundus setosus, Cherax** Riek, 1951c: 385.

P4739 **HOLOTYPE**, male, Booral, Karuah River, Port Stephens, New South Wales, Australia, [32°29'S 151°58'E], D.G. Stead, 10 November 1911.

P4740 **PARATYPE**, male, type locality.
serratus hirsutus, Astacopsis McCulloch, 1917: 238, pl. 43.

P3706 LECTOTYPE, male, Belmore Falls Creek, New South Wales, Australia, [31°05'S 152°59'E], W.A. Haswell, [invalid designation of holotype status by Riek, 1969: 894; corrected here to lectotype].

P3707 PARALECOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].

P3708 PARALECOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].

P3709 PARALECOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].

P3710 PARALECOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].

P3711 PARALECOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].

P3712 PARALECOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].

P3713 PARALECOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].

P3714 PARALECOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].

P3715 PARALECOTYPE, type locality, invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype.

P5047 PARALECOTYPES, 2 specimens, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotypes; specimens not located, March 1993].

setosimerus, Parastacoides Riek, 1951c: 386.

P11976 HOLOTYPE, male, Mount Rufus, Tasmania, Australia, [42°07'S 146°07'E], 1219 m altitude, E.F. Riek, 25 January 1949.

P11977 PARATYPE, female, type locality.

P11978 PARATYPES, 9 specimens, type locality.

setosus, Euastacoides Riek, 1956: 4.

P12887 HOLOTYPE, male, Mount Glorious, Queensland, Australia, [27°20'S 152°46'E], from small streams in rainforest, E.F. Riek, 4 October 1953.

P12823 PARATYPES, 23 specimens, type locality.

P34093 PARATYPE, female, type locality, [re-registered from P12887].

simplex, Euastacus Riek, 1956: 2.

P13048 HOLOTYPE, male, 24 km north of Armidale, New South Wales, Australia, [30°17'S 151°40'E], E.F. Riek, 25 March 1954.

P34090 PARATYPE, female, type locality.

P34091 PARATYPE, female, type locality.

spinosus, Euastacus Riek, 1956: 2, pl. 1.

P13033 HOLOTYPE, male, upper reaches of Hastings River, New South Wales, Australia, [31°20'S 152°15'E], B.H. Dick, October 1953.

P13032 PARATYPE, female, type locality.

P13034 PARATYPE, female, type locality.

dubrocoerulea, Engaewa Riek, 1967: 107, fig. 2, pl. 1.

P15740 PARATYPES, 2 specimens, Inlet River, 24 km north-west of Walpole, Western Australia, [34°55'S 116°35'E], E.F. Riek, 15 November 1958.

sulcatus, Euastacus Riek, 1951c: 379.

P11921 HOLOTYPE, male, Binna Burra, Lamington National Park, Queensland, Australia, [28°12'S 153°11'E], E.F. Riek, January 1943.

P11922 PARATYPE, female, type locality.

P11923 PARATYPES, 3 specimens, type locality.

P11924 PARATYPE, type locality.

P13030 PARATYPES, 23 specimens, type locality.

urosinosus, Cherax Riek, 1969: 916.

P12846 HOLOTYPE, male, Indooroopilly, Queensland, Australia, [27°30'S 152°58'E], E.F. Riek, 9 May 1945.

urosinosus, Euastacoides Riek, 1956: 5.

P12886 HOLOTYPE, male, Obi Obi Creek, Maleny, Queensland, Australia, [26°43'S 152°53'E], E.F. Riek, 8 October 1953.

wasselli, Cherax Riek, 1969: 914.

P15737 HOLOTYPE, male, Bridge Spring, between Rocky River and Scrubby Creek, Cape York, Queensland, Australia, J.L. Wassell, 23 October 1958.

P15738 PARATYPES, 7 specimens, type locality.

DECAPODA: THALASSINIDEA

aequimana, Callianassa Baker, 1907: 182, pl. 24 figs 1-8.

P148 SYNTYPES, 10 specimens, South Australian Coast.
**appendiculosis**, *Axiopsis* Poore & Griffin, 1979: 224, fig. 1.

P9359 **HOLOTYPE**, female, Shellharbour, New South Wales, Australia, [34°35'S 150°52'E], under stones between tide marks, G. McAndrew, 1926.

P265 **PARATYPES**, 5 specimens, Watsons Bay, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], T. Whitelegge.

P1511 **PARATYPE**, same locality as P265.

P1512 **PARATYPE**, same locality as P265.

P1513 **PARATYPE**, same locality as P265.

P1514 **PARATYPE**, same locality as P265.

P7474 **PARATYPES**, 2 specimens, Long Reef, Collaroy, New South Wales, Australia, 33°45'S 151°19'E, intertidal, under stones, M. Ward, September 1924.

P8624 **PARATYPE**, same locality as P7474, M. Ward, September 1926.

P8694 **PARATYPE**, Bottle and Glass Rocks, Port Jackson, New South Wales, Australia, 33°51'S 151°16'E, M. Ward, November 1926.

P9063 **PARATYPE**, same locality as P7474, between tide marks, M. Ward, 21 April 1928.

P9365 **PARATYPE**, same locality as P7474, under stones between tide marks, M. Ward, October 1926.

P15037 **PARATYPES**, 3 specimens, same locality as P265, McIntosh and T. Whitelegge, March 1908.

P18557 **PARATYPE**, same locality as P7474, D. Grant, February 1925.

P20827 **PARATYPES**, 2 specimens, type locality, G. McAndrew, February 1925.

P21116 **PARATYPE**, Camp Cove, Port Jackson, New South Wales, Australia, 33°51'S 151°16'E, under rock, 5 m, N. Coleman, 11 August 1975.

P24672 **PARATYPE**, Bass Point, New South Wales, Australia, 34°36'S 150°54'E.

P24673 **PARATYPE**, same locality as P8694.

P24674 **PARATYPE**, Minnie Waters, Grafton, New South Wales, Australia, 29°47'S 153°16'E.

P24678 **PARATYPE**, same data as P 24674.

P24688 **PARATYPES**, 6 specimens, same locality as P24672.

P25293 **PARATYPE**, same locality as P265, F.E. Grant, February 1907, [re-registered from G5768].

**brucei**, *Axiopsis* Sakai, 1986: 12, figs 1-6.

P34217 **PARATYPE**, male, North West Shelf, Western Australia, 18°52.5'S 116°11.1'E, trawl, 455-456 m, A.J. Bruce on RV *Soela*, 30 January 1984, NWS 38, t/12.

**ceramica**, *Callianassa* Fulton & Grant, 1906: 12, pl. 5.

G5666 **SYNTYPE**, Victoria, Australia [type locality: Port Phillip Bay or Western Port, mudflats].

**collaroy**, *Callianassa* Poore & Griffin, 1979: 260, figs 24-25.

P16305 **HOLOTYPE**, male, Long Reef, Collaroy, New South Wales, Australia, [34°45'S 151°19'E], in sand among boulders, I. Bennett, 9 December 1946.

P8869 **PARATYPE**, Shellharbour, New South Wales, Australia, [34°35'S 150°52'E], G. McAndrew, May 1927.

P13163 **PARATYPE**, type locality, below tide marks, F. Myers, May 1958.

**dromana**, *Upogebia* Poore & Griffin, 1979: 295, figs 47-48.

P24680 **PARATYPE**, east of Malabar, New South Wales, Australia, 33°58.7'S 151°17.8'E, 127 m, Australian Museum Shelf Benthic Survey, 11 October 1972, AMSBS 2. [specimen not located, March 1993].

P24691 **PARATYPE**, east of Port Jackson, New South Wales, Australia, 33°49.4'S 151°20.7'E, 63 m, Australian Museum Shelf Benthic Survey, 27 February 1973, AMSBS 35, [published locality: off Malabar, NSW; specimen not located, March 1993].

P25269 **PARATYPES**, 2 specimens, Port Phillip Bay, Victoria, Australia, 38°14'S 144°49.8'E, clay/silt, 25 m, Port Phillip Bay Environmental Survey, Ministry for Conservation, Victoria, 12 February 1970, PPBES 969.

P25270 **PARATYPE**, Port Phillip Bay, Victoria, Australia, 38°16.3'S 144°55'E, sand, silt and clay, 22 m, Port Phillip Bay Environmental Survey, Ministry for Conservation, Victoria, 21 September 1970, PPBES 977.

P25271 **PARATYPES**, 2 specimens, same locality as P25270, 29 May 1973.

P25272 **PARATYPES**, 3 specimens, Port Phillip Bay, Victoria, Australia, 38°18.7'S 144°56.7'E, sand, 19 m, Port Phillip Bay Environmental Survey, Ministry for Conservation, Victoria, 22 September 1970, PPBES 982.

P25273 **PARATYPES**, 2 specimens, same data as P25272.

P25274 **PARATYPE**, Port Phillip Bay, Victoria, Australia, 38°18.7'S 144°56.7'E, sand, 19 m, Port Phillip Bay Environmental Survey, Ministry for Conservation, Victoria, 11 October 1971, PPBES 983.

P25275 **PARATYPE**, same data as P25274.

**giralia**, *Upogebia* Poore & Griffin, 1979: 297, fig. 49.

P24806 **PARATYPES**, 6 specimens, Tinganoo Creek, Melville Island, Northern Territory, Australia, [11°18'S 131°10'E], mudbanks in *Ceriops* forest, Sydney University Crocodile Research Project, 5 July 1975.
PARATYPE, Andranango Creek, Melville Island, Northern Territory, Australia, [11°18'S 131°10'E], mudbank, Rhizophora, Sydney University Crocodile Research Project, 21 June 1975.

P11453 HOLOTYPE, female, Whitsunday Group, Queensland, Australia, [20°10'S 149°05'E], R. Hallam.

P20833 PARATYPE, Molle Island, Whitsunday Passage, Queensland, Australia, [20°16'S 148°50'E].

P24814 PARATYPE, Yam Island, Torres Strait, Queensland, Australia, [09°53'S 142°45'E], under rocks on coral rubble area, sandy mud, D. Brown, 11 July 1976.

healyi, Laomedia Yaldwyn & Wear, 1970: 384, fig. 1.

P24807 PARATYPE, Andranango Creek, Melville Island, Northern Territory, Australia, [11°18'S 131°10'E], mudbank, Rhizophora, Sydney University Crocodile Research Project, 21 June 1975.

P15820 HOLOTYPE, female, Careel Bay, Pittwater, New South Wales, Australia, [33°37'S 151°20'E], from burrow in intertidal mangrove mud, A. Healy and J.C. Yaldwyn, December 1967.

P4746 PARATYPE, female, Hunter River, New South Wales, Australia, [31°50'S 151°18'E], D.G. Stead, 23 April 1910.

P10725 PARATYPES, 5 males, 2 females, Hen and Chicken Bay, Parramatta River, New South Wales, Australia, [33°50'S 151°05'E], from stormwater channel, M.E. Gray, 27 September 1935.

P11575 PARATYPE, female, Bonny Doon Golf Course, north of Cooks River, New South Wales, Australia, [33°37'S 151°20'E], from burrow in intertidal mangrove mud, A. Healy and J.C. Yaldwyn, December 1967.

P12944 PARATYPE, female, Brooklyn, Hawkesbury River, New South Wales, Australia, [33°30'S 151°10'E], A.A. Racek, June 1956, [specimen not located, March 1993].

P13506 PARATYPE, ovigerous female, Lugarno, Georges River, Sydney, New South Wales, Australia, [30°06'S 151°32'E], sandy mud, 21 December 1955.

P15057 PARATYPE, male, Parramatta River, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Haswell Collection.

P15058 PARATYPE, female, Port Curtis, Queensland, Australia, [23°24'S 150°30'E], M. Ward and W. Boardman, 1929.

P15819 PARATYPE, male, New South Wales, Australia, New South Wales State Trawling Department, 1920.

P18361 PARATYPE, female, Barron River, near Cairns, Queensland, Australia, [16°55'S 145°46'E], within crab burrows on river bank, J.C. Yaldwyn, 26 November 1963, [specimen not located, March 1993].

karumba, Callianassa Poore & Griffin, 1979: 266, figs 30-31.

P24678 HOLOTYPE, male, Norman River at Karumba, Gulf of Carpentaria, Queensland, Australia, 17°29’S 140°50’E, beam trawl, CSIRO Gulf of Carpentaria Prawn Survey, 10 February 1964.

leura, Callianidea Poore & Griffin, 1979: 281, figs 40-41.

P25292 HOLOTYPE, Masthead Island, Capricorn Group, Queensland, Australia, [23°32’S 151°43’E], dredged, F.E. Grant, [published registration number: P25294].

P5574 PARATYPE, Holborn Island, Queensland, Australia, [19°44’S 148°22’E], E.H. Rainsford.

motupore, Glypturus Poore & Suchanek, 1988: 198, figs 1-3, 4a.

P37393 PARATYPE, female, north-east of field station, Motupore Island, Bootless Inlet, Papua New Guinea, 09°32’S 147°16’E, intertidal sand flat, collected by hand using De Vaugelas (1985) method, T.H. Suchanek, June 1985, [published registration number: P37394].

P37394 PARATYPE, male, type locality.

narutensis, Upogebia Sakai, 1986: 25, pl. 1.

P37008 PARATYPE, male, Tosadomari, Ohge-Jima, Naruto, Japan, [34°11’N 134°37’E], muddy sand, lower tidal zone, K. Sakai, 28 April 1983, [donated by K. Sakai; published registration number: Tokushima Biological Laboratory BLT 1482].

neglecta, Upogebia De Man, 1927: 34, fig. 13-13e.

P1545 HOLOTYPE, ovigerous female, Port Stephens, New South Wales, Australia, [31°42’S 152°06’E].

P37008 PARATYPE, female, Port Curtis, Queensland, Australia, [23°24’S 150°30’E], M. Ward and W. Boardman, 1929.

P15164 PARATYPES, 2 specimens, Shelly Bay, Evans Bay, Wellington Harbour, Wellington, New Zealand, [41°17’S 174°47’E], Otter trawl from mud bottom, 3-18 m, R.G. Wear, 3 August 1964.
octoceras australiensis, Upogebia De Man, 1927: 14, pl. 2, figs 7, 7a-7c.

P262 SYNTYPES, 3 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], from interior of sponges.

spinifrons, Gebia Haswell, 1882c: 762.

P1544 PROBABLE SYNTYPE, Port Stephens, New South Wales, Australia, [31°42'S 152°06'E], 15 m, Old Collection, [labelled as type (A.R. McCulloch, 1908); invalid designation of holotype status by Sakai, 1982: 58].

G5186 POSSIBLE SYNTYPE, type locality, Old Collection, [labelled as type (A.R. McCulloch, 1905); specimen not located, March 1993]

waroona, Axius Poore & Griffin, 1979: 240, fig. 10.

P4841 PARATYPES, 2 specimens, Kingscote, Kangaroo Island, South Australia, [35°39'S 137°38'E], E. le G. Troughton, June 1920.

P8676 PARATYPE, female, North West Islet, Capricorn Group, Queensland, Australia, [10°40'S 142°07'E], on reef, G.P. Whitley, October 1926.

P24662 PARATYPE, Murray Island, Torres Strait, Queensland, Australia, [09°56'S 144°04'E], C. Hedley and A.R. McCulloch, 1907.

P24664 PARATYPES, 3 specimens, Edwards Island, Lancelin, Western Australia, [31°01'S 115°20'E], 14 December 1967.

P25291 PARATYPES, 5 specimens, Beaumaris, Western Port, Victoria, Australia, [38°29'S 145°02'E], F.E. Grant, February 1907.

G5757 [this registration number published in error: it is not A. waroona].

werribee, Axiospis Poore & Griffin, 1979: 232, figs 5-6.

P25276 PARATYPE, Port Phillip Bay, Victoria, Australia, 37°57.7'S 144°48.3'E, silt and sand, 15 m, Port Phillip Bay Environmental Survey, Ministry for Conservation, Victoria, 9 June 1970, PPBES 911.

P25277 PARATYPES, 2 specimens, Port Phillip Bay, Victoria, Australia, 38°00'S 145°00'E, sand, silt and clay, 17 m, Port Phillip Bay Environmental Survey, Ministry for Conservation, Victoria, 21 October 1969, PPBES 917.

P25278 PARATYPES, 2 specimens, same data as P25277.

P25279 PARATYPES, 2 specimens, Port Phillip Bay, Victoria, Australia, 38°04.7'S 144°39.5'E, silt and sand, 15 m, Port Phillip Bay Environmental Survey, Ministry for Conservation, Victoria, 18 February 1971, PPBES 931.

P25280 PARATYPE, same data as P25279.

P25281 PARATYPE, Port Phillip Bay, Victoria, Australia, 38°04.7'S 144°56.7'E, silt and clay, 22 m, Port Phillip Bay Environmental Survey, Ministry for Conservation, Victoria, 10 February 1970, PPBES 936.

G2393 SYNTYPES, 2 males, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], mud, 108-
99 m, E.R. Waite on HMCS *Thetis*, 22 March 1898, Station 57.

dubius, Scyllarus Holthuis, 1963: 58.

P14518 HOLETYPE, female, dry specimen, Japan.

mawsoni, Arctus Bage, 1938: 10, pl. 4, figs 2, 2a.

P11309 SYNTAXYPES, 2 specimens, off Maria Island, Tasmania, Australia, [42°40'S 148°15'E], 119 m, Australasian Antarctic Expedition 1911-14, *Aurora*, 12 December 1912.

P14942 SYNTAXYPE, type locality.

novaehollandiae, Jasus Holthuis, 1963: 56.

E734 PARATYPE, 64 km west of Kingston, South Australia, [36°50'S 139°07'E], 55 m, FIS *Endeavour* Expedition, 16 August 1909.

E1086 PARATYPE, Bass Strait, Victoria, Australia, [39°30'S 146°00'E], FIS *Endeavour* Expedition, 1909-1914.

E1087 PARATYPE, same data as E1086.

E1088 PARATYPE, same data as E1086.

E1322 PARATYPE, same data as E1086.

umbilicus, Scyllarus Holthuis, 1977: 195, figs 1-2.

P8232 HOLOTYPE, male, 4.8 km north of Green Cape, New South Wales, Australia, [37°13'S 150°03'E], 54-73 m, N. Boardman on MV *Barra-mul*, July 1925.

P18012 PARATYPE, male, south-east of Sydney, New South Wales, Australia, 33°45'S 151°30'E, 24 m, FRV *Kapala*, June 1971, [published depth: 137-146 m].

**DECAPODA: ANOMURA**

aciculus, Paguristes Grant, 1905: 319, pl. 11, figs 3, 3a.

G5428 SYNTAXYPES, 1 dry, 2 wet specimens, 45 km east of Port Jackson, New South Wales, Australia, [33°51'S 151°35'E], 457-550 m, W.F. Petterd, March 1905.

aculeata, Galathea Haswell, 1882c: 761.

P267 SYNTAXYPE, Port Mole, Queensland, Australia, [20°20'S 148°51'E], 26 m, W.A. Haswell, *Old Collection*, [labelled as co-type (A.R. McCulloch, 1908)].

G5657 POSSIBLE SYNTAXYPE, female, dry specimen, Port Mole, Queensland, Australia, [20°20'S 148°51'E], 26 m, *Old Collection*, [labelled as type (A.R. McCulloch, 1906)].

P266 POSSIBLE SYNTAXYPE, Holborn Island, Port Denison, Queensland, Australia, [19°44'S 148°22'E], *Old Collection*, [labelled as type (A.R. McCulloch, 1908)].

P41003 POSSIBLE SYNTAXYPE, dry specimen, same data as P266, [previously unregistered specimen with Haswell's 1882 catalogue number attached; possibly from the *Old Collection*].

adactyla, Hippa Fabricius, 1787: 329.

P17384 NEOTYPE, female, McCauleys Beach, Coffs Harbour, New South Wales, Australia, [30°18'S 153°08'E], low tide, C. Bowden, [designated by Haig, 1970: 293].

australiensis, Galathea Stimpson, 1858: 89.

P8719 NEOTYPE, female, Sow and Pigs Reef, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], dredged, 5 m, F.A. McNeill and party, 26 October 1926, [designated by Lewinsohn, 1967: 180].

capricorneus, Diogenes Grant & McCulloch, 1906: 35, pl. 3 figs 3, 3a.

G5626 SYNTAXYPES, 2 specimens, Masthead Island, Queensland, Australia, [23°32'S 151°44'E], dredged on a bottom of coral sand, F.E. Grant, 1904, [specimens not located, March 1993].

coralica, Galathea Haswell, 1882c: 761.

P270 SYNTAXYPES, 4 specimens, Port Mole, Queensland, Australia, [20°16'S 148°50'E], W.A. Haswell, [labelled as types (A.R. McCulloch, 1908)].

P3884 POSSIBLE SYNTAXYPE, dry specimen, Port Mole, Queensland, Australia, [20°16'S 148°50'E], *Old Collection*, [labelled as type (F.A. McNeill, 1913)].

coralica, Porcellana Haswell, 1882c: 759.

P3882 POSSIBLE SYNTAXYPE, dry specimen, Port Mole, Queensland, Australia, [20°16'S 148°50'E], *Old Collection*, [labelled as type (F.A. McNeill, 1913)].

diogenes, Sympagurus Whitelegge, 1900: 172, pl. 34 fig. 3.

G2379 SYNTAXYPE, 2-3 km off Port Hacking, New South Wales, Australia, [34°03.5'S 151°12.5'E], 40-69 m, sandy, E.R. Waite on HMCS *Thetis*, 10 March 1898, Station 35.

G2380 SYNTAXPES, 1 dry specimen, 1 wet specimen, 11-12.5 km off Wollongong, New South Wales, Australia, [34°27'S 151°04'E], sand, mud and rock, 101-102 m, E.R. Waite on HMCS *Thetis*, 18 March 1898, Station 48.
**furcillata, Porcellana** Haig, 1965: 110, fig. 2.

P14091 **PARATYPE**, off Roebuck Bay, Broome, Western Australia, [17°58’S 122°14’E], dredged, 9-16 m, A.A. Livingstone, June-October 1929.

P14764 **PARATYPES**, 1 male, 1 female, Albany Passage, Cape York, Queensland, Australia, [10°44’S 142°37’E], C. Hedley and A.R. McCulloch, August-October 1907.

P14765 **PARATYPE**, male, Roebuck Bay, Broome, Western Australia, [17°59’S 122°17’E], 16.4 m, A.A. Livingstone, August 1929.

**granti, Pachycheles** Haig, 1965: 104.

P14778 **HOLOTYPE**, male, Shelly Beach, Yamba, New South Wales, Australia, [29°26’S 153°22’E], on reef near mouth of Clarence River, A.A. Cameron, January 1939.

P9073 **PARATYPES**, 3 males, 2 females, Long Reef, Collaroy, New South Wales, Australia, [33°44’S 151°18’E], in canals of encrusting sponges under boulders below low tide marks, M. Ward, 21 April 1928.

P10295 **PARATYPE**, female, Boat and Glass Rocks, Port Jackson, New South Wales, Australia, [33°51’S 151°16’E], G.P. Whitley, 30 November 1932, [published collection date: April, 1933].

P11000 **PARATYPES**, 1 male, 1 female, Angowrie Beach, New South Wales, Australia, [29°29’S 153°22’E], A.A. Cameron, September 1938, [specimens not located, March 1993].

P11003 **PARATYPE**, male, type locality.

P11017 **PARATYPES**, 2 females, type locality

P11027 **PARATYPE**, male, type locality, December 1939.

P11190 **PARATYPE**, male, type locality, 11 November 1939.

P11193 **PARATYPES**, 2 females, same locality as P11000, 28 October 1939.

P11249 **PARATYPES**, 1 male, 1 female, type locality, 26 December 1939.

P13482 **PARATYPE**, male, Woody Head, Iluka, mouth of Clarence River, New South Wales, Australia, [29°22’S 153°22’E], A.A. Cameron, 3 September 1960.

P14762 **PARATYPES**, 2 males, Cabbage Tree Bay, Manly, New South Wales, Australia, [33°48’S 151°18’E], T. Whitelegge.

**hexagonata, Glaucothoe** Whitelegge, 1900: 177, figs 12, 12a.

G2385 **HOLOTYPE**, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10’S 151°11’E], mud, 108-99 m, E.R. Waite on HMCS *Thetis*, 22 March 1898, Station 57.

**imperialis, Calcinus** Whitelegge, 1901b: 48, pl. 9 figs 1-2d.

G5455 **SYNTAXE**, Maroubra Bay, New South Wales, Australia, [33°57’S 151°16’E], T. Whitelegge. G5590 **SYNTAXE**, Lord Howe Island, Australia, [31°33’S 159°05’E], March 1898.

**inconspicuus, Calcinus** Morgan, 1991: 884, figs 24-29.

P38142 **HOLOTYPE**, ovigerous female, outer slope, west of *Yoshida Maru Ikawa*, Elizabeth Reef, South Pacific Ocean, 29°57.2’S 159°01.2’E, 18 m, coral, I. Loch, 10 December 1987, Station 30F.

P38139 **PARATYPE**, ovigerous female, outer slope, west of *Runic*, Middleton Reef, South Pacific Ocean, 29°28’S 159°03.3’E, 11 m, dead coral, coral rubble, I. Loch, 9 December 1987, 23B.

P38140 **PARATYPE**, ovigerous female, type locality, 12 m, on and around dead coral heads, R.T. Springthorpe, J.K. Lowry, I. Loch, Station 30E.

**inermis, Petrolisthes** Haswell, 1882c: 757.

P3891 **SYNTAXES**, 2 dry specimens, Port Denison, Queensland, Australia, [20°03’S 148°15’E], A. Morton, *Old Collection*.

**jerviensis, Pagurixus** McLaughlin & Haig, 1984: 139, fig. 6.

P33836 **HOLOTYPE**, male, north face, Bowen Island, Jervis Bay, New South Wales, Australia, [35°07’S 150°46’E], 18 m, P. Berents, 24 May 1980.

**johnsoni, Pachycheles** Haig, 1965: 102 fig. 1.

P14075 **PARATYPE**, female, between Cape Bossutt and Broome, Western Australia, [18°10’S 122°00’E], dredged, 9 m, A.A. Livingstone, June-October 1929.

P14084 **PARATYPE**, between North and South Shell Island, Port Darwin, Northern Territory, Australia, [12°27’S 130°48’E], dredged, 5-13 m, A.A. Livingstone, 4 July 1929.

P14086 **PARATYPES**, 2 females, Entrance Point, Broome, Western Australia, [19°21’S 118°35’E], between tides, rocky reef, A.A. Livingstone, August 1929.

P14090 **PARATYPE**, female, Gantheaume Point, Broome, Western Australia, [17°59’S 122°11’E], between tide marks, A.A. Livingstone, September 1929.

P14760 **PARATYPE**, male, same locality as P14084, 5 July 1929.

P14761 **PARATYPES**, 1 male, 1 female, same locality as P14084, 2 July 1929.
maccullochi, Polyonyx Haig, 1965: 114, fig. 3.

P14117 HOLOTYPE, male, entrance to Roebuck Bay, Broome, Western Australia, [18°03'S 122°12'E], from divers, 16 m, A.A. Livingstone, 15 August 1929.

G5754 PARATYPE, female, Port Curtis, Queensland, Australia, [23°55'S 151°23'E], 13 m, F.E. Grant.

P10268 PARATYPES, 1 male, 1 female, Broome, Western Australia, [17°58'S 122°14'E], H.L. Clark, June 1932.

P14123 PARATYPE, female, type locality.

magnifica, Galathea Haswell, 1882c: 761.

P271 SYNTYPES, 15 specimens, Broughton Island, New South Wales, Australia, [32°37'S 152°19'E], Old Collection.

nitida, Porcellana Haswell, 1882c: 758.

P123 POSSIBLE SYNTYPE, Port Denison, Queensland, Australia, [20°03'S 148°15'E], Old Collection.

P3888 POSSIBLE SYNTYPE, dry specimen, type locality, Old Collection, [labelled as type (F.A. McNeill, 1913)].

pallescens, Diogenes Whitelegge, 1897: 141, pl. 6 fig. 2a-c.

G1402 SYNTYPES, 7 specimens, Funafuti, Ellice Islands, [08°31'S 179°13'E], in shells of mollusc: Vertagus lineatus, C. Hedley, [1896].

pugil, Paguristes McCulloch, 1913: 341, fig. 50.

P3008 HOLOTYPE, Watsons Bay, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], T. Whitelegge.

pulchella, Porcellana Haswell, 1882c: 758.

P3878 POSSIBLE SYNTYPE, Port Molle, Queensland, Australia, [20°16'S 148°50'E], Old Collection, [labelled as type (F.A. McNeill, 1913)].

schmitti, Austrolepidopa Efford & Haig, 1968: 898, figs 1-4.

P15341 HOLOTYPE, female, Ocean beach at Noosa Heads, mouth of Tewantin River, Queensland, Australia, [26°23'S 153°07'E], A.A. Livingstone, 8 August 1922.

P6369 PARATYPES, 12 specimens, type locality.

P6370 PARATYPES, 10 specimens, type locality, [specimens not located, March 1993].

P15342 PARATYPE, female, type locality.

sirius, Calcinus Morgan, 1991: 899, figs 49-55.

P38137 PARATYPE, female, patch reef, lagoon entrance, Middleton Reef, Tasman Sea, 29°27.3'S 159°04.6'E, night dive, 2 m, on and near coral heads, R.T. Springthorpe, 8 December 1987, Station 22C.

P38138 PARATYPE, ovigerous female, outer slope, west of Runic, Middleton Reef, Tasman Sea, 29°28'S 159°03.3'E, 11 m, dead coral, coral rubble, I. Loch, 9 December 1987, Station 23B.

P38141 PARATYPE, female, outer slope, west of Yoshida Maru Ikawa, Elizabeth Reef, Tasman Sea, 29°57.2'S 159°01.2'E, 12 m, on and around dead coral heads, R. Springthorpe, J.K. Lowry and I. Loch, 10 December 1987, Station 30E.

P41036 PARATYPES, 3 specimens, Deakon's Reef, Lord Howe Island, Australia, 31°33'S 159°05'E, 22 m, N. Coleman, 30 November 1979, AMPI 992.

sollasi, Porcellana Whitelegge, 1897: 144, pl. 7 fig. 3, 3a.

G1415 SYNTYPE, Funafuti, Ellice Islands, [8°00'S 179°00'E], C. Hedley, December 1896, [published number of specimens: 2].

spinosa variabilis, Coenobita McCulloch, 1909: 305, pl. 88 figs 1-2.

P2833 SYNTYPE, Cape York, Queensland, Australia, [11°48'S 142°21'E], A.R. McCulloch and C. Hedley, August-October 1907, [specimen not located, March 1993].

P2834 SYNTYPE, same data as P2833, [specimen not located, March 1993].

squamosus, Paguristes McCulloch, 1913: 338, fig. 49.

P3005 HOLOTYPE, male, Maroubra, New South Wales, Australia, [33°57'S 151°15'E], A.R. McCulloch.

sulcatus, Paguristes Baker, 1905: 258, pl. 34 figs 1, 1a.

P156 SYNTYPES, 2 dry specimens, Port Willunga, South Australia, [35°16'S 138°28'E], W. Baker.

terraereginae, Calcinus Haswell, 1882c: 760.

P1409 SYNTYPES, 3 specimens, Claremont Island, Queensland, Australia, [13°50'S 143°42'E], on coral reef, HMS Alert, Old Collection.

transversa, Porcellana Haswell, 1882c: 759.

P3883 POSSIBLE SYNTYPES, 2 dry specimens, Bowen, Queensland, Australia, [20°01'S 148°15'E], Old Collection, [labelled as types (F.A. McNeill, 1913)].
**DECAPODA: BRACHYURA**

*tridentatus*, *Porcellano-pagurus* Whitelegge, 1900: 181, figs 13, 13a-b.

G2384 SYNTYPES, 2 males, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], 108-99 m, mud, E.R. Waite on HMCS *Thetis*, 22 March 1898, Station 57.

*tridentatus*, *Paguristes* Whitelegge, 1900: 169, figs 11, 11a.

G2221 SYNTYPES, 5 specimens, 3-5.5 km offshore, north end Newcastle Bight, New South Wales, Australia, [32°50'S 152°03'E], sand and pebbles, 49-44 m, E.R. Waite on HMCS *Thetis*, 7 March 1898, Station 33.

*acetabulum*, *Tuberculatus* Whitelegge, 1900: 3 specimens, 6.5-10.5 km off Manning River, New South Wales, Australia, [31°57'S 152°46'E], fine grey sand, 40 m, E.R. Waite on HMCS *Thetis*, 5 March 1898, Station 28.

*whiteleggei*, *Galathea* Grant & McCulloch, 1906: 45, pl. 4 figs 2, 2a.

G2394 SYNTYPES, 3 specimens, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], mud, 108-99 m, E.R. Waite on HMCS *Thetis*, 22 March 1898, Station 57, *Whitelegge, 1900: 191, described Galathea sp. but had incomplete specimens and consequently declined to name it. Grant and McCulloch obtained a complete specimen and amended Whitelegge’s description naming it after him. All material should be regarded as syntypic as it was used for the complete description and although Grant and McCulloch refer to Whitelegge’s “type”, he had three specimens.*

G5658 SYNTYPE, dry specimen, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E].

*acer*, *Pilumnus* Rathbun, 1923: 124, pl. 29.

E3178 HOLOTYPE, male, 96-128 km west of Eucla, Western Australia, 146-189 m, FIS *Endeavour* Expedition, 1909-1914, [dubious locality].

P39942 PARATYPE, ovigerous female, type locality, [re-registered from E3178].

*acutidens*, *Panopaeus* Haswell, 1881c: 542.

G5548 SYNTYPE, dry specimen, Port Darwin, Northern Territory, Australia, [12°27'S 130°48'E], *Old Collection.*

*afecundus*, *Halicarcinus* Lucas, 1980: 185, figs 3g, 6m.

P12225 HOLOTYPE, ovigerous female, Lindeman Island, Queensland, Australia, [20°27'S 149°02'E], trawled, 18 m, G.P. Whitley, 5 September 1935.

*affinis*, *Eucrate* Haswell, 1881c: 547.

P40827 PROBABLE LECTOTYPE, dry specimen, Holborn Island, off Port Denison, Queensland, Australia, [19°44'S 148°22'E], *Old Collection*, [labelled as type (A.R. McCulloch, 1911); assumed syntype, designated as lectotype by Campbell, 1969: 122; re-registered from P2972].

P2972 PROBABLE PARALECTOTYPE, dry specimen, type locality, *Old Collection*, [labelled as type (A.R. McCulloch, 1911); assumed syntype, designated as paralectotype by Campbell, 1969: 122].

*albanyensis*, *Prismatopus* Ward, 1933: 391, pl. 23 fig. 3.

P10639 HOLOTYPE, female, dry specimen, Albany Passage, Queensland, Australia, [10°44'S 142°36'E], 16-18 m, M. Ward, September 1928, [specimen not located, March 1993].

*alidae*, *Tiarinia* Griffin & Tranter, 1986a: 281, figs 104, 105b, 111a, 111d-e.

P34692 PARATYPE, anchorage off Atjatuning, west coast of Irian Jaya, Indonesia, 03°06'S 132°06'E, mud, trawl, dredge, tow-net, reef exploration, 57 m, *Siboga* Expedition, 23-25 August 1899, Station 169, [donated by Zoological Museum, Amsterdam].

P34693 PARATYPE, No data, [donated by Zoological Museum, Amsterdam].

*ambonensis*, *Hyastenus* Griffin & Tranter, 1986a: 125, fig. 39d-f.

P34609 PARATYPE, female, Ambon Bay, Ambon, Indonesia, [03°41'S 128°01'E], stones, sand,
dredged, 90 m, Danish Kei Islands Expedition, 3 March 1922, [donated by Zoological Museum, Amsterdam].

angulatus, Oncinopus Haswell, 1880a: 433.

G5092 POSSIBLE SYNTYPES, 3 dry specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as types (A.R. McCulloch, 1905)].

annandalii, Potamiscus Alcock, 1909: 246.

P2725 SYNTYPE, dry specimen, Nemotha, Cachar, India, J. Wood-Mason, [donated by the Indian Museum].

annulipes, Thalamita Stephenson & Hudson, 1957: 326, figs 2d, 3d, pl. 1 fig. 2, pls 7b, 9a.

P12853 SYNTYPE, dry specimen, type locality, [donated by the Indian Museum].

antelmei, Actumnus Ward, 1942: 43, pI. 3 figs 3-4.

P39494 HOLOTYPE, male, dry specimen, Port Louis, Mauritius, [20°10'S 57°30'E], dead coral, G. Antelme.

atromanus, Xanthodes Haswell, 1881c: 542.

G5541 SYNTYPE, dry specimen, no data, Old Collection, [no locality specified in original description].

australe, Hymenosoma Haswell, 1882c: 754.

P15398 SYNTYPES, 2 dry specimens, Williamstown, Port Phillip, Victoria, Australia, [37°53'S 144°54'E], W.A. Haswell Collection.

australiensis, Dromia Haswell, 1882c: 755.

P3050 SYNTYPE, Port Denison, Queensland, Australia, [20°03'S 148°15'E], W.A. Haswell on HMS Alert, Old Collection.

P3052 POSSIBLE SYNTYPE, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection.

australiensis, Prolybia Ward, 1933: 386, pl. 21 figs 3-4.

P10634 HOLOTYPE, female, Bottle and Glass Rocks, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], bryozoans on the under surface of large boulder, below tide mark, M. Ward, 1 April 1928.

australis, Dromidia Rathbun, 1923: 147, pls 39-40, fig. 1.

E3165 HOLOTYPE, ovigerous female, 96-128 km west of Eucla, Western Australia, 146-183 m, FIS Endeavour Expedition, 1909-1914, [dubious locality].

P6200 PARATYPE, immature female, 96-128 km west of Eucla, West Australia, 109-146 m, FIS Endeavour, March 1912, [dubious locality].
australis, Huenia Griffin & Tranter, 1986a: 73, figs 20, 22f, 25c-d, 25h.

P4479 PARATYPE, dry specimen, Port Arthur, Tasmania, Australia, [43°09'S 147°51'E], E. Mawle.
P6044 PARATYPE, same data as P4479.
P23814 PARATYPE, Carnac Island, off Cape le Grande, Western Australia, [34°02'S 122°14'E], 15 m, A. Kuiter, 20 March 1978.

australis, Leptopisa Griffin & Tranter, 1986a: 272, figs 100, 107e, 112g-h.
P34681 PARATYPE, anchorage off Pulu Sarassa, Postillon Island, Flores Island, Indonesia, 06°45'S 118°50'E, coral, 36 m, Siboga Expedition, 4 April 1899, Station 43, [donated by Zoological Museum, Amsterdam].
P34682 PARATYPES, 2 specimens, anchorage east of Sailsus Besar, Paternoster Island, Flores Sea, Indonesia, 07°30'S 117°30'E, coral and Lithothamnion, dredged, 36 m, Siboga Expedition, 17-18 February 1900, Station 315, [donated by Zoological Museum, Amsterdam].

australis, Myra Haswell, 1879c: 50, pl. 5 fig. 3.
P40828 SYNTYPES, 1 female, 3 males, dry specimens, Darnley Island, Queensland, Australia, [09°35'S 143°46'E], [on permanent loan from the Macleay Museum, University of Sydney].
P40829 SYNTYPES, 4 males, dry specimens, Palm Islands, Queensland, Australia, [18°40'S 146°33'E], [on permanent loan from the Macleay Museum, University of Sydney].
P40830 SYNTYPE, male, dry specimen, Cape Grenville, Queensland, Australia, [11°58'S 143°14'E], [on permanent loan from the Macleay Museum, University of Sydney].

australis, Pilumnus Whitelegge, 1900: 152, pl. 35 figs 1-4.

G2350 LECTOTYPE, dry specimen, 13-8 km off Port Kembla, New South Wales, Australia, [34°30'S 151°03'E], mud and pebbles, 137-115 m, E.R. Waite on HMCS Thetis, 18 March 1898, Station 49, [designated by Griffin, 1972: 81].
G2351 PARALECTOTYPES, 4 specimens, 8-9.5 km off Coogee, New South Wales, Australia, [33°57'S 151°21.5'E], fine sand, 90-91 m, E.R. Waite on HMCS Thetis, 15 March 1898, Station 44, [designated by Griffin, 1972: 81].

banfieldi, Zewa Mc Culloch, 1913: 332, pl. 10 figs 5-6.
P2562 HOLOTYPE, dry specimen, Dunk Island, Queensland, Australia, [17°57'S 146°09'E], E.J. Banfield, January 1911.

bowenensis, Xanho Rathbun, 1923: 103, pl. 20.
E3097 HOLOTYPE, male, 11 km north-north-east of Bowen, Queensland, Australia, [19°55'S 148°17'E], 29 m, FIS Endeavour Expedition, 3 August 1910.

brevicesp., Achaesus Haswell, 1880a: 433.
G5091 PROBABLE SYNTYPES, 1 male, 1 female, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [assumed to be syntypes by Griffin & Yaldwyn, 1965: 44; specimens not located, March 1993].
brevicristatum, Sesarma Campbell, 1967: 12, figs 1d, 2d, pl. 4.
P15347 PARATYPES, 2 males, Flying Fish Point Road, between Townsville and Innisfail, Queensland, Australia, [17°30'S 146°05'E], W. MacNae, 13 March 1962.
brevimana, Manella Ward, 1933: 387, pl. 21 figs 7-8.
P10636 HOLOTYPE, male, North West Island, Capricorn Group, Queensland, Australia, [23°18'S 151°22'E], under coral in pool, M. Ward, December 1929.
brevipes, Melia? Haswell, 1881c: 545.
P221 SYNTYPES, 5 specimens, Griffiths Point, Victoria, Australia, [38°32'S 145°22'E], W.A. Haswell, Old Collection.
P718 SYNTYPE, type locality, [specimen not located, March 1993].
P2971 SYNTYPE, dry specimen, type locality, [specimen not located, March 1993].
brevirostris, Stenorhynchus Haswell, 1879a: 408.
P163 PROBABLE LECTOTYPE, male, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], 9-15 m, Old Collection, [labelled as type (A.R. McCulloch, 1908); assumed syntype, designated as lectotype by Griffin & Yaldwyn, 1965: 46].
MM PARALECTOTYPE, dry specimen, type locality, Old Collection, [designated by Griffin & Yaldwyn, 1965: 46; sighted at the Macleay Museum, University of Sydney, by RTS, 1989].
briggsi, Parathelphusa Rathbun, 1926: 181, pl. 16.

P8488  HoLOTYPE, male, headwaters of Wakip River, New Guinea, E.A. Briggs, 1924.

campbelli, Hyastenus Griffin & Tranter, 1986a: 134, figs 43, 46b, 47h-j.

P29906 HoLOTYPE, male, south-east corner, Gulf of Carpentaria, Queensland, Australia, 22 m, D.F. McMichael and J.C Yaldwyn, CSIRO Gulf of Carpentaria Prawn Survey, 13 August 1963, Station 51.

P170  PARATYPE, Port Denison, Queensland, Australia, [20°03’S 148°15’E].

P1960  PARATYPE, Gatcombe Head, Port Curtis, Queensland, Australia, [23°53’S 151°22’E], 11 m, A.R. McCulloch, January 1909.

P3150  PARATYPE, Port Curtis, Queensland, Australia, [23°55’S 151°23’E], 7 m, A.R. McCulloch and E.L. Troughton, August 1912.

P10022 PARATYPE, Ninety Mile Beach, between Broome and Wallal, Western Australia, [19°47’S 120°35’E], dredged, 12 m, R. Bourne, January 1930.

P10194 PARATYPE, Broome, Western Australia, [17°58’S 122°14’E], dredged, R. Bourne.

P10240 PARATYPES, 2 specimens, same locality as P10194, H.L. Clark, June 1932.

P11906 PARATYPES, 3 specimens, mouth of Mary River, Great Sandy Straight, Queensland, Australia, [25°24’S 152°58’E], 4 m, J.S. Hynd, 6 June 1946.

P12953 PARATYPE, Repulse Bay, Queensland, Australia, [20°35’S 148°45’E], trawled, 14 m, A.A. Racek, October 1954.

P13879 PARATYPES, 2 specimens, entrance to Port Darwin, Northern Territory, Australia, [12°27’S 130°48’E], intertidal on rocky shore, A.A. Livingstone, 6 October 1929.

P13884 PARATYPE, near entrance to Roebuck Bay, Western Australia, [18°03’S 122°13’E], Lithothamnion reef, 9-14 m, A.A. Livingstone, 26 September 1929.

P13885 PARATYPE, between Cape Bossutt and Broome, Western Australia, [18°10’S 122°00’E], dredged, 9 m, A.A. Livingstone, 11 September 1929.

P15236 PARATYPES, 21 specimens, Albany Passage, Queensland, Australia, [10°44’S 142°39’E], M. Ward, August-September 1928.

P18545 PARATYPE, off Bundaberg, Queensland, Australia, [24°50’S 152°21’E], 14-45 m, A. Carter, December 1963.

P18562 PARATYPE, female, south-east corner, Gulf of Carpentaria, Queensland, Australia, 17°18.7’S 139°37.8’E, 4 m, CSIRO Gulf of Carpentaria Prawn Survey, RV Roma, 8 December 1963, Station 449.

P18570 PARATYPE, male, south-east corner, Gulf of Carpentaria, Queensland, Australia, CSIRO Gulf of Carpentaria Prawn Survey.

P18593 PARATYPE, male, south-east corner, Gulf of Carpentaria, Queensland, Australia, 16°57.3’S 139°40.4’E, 12 m, CSIRO Gulf of Carpentaria Prawn Survey, 13 August 1963, Station 51.

P19105 PARATYPE, Black Island, near Langford Reef, Whitsunday Group, Queensland, Australia, [20°05’S 148°54’E], shallow water, N. Coleman, November 1969.

P20477 PARATYPES, 2 specimens, Great Keppel Island, Queensland, Australia, [23°10’S 150°58’E], sand and rubble, 8 m, N. Coleman, 22 September 1974.

P29903 PARATYPES, 4 specimens, Gillett Cay, Swain Reefs, Queensland, Australia, [22°05’S 152°30’E], dredged, 54-72 m, Australian Museum Swain Reefs Expedition, October 1962.

P29904 PARATYPES, 12 specimens, off Gatcombe Head, Port Curtis, Queensland, Australia, [23°53’S 151°22’E], dredged, 16-21 m, M. Ward and W. Boardman, July 1929.

P29905 PARATYPES, 3 males, 3 non-ovigerous females, 1 ovigerous female, south-east corner, Gulf of Carpentaria, Queensland, Australia, 22 m, D.F. McMichael and J.C Yaldwyn, CSIRO Gulf of Carpentaria Prawn Survey, December 1963.

P29907 PARATYPE, Chunda Bay, south of Townsville, Queensland, Australia, [19°17’S 147°03’E], prawn trawl, 9 m, C. Wilson, April 1967.

P29908 PARATYPES, 15 specimens, same locality as P29904, dredged, 16-22 m, M. Ward, December 1929.

P29909 PARATYPES, 2 specimens, 2.5 km north-west of Keppel Island, Queensland, Australia, [23°08’S 150°56’E], 12-20 m, W.F. Ponder and T. Nielson, 4 July 1969.

P29910 PARATYPE, Curtis Island, Northwest Channel, Queensland, Australia, [23°38’S 151°10’E], dredged, 5.4 m, M. Ward, 1928.

capricornensis, Actaea Ward, 1933: 384, pl. 22 figs 1-2.

P10630 HOLOTYPE, male, North West Island, Capricorn Group, Queensland, Australia, [23°18’S 151°42’E], from living coral in deep water, outside reef, M. Ward, November 1927.

capricornensis, Austrolibinia Griffin & Tranter, 1986a: 109, fig. 33a-b-g-h.

P10056 HOLOTYPE, 20 km north-west of North West Islet, Capricorn Group, Queensland,
Australia, [23°30'S 152°00'E], dredged on shoal, 14 m, A.A. Livingstone and W. Boardman, January 1931.

P10044 PARATYPES, 1 male, 1 female, North West Islet, Capricorn Group, Queensland, Australia, [23°30'S 152°00'E], 16 m, A.A. Livingstone and W. Boardman, December 1930-January 1931.

carinata, Rochinia Griffin & Tranter, 1986a: 178, figs 56, 64e-f, pl. 12.

P34651 PARATYPES, 2 specimens, Kai Island, Indonesia, [05°29'S 132°37'E], trawled, mud, 290 m, Danish Kei Island Expedition, 12 May 1922, Station 58, [donated by Zoological Museum, Copenhagen, 1983].

carinatus, Cycloxanthus? Baker, 1907: 173, pt 23 fig. 1.

P10 SYNTYPE, male, Port Lincoln, South Australia, [34°44'S 135°52'E], W.A. Baker, [specimen not located, March 1993].

cheverti, Leucosia Haswell, 1879c: 47, pt 5 fig. 2.

P36759 NEOTYPE, near John Brewer Reef, Queensland, Australia, [18°40'S 146°55'E], coarse sand, forams, shell debris, rubble, 41 m, R.A. Birtles and P.W. Arnold, 14 January 1982, 8A Station 954, [designated by Arnold & George, 1987: 211].

concors, Pilodius Clark & Galil, 1993: 1129, figs 3a-g, 32a, 40c.

P12306 PARATYPE, male, Hock Reef, east of Hayman Island, Queensland, Australia, [11°45'S 143°57'E], F.A. McNeill & J.K. Howard, May 1953.

contrarius, Pilumnus Rathbun, 1923: 113, pl. 23.

E3155 HOLOTYPE, male, 19 km north-north-east of Bowen, Queensland, Australia, [19°52'S 148°19'E], 35-46 m, FIS Endeavour Expedition, 1909-1914.

convexus, Chasmagnathus Haswell, 1881c: 550.

P11387 SYNTYPES, 2 dry females, Shoalhaven River, New South Wales, Australia, [35°02'S 149°43'E], Old Collection. coppingeri, Paramithrax Haswell, 1882c: 750.

G5112 POSSIBLE SYNTYPE, dry specimen, Port Moele, Queensland, Australia, [20°16'S 148°51'E], Old Collection, [labelled as type (A.R. McCulloch, 1905)].

costatus, Acanthophrys Griffin & Tranter, 1986a: 106, figs 31, 32a-b.

P29920 HOLOTYPE, male, between Comet Hole and reef, Lord Howe Island, Australia, [31°33'S 159°05'E], red and brown algae with some corals, 2-3 m, J.K. Lowry, 10 May 1977.

P29919 PARATYPE, male, type locality.

cracenitis, Hyastenus Griffin & Tranter, 1986a: 138, figs 44, 47c-d.

P34622 PARATYPE, on telegraph cable, north coast of Sumatra, Indonesia, [06°00'N 097°00'E], [donated by Zoological Museum, Amsterdam].

crassimanus, Utica Haswell, 1881c: 549.

P295 POSSIBLE SYNTYPE, dry specimen, Holborn Island, off Port Denison, Queensland, Australia, [19°44'S 148°22'E], Old Collection, [labelled as type (A.R. McCulloch, 1905)].

P11386 POSSIBLE SYNTYPE, dry specimen, type locality, Old Collection, [labelled as co-type (F.A. McNeill, 1941)].

crassimanus, Gonatonotus Haswell, 1880a: 455, pl. 26 fig. 4.

G5172 PROBABLE SYNTYPE, dry specimen, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [invalid designation of holotype status by Griffin, 1972: 74].

crenulatus, Cryptocnemus Grant & McCulloch, 1906: 24, pl. 2 figs 2, 2a.

G5622 SYNTYPES, 3 dry specimens, Masthead Island, Queensland, Australia, [23°32'S 151°44'E], 31 m, F.E. Grant, 1906.

curtipes, Caphyra Stephenson & Rees, 1968a: 287, pl. 43a fig. 1a-d.

P15361 HOLOTYPE, Woody Head near Clarence River mouth, New South Wales, Australia, [29°22'S 153°22'E], from soft coral: Alcyonium aspiculatum Tixier-Durivault, intertidal, A.A. and C.D. Cameron, 12 November 1966.

curtispina, Micippa Haswell, 1880b: 446, pl. 25 fig. 1.

P11385 PROBABLE LECTOTYPE, dry specimen, Port
Digitalis, Pilumnus Ruthbun, 1923: 112, pl. 22.

E6486 Holotype, male, south 29° east of Pine Peak, Queensland, Australia, Commonwealth Fisheries Bureau, FIS Endeavour Expedition, 1 August 1910.

darnleysensis, Myra Haswell, 1879c: 52, pl. 5 fig. 4.

P40831 Syntypes, 3 males, dry specimens, Darnley Island, Queensland, Australia, [09°35'S 143°46'E], Chevert Expedition, [on permanent loan from the Macleay Museum, University of Sydney].

deflexifrons, Halimus Haswell, 1880a: 435, pl. 25 fig. 2.

G5099 Possible syntypes, 3 dry specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as types (A.R. McCulloch 1905)].

P174 Possible syntypes, 4 specimens, type locality, [labelled as types (A.R. McCulloch, 1908); specimen not located, March 1993].

delli, Cymonomus Griffin & Brown, 1976: 251, figs 4-5.

P19379 Holotype, female, off Sydney, New South Wales, Australia, [33°51-45'S 151°51-55'E], 686 m, FRV Kapala, 19 October 1972, K72-06-03, [published depth: 625 m].

dentata, Ilyoplax Ward, 1933: 391, pl. 22 figs 5-6.

P10638 Holotype, male, Port Curtis, Queensland, Australia, [23°55'S 151°23'E], mud flats, M. Ward, December 1929, [published collection date: June 1929].

depressus, Leptomithrax Richer de Forges, 1993: 17, fig. 7a-c.

P39425 Holotype, male, Gascoyne Seamount, Tasman Sea, 36°43.11'S 156°13.03'E, coral and sand with many large invertebrates, 1.2 m sld, 143 m, J.K. Lowry et al. on ORV Franklin, 1 May 1989, FR0589-4, [published longitude: 156°E].

P40742 Paratypes, 1 female, 1 ovigerous females, type locality.

Digitalis, Pilumnus Rathbun, 1923: 112, pl. 22.

edwardsii, Sesarma De Man, 1888: 185, figs 1-4.

P3174 Syntype, Mergui Archipelago, Andaman Sea, [12°00'N 98°00'E], [donated by the British Museum (Natural History)].

elatus, Hyastenus Griffin & Tranter, 1986a: 141, figs 45, 46a, 47e-g.

P29917 Holotype, male, Nelsons Beach, Sydney Harbour, New South Wales, Australia, [33°53'S 151°13'E], on rocks at low tide, H. Hughes, November 1975.

G1140 Paratype, Port Jackson, New South Wales, Australia, [33°52'S 151°13'E], dredged, Dr Ramsay, April 1894.

G1223 Paratype, same locality as G1140, J.C. Cox, February 1895.

G4147 Paratype, same locality as G1140, J. Abbott, March 1903.

G4148 Paratype, same locality as G1140, J.M. Donaldson, March 1903.

G5019 Paratype, Lane Cove, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], W.V. Thomas, February 1905.

G5074 Paratype, same locality as G1140, April 1905.

G5592 Paratype, Lake Macquarie, New South Wales, Australia, [33°05'S 151°35'E], P.F. Newman, May 1906.

P141 Paratype, Sydney, New South Wales, Australia, [33°52'S 151°13'E], R.H. Paul.

P142 Paratype, Middle Harbour, Sydney, New South Wales, Australia, [33°45'S 151°11'E], A. Robinson.

P147 Paratype, same locality as P141, W. Emmott.

P179 Paratypes, 14 specimens, same data as G1140.

P1100 Paratype, off Botany Bay, New South Wales, Australia, [32°02.5'S 151°12'E], 1.6 km offshore, sand to rock, 42-37 m, E.R. Waite on HMCS Thetis, 11 March 1898, Station 36.

P1352 Paratype, same data as G1140, Goldie.

P1353 Paratype, same data as G1140.

P1354 Paratype, same data as G1140.

P1356 Paratype, same data as G1140.

P1358 Paratype, same data as G1140.

P1359 Paratype, same data as G1140.

P1360 Paratype, same data as G1140.

P1361 Paratype, same data as G1140.

P1362 Paratype, same data as G1140.

P1476 Paratype, same locality as G1140, J.C. Cox.

P1477 Paratype, same locality as G1140, J.C. Cox.

P1478 Paratype, same locality as G1140, J.C. Cox.

P1939 Paratype, Gatcombe Head, Port Curtis, Queensland, Australia, [23°53'S 151°22'E], 11 m,
A.R. McCulloch, January 1909.
P1961 PARATYPES, 3 specimens, same data as P1959.
P2118 PARATYPES, 2 specimens, Cockatoo Island, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], F. Abbott.
P2119 PARATYPE, same data as P2118.
P3073 PARATYPE, same locality as P2118, E. McHugh.
P4165 PARATYPE, no data, J. Cleland.
P4725 PARATYPE, same locality as G1140, D.G. Stead.
P4851 PARATYPES, 4 specimens, Port Stephens, New South Wales, Australia, [32°42'S 152°06'E], dredged, E.A. Briggs, 1920.
P4852 PARATYPE, same data as P4851.
P4853 PARATYPE, same data as P4851.
P4855 PARATYPE, same data as P4851.
P4856 PARATYPES, 2 specimens, same data as P4851.
P4875 PARATYPE, Nelsons Bay, Port Stephens, New South Wales, Australia, [32°42'S 152°06'E], E.A. Briggs.
P5176 PARATYPE, Parramatta River, New South Wales, Australia, [33°50'S 151°05'E], in fish trap at entrance of Tarban Creek, W. Kranz-Fryer.
P5339 PARATYPE, Parramatta River, New South Wales, Australia, [33°50'S 151°05'E], J. Robinson.
P5748 PARATYPE, Georges River, New South Wales, Australia, [33°58'S 150°59'E], E.A. Talbot.
P6746 PARATYPE, same locality as G1140.
P6918 PARATYPE, Parramatta River, near Hunters Hill, New South Wales, Australia, [33°50'S 151°05'E], G.D. Blaxland, January 1924.
P9268 PARATYPE, Lavender Bay Wharf, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], wharf pile, A.J. Allan, 19 November 1928.
P9917 PARATYPES, 3 specimens, off Ninety Mile Beach between Broome and Wallall, Western Australia, [19°47'S 120°35'E], 14 m, R. Bourne, January 1930.
P10261 PARATYPE, Broome, Western Australia, [17°58'S 122°14'E], H.L. Clark, June 1932, [per E.W. Bennett].
P10262 PARATYPE, same data as P10261.
P10263 PARATYPE, same data as P10261.
P10264 PARATYPE, same data as P10261.
P10456 PARATYPE, Walsh Bay Wharf, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], N. White, 28 January 1934.
P11348 PARATYPE, 0.8 km north of Horn Island, Queensland, Australia, [10°37'S 142°17'E], 9 m, J.A. Briggs.
P12982 PARATYPE, between Hayman Island and Eshelby Island, Cumberland Group, Queensland, Australia, [20°03'S 148°53'E], Otter trawl, 36-45 m, K. De Witte on MV Challenge, 14 September 1957.
P13880 PARATYPES, 2 specimens, north-west channel, Curtis Island, Queensland, Australia, [23°33'S 151°00'E], dredged, 5-7 m, M. Ward.
P13881 PARATYPES, 2 specimens, coast north of Perth, Western Australia, [31°40'S 115°30'E], K. Godfrey, CSIRO, on MV Lancelin, September-February 1955-56.
P13882 PARATYPE, Lindeman Island, Queensland, Australia, [20°27'S 149°02'E], dredged, M. Ward, December 1928.
P13886 PARATYPES, 2 specimens, 8 km off Ninety Mile Beach between Cape Jaubert and Wallall, Western Australia, [19°20'S 121°15'E], dredged, 9 m, A.A. Livingstone, September 1929.
P13887 PARATYPE, off Cape Bossutt, Western Australia, [18°44'S 121°36'E], dredged, 7 m, A.A. Livingstone, 9 September 1929.
P14018 PARATYPES, 2 specimens, Gillett Cay, Swain Reefs, Queensland, Australia, [22°05'S 152°30'E], dredged, 64-72 m, Australian Museum Swain Reefs Expedition, October 1962, Station 6.
P16545 PARATYPE, Emu Park, Yeppoon, Queensland, Australia, [23°08'S 150°44'E], trawl, 14-18 m, K. McDougall, May-July, 1966.
P16561 PARATYPE, Moreton Bay, Queensland, Australia, [27°25'S 153°20'E], dredged, L. Juesue, 17 August 1966.
P16676 PARATYPE, Horseshoe Bay, Magnetic Island, Queensland, Australia, [19°08'S 146°50'E], prawn trawl 12.5-22 m, C. Wilson, April 1967.
P16677 PARATYPE, ovigerous female, Chunda Bay, north of Townsville, Queensland, Australia, [19°17'S 147°03'E], trawl, 9 m, C. Wilson, April 1967.
P17404 PARATYPE, Shark Bay, Western Australia, [25°25'S 113°35'E], N. Ruello, 1969.
P17444 PARATYPES, 2 specimens, 2.4 km north-west of Great Keppel Island, Queensland, Australia, [23°09'S 150°56'E], 13-20 m, W.F. Ponder and T. Nielsen, 4 July 1969.
P18516 PARATYPE, Minnie Waters, Grafton, New South Wales, Australia, [29°47'S 153°18'E], intertidal, G. Biddle, February 1964.
P18563 PARATYPES, 6 specimens, south-east corner, Gulf of Carpentaria, Queensland, Australia, 17°24.5'S 139°42'E, 5 m, CSIRO Gulf of Carpentaria Prawn Survey, RV Roma, 10 January 1964, Station 547.
P18568 PARATYPES, 2 specimens, south-east corner, Gulf of Carpentaria, Queensland, Australia, 17°26.2'S 139°59.5'E, 7 m, CSIRO Gulf of Carpentaria Prawn Survey, RV Roma, 9 August 1963, Station 39.
P18569 PARATYPE, south-east corner, Gulf of Carpentaria, Queensland, Australia, 17°22.7'S 139°40.4'E, 5 m, CSIRO Gulf of Carpentaria Prawn Survey, RV Roma, 20 August 1963, Station 76.
P18571 PARATYPE, male, south-east corner, Gulf of Carpentaria, Queensland, Australia, 16°24.8'S 140°58'E, 12 m, CSIRO Gulf of Carpentaria...
Prawn Survey, 24 August 1963, Station 96.
P18572 PARATYPES, 2 male, 2 females, south-east corner, Gulf of Carpentaria, Queensland, Australia, [16°24.8'S 140°58'E], 22 m, J.C. Yaldwyn and D.F. McMichael, CSIRO Gulf of Carpentaria Prawn Survey, 1963.
P18574 PARATYPE, male, south-east corner, Gulf of Carpentaria, Queensland, Australia, 16°52.5'S 140°34.7'E, 18 m, CSIRO Gulf of Carpentaria Prawn Survey, 16 August 1963, Station 60.
P18591 PARATYPE, male, off Karumba, south-east corner, Gulf of Carpentaria, Queensland, Australia, [17°29'S 140°50'E], hollows in massive sponge, 26 m, CSIRO Gulf of Carpentaria Prawn Survey, J.C. Yaldwyn and D.F. McMichael, December 1963.
P18844 PARATYPES, 4 specimens, 48 km south of Carnarvon, Western Australia, [24°53'S 113°40'E], sandy mud with Posidonida and Cymadoidea banks, 14-18 m, N. Coleman, 3 June 1972.
P29911 PARATYPES, 9 males, 8 females, off Gatcombe Head, Port Curtis, Queensland, Australia, [23°53'S 151°22'E], dredged, 16-21 m, M. Ward and W. Boardman, July 1929.
P29912 PARATYPE, Albany Passage, Torres Strait, Queensland, Australia, [10°23'S 142°02'E], M. Ward, August-September 1928.
P29913 PARATYPE, sandbank off Bohle River, Townsville, Queensland, Australia, [19°16'S 146°49'E], M. Parker, 21-23 October 1965.
P29914 PARATYPE, between North and South Keppel Islands, Queensland, Australia, [23°04'S 150°54'E], 22-26 m, W.F. Ponder and T. Neilson, 25 July 1969.
P29915 PARATYPE, 2.4 km north-west of South Keppel Island, Queensland, Australia, [23°04'S 150°54'E], 13-20 m, W.F. Ponder and T. Neilson, 25 July 1969.
P29916 PARATYPES, 2 specimens, Nelsons Bay, Port Stephens, New South Wales, Australia, [32°43'S 152°08'E].
P29918 PARATYPE, off Fort Denison, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], C.K. Hills, 8 January 1979.

elegans, Tiarinia Haswell, 1881c: 541.

G5140 PROBABLE SYNTYPE, dry specimen, Broughton Island, New South Wales, Australia, [32°36'S 152°19'E], [invalid designation of holotype status by Griffin & Tranter, 1986a: 166].

elegans, Uca George & Jones, 1982: 22, figs 14a, 15a, 16a, 17a-b, 18a, 37a-i, 55b.

P17770 PARATYPES, 12 specimens, Beadon Creek near Onslow, North Western Australia, [21°38'S 115°07'E], near mangroves, on banks of shallow creek, in burrows on clay mud flats at high tide, Ningaloo Expedition 6 September 1968.
P17772 PARATYPES, 6 specimens, creek 3.2 km south of prawn factory, Learmonth, Exmouth Gulf, North Western Australia, [22°15'S 114°05'E], in burrows on mud flats, near shallow creek at back of mangroves, high tide mark, Ningaloo Expedition, 7 September 1968.
P19134 PARATYPES, 3 specimens, Carnarvon, Western Australia, [24°53'S 113°40'E], low tide, sandy mud flats, N. Coleman, 4 June 1972.
elongatus, Ovalipes Stephenson & Rees, 1968b: 232, figs 1e, pls 36 fig. b, 39 figs c-d, 42 fig. e.
P15387 HOLOTYPE, female, Blinkenthorpe Beach, Lord Howe Island, Australia, [31°33'S 159°05'E], rocks, I. Bennett, May 1964.
P1132 PARATYPE, juvenile female, Lord Howe Island, Australia, [31°33'S 159°05'E], on reef, A.R. McCulloch.
P10936 PARATYPE, female, dry specimen, same locality as P1132, Dr Sweet.
P15182 PARATYPE, dry specimen, same locality as P1132, washed up on Lagoon Beach, J.W. Evans, September 1966.
P15183 PARATYPE, dry specimen, same locality as P15182, carapace only.
emarginatus, Portunus Stephenson & Campbell, 1959: 107, figs 2h, 3h, pl. 2 fig. 4, pls 4h, 5h.
P13256 HOLOTYPE, dry specimen, Darnley Island, Torres Straight, Queensland, Australia, [09°35'S 143°46'E], [on permanent loan from the Macleay Museum, University of Sydney].
endeavourii, Ephippias Rathbun, 1918a: 9, pl. 15.
E3129 HOLOTYPE, male, south of Kangaroo Island, Investigator Strait, South Australia, [36°05'S 137°00'E], FIS Endeavour Expedition, 1909-1914.
etheridgei, Pilumnus Rathbun, 1923: 117, pl. 26.
E6490 HOLOTYPE, male, 16 km north of Circular Head, Tasmania, Australia, [40°42'S 145°18'E], FIS Endeavour Expedition, 1909-1914, [legs from holotype and paratype mixed together].
P39944 PARATYPE, male, type locality, [re-registered from E6490].
ervyseroche, Acanthonyx Griffin & Tranter, 1986a: 66, figs 17, 18a-b, pl. 7.
P29842 HOLOTYPE, male, Warrora, south of Northwest Cape, Western Australia, [23°29'S 113°48'E], shore reef, low tide on algal covered limestone, N. Coleman, 28 June 1972.
P19418 PARATYPE, type locality, low tide under stones.
fissifrons, Stenorhynchus Haswell, 1879a: 409.

PI9419 PARATYPES, 2 specimens, type locality, low tide, algae.
P29843 PARATYPES, 16 specimens, type locality.

foliatus, Sargassocarcinus Ward, 1936: 9, pl. 3 figs 4-6.
P16297 SYNTYPE, female, dry specimen, Seaforth Reef, near Lindeman Island, Whitsunday Group, Queensland, Australia, [20°27'S 149°02'E], M. Ward, June 1935.

fourmanoiri, Neosarmatium Serène, 1973: 126, pl. 3a-c.
P144 PARATYPE, Cooktown, Queensland, Australia, [15°28'S 145°15'E], E. Olive, March 1908.
P2998 PARATYPE, same data as P144.

franklini, Kimbla Richer de Forges, 1993: 18, fig. 8a-c.
P39427 HOLOTYPE, male, Taupo Seamount, Tasman Sea, 33°14.57'S 156°09.59'E, very rough marl bottom, 1.2 m sld, 131 m, J.K. Lowry et al. on ORV Franklin, 1 May 1989, FR0589-6.
P39428 PARATYPE, male, Taupo Seamount, Tasman Sea, 33°14.21'S 156°10.68'E, very rough marl bottom, 1.2 m sld, 133 m, J.K. Lowry et al on ORV Franklin, 2 May 1989, FR0589-7.
P40743 PARATYPES, 2 males, type locality.
P40744 PARATYPE, male, Taupo Seamount, Tasman Sea, 33°16.85'S 156°09.15'E, limestone and sand, 244 m, J.K. Lowry et al. on ORV Franklin, 2 May 1989, FR0589-8.

fuloni, Hyastenus Grant, 1905: 313, pl. 11 fig. 1.

G5427 HOLOTYPE, male, 43 km east of Port Jackson, New South Wales, Australia, [33°49'S 151°45'E], 457-550 m, W.F. Petterd, March 1905.

fulva, Caphyra Stephenson & Campbell, 1960: 104, figs 1j, 2l, 3i, pl. 4 fig. 2, pl. 5i.
P13478 HOLOTYPE, male, Heron Island, Capricorn Group, Queensland, Australia, [23°27'S 151°55'E], in fawn coloured Xenia-like Alcyonaria, W. Stephenson and N. Heather, 7 January 1959.
P13472 PARATYPE, type locality.

gageii, Parathelphusa Alcock, 1909: 251.
P2669 SYNTYPE, dry specimen, Sureil, Kurseong, India, [26°53'N 88°17'E], A. Alcock, [donated by the Indian Museum].
P2670 SYNTYPE, type locality.

galatheae, Achaeus Griffin, 1970a: 102, figs 3a, 4, 13a,d.
P17516 PARATYPES, 1 male, 1 female, southern Coral Sea, Queensland, Australia, 26°33'S 153°31'E, gravel, 86 m, Galathea Expedition, 5 November 1951, D100, Station 539.

garthi, Tiarinia Griffin & Tranter, 1986a: 287, figs 107a, 108, 112c-d.
P13969 HOLOTYPE, male, entrance Point, Broome, Western Australia, [17°58'S 122°14'E], intertidal, rocky reef shore, A.A. Livingstone, August 1929.
P24834 PARATYPE, male, type locality.
P29877 PARATYPES, 3 females, type locality.

glaberrimus, Pilumnus Haswell, 1881c: 544.
P210 POSSIBLE SYNTYPES, 2 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as types (A.R. McCulloch, 1908)].
P735 POSSIBLE SYNTYPES, 2 dry specimens, type locality, Old Collection, [labelled as types (A.R. McCulloch, 1908)].
P2263 POSSIBLE SYNTYPES, 6 specimens, type locality, Old Collection.

glabra, Dorippe Manning, 1993: 1, fig. 1.
P13363 HOLOTYPE, ovigerous female, Chambers Bay, Northern Territory, Australia, [12°13'S 131°35'E], otter trawl, 38 m, A.A. Racek on FV Paxie, 7 November 1959.

globifer, Leptomithrax Rathbun, 1918a: 23, pls 10-11.
P3533 HOLOTYPE, male, off Cape Gloucester, Queensland, Australia, [20°04'S 148°27'E], Commonwealth Fisheries Bureau, 2 August 1910, haul 1, [published type locality: "Southern Australia"], Rathbun (1918a: 23) noted: "the details of the locality and date associated with this specimen are incongruous. It was almost certainly secured in southern Australian waters".

globulus, Paraetisus Ward, 1933: 383, pl. 23 fig. 7.
P10629 HOLOTYPE, off Gatcombe Head, Facing Island, Port Curtis, Queensland, Australia, [23°49'S 151°22'E], on broken shell, dredged, 18-27 m, M. Ward, June 1929.

granuliferus, Hexapus Campbell & Stephenson, 1970: 286, fig. 49.
P714 PARATYPE, male, dry specimen, Port
Jackson, New South Wales, Australia, [33°51'S 151°16'E].
P1410 PARATYPE, female, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], November 1908.

granulimanus, Heteropilumnus Ward, 1933: 385, figs 3-4.
P10633 HOLOTYPE, male, North West Island, Capricorn Group, Queensland, Australia, [23°18'S 151°22'E], M. Ward, November 1927.

granulosa, Phlyxia Haswell, 1879c: 54, pl. 6 fig. 3.
P40832 SYNTYPES, 4 dry specimens, in deep water outside Sydney Heads, New South Wales, Australia, dredged, HMS Challenger, [on permanent loan from the Macleay Museum, University of Sydney].

granulosus, Carpiodes Haswell, 1882c: 751.
P40833 LECTOTYPE, male, dry specimen, Torres Straits, Queensland, Australia, [invalid designation of holotype status by Griffin & Stanbury, 1970: 130, corrected here to lectotype; on permanent loan from the Macleay Museum, University of Sydney].

granulosus, Leptodius Haswell, 1882a: 61.
P40834 SYNTYPES, 1 male, 1 female, dry specimens, Port Denison, Queensland, Australia, [20°01'S 148°15'E], [specimens not located, March 1993].

halei, Huenia Griffin & Tranter, 1986a: 77, figs 22a-e, 22g, 25e-fj.
P34580 HOLOTYPE, Hastings, north of French Island, Western Port, Victoria, Australia, [38°16'S 145°21'E], dredged, 5-9 m, Mortensen Pacific Expedition, 5 September 1914.
G612 PARATYPE, dry specimen, Port Phillip, Victoria, Australia, [37°58'S 152°55'E], J.B. Wilson, July 1892.
G5947 PARATYPE, dry specimen, Victoria, Australia, F.E. Grant, February 1907.

P155 PARATYPES, 2 dry specimens, South Australian Coast, W.A. Baker.
hamiltoni, Eucrate McCulloch, 1908: 58, pl. 12, figs 1, 1a.
P11 SYNTYPE, Moreton Bay, Queensland, Australia, [27°25'S 153°20'E], A.R. McCulloch.

hancocki, Glyptoxanthus Garth, 1939: 15, pl. 4 fig. 1, pl. 5 figs 1a, 2a, 3a.
P24178 PARATYPES, 1 male, 1 female, Sulivan Bay, James Island, Galapagos Islands, 00°16'S 90°40'E, Velero 3, 21 January 1938, Station 796-38, [donated by J.S. Garth, Allan Hancock Foundation, 11 May 1976].

haswelli, Eucrate Campbell, 1969: 130, figs 2, 5.
P6991 HOLOTYPE, Port Denison, Queensland, Australia, [20°01'S 148°15'E], between tide marks, E.H. Rainsford.

haswelli, Lioxantho Fulton & Grant, 1906: 6, pl. 3.
P9 SYNTYPES, 3 specimens, off Rhyll, Western Port, Victoria, Australia, [38°25'S 145°20'E], J. Gabriel.

haswelli, Lissomorpha Ward, 1933: 378, pl. 21 figs 5-6a.
P10625 HOLOTYPE, female, off Gatcombe Head, Facing Island, Port Curtis, Queensland, Australia, [23°49'S 151°22'E], dredged, M. Ward, June 1929.

hirsutimanus, Metaplax Grant & McCulloch, 1906: 21, pl. 1, figs 3, 3a-b.
G5631 SYNTYPES, 3 specimens, Port Curtis, Queensland, Australia, [23°55'S 151°23'E], F.E. Grant, [specimens not located, March 1993].
hirsutimanus, Uca George & Jones, 1982: 49, figs 24c, 30b, 44a-g, 56c.
P31763 PARATYPES, 5 males, 4 females, 7.5 km from mouth, west bank Habgood River, Arnhem Land, Northern Territory, Australia, [12°37'S 135°51'E], Ceriops and Rhizophora mud bank, Crocodile Research Project, 13 October 1975.
P31765 PARATYPES, 11 males, 6 females, 5 km from mouth, west bank Habgood River, Arnhem Land, Northern Territory, Australia, [12°37'S 135°51'E], Rhizophora and Brugueira mud bank, Crocodile Research Project, 13 October 1975.
P31769 PARATYPES, 10 males, 10 females, 12.5 km from mouth, east bank Cato River, Arnhem Land,
Northern Territory, Australia, [12°15'S 136°21'E], Acanthus and Sonneratia mud bank, Crocodile Research Project, 19 October 1975.

P31773 PARATYPES, 10 males, 5 females, 20 km from mouth, west bank Goromuru River, Arnhem Land, Northern Territory, Australia, [12°30'S 136°13'E], Rhizophora and Avicennia mud bank, Crocodile Research Project, 18 October 1975.

P31774 PARATYPES, 6 males, 7 females, 10 km from mouth, east bank Ngandadu Creek, Arnhem Land, Northern Territory, Australia, [12°02'S 134°43'E], Ceriops mud bank, Crocodile Research Project, 7 September 1975.

P31775 PARATYPES, 4 males, 5 females, 5 km from mouth, east bank Ngandadu Creek, Arnhem Land, Northern Territory, Australia, [12°02'S 134°43'E], Ceriops mud bank, Crocodile Research Project, 7 September 1975.

P31778 PARATYPES, 1 male, 2 females, north bank Wurugoi Creek, Arnhem Land, Northern Territory, Australia, [11°55'S 133°51'E], Ceriops mud bank, Crocodile Research Project, 18 August 1975, Site W25.

P31779 PARATYPES, 7 males, 14.5 km from mouth at junction of Morngarrie Creek and Liverpool River, Arnhem Land, Northern Territory, Australia, [12°30'S 136°56'E], mud bank, Crocodile Research Project, 30 January 1975, Site L4.

P31780 PARATYPES, 1 male, 3 females, 5 km from mouth, north bank Dajigala Creek, Arnhem Land, Northern Territory, Australia, [12°09'S 134°49'E], tidal mud flat, D. Grace, Crocodile Research Project, 6 September 1975.

P31781 PARATYPE, female, 2 km from mouth, Andranango Creek, Melville Island, Northern Territory, Australia, [11°21'S 130°54'E], Crocodile Research Project, 21 June 1975.

P31782 PARATYPE, female, 10 km from mouth, north bank Darbiita Creek, Arnhem Land, Northern Territory, Australia, [12°11°S 134°53'E], Ceriops mud bank, D. Grace, Crocodile Research Project, 31 August 1975, Creek C.

hodgkinii, Hymenosoma Lucas, 1980: 169, figs 2e, 6h, 7i, 10b-c.

P11723 HOLOTYPE, male, Budgewoi Lake, Toukley, New South Wales, Australia, [33°14'S 151°34'E], tow net, I. Bennett, March 1947.

G1210 PARATYPE, male, Lake Macquarie, New South Wales, Australia, [33°05'S 151°35'E], E.R. Waite, November 1894, [specimen not located, March 1993].

P11260 PARATYPE, immature female, Narrabeen Lakes, New South Wales, Australia, [33°43'S 151°18'E], dredged, H.E. Smythe, 12 January 1940, [specimen not located, March 1993].

P37049 PARATYPES, 10 males, 4 ovigerous females, 2 immature females, type locality, [re-registered from P11723].

holocarinata, Caphyra Stephenson & Rees, 1968a: 289, pl. 43b.

P13726 HOLOTYPE, female, reef near Kunie, Port of Kuto, Isle of Pins, New Caledonia, [22°37'S 167°30'E], mid-tide level, E. Pope, 19 July 1960.

incisa, Charybdis Rathbun, 1923: 131, pl. 33.

E3151 HOLOTYPE, ovigerous female, off Point Inskip, Great Sandy Strait, Queensland, Australia, [25°49'S 153°03'E], 18 m, FIS Endeavour Expedition, 1909-1914.
inermis, Micippa Haswell, 1880a: 445, pl. 26 fig. 3.

G5138 SYNTYPE, dry specimen, Gloucester Passage, Queensland, [20°04'S 148°29'E], about 9 m, Old Collection.

inermis, Pilumnus Haswell, 1881c: 544.

P212 POSSIBLE SYNTYPE, female, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, (labelled as type (A.R. McCulloch, 1908); type material listed as not found in AM or MM by Griffin & Stanbury, 1970: 125).

inskipensis, Actaea Rathbun, 1923: 149, pl. 40 figs 2-3.

E6112 HOLOTYPE, female, south-south-west, of Mount Cann, Victoria, Australia, [38°15'S 148°43'E], 128-183 m, FIS Endeavour Expedition, 1909-1914.

inskipensis, Actaea Rathbun, 1923: 106, pl. 21 figs 1-3.

E3186 HOLOTYPE, male, off Point Inskip, Great Sandy Strait, Queensland, Australia, [25°49'S 153°03'E], 18 m, FIS Endeavour Expedition, 1909-1914.

insularum, Cyclograpsus Campbell & Griffin, 1966: 156, figs 2c, 7, pl. 21 fig. 4, pl. 23 fig. 8.

P5263 HOLOTYPE, male, Little Slope, Lord Howe Island, Australia, [31°33'S 159°05'E], under basalt boulders on surf beach, A.R. McCulloch, 2 March 1921.

G5880 PARATYPES, 1 male, 1 female, dry specimens, Norfolk Island, Australia, [29°05'S 168°00'E], F.E. Grant, February 1907.

P1134 PARATYPES, 2 males, Lord Howe Island, Australia, [31°33'S 159°05'E], on reef, A.R. McCulloch, October 1908.

P1644 PARATYPES, 3 females, Lord Howe Island, Australia, [31°33'S 159°05'E], HMCS Thetis, December 1908.

P1645 PARATYPES, 2 males, same data as P1644.

P5264 PARATYPES, 7 males, 2 females, type locality.

integer, Pilumnus Haswell, 1881c: 545.

P728 PROBABLE SYNTYPE, dry specimen, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, (labelled as type (A.R. McCulloch, 1908); invalid designation of holotype status by McNeill, 1929: 156).

kingstoni, Actumnus Rathbun, 1923: 126, pl. 30.

E4435 HOLOTYPE, female, 64 km west of Kingston, South Australia, [36°50'S 139°07'E], 55 m, FIS Endeavour Expedition, 1909-1914.

kullar, Homolochunia Griffin & Brown, 1976: 249, figs 1-3.

P18998 HOLOTYPE, female, off Sydney, New South Wales, Australia, 33°52-48'S 152°50-54'E, trawled, 777 m, FRV Kapala, 7 December 1972, K72-07-16.

P18085 PARATYPE, ovigerous female, off Broken Bay, New South Wales, Australia, 33°34-43'S 152°03-151°59'E, smooth bottom, prawn trawl, 567 m, FRV Kapala, 21 April 1971, K71-07-02.

P20252 PARATYPE, male, off St Vincents Pass, south-west New Caledonia, pelagic trawl (hit bottom), 880 m, J. Paxton on ORSTOM RV Coriolis, 29 April 1971, P 1-18.

laevis, Halimus Haswell, 1880a: 435.

P40835 SYNTYPE, male, dry specimen, Tasmania, [on permanent loan from the Macleay Museum, University of Sydney].

P40836 SYNTYPE, male, dry specimen, King Georges Sound, Western Australia, [35°03'S 117°58'E], [on permanent loan from the Macleay Museum, University of Sydney].

lappacea, Antilibinia Rathbun, 1918a: 12, fig. 3, pl. 7 fig. 3.

E3659 HOLOTYPE, ovigerous female, Great Australian Bight, south of Eucla, Western Australia, [33°30'S 129°06.5'E, 366-549 m, FIS Endeavour Expedition, 1909-1914.

latifrons, Macrophthalmus Haswell, 1881c: 549.

P697 PROBABLE SYNTYPE, dry specimen, Port Phillip, Victoria, Australia, [38°09'S 144°52'E], Old Collection, [labelled as type (A.R. McCulloch, 1908); invalid designation of holotype status by Griffin, 1969: 337].

latipes, Paratymolus Haswell, 1880c: 303, pl. 16 figs 3-5.

P3899 POSSIBLE SYNTYPE, dry specimen, Port Denison, Queensland, Australia, [20°03'S 148°15'E], Old Collection, [labelled as type (F.A. McNeill, 1913)].

P91 POSSIBLE SYNTYPES, 4 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection.

leichardti plana, Geothelphusa McCulloch, 1917: 236, pl. 42 fig. 5.

P4110 LECTOTYPE, Eureka Creek, Walsh River,
Queensland, Australia, [17°11'S 145°01'E], Amateur Fisheries Association, [invalid designation of holotype status by Riek, 1951(b): 353; corrected here to lectotype].

G1091 PARALECOTYPE, Cooktown, Queensland, Australia, 15°28'S 145°15'E, D. le Soef, [specimen clearly from type locality but not designated by Riek, 1951(b): 353; designated here as paralecotype].

P1954 PARALECOTYPE, same data as G1091, [specimen clearly from type locality but not designated by Riek, 1951(b): 353; designated here as paralecotype].

P4111 PARALECOTYPE, same data as P4110, [invalid designation of allotype status by Riek, 1951(b): 353; corrected here to paralecotype].

P4112 PARALECOTYPE, juvenile, same data as P4110, [invalid designation of paratype status by Riek, 1951(b): 353; corrected here to paralecotype].

leslii, Leucosia Haswell, 1879c: 48, pl. 6 fig. 1.

P40837 LECTOTYPE, male, dry specimen, Darnley Island, Cumberland Group, Queensland, Australia, [09°35'S 143°46'E], Chevert Expedition, [invalid designation of holotype status by Griffin & Stanbury, 1970: 127, corrected here to lectotype; on permanent loan from the Macleay Museum, University of Sydney].

leuteanus, Jonas Ward, 1933: 379, pl. 23 fig. 8.

P10626 HOLOTYPE, male, off Lindeman Island, Cumberland Group, Queensland, Australia, [20°27'S 149°02'E], mud bank, dredged, 9-14 m, M. Ward, December 1928.

littoralis, Enigmaplax Davie, 1993: 6, figs 1a-l, 2a-b.

P20789 HOLOTYPE, male, Careel Bay, Pittwater, New South Wales, Australia, [33°37'S 151°20'E], upper Zostera, P. Hutchings, 31 October 1974.

P9211 PARATYPES, 2 ovigerous females, 1 male, Gunnamatta Bay, Port Hacking, New South Wales, Australia, [34°05'S 151°10'E], amongst weeds on tidal flats, M. Ward October 1925, [published locality: Cunnamatta Bay].

P19944 PARATYPE, ovigerous female, type locality, 30 July 1973.

P19946 PARATYPE, male, type locality, 30 July 1973.

P19948 PARATYPES, 1 male, 1 female, type locality, 10 June 1973.

P19949 PARATYPE, female, type locality, 10 June 1973.

P20185 PARATYPES, 2 males, 1 female, Towra Point, Botany Bay, New South Wales, Australia, [33°59'S 151°12'E], Zostera, P. Ikin, 1974.

P20363 PARATYPE, ovigerous female, type locality, 8 November 1973.

P20364 PARATYPE, Rileys Island, Brisbane Waters, New South Wales, Australia, [33°28'S 151°21'E], Zostera, P. Hutchings May 1973.

P20366 PARATYPES, 1 male, 1 ovigerous female, type locality, 8 November 1973.

P20370 PARATYPES, 2 males, 2 females, type locality, 8 November 1973.

P20372 PARATYPES, 2 males, 1 female, type locality, 8 November 1973.

P20373 PARATYPE, immature female, type locality, 30 July 1973.

P20764 PARATYPES, 3 ovigerous females, type locality, 8 November 1973.

P20766 PARATYPE, 2 males, type locality, 31 October 1974.

P20787 PARATYPES, 2 immature females, type locality, 31 October 1974.

P24989 PARATYPE, ovigerous female, type locality, E. Pope 16 February 1946.

livingstonei, Mictyris McNeill, 1926: 119, fig. 3, pl. 10 figs 1-2.

P5136 HOLOTYPE, South West Rocks, Trial Bay, New South Wales, Australia, [30°53'S 153°04'E], lagoon mud flats 400 m from ocean beach, A. Kinghorn, March 1921.

P4623 PARATYPE, male, type locality, lagoon mud flats below surface, J.R. Kinghorn, February 1920.

P39915 PARATYPE, 5 specimens, type locality, [re-registered from P5136].

longimanus, Micippoides Haswell, 1880a: 444, pl. 26 fig. 5.

P40838 SYNTYPE, female, dry specimen, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], [on permanent loan from the Macleay Museum, University of Sydney].

G5124 POSSIBLE SYNTYPES, 2 dry specimens, type locality, Old Collection, [labelled as types (A.R. McCulloch, 1905)].

longispina, Zebrida Haswell, 1880a: 454, pl. 27 fig. 3.

P40839 HOLOTYPE, male, dry specimen, Darnley Island, Torres Strait, Queensland, Australia, [09°35'S 143°46'E], [on permanent loan from the Macleay Museum, University of Sydney].

longispinus, Ophthalmias Griffin & Tranter, 1974: 178, figs 3d-f, 4a-b, pl. 1.

P19998 PARATYPE, male, Elat, Gulf of Aqaba, Israel, [29°33'N 34°57'E], on coral reef at night, C. Lewisohn, Israel Southern Red Sea Expedition, 20 June 1965, NS 1066.
lowry, Sphenocarcinus Richer de Forges, 1992: 2, fig. 2a-c.

P39430 HOLOTYPE, male, Britannia Seamount, western Tasman Sea, 28°17.04'S 155°36.46'E, 425 m, limestone and coarse coral sand, J.K. Lowry et al. on ORV Franklin, 10 May 1989. FR0589-46.

P39431 PARATYPES, 1 ovigerous female, 1 female, 2 juveniles, Britannia Seamount, western Tasman Sea, 28°17.47'S 158°37.89'E, 419 m, limestone and coarse coral sand, J.K. Lowry et al. on ORV Franklin, 10 May 1989. FR0589-47.

P40748 PARATYPES, 1 male, 1 female, 9 juveniles, type locality [registration number not published].

lucasi, Halicarcinus Richer de Forges, 1993: 12, fig. 2a-b.

P39429 HOLOTYPE, ovigerous female, Taupo Seamount, Tasman Sea, 33°16.85'S 156°09.15'E, limestone and sand, 1.2 m sied, 244 m, J.K. Lowry et al. on ORV Franklin, 2 May 1989. FR0589-8.

luteus, Speocarcinus McNeill, 1929: 152, figs 1-4, pl. 36.

P4489 HOLOTYPE, male, Salamander Bay, Port Stephens, New South Wales, [32°43'S 152°06'E], muddy bottom, dredged, 11 m, A.R. McCulloch, 24 September 1919.

P39940 HOLOTYPE, 2 hardwood, dry specimen, Mudshine Bay, Lord Howe Island, 18 September 1919. P20629 HOLOTYPE, male, Townsville-Cairns area, Queensland, Australia, trawled, 36 m, T. Neilson, November 1967.

P39941 PARATYPES, 2 dry specimens, Lord Howe Island, Australia, trawled, J. Booth, 1963.

P14780 PARATYPE, female, off Gladstone, Queensland, Australia, [23°51'S 151°16'E], trawled, J. Booth, 1963.

P14785 PARATYPE, male, off Cape Bowling Green, near Townsville, Queensland, Australia, [19°18'S 147°24'E], 31-32.9 m, T. Neilson, October 1964.

P14786 PARATYPE, female, type locality.

maculata, Liomera Haswell, 1882c: 752.

P40840 LECTOTYPE, male, dry specimen, Endeavour River, Queensland, Australia, [15°28'S 145°15'E], [invalid designation of holotype status by Griffin, 1970c: 207, and Griffin & Stanbury, 1970: 127, corrected here to lectotype; on permanent loan from the Macleay Museum, University of Sydney].

maculatus, Euxanthus Haswell, 1882c: 751.

P40841 LECTOTYPE, male, dry specimen, Darnley Island, Torres Strait, Queensland, Australia, [09°35'S 143°46'E], [invalid designation of holotype status by Griffin & Stanbury, 1970: 130, corrected here to lectotype; on permanent loan from the Macleay Museum, University of Sydney].

makassar, Rochinia Griffin & Tranter, 1986a: 180, fig. 57e-f.

P34656 PARATYPE, female immature, Ceram Sea, Indonesia, 03°27'S 131°00.50'E, fine, yellow-grey mud, trawled, 567 m, Siboga Expedition, 28 August 1899, Station 173, [donated by Zoological Museum, Amsterdam].


marionis vomeris, Uca McNeill, 1920: 106, fig. 4, pl. 19 figs 1-6.

P4557 LECTOTYPE, male, Trial Bay, South West Rocks, New South Wales, Australia, [30°53'S 153°04'E], lagoon mud flats, J.R. Kinghorn, [designated by George and Jones, 1982: 73; published registration number: P4559].

P4242 PARALLECTOTYPES, 34 males, Endeavour River Estuary, Cooktown, Queensland, Australia, 15°20'S 144°59'E, mud flats, A.R. McCulloch, [designated by George & Jones, 1982: 73].

P4243 PARALLECTOTYPES, 30 females, same data as P4242, [designated by George & Jones, 1982: 73].

P4244 PARALLECTOTYPES, 13 females, same data as P4242, [designated by George & Jones, 1982: 73].

P4549 PARALLECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].

P4550 PARALLECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].

P4551 PARALLECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].

P4552 PARALLECTOTYPES, 2 males, same data as P4557, [designated by George & Jones, 1982: 73].

P4553 PARALLECTOTYPES, male, same data as P4557, [designated by George & Jones, 1982: 73].

P4554 PARALLECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].

P4555 PARALLECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].

P4556 PARALLECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].

P4557 PARALLECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].

P4558 PARALLECTOTYPES, 2 males, same data as P4557, [designated by George & Jones, 1982: 73].

P4559 PARALLECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].

P4560 PARALLECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].

P4561 PARALLECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].

P4562 PARALLECTOTYPES, 2 males, same data as P4557, [designated by George & Jones, 1982: 73].

P4563 PARALLECTOTYPES, 2 males, same data as P4557, [designated by George & Jones, 1982: 73].

P4564 PARALLECTOTYPES, 7 males, same data as P4557, [designated by George & Jones, 1982: 73].

P4565 PARALLECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].

P4566 PARALLECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].

P4567 PARALLECTOTYPES, 5 males, same data as P4557, [designated by George & Jones, 1982: 73].

P4557 PARALLECTOTYPE, same data as P4557, A. Kinghorn, [designated by George & Jones, 1982: 73].

P5149 PARALLECTOTYPE, same data as P4557, A. Kinghorn, [designated by George & Jones, 1982: 73].

P5150 PARALLECTOTYPE, male, same data as P4557, A. Kinghorn, [designated by George & Jones, 1982: 73; specimen not located, March 1993].

P5151 PARALLECTOTYPE, male, same data as P4557, A. Kinghorn, [designated by George & Jones, 1982: 73].

P5152 PARALLECTOTYPE, male, same data as P4557, A. Kinghorn, [designated by George & Jones, 1982: 73].

P5153 PARALLECTOTYPE, male, same data as P4557, A. Kinghorn, [designated by George & Jones, 1982: 73].

P5154 PARALLECTOTYPE, male, same data as P4557, A. Kinghorn, [designated by George & Jones, 1982: 73].

P5155 PARALLECTOTYPE, male, same data as P4557, A. Kinghorn, [designated by George & Jones, 1982: 73].

P5156 PARALLECTOTYPES, 5 males, 8 females, same data as P4557, [designated by George & Jones, 1982: 73].

P5157 PARALLECTOTYPES, 1 male, 1 female, same data as P4557, A. Kinghorn, [designated by George & Jones, 1982: 73].

mauritiana, Lahaina Griffin & Tranter, 1986a: 161, figs 37c-d, 52c, 52f, 53.

P34644 PARATYPES, 2 specimens, north of Port Louis, Mauritius, 20°00'S 057°27'E, Sigsbee trawl, 234 m, Mortensen Java-South Africa Expedition, 6 November 1929, Station 47, [donated by Zoological Museum, Copenhagen, 1983].

mawsoni, Marestia Rathbun, 1918b: 4, fig. 1a-b.

P4064 SYNTYPE, dry specimen, off Macquarie Island, Australia, at surface, D. Mawson, Australian Antarctic Expedition, 20 May 1912.

P4065 SYNTYPE, dry specimen, same data as P4064.

meridionalis, Carcinolax Rathbun, 1923: 99, pl. 18.

E2233 HOLOTYPE, male, 28 km south-east of Rame Head, Victoria, Australia, [37°58'S 149°17'E], 139 m, FIS Endeavour Expedition, 10 May 1911.

E5159 PARATYPE, juvenile male, 32 km east of Babel Island, Tasmania, Australia, [39°57'S 148°40'E], 119-128 m, FIS Endeavour Expedition, 1909-1914.

E6487 PARATYPES, 2 specimens, south-east of Cape Everard to south of Gabo Island, Victoria, Australia, [37°50'S 149°40'E], 128-146 m, FIS Endeavour Expedition, 1909-1914.

messa, Sesarma Campbell, 1967: 10, figs 1c, 2c, pl. 3.

P15348 PARATYPES, 2 specimens, Cape Cleveland, near Townsville, Queensland, Australia, [19°11'S 147°01'E], tidal creek in mangroves, D. Fielder, 3 September 1963.

P15349 PARATYPES, 1 male, 1 female, between Innisfail and Flying Fish Point, Queensland, Australia, [17°30'S 146°05'E], W. Macnae, 13 March 1962.
mindirra, Platymaia Griffin & Tranter, 1986b: 354, figs 3-8.

P35493 HOLOTYPE, male, North West Shelf, 190 km north-west of Port Hedland, Western Australia, 18°16'S 118°12'E, Engel trawl, 300 m, J.R. Paxton on CSIRO FRV Soela, 10 April 1982, SO2/82/36.

P35494 PARATYPE, male, North West Shelf, east of Ashmore Islands, Western Australia, 11°49'S 124°17'E, 200 m, CSIRO, RV Courageous, 10 June 1979, Station 1121.

P35495 PARATYPES, 1 male, 1 female, North West Shelf, 190 km north-west of Port Hedland, Western Australia, 18°16'S 118°12'E, Engel trawl, 298-320 m, J.R. Paxton on FRV Soela, 11 April 1982, SO2/82/38.

P35496 PARATYPE, North West Shelf, Western Australia, 20°00'S 117°40'E, fish trawl, 40 m, FRV Soela, 2-15 November 1955.

P35497 PARATYPE, male, North West Shelf, 190 km north-west of Port Hedland, Western Australia, 18°16'S 118°12'E, Engel trawl, 298-320 m, J.R. Paxton on FRV Soela, 11 April 1982, SO2/82/36-37.

Mindoro, Hyastenus Griffin & Tranter, 1986a: 148, figs 49, 51e-f.

P34631 PARATYPE, Banda, Banda Sea, Indonesia, 04°33'S 129°55'E, Siboga Expedition 1899-1900, [donated by Zoological Museum, Amsterdam].

P34632 PARATYPE, same locality as P34631, 9-36 m.

P34633 PARATYPES, 1 male, 1 female, Puerto Galero, Mindoro, Philippines Islands, [13°00'N 120°30'E], 9 m, Mortensen Pacific Expedition, 1914-16, 3 February 1914, [donated by Zoological Museum, Copenhagen, 1983].

Moller, Aeneacancer Ward, 1933: 381, pl. 23 fig. 11.

P10628 HOLOTYPE, male, south of Montague Island, New South Wales, Australia, [36°15'S 150°14'E], 73 m, M. Ward, August 1929.

Mooloolah, Tiarinia Griffin & Tranter, 1986a: 291, figs 107b, 109, 112a-b.

P6377 HOLOTYPE, male, Point Cartwright, Queensland, Australia, [26°41'S 153°08'E], A.A. Livingstone, 2 August 1922.

P2573 PARATYPE, Masthead Island, Queensland, Australia, [23°32'S 151°44'E], D.B. Fry, January 1911.

P8673 PARATYPE, ovigerous female, North West Islet, Capricorn Group, Queensland, Australia, [23°18'S 151°42'E], reef, G.P. Whitley, December 1925.

P10365 PARATYPE, same locality as P8673, F.A. McNeill, December 1931.

P12192 PARATYPE, Seal Rocks, Port Curtis, Queensland, Australia, [23°58'S 151°29'E], J.S. Hynd, 26 August 1946.

P13191 PARATYPE, Heron Island, Capricorn Group, Queensland, Australia, [23°27'S 151°55'E], dead coral growths, W.K. Patton, December 1957.

P13193 PARATYPE, same data as P13191.

P29869 PARATYPE, dry specimen, same data as P8673, M. Ward, July 1929.

P29870 PARATYPES, 13 dry specimens, Nambucca Heads, New South Wales, Australia, [30°39'S 153°00'E], M. Ward.

P29871 PARATYPES, 3 dry specimens, same locality as P8673, February 1929.

P29872 PARATYPE, dry specimen, same locality as P29870, 14-24 September 1937.

P29873 PARATYPES, 2 specimens, same locality as P13191, under small coral head, 12 August 1960.

P29874 PARATYPE, Hastings Point, south of Tweed Heads, New South Wales, Australia, [28°22'S 153°35'E], on sublittoral algae, low tide, 1.5-3 m, J. Laxton, 12 June 1971.

P29875 PARATYPE, Woody Head, mouth of Clarence River, New South Wales, Australia, [29°22'S 153°22'E], intertidal, A.A. Cameron, 28 August 1965.

P29876 PARATYPE, same locality as P29875, 20 September 1986.

Morant, Pilodius Clark & Galil, 1993: 1138, figs 8a-d, 34b, 42a.

P2371 HOLOTYPE, male, Lord Howe Island, New South Wales, Australia, [31°33'S 159°05'E], P.R. Pedley, April 1910, [published place of type deposition: Queensland Museum, Australia].

P366 PARATYPE, male, type locality, Icely, 1889, [published place of type deposition: Queensland Museum, Australia].

Moratensis, Charybdis Rees & Stephenson, 1966: 37, pl. 7d.

P13081 HOLOTYPE, female, 5.6 km south of Woody Point Pier, Moreton Bay, Queensland,
Australia, [27°16'S 153°06'E], trawled, 7 m, E.M. Grant, 26 October 1952.

morebiensis, Leucosia Haswell, 1879c: 49.

P3906 SYNTYPE, dry specimen, Port Moreby, Papua New Guinea, [09°28'S 147°09'E], Old Collection.

mosaica, Pugettia Whitelegge, 1900: 141, pl. 35 figs 5-7.

P15175 LECTOTYPE, male, 9.5-13.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°12.5'S 151°13'E], coarse sand, 128-143 m, E.R. Waite on HMCS Thetis, 13 March 1898, Station 42, [designated by Griffin, 1972: 70].

G2331 PARALECTOTYPE, 3-4 km off Port Hacking, New South Wales, Australia, [34°05'S 151°15'E], mud, 91-95 m, E.R. Waite on HMCS Thetis, 13 March 1898, Station 37, [designated by Griffin, 1972: 70].

G2332 PARALECTOTYPES, 6 specimens, 4-7.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°08'S 151°14'E], soft mud, 95-130 m, E.R. Waite on HMCS Thetis, 13 March 1898, Station 41, [designated by Griffin, 1972: 70].

G2333 PARALECTOTYPE, 9-12 km off Cape Three Points, New South Wales, Australia, [33°32'S 151°32.5'E], sticky mud and shell, 75-91 m, E.R. Waite on HMCS Thetis, 25 February 1898, Station 13, [designated by Griffin, 1972: 70].

G2334 PARALECTOTYPE, 9 km off Coogee, New South Wales, Australia, [33°57'S 151°21.5'E], fine sand, 88-90 m, E.R. Waite on HMCS Thetis, 15 March 1898, Station 44, [sent on exchange to The British Museum (Natural History); designated by Griffin, 1972: 70].

G2335 PARALECTOTYPES, 5 specimens, 2-3 km off Port Hacking, New South Wales, Australia, [34°03.5'S 151°12.5'E], sandy, 40-69 m, E.R. Waite on HMCS Thetis, 10 March 1898, Station 35, [designated by Griffin, 1972: 70].

G2336 PARALECTOTYPES, 5 specimens, 3-4 km off Botany Bay, New South Wales, Australia, [34°05'S 151°15'E], mud, 91-95 m, E.R. Waite on HMCS Thetis, 11 March 1898, Station 37, [designated by Griffin, 1972: 70].

G2342 PARALECTOTYPES, 15 specimens, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], mud, 108-99 m, E.R. Waite on HMCS Thetis, 22 March 1898, Station 57, [designated by Griffin, 1972: 70].

G2344 PARALECTOTYPE, 9.5-13.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°12.5'S 151°13'E], coarse sand, 128-143 m, E.R. Waite on HMCS Thetis, 13 March 1898, Station 42, [designated by Griffin, 1972: 70].

P1400 PARALECTOTYPES, 2 dry, 5 wet specimens, off Botany, New South Wales, Australia, [34°00'S 151°19'E], 82.5 m, HMCS Thetis, [designated by Griffin, 1972: 70].

multispina, P. Junior Griffin & Tranter, 1986a: 53, fig. 12.

P34577 PARATYPE, 3.7 km north 63° west from north point of Numu Jaan, Kai Island, Indonesia, 05°36.5'S 132°55.2'E, sand, coral and shells, Blake dredge, 90 m, Siboga Expedition, 16-18 December, 1899, Station 260, [donated by Zoological Museum, Amsterdam].

P34578 PARATYPE, Madura Bay, Java, Indonesia, 07°30'S 113°30'E, sand with shells and stones, dredge and trawl, 69-91 m, Siboga Expedition, 19 April 1899, Station 51, [donated by Zoological Museum, Amsterdam].

murphyi, Pilumnus Ng, 1988: 296, fig. 1, pl. 1.

P34802 PARATYPE, female, west of Pulau Pawai, Singapore, 1°11.3'N 103°43.5'E, coral, 1.5-4 m, D.S. Johnson, 30 December 1951, [donated by the National University of Singapore, 1984].

murrayensis, Philyla Rathbun, 1923: 136, pl. 34.

E4467 HOLOTYPE, female, off Murray River mouth, South Australia, [35°34'S 138°53'E], 37 m, FIS Endeavour Expedition, 1909-1914.

neocaledonica, Kimbla Griffin & Tranter, 1986a: 207, figs 70, 93f-h.

P29841 HOLOTYPE, male, New Caledonia, 22°48.5'S 167°36.5'E, 85-100 m, large bottom dredge, J. Paxton, P. Colman on HMAS Kimbla, 08 May 1971, K4-71-4.

nigrispinifer, Pilumnus Griffin, 1970b: 327, figs 2, 3c-d, pl. 27.

P16440 HOLOTYPE, male, dry specimen, 48 km east of Bundaberg, Queensland, Australia, [24°50'S 153°00'E], dredged, 27 m, D. Hall, 1964.

P16441 PARATYPE, male, type locality.

P16442 PARATYPE, female, dry specimen, near Polmaise Reef and Rock Cod Shoal, off Port Curtis, Queensland, Australia, [23°34'S 151°41'E], 36 m, M. Ward.

norfolcensis, Eriphia Grant & McCulloch, 1907: 151, pl. 1 figs 1, 1a-b.

G5827 SYNTYPES, 3 specimens, Norfolk Island, Australia, [29°02.5'S 167°57'E], F.E. Grant.
occidentalis, Chlorinoides Griffin, 1970c: 70, figs 1b, 3, 4a, 4d-e.

P16822 PARATYPES, 3 male, 1 ovigerous female, west of Rottenest Island, Western Australia, 32°00'S 115°16'E, beam trawl, 137-143 m, CSIRO, HMAS Diamantina, 12 October 1963, Station 225, cruise 6/63.

eoctodentata, Caplyra Haswell, 1882c: 753.

MM LECTOTYPE, female, dry specimen, Palm Island, Queensland, Australia, [18°40'S 146°33'E], [invalid designation of holotype status by Griffin & Stanbury, 1970: 129, corrected here to lectotype; sighted at the Macleay Museum, University of Sydney, by RTS, 1989].

eoctodentata, Dromia Haswell, 1882c: 755.

P3051 SYNTYPE, Adelaide, South Australia, J.F. Angas, Old Collection.

orbicularis, Phylxia Haswell, 1879c: 54, pl. 6 fig. 2.

P40843 SYNTYPES, 2 males, dry specimens, Tasmania, Australia, [on permanent loan from the Macleay Museum, University of Sydney].

P40844 SYNTYPES, male, female, dry specimens, Jervis Bay, New South Wales, Australia, [35°03'S 150°44'E], [on permanent loan from the Macleay Museum, University of Sydney].

P3917 POSSIBLE SYNTYPES, 5 dry specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as types (F.A. McNeill, 1913)].

parableekeri, Pilumnus Ng & Tan, 1984: 15, fig. 2, pl. 1 figs c-d.

P34801 PARATYPE, female, Labuan, Sabah, Borneo, Malaysia, [5°20'N 115°12'E], [donated by the National University of Singapore, 1984].

paradicei, Achaeus Griffin, 1970a: 108, figs 3b, 6, 15b-c.

P7985 PARATYPE, ovigerous female, Gibson Reef, Queensland, Australia, [18°00'S 146°21'E], 51 m, W.E.J. Paradise on HMAS Geranium, 1924.

P17517 PARATYPES, 1 male, 1 female, southern Coral Sea, Queensland, Australia, [26°33'S 153°31'E], gravel, 86 m, Galathea Expedition, 5 November 1951, Station 539.

paracarus, Halicarcinus Lucas, 1970: 275, fig. 3c.e.

P15943 HOLOTYPE, ovigerous female, Cook's River near Campsie, New South Wales, Australia, [33°45'S 151°03'E], among detritus in littoral zone, J.S. Lucas, 19 February 1965.

P15944 PARATYPES, 4 male, 7 females, type locality.

P15945 PARATYPES, 2 ovigerous females, type locality.

parvispinosus, Paramithrax Ward, 1933: 392, pl. 23 fig. 4.

P10640 HOLOTYPE, female, North West Island, Capricorn Group, Queensland, Australia, [23°18'S 151°22'E], under living coral, M. Ward, May 1930.

pavo, Uca George & Jones, 1982: 25, figs 19b, 20b, 38a-i, 55c-d.

G4191 PARATYPE, Port Darwin, Northern Territory, Australia, [12°27'S 130°48'E], Christy and Godfrey.

P16801 PARATYPE, west side of Cobourg Peninsula, Northern Territory, Australia, C. White, August 1968.

P16808 PARATYPES, 2 specimens, Myilly Point, Port Darwin, Northern Territory, Australia, [12°27'S 130°50'E], between tide marks, A.A. Livingstone, 1929.

P16811 PARATYPE, Night Cliff, Port Darwin, Northern Territory, Australia, [12°27'S 130°50'E], A.A. Livingstone, 27 June 1929.

petterdi, Latreillopsis Grant, 1905: 317, pl. 10 figs 2, 2a-b.

G5425 HOLOTYPE, 44 km east of Port Jackson, New South Wales, Australia, [33°49’S 151°47'E], dredged, 457-550 m, W.F. Petterd, March 1905.

pileiferus, Pilumnus Ng & Tan, 1984: 13, fig. 1, pl. 1 figs a-b.

P34800 PARATYPE, female, off Tanah Merah Besar, Johore Straits, Singapore, 1°30'N 104°00'E, muddy sand, 18-32 m, J.R. Hendrickson, 12 June 1953, [donated by the National University of Singapore, 1984].

pilosus, Pilumnus Fulton & Grant, 1906: 7, pl. 4 figs 1-9.

G5907 SYNTYPE, Western Port, Victoria, Australia, [38°26'S 145°08'E].

planus, Cryptocnemus Ward, 1933: 377, pl. 22 fig. 7.

P10624 HOLOTYPE, male, Lady Musgrave Island, Bunker Group, Queensland, Australia, [23°50’S 152°20'E], dredge in lagoon, M. Ward, January 1927.
podocheloides, *Achaeus* Griffin, 1970a: 109, figs 7a, 8, 14c-f.

P16774 **PARATYPE,** male, north-west of Cape Naturaliste, Western Australia, 33°40′S 114°28′E, triangular metre dredge, 137 m, CSIRO, HMAS *Diamantina*, 27 August 1963, Cruise 4/63 Station 134.

P16779 **PARATYPE,** female, north-west of Carnarvon, Western Australia, 24°59′S 112°27′E, trawled, 128 m, CSIRO, HMAS *Diamantina*, 8 October 1963, Cruise 3/63 Station 197.

*polita,* *Antilibinia* Griffin & Tranter, 1986a: 70, fig. 19, pI. 8.

P34584 **PARATYPE,** male, Moro Gulf, Mindanao, Philippines, [07°25′N 123°14′E], Sigsbee Trawl, 450 m, Mortensen Pacific Expedition 1914-1916, 9 March 1914, [donated by Zoological Museum, Copenhagen, 1983, but returned in March, 1987, at the request of Dr T. Wolff].

postillonensis, *Oncinopus* Griffin & Tranter, 1986a: 36.

P34563 **PARATYPE,** south-east side of Pearl Bank, Sulu Archipelago, Philippines, [05°30′N 121°00′E], Lithothamnion, dredged, 15 m, Siboga Expedition, 27 June 1899, Station 96, [donated by Zoological Museum, Copenhagen].

profunda, *Doclea* Rathbun, 1918a: 16, pl. 7 figs 1-2.

E6279 **HOLOTYPE,** ovigerous female, Great Australian Bight, south of Eucla, Western Australia, [33°30′S 129°28′E], 457-823 m, FIS *Endeavour* Expedition, 1909-1914.

prunosus, *Pilumnus* Whitelegge, 1897: 133, pI. 6 fig. la-b.

G1380 **SYNTYPES,** 2 dry, 5 wet specimens, Funafuti, Ellice Islands, [08°30′N 179°02′E], C. Hedley, 1896.

pulcherrima, *Arcania* Haswell, 1879c: 58, pl. 6 fig. 4.

P40845 **LECTOTYPE,** dry specimen, Darnley Island, Torres Strait, Queensland, Australia, [09°35′S 143°46′E], Chevert Expedition, [invalid designation of holotype status by Griffin & Stanbury, 1970: 127, corrected here to lectotype; on permanent loan from the Macleay Museum, University of Sydney].

queenslandi, *Cryptopodia* Rathbun, 1918a: 26, pl. 12.

E3118 **HOLOTYPE,** male, 32 km north-east of Cape Gloucester, Queensland, Australia, [19°50′S 148°40′E], 64 m, FIS *Endeavour* Expedition, 2 August 1910.

raceki, *Parahelphusa* Bishop, 1963: 233, figs 1d, 2a, 4, pl. 2 fig. 1.

G4219 **HOLOTYPE,** male, Batavia River, near Mapoon Mission, Cape York, Queensland, Australia.

ramsayi, *Phylxia* Haswell, 1879c: 55.

P3916 **POSSIBLE SYNTYPE,** dry specimen, Port Jackson, New South Wales, Australia, [33°51′S 151°16′E], *Old Collection,* [labelled as type (F.A. McNeill, 1913)].

rostratum, *Hymenosoma* Haswell, 1881c: 550.

P15396 **LECTOTYPE,** male, dry specimen, Griffiths Point, Victoria, Australia, [38°32′S 145°22′E], W.A. Haswell, [designated by Lucas, 1980: 180; on permanent loan from the Macleay Museum, University of Sydney].

P15397 **PARALECTOTYPE,** dry specimen, type locality, [designated by Lucas, 1980: 180; on permanent loan from the Macleay Museum, University of Sydney].

P40846 **PARALECTOTYPE,** dry specimen, type locality, [re-registered from P15396; designated by Lucas, 1980: 180; on permanent loan from the Macleay Museum, University of Sydney].

rufescens, *Schizophrys* Griffin & Tranter, 1986a: 249, figs 88c, 90c-f-g, 91a-b.

E830 **PARATYPE,** Spencers Gulf, South Australia, [34°30′S 136°55′E], 36 m, FIS *Endeavour* Expedition, 1909-1914.

P23719 **PARATYPE,** male, same data as E830.

P2338 **PARATYPE,** South Australia, W.A. Baker.

P2339 **PARATYPE,** same data as P2339.

P2340 **PARATYPE,** same data as P2339.

P3534 **PARATYPE,** male, southern Queensland, Australia, Commonwealth Fisheries Bureau.

P7484 **PARATYPE,** same locality as E830, dredged, H.M. Hale.

P7485 **PARATYPE,** same data as P7484.

P17838 **PARATYPES,** 2 specimens, north of Aldinga, Gulf St Vincent, South Australia, [35°16′S 138°29′E], on small tidal limestone reef, mid-low tide, W.F. Ponder, 11 January 1971.

P19432 **PARATYPE,** Woodmans Point, Fremantle, Western Australia, [32°08′S 115°44′E], under rock, 2 m, N. Coleman, 4 March 1972.

P19444 **PARATYPE,** Woodmans Groyne, Cockburn Sound, Western Australia, [32°11′S 115°43′E], under rock, 2.5 m, N. Coleman, 11 January 1972.

P19533 **PARATYPE,** Tipapa Reef, Port Hughes,
South Australia, [34°05'S 137°33'E], under rock, 7 m, N. Coleman, 25 November 1970.
P19599 PARATYPE, same locality as P19444, under stones, 3 m, 12 January 1972.
P29824 PARATYPE, female, American River, Kangaroo Island, South Australia, [35°47'S 137°46'E], on wharf piles, 2 m, N. Coleman, 10 March 1978.
P29825 PARATYPE, male, Kingscote, Kangaroo Island, South Australia, [35°40'S 137°37'E], under jetty, 3-5 m, B. Russell, 9 March 1978.

Salomonensis, Pilumnopeus Ward, 1942b: 96, pl. 6 fig. 2.
P40863 SYNTYPES, 2 dry males, Chagos Archipelago, British Indian Ocean Territory, [6°00'S 72°00'E], G. Morin.

Santaeccrus, Cyclograpsus Griffin, 1968: 235, figs 1, 2a-b,e, 3a-b, 4a-b.g.
P3897 POSSIBLE SYNTYPE, dry specimen, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], labelled as type (F.A. McNeill, 1913).

Sanguinolentus hawaiiensis, Portunus Stephenson, 1968: 388, fig. 2a.
P34547 PARATYPE, Sunda Strait, Indonesia, 05°55'S 105°31'E, sandy mud, pumice, trawled, 38 m, Danish Kei Islands Expedition, 31 July 1922, Station 84, [donated by Zoological Museum, Copenhagen].
P34548 PARATYPE, Sunda Strait, Indonesia, 06°10'S 105°44'E, sand, shells, trawled, 40 m, Danish Kei Islands Expedition, 29 July 1922, Station 75, [donated by Zoological Museum, Copenhagen].

Sculptissima, Rathbunaria Ward, 1933: 387, pl. 23 figs 5-6.
P10635 HOLOTYPE, female, Thursday Island, Torres Strait, Queensland, Australia, [10°35'S 142°13'E], under coral on reef, M. Ward, August 1928, [published collection date: September 1928].

Semper longicristatum, Sesarma Campbell, 1967: 14, figs 1e, 2e, pl. 5.
P7915 PARATYPE, male, Brisbane River at Sandgate, Queensland, Australia, [27°20'S 153°04'E], mangrove mudflat, M. Ward.
P15346 PARATYPE, male, Boyne River, Gladstone, Queensland, Australia, [23°56'S 151°21'E], B.M. Campbell, 4 December 1961.

Serenei, Achaeus Griffin & Tranter, 1986a: 14, figs 3, 5e-f.
P34547 PARATYPE, Sunda Strait, Indonesia, 06°10'S 105°44'E, sand, shells, trawled, 40 m, Danish Kei Islands Expedition, 29 July 1922, Station 75, [donated by Zoological Museum, Copenhagen].
P34548 PARATYPE, Sunda Strait, Indonesia, 05°55'S 105°31'E, sandy mud, pumice, trawled, 38 m, Danish Kei Islands Expedition, 31 July 1922, Station 84, [donated by Zoological Museum, Copenhagen].

Serenei, Pilumnus Ng, 1988: 301, pl. 2 fig. 2.
P34803 PARATYPES, 1 male, 1 female, Nhatbrang Bay, Vietnam, [12°15'N 109°10'E], R. Serene, 13 August 1964, [donated by the National University of Singapore, 1984].

Setosipes, Utica Haswell, 1881c: 549.
P710 SYNTYPE, dry specimen, Port Denison, Queensland, Australia, [20°03'S 148°15'E], on sea shore, A. Morton, Old Collection.

Sexdentatus, Eucrate Haswell, 1881c: 548.
P719 SYNTYPES, 2 dry specimens, off Holborn Island, Port Denison, Queensland, Australia, [19°44'S 148°22'E], 37 m, Old Collection.

Similis, Cymonomops Grant, 1905: 315, pl. 10 fig. 1.

Sculpta, Lithadia Haswell, 1879c: 57, pl. 6 fig. 5.

Mm LECTOTYPE, dry specimen, Fitzroy Island, Queensland, Australia, [16°56'S 146°00'E], [invalid designation of holotype status by Griffin, 1972: 62, corrected here to lectotype; sighted at the Macleay Museum, University of Sydney, by RTS, 1989].

G5426 SYNTYPES, 2 females, 44 km east of Port Jackson Heads, New South Wales, Australia, [33°49'S 151°47'E], 457-550 m, W.F. Petterd, March 1905.
soela, Rochinia Griffin & Tranter, 1986b: 366, fig. 13.

P35500 HOLOTYPE, North West Shelf, 250 km north-west of Port Hedland, Western Australia, 18°40'S 116°42'E, Engel trawl, 600 m, J.R. Paxton, FRV Soela, 4 April 1982, SO2/82/19-20.

spatulifera, Trigonoplax Lucas, 1980: 188, figs 5c-d,i, 6b, 8f, 9g.

P11465 HOLOTYPE, female, Bushy Island, 80 km east of Mackay, Queensland, Australia, [23°50'S 151°20'E], reef, F.A. McNeill, 1938.

P4307 PARATYPE, outer edge St Crispins Reef, off Port Douglas, Queensland, Australia, [16°08'S 144°50'E], A.R. McCulloch, 1918.

P10363 PARATYPE, North West Islet, Capricorn Group, Queensland, Australia, [23°27'S 151°55'E], reef, F.A. McNeill, December 1931, [published collection date: April 1933]

P11376 PARATYPE, Heron Island, Capricorn Group, Queensland, Australia, [23°30'S 152°00'E], reef, F.A. McNeill, December 1931, [labelled as type (McCulloch, 1905)].

P15985 PARATYPE, One Tree Island, Capricorn Group, Queensland, Australia, [21°43'S 152°25'E], F.H. Talbot and Museum party, 25 September 1965, FT-30.

P17011 PARATYPE, north-west end, Gillett Cay, Swain Reefs, Queensland, Australia, [32°42'S 141°50'E], Australian Museum Swain Reefs Expedition, 1962, Station 1.

spatulifer, Paramithrax Haswell, 1881c: 540.

G5111 POSSIBLE SYNTYPES, 2 dry specimens, Port Stephens, New South Wales, Australia, [32°42'S 152°06'E], Old Collection, [labelled as types (A.R. McCulloch, 1905)].

P158 POSSIBLE SYNTYPES, 2 specimens, type locality, Old Collection, [labelled as types (A.R. McCulloch, 1908)].

spinicarpus, Pilumnus Grant & McCulloch, 1906: 15, pl. 1 figs 2-2a.

G5634 SYNTYPES, 2 dry specimens, Masthead Island, off Port Curtis, Queensland, Australia, [23°32'S 151°44'E], F.E. Grant.

G5715 SYNTYPE, same locality as G5634, taken among coral blocks on outer reef, C. Hedley, 1904.

spinifer, Lambrus Haswell, 1880a: 451, pl. 27 fig. 1.

P40847 SYNTYPES, 2 males, 1 female, dry specimens, Cape Grenville, Queensland, Australia, [11°58'S 143°14'E], [on permanent loan from the Macleay Museum, University of Sydney].

P40848 SYNTYPES, 6 dry specimens, Darnley Island, Torres Strait, Queensland, Australia, [09°35'S 143°46'E], Chevert Expedition, [on permanent loan from the Macleay Museum, University of Sydney].

spinosirostris, Tiarinia Haswell, 1882a: 28.

P40849 SYNTYPES, 3 dry specimens, Darnley Island, Torres Strait, Queensland, Australia, [09°35'S 143°46'E], Chevert Expedition, [on permanent loan from the Macleay Museum, University of Sydney].

spinulosus, Leptomithrax Haswell, 1880a: 441, pl. 25 fig. 3.

G5116 PROBABLE LECTOTYPE, male, dry specimen, Tasmania, Australia, Old Collection, [labelled as type (McCulloch, 1905), assumed syntype, designated as lectotype by Griffin, 1963: 133].

P40866 PARALECTOTYPE, type locality, K. Broadbent, [re-registered from A5468; designated by Griffin, 1963: 133].

P40867 PARALECTOTYPE, female, dry specimen, same data as P40866, [re-registered from A5479; designated by Griffin, 1963: 133].

P40868 PARALECTOTYPE, same data as P40866, [re-registered from A5482; designated by Griffin, 1963: 133].

P40869 PARALECTOTYPE, female, dry specimen, same data as P40866, [re-registered from A5483; designated by Griffin, 1963: 133].

P40870 PARALECTOTYPE, same data as P40866, [re-registered from A5484; designated by Griffin, 1963: 133].

P40871 PARALECTOTYPE, same data as P40866, [re-registered from A5497; designated by Griffin, 1963: 133].

P40872 PARALECTOTYPE, same data as P40866, [re-registered from A5498; designated by Griffin, 1963: 133].

P40873 PARALECTOTYPE, same data as P40866, [re-registered from A5502; designated by Griffin, 1963: 133].

P40874 PARALECTOTYPE, same data as P40866, [re-registered from A5503; designated by Griffin, 1963: 133].

splendida, Leucosia Haswell, 1879c: 47, pl. 5 fig. 1.

P40850 SYNTYPE, female, dry specimen, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], [on permanent loan from the Macleay Museum, University of Sydney].

P3907 POSSIBLE SYNTYPE, female, dry specimen, type locality, Old Collection, [labelled as type (F.A. McNeill, 1913)].
spondyli, *Ostracotheres* Nobili, 1905: 164.

P5412 SYNTYPE, Arabian coast, Persian Gulf, J. Bonnier and C. Perez, 1901, Station 53, [Banc au N.E. de l'île Aranza, et peche cotiere - dans les polypiers - dans les spondyles; donated by Museum National d'Histoire Naturelle, Paris].

*stapletonii*, *Tympanomerus* de Man, 1908: 212, pl. 18 fig. 1.

P2699 SYNTYPES, 2 specimens, Jhalakati, Backergung District, East Bengal, India, [22°39'N 90°12'E], H.E. Stapleton, [donated by the Indian Museum].

stuckiae, *Sphenocarcinus* Guinot & Richer de Forges, 1986: 139, figs 20c-d, 21e-f, pl. 9 figs a-d.

P37494 PARATYPE, Ile des Pins, New Caledonia, 22°49'S 167°12'E, dredged, 390-395 m, ORSTOM, 10 April, 1978.

subglobosa, *Pinnothereis* Baker, 1907: 179.

P151 SYNTYPES, 2 specimens, South Australian Coast, 31 m, W. Baker.

*suluensis*, *Rochinia* Griffin & Tranter, 1986a: 189, figs 60, 64a-b.

P34659 PARATYPE, Sulu Archipelago, Philippines, 06°08'N 121°19'E, coral bottom, dredged, 275 m, *Siboga* Expedition, 4 July 1899, Station 105, [donated by Zoological Museum, Amsterdam].

*superciliosa*, *Micippa* Haswell, 1880a: 446, pl. 26 fig. 2.

P40851 LECTOTYPE, male, dry specimen, Darnley Island, Torres Strait, Queensland, Australia, [09°35'S 143°46'E], Chevert Expedition, [invalid designation of holotype status by Griffin & Stanbury, 1970: 128, corrected here to lectotype; on permanent loan from the Macleay Museum, University of Sydney].

*takedai*, *Tiarinia* Griffin & Tranter, 1986a: 294, figs 105c, 110, 111b,f.

P15235 HOLOTYPE, Albany Passage, Torres Strait, Queensland, Australia, [10°44'S 142°39'E], M. Ward, August-September 1928.

P8021 PARATYPES, 3 specimens, Ellison Reef, Outer Barrier Reef, Queensland, Australia, [17°43'S 146°25'E], 14.5 m, W.E.G. Paradise on HMAS *Geranium*, 1924.

P14020 PARATYPE, north-western end of Gillett Cay, Swain Reefs, Queensland, Australia, [21°43'S 152°25'E], intertidal, Australian Museum Swain Reefs Expedition, October 1962, Station 1.

P29878 PARATYPE, Murray Island, Torres Strait, Queensland, Australia, [09°56'S 144°04'E].

P29879 PARATYPE, female, type locality.

P29880 PARATYPES, 21 dry specimens, Lindeman Island, Queensland, Australia, [20°27'S 149°02'E], reefs, M. Ward, 1935.

tantulus, *Pilumnus* Rathbun, 1923: 116, pl. 25.

E3113 HOLOTYPE, male, Platypus Bay, Queensland, Australia, [24°56'S 153°12'E], 5-16 m, FIS *Endeavour* Expedition, 28 July 1910.

tasmanensis, *Pugettia* Richer de Forges, 1993: 20, fig. 10a-c.

P39426 HOLOTYPE, male, Taupo Seamount, Tasman Sea, 33°14.36'S 156°09.52'E, marl bottom, 1.2 m sild, 132 m, J.K. Lowry et al. on ORV *Franklin*, 1 May 1989, FR0589-5.

P40745 PARATYPES, 1 male, 2 ovigerous females, type locality.

P40746 PARATYPE, male, Taupo Seamount, Tasman Sea, 33°14.57'S 156°09.52'E, rough marl bottom, 1.2 m sild, 131 m, J.K. Lowry et al. on ORV *Franklin*, 1 May 1989, FR0589-6.

terraereginae, *Pilumnus* Haswell, 1882c: 752.

P730 PROBABLE LECTOTYPE, dry specimen, Port Molle, Queensland, Australia, [20°16'S 148°50'E], *Old Collection*, [labelled as type (A.R. McCulloch 1908); assumed syntype, designated as lectotype by Griffin, 1970b: 324].

P209 PARALECTOTYPE, type locality, W.A. Haswell, [clearly from Haswell's syntype series but not examined by Griffin, 1970b: 324; here designated as paralectotype].

P2256 POSSIBLE PARALECTOTYPE, type locality, *Old Collection*, [considered as material examined by Griffin, 1970b: 324].

P40852 PROBABLE PARATYPES, 3 males, dry specimens, type locality, [re-registered from P730; labelled as types (A.R. McCulloch, 1908); assumed syntypes, designated as paratypes by Griffin, 1970b: 324].

torrensica, *Elamenopsis* Lucas, 1980: 194, figs 4b, 6q.

P20166 HOLOTYPE, female, Thursday Island, Torres Strait, Queensland, Australia, [10°35'S 142°13'E].

*trachysternus*, *Phalangipus* Griffin, 1973: 192, figs 2d, 4g-h, 6h, 7h, 9g-h.

P17916 HOLOTYPE, male, Gulf of Carpentaria, Queensland, Australia, 21.9 m, D.F. McMichael and J.C. Yaldwyn, CSIRO Gulf of Carpentaria Prawn Survey, 1 December 1963.
trigonus, Macropodia

trilineata, Thalamita

P2863 HOLOTYPE, male, Murray Island, Torres Strait, Queensland, Australia, [09°56'S 144°04'E], A.R. McCulloch and C. Hedley, August-October 1907.

trilobata, Dorippe Manning, 1993: 3, fig. 2.

P27124 HOLOTYPE, male, off Mitchell River, Admiralty Gulf, Western Australia, [13°52'S 126°45'E], silty bottom, Otter trawl, 18 m, C. O'Conner 18 April 1978.

tuberculata, Harrovia Haswell, 1880a: 455, pl. 27 fig. 4.

P40853 LECTOTYPE, dry specimen, Darnley Island, Torres Strait, Queensland, Australia, [09°35'S 143°46'E], Chevert Expedition, [published figure number: fig. 1; invalid designation of holotype status by Griffin & Stanbury, 1970: 129, corrected here to lectotype; on permanent loan from the Macleay Museum, University of Sydney].

tuberculata, Leptomaia Griffin & Tranter, 1986a: 163, figs 32d-f, 54.

P29923 HOLOTYPE, female, south of Middleton Reef, Tasman Sea, [29°30'S 159°05'E], triangle dredge, 54-72 m, R.J. McIntyre on HMAS Gascoyne, 26 November 1960, CSIRO G3-280-60.

P29924 PARATYPE, Lord Howe Island, Australia, [31°33'S 159°05'E], 25 m, N. Coleman, 23 February 1979.

tuberculatus, Paramithrax Whitelegge, 1900: 146, pl. 34 figs 1-2.

G2325 LECTOTYPE, male, 2-3 km off Port Hacking, New South Wales, Australia, [34°03'S 151°12.5'E], sand, 40-69 m, E.R. Waite on HMCS Thetis, 10 March 1898, Station 35, [designated by Griffin, 1966: 72].

G2171 PARALECTOTYPE, male, 6.5-9.5 km offshore Newcastle Bight, New South Wales, Australia, [32°53'S 152°03'E], fine grey sand, 51-73 m, E.R. Waite on HMCS Thetis, 2 March 1898, Station 21, [designated by Griffin, 1966: 72].

G2177 PARALECTOTYPES, 2 females, 8-10 km off Newcastle, New South Wales, Australia, [32°56'S 152°58'E], soft mud, 88-77 m, E.R. Waite on HMCS Thetis, 4 March 1898, Station 25, [designated by Griffin, 1966: 72].

G2193 PARALECTOTYPE, female, 1.5 km off Botany Bay, New South Wales, Australia, [34°02.5'S 151°12'E], sand to rock, 42-37 m, E.R. Waite on HMCS Thetis, 11 March 1898, Station 36, [designated by Griffin, 1966: 72].

G2328 PARALECTOTYPES, 1 male, 1 female, 3-7 km off Broken Head, New South Wales, Australia, [33°27.5'S 151°23.5'E], fine sand, 51
tumida, Calvactaea Ward, 1933: 384, pl. 23 fig. 9.

P10631 HOLOTYPE, female, Sow and Pigs Reef, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], in Spongodes, dredged, M. Ward, 5 May 1929.

tumidus, Gonatorhynchus Haswell, 1880a: 437, pl. 25 fig. 4.

G5107 PROBABLE LECTOTYPE, dry specimen, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection, [labelled as type (A.R. McCulloch, 1908); assumed syntype, designated as lectotype by Griffin, 1963: 137].
P40854 PROBABLE PARALECTOTYPE, dry specimen, type locality, [labelled as type (A.R. McCulloch, 1908); assumed syntype, designated as paralectotype by Griffin, 1963: 137; re-registered from G5107].

umerata, Elamena Lucas, 1980: 175, figs 2c, 6f, 9b.

P6819 HOLOTYPE, female, Rail Pier, Port Darwin, Northern Territory, Australia, [12°27'S 130°50'E], among marine growths on piles, W.E.J. Paradise.
P12217 PARATYPE, male, Tyroom Roads, Great Sandy Strait, Queensland, Australia, [25°24'S 152°58'E], 18 m, J.S. Hynd, 6 June 1946.

unguiformis longirostris, Trigonoplax McCulloch, 1908: 59, pl. 12 fig. 3.

P12 LECTOTYPE, female, Westernport, Victoria, Australia, [38°26'S 145°08'E], J. Gabriel, [designated by Lucas, 1980: 187].
P39914 PARALECTOTYPE, male, same data as P12, [re-registered from P12].

unidentatus, Sarmatium Davie, 1992: 94, figs 1e, 6d-f, 8.

P31822 HOLOTYPE, male, 2.5 km from mouth, west bank, Nungbalgarrie Creek, Arnhem Land, Northern Territory, Australia, [11°58'S 134°02'E], Ceirops mudbank, D. Grace, Crocodile Research Project, 27 July 1976, Site 2.
P31819 PARATYPE, male, 14.5 km upstream, Liverpool River, Arnhem Land, Northern Territory, Australia, [12°30'S 133°56'E], amongst debris on mud floor in Rhizophora forest, Crocodile Research Project, 30 January 1975, Site L4.

unilobata, Cryptodromia Campbell & Stephenson, 1970: 240, fig. 2.

P15708 HOLOTYPE, 0.8 km west of Naval Reserve Bank beacon 5c, Moreton Bay, Queensland, Australia, sandy mud, dredged, 8 m, W. Stephenson, Moreton Bay Survey, 24 September 1962.

valentula, Parathelphusa Riek, 1951b: 355, fig. 6.
P11982 HOLOTYPE, male, Coen, Queensland, Australia, [13°57'S 143°12'E], Wassell, January 1943.
P11910 PARALECTOTYPES, 7 specimens, Coen River, north Queensland, Australia, [13°52'S 142°51'E], R. Mackay.
P11983 PARATYPE, female, type locality.

vestitus, Pilumnus Haswell, 1882c: 753.
P40855 SYNTYPES, 3 males, 2 females, dry specimens, Port Stephens, New South Wales, Australia, [32°42'S 152°06'E], [on permanent loan from the Macleay Museum, University of Sydney].
P202 POSSIBLE SYNTYPES, 17 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], Old Collection.
P734 POSSIBLE SYNTYPES, 2 dry specimens, same data as P202, [labelled as types (A.R. McCulloch, 1908)].
P811 POSSIBLE SYNTYPE, Port Stephens, New South Wales, Australia, [32°42'S 152°06'E], Old Collection.
P2257 POSSIBLE SYNTYPE, same data as P811, Old Collection.
P2258 POSSIBLE SYNTYPE, same data as P811, Old Collection.

vicinus, Eumedonus Rathbun, 1918a: 28, pl. 8 fig. 2.
E6326 HOLOTYPE, male, 40 km south-east of Double Island Point, Queensland, Australia, [26°05'S 153°30'E], 60 m, FIS Endeavour Expedition, 1909-1914.

victoriensis, Carcinoplax Rathbun, 1923: 101, pl. 19.
E4395 HOLOTYPE, male, south of Gabo Island, Victoria, Australia, [38°09'S 149°55'S], 220-503
villosus, Eumedonus Rathbun, 1918a: 27, pl. 8 fig. 1.

E4445 HOLOTYPE, male, 40 km south-east of Double Island Point, Queensland, Australia, [26°05'S 153°30'E], 60 m, FIS Endeavour Expedition, 1909-1914.

waitei, Chlorinoides Whitelegge, 1900: 143, pl. 33.

G2174 SYNTYPE, 6.5-9.5 km offshore, Newcastle Bight, New South Wales, Australia, [32°53'S 152°03'E], fine grey sand, 51-73 m, E.R. Waite on HMCS Thesis, 2 March 1898, Station 21.

G2184 SYNTYPE, 9.5-8 km offshore, Newcastle Bight, New South Wales, Australia, [32°55'S 151°58'E], grey sand, mud shell, 73-48 m, E.R. Waite on HMCS Thesis, 2 March 1898, Station 22.

G2204 SYNTYPE, 7-9.5 km off Cape Three Points, New South Wales, Australia, [33°34.5'S 151°29.5'E], sand, 59-73 m, E.R. Waite on HMCS Thesis, 19 February 1898, Station 2.

G2285 SYNTYPE, 4-7.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°08'S 151°14'E], soft mud, 95-130 m, E.R. Waite on HMCS Thesis, 13 March 1898, Station 41.

G2287 SYNTYPE, same data as G2285.

G2288 SYNTYPE, 9.5-13.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°12.5'S 151°13'E], coarse sand, 128-143 m, E.R. Waite on HMCS Thesis, 13 March 1898, Station 42.

G2289 SYNTYPE, dry specimen, 1.5 km off Botany Bay, New South Wales, Australia, [34°02.5'S 151°12'E], sand to rock, 42-37 m, E.R. Waite on HMCS Thesis, 11 March 1898, Station 36.

G2341 SYNTYPES, 4 specimens, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], mud, 108-99 m, E.R. Waite on HMCS Thesis, 22 March 1898, Station 57.

P291 SYNTYPE, dry specimen, off New South Wales, Australia, HMCS Thesis Expedition ?

P600 SYNTYPE, same data as G2285.

P601 SYNTYPE, same data as G2285.

P605 SYNTYPE, same data as G2285.

P606 SYNTYPE, same data as G2285.

P608 SYNTYPE, same data as G2285.

P609 SYNTYPES, 2 specimens, same data as G2285.

P610 SYNTYPE, same data as G2289.

P611 SYNTYPE, same data as G2289.

P612 SYNTYPES, 2 specimens, same data as G2285.

wakipensis, Cylindrotelphusa Rathbun, 1926: 179, pl. 15.

P8486 HOLOTYPE, female, at foot of mountain range close to Headwaters of Wakip River, New Guinea, E.A. Briggs, 1924.

P8487 PARATYPE, female, type locality.

wardi, Cleistostoma Rathbun, 1926: 178, pl. 14.

P8489 HOLOTYPE, male, Sandgate, Brisbane River, Queensland, Australia, [27°20'S 153°04'E], mud flats, M. Ward, 1925.

wardi, Trichopeltarion Dell, 1968: 275, pl. 16 figs 1-5.

P14789 HOLOTYPE, male, dry specimen, off Maria Island, Tasmania, Australia, [42°44'S 148°01'E], Danish seine, 73-82 m, K. Moller, 1930.

wardi, Tumulosternum Griffin & Tranter, 1986a: 263, figs 95, 96c-e.

P29835 HOLOTYPE, female, Long Reef, Collaroy, New South Wales, Australia, [33°45'S 151°19'E], below low tide, M. Ward, 1932.

P29836 PARATYPE, type locality.

P29837 PARATYPE, dry specimen, type locality.

P29838 PARATYPE, type locality.

P29839 PARATYPES, 31 dry specimens, type locality.

wasselli, Parathelphusa Bishop, 1963: 229, figs 1a, 2d, 4, pl. 1 fig. 1.

P14524 HOLOTYPE, male, Port Stewart District, Cape York, Queensland, Australia, [14°04'S 143°41'E], under leaves on hard bottom, temporary freshwater lagoon, J.L. Wassel, May-June 1954.

P14525 PARATYPE, female, type locality.

P14529 PARATYPES, several specimens, type locality.

whiteleggei, Gonioneptunus Ward, 1933: 380, pl. 23 figs 1-2.

P10627 HOLOTYPE, male, 16-24 km off Newcastle, New South Wales, Australia, [32°55'S 151°50'E], 82-91 m, K. Moller on MV Goolgawai, November 1931.

xiphias, Menaethiops Griffin & Tranter, 1986a: 87, figs 18g-h, 26.

P34587 PARATYPE, male, Sapeh Strait, Lesser Sunda Islands, Indonesia, 08°23.5'S 119°04.6'E,
coral and shell, dredged, 69 m, *Siboga* Expedition, 14 April 1899, Station 49A, [donated by Zoological Museum, Amsterdam].

yaldwyni, *Charybdis* Rees & Stephenson, 1966: 32, pl. 7c figs 1d-f.

P14956 **HOLOTYPE**, male, southern Gulf of *Carpentaria*, Queensland, Australia, [17°00'S 140°00'E], trolled, 25.6 m, CSIRO Gulf of *Carpentaria* Prawn Survey, 1963.

P12557 **PARATYPE**, female, off Gatcombe Head, Facing Island, Port Curtis, Queensland, Australia, [23°53'S 151°22'E], dredged, 22 m, M. Ward, December 1929.

P12562 **PARATYPES**, 2 specimens, same data as P12557.

P13079 **PARATYPES**, 1 male, 1 female, Pat's Point, Moreton Bay, Queensland, Australia, [27°25'S 153°20'E], mud, otter trawl, 7 m, T. Marshal, 24 October 1950, [male pleopod figured].

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P13084 **PARATYPE**, female, south-east Pearl Channel, Moreton Bay, Queensland, Australia, [27°25'S 153°20'E], muddy sand, trolled, 12 m, E.M. Grant, 20 November 1952.

P13088 **PARATYPE**, male, 5.6 km south of Woody Point Pier, Moreton Bay, Queensland, Australia, [27°16'S 153°06'E], trolled, 7 m, E.M. Grant, 26 October 1952.

P14166 **PARATYPE**, male, Albatross Bay, near Weipa, Gulf of *Carpentaria*, Queensland, Australia, [12°40'S 141°42'E], H. Foley, June 1962-March 1963.

P14167 **PARATYPE**, same data as P14166.

P14955 **PARATYPES**, 7 males, 6 females, southern Gulf of *Carpentaria*, Queensland, Australia, [17°00'S 140°00'E], trolled, 25.6 m, CSIRO Gulf of *Carpentaria* Prawn Survey, 1963.

P15372 **PARATYPES**, 2 females, 6 km south of Woody Point Pier, Moreton Bay, Queensland, Australia, [27°16'S 153°06'E], trolled, E.M. Grant, 26 October 1952.
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APPENDIX 1

Missing types of species described by Haswell; * denotes species where material from other localities exists and is listed above.

AMPHIPoda

affinis, Eusirus Haswell, 1885c: 101, pl. 14 figs 2-4.
Port Stephens, New South Wales.

affinis, Lysianassa Haswell, 1879d: 756.
Port Jackson, New South Wales.

algicola, Neobule Haswell, 1879d: 255, pl. 8 fig. 4.
Kiama, New South Wales, among sea weed between tide marks.

approximans, Moera Haswell, 1879e: 334, pl. 21 fig. 3.
Clark and Shark Islands, Port Jackson, New South Wales.

assimilis, Talitrus Haswell, 1880b: 97, pl. 5 fig. 1.
Tasmania, Mr. Kendall Broadbent.

australis, Melita Haswell, 1879d: 264, pl. 9 figs 6-7.
* Tacking Point, New South Wales.

australis, Microdeuteropus Haswell, 1879d: 271, pl. 11 fig. 5.
Port Jackson, New South Wales.

australis, Podocerus Haswell, 1879e: 338, pl. 21 fig. 8.
Port Jackson, New South Wales, [Barnard, 1974: 142 states: "Podocerus australis [Icilius]. G5386 TYPE, Port Jackson, old collection"; the number G5386 is incorrect; P5386 is labelled as Icilius australis Haswell (1879d: 274)].

batei, Phoxus Haswell, 1879d: 259, pl. 9 fig. 3.
Port Jackson, New South Wales, dredged.

boeckii, Megamoera Haswell, 1879e: 336, pl. 21 fig. 6.
Clark Island, Port Jackson, New South Wales.

cinerea, Amphithoe Haswell, 1879d: 269, pl. 11 fig. 4.
Port Jackson, New South Wales.

condylata, Proto Haswell, 1885a: 993, pl. 48 figs 1-4.
no locality specified in original description.

cornigera, Caprella Haswell, 1879e: 347, pl. 23 fig. 5.
Clark Island, Port Jackson, New South Wales.

diemenensis, Leucothoe Haswell, 1879d: 262, pl. 9 fig. 3.
Tasmania (?).

dubius, Eusirus Haswell, 1879e: 331, pl. 20 fig. 3.
Tasmania.

gracilis, Leucothoe Haswell, 1879d: 263, pl. 10 fig. 2.
Tasmania.

grandimanus, Amphithoe Haswell, 1879d: 270.
Port Jackson, New South Wales.

hystrix, Cyrtophium Haswell, 1880b, 104, pl. 7 fig. 3.
Port Jackson, New South Wales.

laevis, Dexiocerella Haswell, 1885c: 111, pl. 18 figs 10-12.
Port Molle, Queensland, among sea weed.

latus, Stegocephalus Haswell, 1879d: 252, pl. 8 fig. 2.
2 specimens, Tasmania, W.F. Petterd.

limicola, Talorchestia Haswell, 1880b: 98, pl. 5 fig. 2.
mangrove swamp, Bowen, Queensland, under decaying wood, etc.

lippus, Atylus Haswell, 1879e: 328, pl. 20 fig. 1.
Clark Island, Port Jackson.

lobata, Dexiocerella Haswell, 1885c: 110, pl. 18 figs 6-8.
Broughton Island near Port Stephens, New South Wales, dredged.

longicornis, Montagua Haswell, 1879e: 323, pl. 24 fig. 5.
Port Jackson, New South Wales.

longimanus, Wyvillea Haswell, 1879e: 337, pl. 22 fig. 7.
Port Jackson, New South Wales.
**ISOPODA**

*australis*, *Paranthura* Haswell, 1881a: 477, pl. 18 fig. 4.

Port Jackson, New South Wales, [considered to be *nomen dubium* by Poore, 1978: 168].

*brevicornis*, *Arcturus* Haswell, 1881b: 195, pl. 4 fig. 5.

Off Broughton Island, near Port Stephens, New South Wales, dredged, 46 m.

*coronata*, *Cymodocea* Haswell, 1881b: 190.

Griffiths Point, Victoria.

*inerme*, *Stenetrium* Haswell, 1881a: 479, pl. 19 fig. 2.

Port Jackson, New South Wales.

*obtusifrons*, *Porcellio* Haswell, 1882a: 280.

Sydney, New South Wales.

*tricornis*, *Bregmocerella* Haswell, 1885b: 1004, pl. 53 fig. 1.

The Heads of Port Jackson, New South Wales.

**TANAIDACEA**

*tenuicornis*, *Paratanais* Haswell, 1885b: 194, pl. 4 fig. 3.

Port Stephens, New South Wales.

**DECAPODA: PENEIDEA**

*esculentus*, *Penaeus* Haswell, 1879b: 38.

* Port Darwin, Northern Territory.

**DECAPODA: ANOMURA**

*deflexifrons*, *Galathea* Haswell, 1882c: 761.

Albany Passage, Queensland, among comatulids.

*pulchella*, *Porcellana* Haswell, 1882c: 758.

* Holborn Island, Queensland, 36 m.

*vigintispinosa*, *Porcellana* Haswell, 1882c: 759.

Holborn Island, Queensland, 36 m, Alex Morton.
DECAPODA: BRACHYURA

angulatus, Oncinopus Haswell, 1880b: 433
* Cape Grenville, Queensland, (Chevert Expedition).
[Griffin & Stanbury (1970: 128) refer to a specimen from Cape Grenville as being in the Macleay Museum; the whereabouts of this specimen is presently unknown].

australis, Myra Haswell, 1879c: 50, pl. 5 fig. 3.
* Sue Island, Queensland.

bituberculatus, Paratymolus Haswell, 1880c: 303, pl. 16 figs 1-2.
Gloucester Passage, Port Denison, Queensland, about 9 m.

conchifera, Dromia Haswell, 1882c: 757.
* Port Molle, Queensland, 27 m.

gigas, Myrodes Haswell, 1879c: 52, pl. 5 fig. 5.
Darnley Island, Queensland, (Chevert Expedition).

mammillata, Tiarinia Haswell, 1880a: 448.
Port Darwin, Northern Territory.
Woodlark Islands, Papua New Guinea.

petleyi, Phlyxia Haswell, 1882c: 754.
Port Molle, Whitsunday Passage, Queensland, 26 m.

punctatus, Cycloxanthus Haswell, 1882c: 752.
Parramatta River, New South Wales.

sandrocki, Lambrus Haswell, 1880a: 452, pl. 27 fig. 2.
Port Denison, Queensland, 5-7 m.

saxicola, Pararupellia Haswell, 1881c: 546.
Port Essington, Northern Territory, Alex Morton.

sculpta, Dromia Haswell, 1882c: 756.
* Port Stephens, New South Wales, in a few fathoms of water.

spinosirostris, Tiarinia Haswell, 1882a: 28.
* Cape Grenville, Queensland.

tenuirostris, Chlorinoides Haswell, 1880a: 443, pl. 26 fig. 1.
Darnley Island, Torres Strait, Queensland.

tomentosus, Neptunus Haswell, 1881c: 547.
Port Jackson, New South Wales.
APPENDIX 2

The following specimens of species described by Haswell were subsequently labelled as type(s) but are not from the type locality.

**AMPHIPODA**

*brazieri, Colomastix* Haswell, 1879e: 341, pl. 22 fig. 4.

G5387 Port Stephens; type locality: Port Jackson.

crassipes, *Moera* Haswell, 1880b: 103, pl. 7 fig. 2.

G924 Jervis Bay; type locality: Port Jackson.

monoculoides, *Atylus* Haswell, 1879e: 327, pl. 18 fig. 4.

G5397 Port Stephens; type locality: Clark Island, Port Jackson.

*ramsayi, Melita* Haswell, 1879d: 264, pl. 10 fig. 1.

G5392 Port Stephens; type locality: Port Jackson.

subcarinata, *Megamoera* Haswell, 1879e: 335, pl. 21 fig. 4.

P3493 Port Denison; type locality: Port Jackson; Botany Bay; Port Stephens.

P3503 Port Molle; type locality: Port Jackson;

**Botany Bay; Port Stephens.**

*sylvaticus, Talitris* Haswell, 1879d: 246, pl. 7 fig. 1.

G5423 Elizabeth Bay; type locality: Rooty Hill.

tenuicornis, *Glycera* Haswell, 1879d: 256, pl. 8 fig. 6.

G5414 Port Jackson; type locality: Howick Group.

*viridis, Moera* Haswell 1879e: 333, pl. 21 fig. 2.

G3484 Port Denison; type locality: Port Jackson.

**DECAPODA: BRACHYURA**

*australis, Myra* Haswell, 1879c: 50, pl. 5 fig. 3.

P3913 Port Denison; type localities: Darnley Island, Palm Island, Cape Grenville.

*inermis, Micippa* Haswell, 1880a: 455, pl. 26 fig. 3.

G5135 Port Denison; type locality: Gloucester Passage.
APPENDIX 3

Missing types of new species described by Whitelegge (1904).

**ISOPODA**

*a. alcicornis*, *Arcturus* Whitelegge, 1904: 410, fig. 116a-c.

**HoloType**, female, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10′S 151°11′E], mud, 108-99 m, E.R. Waite on HMCS *Thetis*, 22 March 1898, Station 57.

*dentatus*, *Arcturus* Whitelegge, 1904: 408, fig. 115a-c.

**Syntypes**, 3 specimens, 3-4 km off Botany Bay, New South Wales, Australia, [34°05′S 151°15′E], mud, 91-95 m, E.R. Waite on HMCS *Thetis*, 11 March 1898, Station 37; 3-4 km off Botany Bay, New South Wales, Australia, [34°05′S 151°15′E], mud, 91-95 m, E.R. Waite on HMCS *Thetis*, 11 March 1898, Station 37.

*serrulatus*, *Arcturus* Whitelegge, 1904: 414, fig. 118a-c.

**Syntypes**, 2 specimens, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10′S 151°11′E], mud, 108-99 m, E.R. Waite on HMCS *Thetis*, 22 March 1898, Station 57.

*nodosus*, *Arcturus* Whitelegge, 1904: 412, fig. 117a-d.

**Syntypes**, 4 specimens, 2-3 km off Port Hacking, New South Wales, Australia, [34°03′S 151°12.5′E], sand, 40-69 m, E.R. Waite on HMCS *Thetis*, 10 March 1898, Station 35; 3-4 km off Botany Bay, New South Wales, Australia, [34°05′S 151°15′E], mud, 91-95 m, E.R. Waite on HMCS *Thetis*, 11 March 1898, Station 37.

*simplicissimus*, *Arcturus* Whitelegge, 1904: 406, fig. 114a-c.

**Syntypes**, 3 specimens, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10′S 151°15′E], mud, 108-99 m, E.R. Waite on HMCS *Thetis*, 22 March 1898, Station 57.
APPENDIX 4

Missing types of new species described by Stebbing (1910). # denotes species where type material from other localities exists and is listed above.

AMPHIPODA

australis, Bruzellia Stebbing, 1910: 590, pl. 50.

HOLOTYPE, female, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], mud, 108-99 m, E.R. Waite on HMCS Thetis, 22 March 1898, Station 57.

chevreuxi, Waldeckia Stebbing, 1910: 572, pl. 47b.

HOLOTYPE, female, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], mud, 108-99 m, E.R. Waite on HMCS Thetis, 22 March 1898, Station 57, [published station number: Station 87].

decacentrum, Dodecas Stebbing, 1910: 629, pl. 60.

# SYNTYPES, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], mud, 108-99 m, E.R. Waite on HMCS Thetis, 22 March 1898, Station 57.

discreta, Iphimedia Stebbing, 1910: 586, pl. 49.

HOLOTYPE, female, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], mud, 108-99 m, E.R. Waite on HMCS Thetis, 22 March 1898, Station 57.

hystrix, Podocerus Stebbing, 1910: 622, pl. 58.

# SYNTYPES(S), 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], mud, 108-99 m, E.R. Waite on HMCS Thetis, 22 March 1898, Station 57.

innocens, Ochlesis Stebbing, 1910: 582, pl. 48.

# SYNTYPE, 2-3 km off Port Hacking, New South Wales, Australia, [34°03'S 151°12.5'E], sand, 40-69 m, E.R. Waite on HMCS Thetis, 10 March 1898, Station 35.

micramphopus, Paraceradocus Stebbing, 1910: 597, pl. 51.

SYNTYPES, 2 females, 5.5-6.5 km off Wata Mooli [now known as Wattamolla], New South Wales, Australia, [34°10'S 151°11'E], mud, 108-99 m, E.R. Waite on HMCS Thetis, 22 March 1898, Station 57.

sarsi, Gitanogeiton Stebbing, 1910: 579, pl. 57b.

HOLOTYPE, female, 6.5-10.5 km off Manning River, New South Wales, Australia, [31°57'S 152°46'E], fine grey sand, 40 m, E.R. Waite on HMCS Thetis, 5 March 1898, Station 28.

unistilus, Paraoroides Stebbing, 1910: 606, pl. 53.

SYNTYPES, 1 male, 1 female, 6.5-10.5 km off Manning River, New South Wales, Australia, [31°57'S 152°46'E], fine grey sand, 40 m, E.R. Waite on HMCS Thetis, 5 March 1898, Station 28.
APPENDIX 5

Missing types of new species described by Nicholls (1938).

**AMPHIOPODA**

*anomala, Lysianassa* Nicholls, 1938: 17, fig. 5.

SYNTYPES, 2 males, Macquarie Island, Australia.

*auroae, Metopoides* Nicholls, 1938: 49, fig. 26.

HOLOTYPE, male, Macquarie Island, Australia.

*barnardi, Ampelisca* Nicholls, 1938: 44, fig. 23.

SYNTYPES, Commonwealth Bay, Antarctica.

SYNTYPES, Davis Sea, Antarctica.

*dentimanus, Proboloides* Nicholls, 1938: 51, fig. 27.

SYNTYPES, 2 females, Commonwealth Bay, Antarctica.

*hunteri, Rhachotropis* Nicholls, 1938: 98, fig. 51.

SYNTYPES, 1 male, 1 female, 1 juvenile, Commonwealth Bay, Antarctica.

*laticornis, Adeliella* Nicholls, 1938: 12, fig. 13.

SYNTYPES, 1 male, 2 females, Commonwealth Bay, Antarctica.

*mixus, Pararaniexsis* Nicholls, 1938: 42, fig. 22.

HOLOTYPE, female, Commonwealth Bay, Antarctica.

*oxygnathia, Parapanoploea* Nicholls, 1938: 66, figs 34-35.

HOLOTYPE, female, Commonwealth Bay, Antarctica.

*simplicicauda, Colomastix* Nicholls, 1938: 62, fig. 32.

SYNTYPES, 2 females, Macquarie Island, Australia.

**APPENDIX 6**

Invalid designations of type material not from syntype series.

**ISOPODA**

*juxtaparneoa, Haswellia* Baker, 1926: 274, pl. 49 figs 6-7.

P8922 1 specimen, reef at Fairy Bower, Manly, New South Wales, Australia, [33°48'S 151°17'E], between tide marks, M. Ward, March 1926, [invalid designation of cotype by Baker, 1928: 59].

**DECAPODA: ASTACIDEA**

*hystricosus, Euastacus* Riek, 1951c: 380.

P34097 female, Elaman Creek, Maleny, Queensland, Australia, [26°46'S 152°51'E], E.F. Riek, 8 October 1953, [invalid designation of lectotype by Riek, 1969: 896. Material not from syntype series or type locality; see Morgan, 1988: 18; re-registered from P13044].

P34098 4 specimens, same data as P34097, [invalid designation of paralectotypes by Riek, 1969: 896. Material not from syntype series or type locality; see Morgan, 1988: 18; re-registered from P13044].

P13038 female, upper reaches, Currimbink Creek, Currimbin, Queensland, Australia, [28°08'S 153°29'E], E.F. Riek, [invalid designation of allotype status Riek, 1969: 896. Material not from type series].

**DECAPODA: BRACHYURA**

*spinosirostris, Tiarinia* Haswell, 1882a: 28.

G5137 dry specimen, Port Moll, Queensland, Australia, [20°16'S 148°51'E], Old Collection, [labelled as type (A.R. McCall, 1905); assumed syntype, invalid designation of holotype status by Griffin & Tranter (1986: 283). Specimen not from type locality].