

# Catalogue of Crustacean Type Specimens in the Australian Museum: Malacostraca

R.T. SPRINGTHORPE & J.K. LOWRY

Australian Museum  
PO Box A285, Sydney South, NSW 2000, Australia

**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 magnoculus* 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; Stebbing, 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 Riek (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 syncarids; 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 Philip 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. Buz 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 paralectotypes. 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 reported 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 Benthic Survey; ANIC – Australian National Insect Collection; BMR – Bureau of Mineral Resources; BSS – Bass Strait Survey; CPBS – Crib Point Benthic Survey; CSIRO – Commonwealth Scientific and Industrial Research Organization; EBS – Eurobodalla Benthic Survey; FIS – Fisheries Investigation Ship; FRV – Fisheries Research Vessel; GBR – Great Barrier Reef, Queensland; HDWBS – Hunter District Water Board Survey; HMAS – Her Majesty's Australian Ship; HMCS – 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; NSWFS – 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 Benthic 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.

*granti*, *Squilla* Stephenson, 1953: 201, figs 1a-d, 2a-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.

*insueta*, *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.

*mcneilli*, *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-ee-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 *Goonabee*.

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: *Pseudorhombus arsius* 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.

*stephensoni*, *Harpiosquilla* Manning, 1969: 17, figs 12-17.

- P9664 HOLOTYPE, female, Port Curtis, Queensland, Australia, [23°55'S 151°23'E], seine net over flats, C. Bedsor.  
 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], 18 m, C.W. Holman, 2 July 1962.  
 P14925 PARATYPE, female, Port Curtis area, Queensland, Australia, [23°53'S 151°23'E], M. Ward and W. Boardman, July 1929.  
 P14926 PARATYPE, female, same data as P14925.  
 P15503 PARATYPE, male, south-eastern Gulf of Carpentaria, Queensland, Australia, 25 m, CSIRO Gulf of Carpentaria Prawn Survey, December 1963.  
 P15504 PARATYPE, male, same data as P15503.  
 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.

*stephensoni*, *Oratosquilla* Manning, 1978: 29, fig. 16.

- 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.

*terrareginensis*, *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.

*weediei*, *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], 7 m, A.A. Livingstone, April 1932.  
 P10805 SYNTYPE, male, Elizabeth Reef, Tasman Sea, [29°55'S 159°05'E], G.P. Whitley, 15 April 1936.

## ANASPIDACEA

*crenarum*, *Koonunga* Zeidler, 1985: 63, figs 2-7.

- P35067 PARATYPE, female, Fossil Cave sinkhole, 3.3 km south-east of Tantanoola Caves, South Australia, [37°42'S 140°27'E], surface algae, aquatic plants, W. Zeidler, 1 March 1982.  
 P35068 PARATYPE, male, type locality.

*helonomus*, *Allanaspides* Swain, Wilson, Hickman & Ong, 1970: 1, pls 1-2, figs 1-23.

- P17619 HOLOTYPE, male, Buttongrass Plain near Lake Pedder, Tasmania, Australia, [42°58'S 146°12'E], 300 m altitude, R. Swain and I.S. Wilson, 25 January 1969.  
 P17620 PARATYPE, female, type locality.

*hickmani*, *Allanaspides* Swain, Wilson & Ong, 1971: 196, figs 1-10.

- P17629 HOLOTYPE, male, Buttongrass Plain, 1 km east of McPartlan Pass, Tasmania, Australia, [42°58'S 146°12'E], 300 m altitude, R. Swain, I.S. Wilson, J.E. Ong, 8 January 1970, [misspelt in Swain, Wilson & Ong, 1971: "bickmani"].  
 P17630 PARATYPE, female, type locality.

*spinulae*, *Anaspides* Williams, 1965: 117, fig. 5.

- P14146 HOLOTYPE, female, south of pumping station, Lake St Clair, Tasmania, Australia [42°04'S 146°10'E], W.D. Williams, February 1963.  
 P14147 PARATYPE, male, type locality.  
 P14148 PARATYPE, 10 micro-slides, type locality.  
 P14149 PARATYPE, 4 micro-slides, type locality.  
 P14150 PARATYPE, 1 micro-slide, type locality.  
 P14151 PARATYPE, 1 micro-slide, type locality.  
 P14152 PARATYPE, 1 micro-slide, type locality.  
 P14153 PARATYPE, 1 micro-slide, type locality.  
 P14154 PARATYPE, 1 micro-slide, type locality.  
 P14155 PARATYPE, male, type locality.  
 P14156 PARATYPES, 2, type locality.

## THERMOSBAENACEA

*tulki*, *Halosbaena* Poore & Humphreys, 1992: 721, fig. 1.

- P40998 PARATYPES, 5 specimens, western slope of Cape Range, North West Cape, Western Australia, Australia, [22°02'S 113°56'E], standing water in cave in Tulki Limestone, W.F. Humphreys, 16 October 1991, cave C-215.

## MYSIDACEA

- australiensis*, *Afromysis* 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*, *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], 5 m, 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. Horning, 4 December 1974, SA-3046.
- abyssi*, *Pontogeneoides* Nicholls, 1938: 106, fig. 55.
- P18733 HOLOTYPE, 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 Ltd., 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*, *Keratroides* 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 *Nothofagus* 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*, *Ichnopus* 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.
- P37368 HOLOTYPE, female, 4 km north of Henty River bridge, beside Strahan-Zeehan Road, Tasmania, Australia, 42°00.5'S 145°18'E, in



- Pittosporum bicolor* litter, J.A. Friend, 29 October 1977, 7913-592483.
- P37369 PARATYPE, male, type locality.
- P37370 PARATYPES, 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 Shoe 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*, *Bemlos* 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. Handley, 4 March 1978.
- P38615 PARATYPE, male, same data as P37435.
- P38616 PARATYPE, female, same data as P37435.
- auspicatus*, *Rificus* 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*, [labelled as co-type (K. Sheard, 1939)].
- 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)].

*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 PARALECTOTYPE, 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 *Kimbla*, 9 October 1980, BSS 64.

P38459 PARATYPE, "female", type locality.

*bassianus*, *Arcitalitrus* 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.

*beqa*, *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].

*bidens*, 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.

*bidura*, Ampelisca Lowry & Poore, 1985: 266, figs 7-8.

P34131 HOLOTYPE, east of Bondi, New South Wales, Australia, 33°52'S 151°23'E, dredged, 80 m, R.T. Springthorpe on FRV *Kapala*, 11 December 1980, K80-20-11.

P34132 PARATYPES, 2 specimens, type locality.

P34133 PARATYPE, east of Long Reef, 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].

*brazieri*, 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

Jackson, New South Wales, Australia, [33°51'S 151°16'E], *Old Collection*.

*buchalius*, *Bumeralius* 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.

P33656 PARATYPES, 5 specimens, including female "p", juveniles "j" and "u", same locality as P33655, low tide, coarse sand, mud, 22 July 1975, MER 3.

*burleus*, *Phoxocephalus* 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 C7S4.

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].

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

P34169 HOLOTYPE, north-east of Long Reef, New South Wales, Australia, 33°43'S 151°40'E, dredged, 143 m, FRV *Kapala*, 5 December 1978, K78-26-02.

P34170 PARATYPES, 2 specimens, type locality.

P34171 PARATYPE, north-east of Port Kembla, New South Wales, Australia, 34°20'S 151°18'E, dredged, 161 m, FRV *Kapala*, 13 December 1978, K78-27-11.

P34172 PARATYPE, north-east of Long Reef, New South Wales, Australia, 33°41'S 151°53'E, dredged, 366 m, FRV *Kapala*, December 1977, K77-23-03.

P34130 PARATYPE, east of Long Reef, New South Wales, Australia, 33°46'S 151°43'E, dredged, 176 m, FRV *Kapala*, December 1977, K77-23-01.

*camelus*, Tryphosa Stebbing, 1910: 574, pl. 47a.

P2470 SYNTYPE, 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.

- 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 PARATYPES, 35 specimens, type locality.
- P39646 PARATYPES, 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°02.5'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 PARATYPES, 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, 1879e: 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.
- chiltoni*, *Lembos* Myers, 1981a: 104, figs 216-219.
- 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.
- chosroides 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 pyriferus* holdfast, 6-8 m, G.J. Edgar, 7 March 1985.
- coatsi*, *Orchomenopsis* Chilton, 1912: 477, pl. 1 figs 8-9.
- P32402 PARALECTOTYPES, 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)].
- commensalis*, *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*.
- commensalis*, *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 *Melithaea* sp. attached to coral bommie, 5 m, J.K. Lowry and S.P. Arnam, 6 November 1980.
- P32334 PARATYPES, 52 specimens, type locality.
- coocoo serua*, *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*, *Erichthonius* 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*, *Harmomia* 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*, *Austrotroides* 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, *Amphiroa* sp. on sand flat, mid-shore, A.A. Myers, 7 September 1979, Station 41.
- P35191 PARATYPES, 2 male, 2 females, type locality.
- cryptus*, *Mysticotalitrus* 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.
- ctenochasma*, *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 *Cnidoscypus marginatus* (Allman), 5.5 m, J.D. Thomas and J.K. Lowry, 25 September 1989.
- P39499 PARATYPES, many specimens, same data as P39498.
- cyproides*, *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.
- dahli*, Erikus Lowry & Stoddart, 1987: 1304, figs 1-4.
- P36854 PARATYPES, 17 specimens, Paso Tenaum, south of Punta Tenaum, Golfo 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, 228 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 HMCS *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 HMCS *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*.
- denturus*, ?*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.
- diemenensis*, *Aspidophoreia* Haswell, 1880c: 101, pl. 6 fig. 2.
- G5418 POSSIBLE SYNTYPE, Tasmania, Australia, [labelled as holotype by person unknown].

- diemenensis*, *Megamoera* Haswell, 1879d: 266, pl. 11 fig. 3.
- P18498 SYNTYPE, Tasmania, Australia, [on permanent loan from the Macleay Museum, University of Sydney], [specimen not located, March 1993].
- diemenensis*, *Talorchestia* Haswell, 1879d: 248, pl. 7 fig. 6.
- G5422 POSSIBLE SYNTYPE, Tasmania, Australia, *Old Collection*.
- P3409 POSSIBLE SYNTYPES, 2 specimens, north coast, Tasmania, Australia, *Old Collection*.
- 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.
- dixonii*, *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 Coogee, 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 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.
- 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*, *Lepidepcrella* 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, Commonwealth Bay, Antarctica, [66°54'S 142°40'E], 585-549 m, Australasian Antarctic Expedition, 29 January 1914, Station 10.
- 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, WA-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.  
P34173 PARATYPES, 11 specimens, Port Phillip Bay, Victoria, Australia, 37°53.0'S 144°51.5'E, sand, 8 m, Port Phillip Bay Environmental Survey, 7 June 1971, PPBES 901.  
P34174 PARATYPE, Port Phillip Bay, Victoria, Australia, 36°53.3'S 144°49.8'E, sand, 9 m, Port Phillip Bay Environmental Survey, 7 June 1971, PPBES 904, [published latitude: 37°55.3'S].  
P34175 PARATYPES, 3 specimens, Port Phillip Bay, Victoria, Australia, 38°04.7'S 144°32.7'E, sand, 7 m, Port Phillip Bay Environmental Survey, 11 June 1971, PPBES 929.
- excavata*, *Mesoproboloides* Fenwick, 1977: 471, figs 1-18.  
P24932 PARATYPES, 10 specimens, Saint Kilda Rocks, Kaikoura, New Zealand, [42°25'S 173°42'E], on *Caulerpa brownii*, 6-7 m, G. D. Fenwick, 8 November 1973.
- fallohideus*, *Cerapus* Lowry, 1981: 192, figs 6-9.  
P27443 PARATYPES, 105 specimens, Old Wharf, Kaikoura, New Zealand, [42°25'S 173°42'E], living in a sheltered environment on the green alga *Caulerpa brownii*, 4-5 m, G.D. Fenwick, 25 November 1973.
- fasciata*, *Xenocheira* Haswell, 1879d: 272, pl. 11 fig. 6.  
P25466 PROBABLE SYNTYPE, 4 micro-slides, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], [invalid designation of holotype status by Moore, 1988b: 711].
- fenwicki*, *Ocosingo* Lowry & Stoddart, 1984: 203, figs 9-11.  
P33627 PARATYPE, Saint Kilda Rocks, New Zealand, [42°25'S 173°42'E], among encrusting sessile invertebrates on rock overhangs and crevices, 12-14 m, G.D. Fenwick, 19 March 1982.
- fenwicki*, *Jassa* Conlan, 1990: 2039, figs 2, 6, 10, 11.  
P34951 HOLOTYPE, male, Punui Bay, The Snares, New Zealand, [48°07'S 166°38'E], red algae, 0-2 m, G.D. Fenwick, 21 January 1977, SA-3520.
- fontinalis*, *Protocrangonyx* Nicholls, 1926: 72, pl. 8.  
P8800 LECTOTYPE, female "m", valley of Yule Brook, Darling Range, Western Australia, G.E. Nicholls, March 1927, [designated by Williams & Barnard, 1988: 110].  
P40946 PARALECTOTYPES, male "z", 8 females including females "n" and "o", type locality, [registered from P8800].
- gabrieli*, *Atyloides* Sayce, 1901: 230, pls 37-38.  
P5338 SYNTYPES, 3 specimens, Victoria, Australia.
- gagnei*, *Hawaiorchestia* Richardson, 1991: 191, figs 4-6.  
P40428 PARATYPES, 3 females, 1 male, 1 juvenile, Lanipo Trail, Mau'umae 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 cristaeifolium*, 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, Nananiu 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.

*gerara*, *Byblis* Lowry & Poore, 1985: 287, figs 24-25.

P34144 HOLOTYPE, east of Broken Bay, New South Wales, Australia, 33°31'-33'S 152°08'-01'E, dredged, 910 m, R.T. Springthorpe on FRV *Kapala*, 10 December 1980, K80-20-08.

P34145 PARATYPES, 3 specimens, type locality.

P34146 PARATYPES, 4 specimens, east of Broken Bay, New South Wales, Australia, 33°37'-39'S 152°04'-02'E, dredged, 910-892 m, R.T. Springthorpe on FRV *Kapala*, 10 December 1980, K80-20-09.

P34147 PARATYPE, east of Broken Bay, New South Wales, Australia, 33°35'-37'S 152°05'E, dredged, 118 m, R.T. Springthorpe on FRV *Kapala*, 1 December 1980, K80-20-01.

*gowerensis*, *Parorchestia* Bousfield, 1976: 119, figs 1,2.

P14507 HOLOTYPE, ovigerous female, Mount Gower, Lord Howe Island, New South Wales, Australia, 31°35'S 159°05'E, 746 m altitude, among damp moss, D. Linklater, February 1957.

P14506 PARATYPES, 3 female specimens, type

locality.

P42113 PARATYPE, male, type locality, [reregistered from P14507].

*gosema*, *Pseudocyphocaris* Lowry & Stoddart, 1990: 164, figs 4-5, 8c.

P39215 HOLOTYPE, female, Padoz Reef off Gosem Island, near Madang, Papua New Guinea, 05°12'S 145°47'E, in association with *Didemnum molle*, coral rubble from patch reef, 3 m, J.D. Thomas, 7 January 1989, JDT/PNG 1.

*gracilis*, *Aetiopedes* Moore & Myers, 1988: 1666, figs 1-5.

P38394 HOLOTYPE, male, off Burnie, Tasmania, Australia, 41°03'S 146°00'E, iron-stained sand and shells, near outfall of Tioxide works, grab, 10 m, Marine Ecological Surveys Ltd, April 1986, sample ref. 32.

P38395 PARATYPE, male, type locality.

*gracilis*, *Gitana* Myers, 1985: 17, fig. 10.

P35176 HOLOTYPE, female, Taunovo Bay, Viti Levu, Fiji, 18°15'S 178°00'E, *Syringodium isoetifolium* on reef flat, A.A. Myers, 21 August 1979, Station 27.

*griffini*, *Maera* Berents, 1983: 125, figs 20-21.

P30205 HOLOTYPE, male, fringing reef between Bird Islet and South Island, Lizard Island Group, Queensland, Australia, 14°42'S 145°28'E, sediment, air lift, 12 m, P.B. and P.M. Berents, 14 April 1978, 78 LIZ-PBW-2.

P30206 PARATYPES, 5 specimens, type locality.

*griffini*, *Wandin* Lowry & Stoddart, 1990: 161, figs 1-3, 8d.

P39209 HOLOTYPE, south end of reef north of Ferguson Reef, Queensland, Australia, 12°20'S 143°51'E, rubble washings from coral slope, 10-12 m, I. Loch, 8 December 1990, QLD 88.

P39210 PARATYPE, type locality.

P39211 PARATYPES, 4 specimens, between Lizard Island and Carter Reef, Great Barrier Reef, Queensland, Australia, 14°35'S 145°35'E, algae, 32-38 m, epibenthic sled, J.M. Leis, 26 November 1981, JML 81/26-11-4.

P39212 PARATYPES, 7 specimens, Mrs Watsons Bay, Lizard Island, Great Barrier Reef, Queensland, Australia, [14°40'S 145°28'E], wash of rubble from patch reef, 1-7 m, J.D. Thomas, 25 January 1989, JDT/LIZ 7.

P39213 PARATYPES, 4 specimens, Mermaid Beach, Lizard Island, Great Barrier Reef, Queensland, Australia, [14°40'S 145°28'E], wash of rubble, 1-2 m, J.D. Thomas, 26 January 1989, JDT/LIZ 8.

- P39214 PARATYPES, 7 specimens, North Point, Lizard Island, Great Barrier Reef, Queensland, Australia, [14°40'S 145°28'E], coral rubble, J.D. Thomas, 28 January 1989, JDT/LIZ 13.
- gunni*, *Urohaustorius* Barnard & Drummond, 1982a: 103, figs 36-37.
- P32593 HOLOTYPE, ovigerous female "i", 0.5 km east of Belmont Beach, New South Wales, Australia, 33°02'S 151°41'E, sand, Shipek grab, Australian Museum Hunter District Water Board Survey, 22 August 1975, HDWBS 09020102, [re-registered from P23342].
- P23335 PARATYPE, female "j", 0.5 km east of Dudley Beach, New South Wales, Australia, 32°59'S 151°44'E, sand, Shipek 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, Shipek 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)].
- P25469 POSSIBLE SYNTYPE, male, 6 micro-slides, type locality, [labelled as co-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 SYNTYPE, 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 labrinthica*, 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.
- hylaesa*, *Agilestia* 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 Berlesate 460.
- P30671 PARATYPES, 14 males, 16 females, 68 immature, type locality, ANIC Berlesate 459.
- P30715 PARATYPE, male, type locality.
- hynesi*, *Austrocrangonyx* Williams & Barnard, 1988: 51, figs 24-25.
- P38548 HOLOTYPE, female "e", 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*, *Agilestia* 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 Berselate 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.
- hystrix*, *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

- 151°15'E], mud, 91-95 m, E.R. Waite on HMCS *Thetis*, 11 March 1898, Station 37.
- P2537 SYNTYPES, 15 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.
- P2538 SYNTYPE, same data as P2535.
- P2539 SYNTYPES, 11 specimens, same data as P2535.
- incognita*, *Gammaropsis* Moore, 1988a: 157, figs 6-7.
- P37469 HOLOTYPE, male, 8 micro-slides, Variety Bay, Bruny Island, Tasmania, Australia, 42°12'S 147°24'E, holdfast of *Macrocystis pyrifera*, 6-8 m, G.J. Edgar, 7 March 1985.
- P37470 PARATYPES, 6 males, type locality.
- inermis*, *Caprella* Haswell, 1879e: 348, pl. 23 fig. 3.
- P3381 POSSIBLE SYNTYPES, 10 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], *Old Collection*, [specimens not located, March 1993].
- innocens*, *Ochlesis* Stebbing, 1910: 582, pl. 48.
- P2475 SYNTYPE, 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.
- insulae*, *Grandidierella* Myers, 1981b: 220, fig. 5.
- P29719 HOLOTYPE, male, north end of Old Settlement Beach, Lord Howe Island, Australia, 31°32'S 159°04'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'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].
- itickerus*, *Cunmurrea* Barnard & Drummond, 1978: 93, figs 30-32.
- P26167 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) used P18125 as a station number. It is a registration number not assigned to this specimen].
- jervisi*, *Australoecetes* Just, 1985: 337, figs 11-13.
- P35731 HOLOTYPE, male, off Moona Creek, Jervis Bay, New South Wales, Australia, 35°03'S 150°52'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'E, fine clayey sand, 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'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'S 151°19'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.
- P34953 HOLOTYPE, 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.

- kabbulinus*, *Birubius* Barnard & Drummond, 1978: 362, figs 182-183.
- P26147 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].
- kaia*, *Stenothoe* Myers, 1985: 133, figs 106-107.
- P35217 HOLOTYPE, male, shoreward side of reef crest, Votualailai, Viti Levu, Fiji, 18°10'S 177°32'E, *Turbinaria turbinata*, A.A. Myers, 9 August 1979, Station 13.
- P35218 PARATYPES, 19 specimens, type locality.
- kaikai*, *Elpeddo* Barnard & Drummond, 1978: 119, figs 45-47.
- P26184 HOLOTYPE, female "a", east of Long Bay, Malabar, New South Wales, Australia, 33°58'S 151°21'E, sandy gravel, Shipek grab, 75 m, Australian Museum Shelf Benthic Survey, 22 May 1972, AMSBS C6S3.
- P26185 PARATYPE, female "c", type locality.
- P26186 PARATYPE, male "y", type locality, AMSBS S1, [published station number: AMSBS C6S2].
- kaneoha navosa*, *Pleonexes* Myers, 1985: 36, figs 27-28.
- P35186 HOLOTYPE, male, Nukumbutho Reef, Viti Levu, Fiji, 18°11'S 178°29'E, *Turbinaria turbinata* from reef crest, A.A. Myers, 8 August 1979, Station 6.
- P35187 PARATYPES, 37 males, 84 females, 3 immature specimens, type locality.
- kangulun*, *Tipimegus* Barnard & Drummond, 1978: 58, figs 16-19.
- P26176 HOLOTYPE, female "n", 2 km east of Minstrel Point, Malabar, New South Wales, Australia, 33°57'S 151°17'E, medium to fine sand, Shipek grab, 53 m, Australian Museum Shelf Benthic Survey, 19 May 1972, AMSBS E2S4, [published station number and depth: C4S4, 69 m respectively].
- P26177 PARATYPE, juvenile "j", type locality.
- P26178 PARATYPE, male "y", type locality.
- P26179 PARATYPE, female "w", type locality.
- P26180 PARATYPE, male "u", type locality.
- kapala*, *Sheardella* Lowry, 1984b: 54, figs 1-3.
- P32390 HOLOTYPE, east of Port Jackson, New South Wales, Australia, 33°52'S 151°23'E, shelly mud, epibenthic sled, 80 m, R.T. Springthorpe on FRV *Kapala*, 11 December 1980, K80-20-11.
- P32391 PARATYPES, 2 specimens, type locality.
- karaka*, *Parawaldeckia* Lowry & Stoddart, 1983a: 265, figs 4-7.
- P33776 PARATYPES, 25 specimens, Karaka Wharf, Wellington Harbour, New Zealand, 41°16'S 174°51'E, light trap, 1.4 m, A.A. Fincham, 2 August 1972, NZ 72-54.
- karta*, *Conicostoma* Lowry & Stoddart, 1983b: 394.
- P32228 HOLOTYPE, Stokes Bay, Kangaroo Island, South Australia, [35°37'S 137°12'E], among algae on vertical rock face, 7 m, I. Loch, 4 March 1978.
- P32229 PARATYPES, 5 specimens, type locality.
- katoa*, *Tittakunara* Barnard & Drummond, 1979: 28, figs 16-18.
- P24851 HOLOTYPE, south of Red Head Beach, New South Wales, Australia, 33°01'S 151°43'E, intertidal sandy beach, Australian Museum Hunter District Water Board Survey, 19 July 1976, HDWBS Station X.
- P37047 PARATYPE, female "p", type locality.
- P37048 PARATYPE, female "c", type locality.
- kava*, *Amphithoe* Myers, 1985: 22, fig. 15.
- P35180 HOLOTYPE, male, Taunovo Bay, Viti Levu, Fiji, 18°15'S 178°00'E, mixed red algae from reef flat, A.A. Myers, 21 August 1979, Station 28.
- P35181 PARATYPES, 10 males, 11 females, type locality.
- kekeae*, *Polynesoecetes* Myers, 1989: 81, fig. 16.
- P38645 HOLOTYPE, male, north-east entrance to Cook's Bay, Moorea, Society Islands, 17°29'S 149°49'W, *Padina* covered rocks from lagoon, A.A. Myers, 11 December 1986, Station 26.
- koongarrus*, *Brolgus* Barnard & Drummond, 1978: 116, fig. 42 (part).
- P26156 HOLOTYPE, male "m", 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].
- P26157 PARATYPE, male "u", type locality.
- P26158 PARATYPE, male "k", type locality.
- kuala*, *Amphithoe* Myers, 1985: 24, fig. 16.
- P35182 HOLOTYPE, male, Nukumbutho Reef, Viti Levu, Fiji, 18°11'S 178°29'E, mixed red algae from reef crest, A.A. Myers, 8 August 1979, Station 8.

- P35183 PARATYPES, 1 male, 4 females, 1 juvenile, type locality.
- kurrawa*, *Urothoides* Barnard & Drummond, 1979: 39, figs 21-22, 24 (part).
- P35861 PARATYPE, female "r", 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*, *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*, *Pherusa* Haswell, 1879d: 260, pl. 9 fig. 4.
- G5396 SYNTYPE, Kiama, New South Wales, Australia, [34°40'S 150°51'E], *Old Collection*, [labelled as type (A.R. McCulloch, 1905)].
- lanipo*, *Platorchestia* Richardson, 1991: 186, figs 1-3.
- P40429 PARATYPES, 5 females, 7 males, 15 juveniles, Lanipo Trail, Mau'umae 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*, *Elasmopus* Myers, 1985: 101, fig. 81.
- P35205 HOLOTYPE, male, reef flat, Malevu, Viti Levu, Fiji, 18°10'S 177°30'E, *Gelidiella* sp., A.A. Myers, 11 August 1979, Station 20.
- P35206 PARATYPES, 25 males, 22 females, type locality.
- latrans*, *Oedicerus* Haswell, 1879e: 324, pl. 29 fig. 1.
- P3437 SYNTYPES, 2 specimens, Bondi Bay, New South Wales, Australia, [33°54'S 151°17'E], *Old Collection*.
- lea*, *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*, *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 *Richea pandanifolia* leaves, J.L. Hickman and A.M.M. Richardson, 24 August 1973, 8211-829146.
- P37340 PARATYPES, 2 males, same data as P37339.
- lindsae*, *Maera* Myers, 1989: 70, figs 7-8.
- P38623 HOLOTYPE, female, Lagoon de Fare, Huahine, Society Islands, 16°43'S 151°02'W, *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*, *Cyroidia* Haswell, 1879e: 321, pl. 18 fig. 2.
- P40941 NEOTYPE, 18 micro-slides, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], *Old Collection*, [designated by Moore, 1992: 374].
- lobata*, *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 *Didemnum molle*, coral rubble from patch reef, 3 m, J.D. Thomas, 7 January 1989, JDT/PNG 1.
- longicornis*, *Allorchestes* Haswell, 1879d: 251, pl. 7 fig. 4.
- P3394 SYNTYPE, Kiama, New South Wales, Australia, [34°40'S 150°51'E], *Old Collection*.
- longicornis*, *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 Cackle 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.
- lorus*, *Birubius* Barnard & Drummond, 1978: 207, figs 88-90.
- P26137 HOLOTYPE, female "a", Salt's Bay, Lake Macquarie, New South Wales, Australia, [32°59'S 151°38'E], coarse sand, 0.3 m, NSW State Fisheries Estuarine Benthic Survey, 10 July 1973, EBS 363, [Barnard & Drummond, 1978: 212, designated the figures of female "a" as the holotype because some parts of another species, *Birubius eleebanus*, may be mixed in the vial with those of female "a"].
- P26138 PARATYPE, female "b", type locality.
- P26139 PARATYPE, male "u", type locality.
- P26140 PARATYPES, females "c" and "d", type locality.
- lota*, *Chroestia* Marsden & Fenwick, 1984: 844, figs 1-4.
- P34316 HOLOTYPE, female, Lota, Queensland, Australia, [27°28'S 153°11'E], *Zostera* debris, upper littoral, sand-gravel beach, I.D. Marsden, 26 December 1981.
- P34317 PARATYPE, male, type locality.
- P34318 PARATYPES, 2 males, 4 females, type locality, 12 January 1982.
- P34319 PARATYPES, 5 males, 15 females, 8 juveniles, type locality.
- lowryi*, *Parawaldeckia* Myers, 1985: 97, figs 77-78.
- P35203 HOLOTYPE, male, reef edge, Momi Bay, Viti Levu, Fiji, 17°55'S 177°16'E, coral debris - mainly *Acropora* fragments, A.A. Myers, 7 September 1979, Station 40.
- P35204 PARATYPES, 10 females, type locality.
- lunata*, *Cymadusa* Myers, 1985: 33, figs 22-23.
- P35184 HOLOTYPE, male, Malevu, Viti Levu, Fiji, 18°10'S 177°30'E, *Turbinaria turbinata* from behind reef crest, A.A. Myers, 11 August 1979, Station 22.
- P35185 PARATYPES, 14 males, 28 females, 10 juveniles, 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 SYNTYPE, Kiama, New South Wales, Australia, [34°40'S 150°51'E], *Old Collection*.
- G5420 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)].
- P3403 POSSIBLE SYNTYPES, 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. Horning, 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. Horning, 17 February 1972, SA-1492.
- malevua*, *Lelehua* Myers, 1985: 72, fig. 55.
- P35198 HOLOTYPE, male, reef flat, Malevu, Viti Levu, Fiji, 18°10'S 177°30'E, *Gelidiella* 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 PARATYPE, 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.
- margueritei 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*, *Austrotroides* 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*, [labelled 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*, *Cylindrylloides* 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].
- 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.

*mintus*, *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 C1S5, [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 A2S5.

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.

*monocoloides*, *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'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 110-112.

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 D1S4, [published substrate and depth: coarse sand and 31 m respectively].

P26121 PARATYPE, juvenile "b", type locality.

P26122 PARATYPE, female "c", type locality, AMSBS D2S5.

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.

- P26124 PARATYPE, female "e", same data as P26123.
- 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'S 151°45'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.
- 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.
- nananui*, *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.
- narooma*, *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.

- 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'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*, *Cyroidia* Haswell, 1879e: 320, pl. 18 fig. 1.
- G5416 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)].  
 P3454 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 stones 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*, *Austrotroides* 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 [re-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, 1879e: 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, Nananui Ra, Viti Levu, Fiji, 17°15'S 178°12'E, dead *Acropora* fingers with epiphytes, A.A. Myers, 7 October 1979, Station 54.
- plicibrancha*, *Neorchestia* Friend, 1987: 21, figs 14-18.  
 P37344 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. Friend, 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.
- polutovi*, *Cerapus* Gurjanova, 1951: 946, fig. 658.  
 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.
- propodentata*, *Grandidierella* Moore, 1986: 1393, figs 1-4.  
 P36141 HOLOTYPE, male, Casuarina Salt Works, 11 km upstream from Fitzroy River mouth, Queensland, Australia, 23°00'S 150°00'E, in algae in hypersaline lagoon, 20°C, A. Grant, 10 June 1985, SG 1035.  
 P36142 PARATYPES, 10 specimens, type locality.
- pulchra*, *Parawaldeckia* Lowry & Stoddart, 1983b: 345, figs 44-47.  
 P31216 PARATYPES, 4 specimens, north side 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.  
 P31217 PARATYPE, same locality as P31216, algae on rock face, 10-14 m, SA-908/909.
- pungapunga*, *Stomacontion* Lowry & Stoddart, 1983b: 303, figs 15-17.  
 P32027 PARATYPE, cliffs west of Davis Point, Perseverance Harbour, Campbell Island, New Zealand, 52°34'S 169°13'E, barnacles with epizoic algae and encrusting organisms, 23 m, P.C. Terrill and J.K. Lowry, 7 February 1980, CA-272.  
 P32028 PARATYPES, 5 specimens, same locality as P32027, CA-278.
- punui*, *Kakanui* Lowry & Stoddart, 1983b: 313, figs 23-26.  
 P31624 PARATYPES, 4 specimens, north side of Punui Bay, The Snares, New Zealand, [48°07'S 166°38'E], from algae on rock face, 10 m, D.S. Horning, 8 February 1975, SA-908/909.
- pyrensis*, *Keratroides* Friend, 1987: 51, figs 47-50.  
 P37359 HOLOTYPE, female, right bank of small tributary on south side of The Bottle Neck, Ansons River, Tasmania, Australia, 41°03.5'S 148°04'E, in damp mud under stones on bank, A.M.M. Richardson, 8 November 1977, 8515-035538.  
 P37360 PARATYPE, male, type locality.  
 P37361 PARATYPES, 2 males, 2 juveniles, type locality.
- quasimodo*, *Orchestiella* Friend, 1987: 62, figs 59-63.  
 P37365 HOLOTYPE, female, south side Gordon River valley, Tasmania, Australia, 42°36'S 145°43'E, in Litter under *Leptospermum* stand, 720 m altitude, J.A. Friend, Lower Gordon River Scientific Survey, 28 January 1976, LGRSS transect 11A, 8102-944830.

- 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*, J.L. Hickman and A.M.M. Richardson, 24 August 1973, 8211-829146.
- ramsayi*, *Melita* Haswell, 1879d: 264, pl. 10 fig. 1.
- P11242 POSSIBLE SYNTYPE, 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, *Amphiroa* 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*, *Rakiroa* 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.
- rintouli*, *Warragaia* 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. Berents, 17 November 1981.
- P34774 PARATYPE, female, type locality.
- P34775 PARATYPES, 48 specimens, type locality.
- robustus*, *Rhinoecetes* 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 McMasters 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*, *Amphilocheus* 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.
- rupestris*, *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, Tasmap 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*, *Amphithoe* Haswell, 1879d: 270.

P3416 POSSIBLE SYNTYPE, Botany Bay, New South Wales, Australia, [33°00'S 151°10'E], rockpools, *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, Am 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 solida* in an exposed environment, 7-10 m, G.D. Fenwick & D.S. Horning, 2 December 1973.
- strigilis*, *Bemlos* Myers, 1988: 299, figs 32-34.
- P37431 HOLOTYPE, male, Cathedral Rock, Rottneest 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, WA-454 [number of female specimens published: 8]
- P37434 PARATYPES, 1 male, 1 female, same as P37433, pink coralline algae, R.T. Springthorpe, WA-455.
- 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.
- suensis*, *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].
- suzae*, *Parawaldeckia* Lowry & Stoddart, 1983b: 350, figs 48-52.
- P31265 PARATYPES, 20 specimens, between Rose Island and Shoe 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 1985, CA-16.
- P37744 PARATYPES, 1 male, 1 female, type locality.
- tai*, *Gitanopsis* 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.
- talagus levuensis*, *Podocerus* Myers, 1985: 62, fig. 47.
- P35192 HOLOTYPE, male, Votualailai, Viti Levu, Fiji, 18°10'S 177°32'E, coral rubble 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.



- 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*, *Brolgus* 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].
- tenuipes*, *Microdeuteropus* Haswell, 1879e: 339, pl. 22 fig. 1.
- G5389 PROBABLE SYNTYPES, 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 SYNTYPE, type locality, *Old Collection*.
- terraereginae*, *Talorchestia* Haswell, 1880b: 98, pl. 5 fig. 4.
- P3415 POSSIBLE SYNTYPES, 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, tunicates on underside of rock overhang, 3 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.

Kaikoura, New Zealand, 42°25'S 173°42'E, black sponge *Ancorina alata?*, 4 m, G.D. Fenwick, 26 September 1973.

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

P34702 PARATYPES, 9 specimens, southern Port Phillip Bay, Victoria, Australia, 38°21.1'S 144°51.5'E, sand, 9 m, Marine Studies Group, Ministry for Conservation, Victoria, 9 December 1971, PPBES 985.

*tumicornis*, *Ambasiopsis* Nicholls, 1938: 21, fig. 7.

P18705 SYNTYPES, 2 specimens, Commonwealth Bay, Antarctica, [66°54'S 142°40'E], 640-732 m, Australasian Antarctic Expedition, 22 December 1913, Station 1.

P18706 SYNTYPE, same data as P18705.

P18707 SYNTYPES, 11 specimens, same data as P18705.

P18708 SYNTYPE, same locality as P18705, 110 m, 21 January 1914, Station 7.

*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.

P38612 PARATYPES, 2 females, type locality.

*tunggeus*, *Phoxocephalus* Barnard & Drummond, 1978: 427, figs 218-219.

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

*tricuspis*, *Yulumara* Moore, 1988a: 170, figs 14-15.

P37471 HOLOTYPE, female, 10 micro-slides, Seven Mile Beach, Western Australia, 29°17'S 114°53'E, seagrasses: *Amphibolis antarctica* and *A. griffithii*, 1.5 m, G.J. Edgar, 2 December 1985.

P37472 PARATYPES, 2 immature specimens, type locality.

*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].

*tridentatus*, *Bemlos* Myers, 1988: 289, figs 20-21.

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].

*varietyensis*, *Microdeutopus* Moore, 1987b: 776, figs 1-2.

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

P37000 PARATYPE, female, type locality.

*tristanensis*, *Maeracunha* Stephensen, 1949: 22, figs 9-10.

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

*verrucularum*, *Microdeutopus* Moore, 1987b: 780, fig. 4.

P37002 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.

*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.

*vesca*, *Parawaldeckia* 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.

*tuberculata*, *Acontiosoma* Lowry & Stoddart, 1983b: 291, figs 5-7.

P32013 PARATYPES, 4 specimens, Wairepo Flats,

*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, 86-88 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 Eucla, Great Australian Bight, 33°05'S 128°40'E, 83 m, L.R. Thomas on HMAS *Gascoyne*, 5 July 1962, CSIRO G2/97/62.
- whero*, *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.
- P31714 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.
- P31715 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, A.R. Jones and P.C. Terrill, 11 October 1978, LI-39.
- yandala*, *Ceradocus* Berents, 1983: 109, figs 7-8.
- P31718 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.
- P31719 PARATYPE, female, type locality.
- P31720 PARATYPES, 3 specimens, type locality.
- P31721 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.
- yorlunus*, *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 manca, outer barrier between Rasch Pass and Wangat 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].
- acuticaudata*, *Sphaeroma*? Haswell, 1881b: 191, pl. 3 fig. 9.
- G5348 SYNTYPES, 6 dry specimens, Griffiths Point, Victoria, Australia, [38°32'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, I-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], freshwater in river.
- albaniensis*, *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 *Kimbla*, 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 *Kimbla*, 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*, *Amakusanthura* 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*, *Natatolana* 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. McGruther and J. Paxton on FRV *Soela*, 7 April 1982, SO2-82-31.
- anomala*, *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*.
- aristaei*, *Crassione* Dakin, 1931: 269, figs 1-9, pl. 14 figs 1-2.
- P9966 HOLOTYPE, off Eden, New South Wales, Australia, [37°04'S 149°55'E], host: *Aristeus foliaceus*, 91 m, W.J. Dakin.
- armatum*, *Stenetrium* Haswell, 1881a: 478, pl. 19 fig. 1.
- P3377 POSSIBLE SYNTYPES, 13 specimens, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], *Old Collection*.
- arrama*, *Natolana* Bruce, 1986a: 108, fig. 74.
- P30363 HOLOTYPE, female, south of Portland, Victoria, Australia, 38°52'S 141°50'E, 77 m, CSIRO, 26 June 1962, G2-176-62.
- P30362 PARATYPE, female, south-east of Eucla, South Australia, 32°42'S 131°27'E, 77 m, CSIRO, 4 July 1962, G2-90-62.
- arrosor*, *Mothocya* Bruce, 1986b: 1139, figs 28-29.
- P35230 PARATYPES, 4 ovigerous females, 1 male, Sandakan, Sabah, Malaysia, [06°30'N 118°45'E], host: *Euleptorhamphus viridis*, Cohen and Davis, RV *Te Vega*, cruise no. 6, 27 January 1975, TV-209.
- aspera*, *Sphaeroma* Haswell, 1881a: 472, pl. 16 fig. 3.
- G5330 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)].
- G5331 POSSIBLE SYNTYPE, 1 dry specimen, type locality, *Old Collection*.
- P3366 POSSIBLE SYNTYPE, type locality, *Old Collection*.
- astelia*, *Mesanthura* Poore & Lew Ton, 1986b: 91, figs 2a, 4-6.
- P35695 PARATYPE, Bateman's Bay, New South Wales, Australia, [35°44'S 150°15'E], G. Hartman and G. Hartman-Schroeder, 4 January 1976.
- australis*, *Aega* Whitelegge, 1901a: 229, fig. 20a-f.
- G2281 SYNTYPES, 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 Mar 1898, Station 44.
- australis*, *Phreatoicus* Chilton, 1891: 152, pls 23-26.
- P682 SYNTYPES, 5 specimens, Mount Kosciuszko, New South Wales, Australia, [36°27'S 148°16'E], R. Helms.
- G5407 SYNTYPES, 6 specimens, type locality.

- 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].
- barnardii*, *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*, *Eisothistos* 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.
- P38911 PARATYPES, 2 males, 2 females, type locality.
- 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 PARATYPE, male, east of Robe, South Australia, 37°09'S 138°30'E, 144 m, CSIRO Fisheries, 26 June 1962, [damaged specimen; published locality: south-east of Beach Port, South Australia; see also entry for *Eurydice acuticauda* Bruce].
- binodulus*, *Armadilloniscus* Lewis, 1992a: 152, fig. 1a-b.
- P39140 HOLOTYPE, male, Karumba Beach, Queensland, Australia, 17°29'S 140°50'E, under compacted shell blocks on beach, F. Lewis, August 1988.
- binyana*, *Cirolana* Bruce, 1991: 265, figs 4-6.
- P37256 HOLOTYPE, male, east of Crescent Head, New South Wales, Australia, 31°12'S 153°18'E, plankton tow, 221 m, water depth 355-384 m, FRV *Kapala*, 14 August 1985, K85-12-23, [published collector: HMAS *Kimbla*].
- bipapilla*, *Cymodoce* Harrison & Holdich, 1984: 307, figs 11-12.
- P10695 PARATYPE, male, Rat Island, Port Curtis, Queensland, Australia, [24°38'S 151°18'E], W. Boardman, July 1929.
- P28818 PARATYPE, 3 males, off Bampfield Head, Prince of Wales Island, Torres Strait, Queensland, Australia, 10°43'S 142°07'E, beam trawl over seagrass beds, P.C. Young, CSIRO, 19 April 1979, time: 2200 hours, BHA REP. 2.
- P28833 PARATYPE, male, eastern end, Mangrove Beach, Lizard Island, Queensland, Australia, [14°40'S 145°30'E], sediment from high detritus area amongst mangrove roots, 1.2 m, J.K. Lowry, 11 October 1978, LI-42.
- boko*, *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.
- P30382 PARATYPE, male, type locality.
- boronia*, *Paranthura* Poore, 1984b: 39, figs 3-4.
- P32605 PARATYPES, 4 specimens, Swan Bay, Port Phillip Bay, Victoria, Australia, 38°14'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.
- boweni*, *Leptanthura* Poore, 1981a: 76, figs 14-16.
- P30723 PARATYPES, 13 specimens, Port Phillip Bay, Victoria, Australia, 38°02.3'S 144°44.7'E, sand, Smith-McIntyre grab, 13 m, Ministry for Conservation, Victoria, 10 June 1971, Port Phillip Bay Environmental Study, PPBES 922.
- bowmani*, *Natatolana* Bruce, 1986a: 60, fig. 37.
- P33555 HOLOTYPE, 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.
- P31573 PARATYPE, 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.
- P31574 PARATYPES, 9 specimens, same data as P31573.
- P31575 PARATYPES, 13 specimens, 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.
- P31576 PARATYPES, 4 specimens, type locality.
- P31905 PARATYPES, 6 specimens, east of Port Kembla, New South Wales, Australia, 34°27'S 151°27'E, 1200 m, J.K. Lowry on FRV *Kapala*, December 1976, K76-23-02.
- brachycome*, *Amakusanthura* Poore & Lew Ton, 1988: 112, fig. 6.
- P36766 PARATYPE, Halifax Bay, Queensland,



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.

*caesia*, *Paranthura* Poore, 1984b: 39, figs 5-6.

P32606 PARATYPES, 7 specimens, Aireys Inlet, Victoria, Australia, [38°28'S 144°06'E], W.F. Seed, 29 January 1968.

*calcarifera*, *Cilicæa* 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.

*callitris*, *Apanthura* Poore & Lew Ton, 1985a: 110, figs 4-6.

P33584 PARATYPES, 10 specimens, Middle Banks, west of Tangalooma, Queensland, Australia, [27°12'S 153°22'E], S. Cook and S. Newlands, March 1974.

*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 Bampffield 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.

*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, June 1943.

P12441 PARATYPES, 5 specimens, Enoggera Reservoir, Brisbane, Australia, [27°27'S 152°55'E], host: *Macrobrachium* sp., E.F. Riek, 29 May 1943.

P12442 PARATYPES, 6 specimens, Enoggera Creek at Ashgrove, Brisbane, Australia, [27°26'S 152°51'E], host: *Macrobrachium* sp., E.F. Riek, 18 April 1943.

P12443 PARATYPES, 15 specimens, Enoggera Creek, Brisbane, Queensland, [27°26'S 152°51'E], host: *Macrobrachium* sp., E.F. Riek, 9 October 1943.

P40861 PARATYPES, 2 specimens, type locality, [re-registered from P12435].

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

G5368 POSSIBLE SYNTYPES, 2 dry specimens, Port Jackson, 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 PARALLECTOTYPE, dry specimen, same data as G5320, [re-registered from G5320].  
 G5321 SYNTYPE, dry specimen, same data as G5320, *Old Collection*, [misidentified specimen; re-identified as *Euidotea 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 *Euidotea stricta* (Dana), 1 specimen re-identified as *Cleantioides* sp. by Poore & Lew Ton, 1993: 229].  
 G5324 POSSIBLE SYNTYPE, Tasmania, Australia, *Old Collection*, [misidentified specimen; re-identified as *Euidotea 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, Cuhion Island, The Philippines, [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 Embrey, 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 manca, type locality.

*corpulentis*, *Cilicæopsis* 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 australiense*, *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. Fordar, March 1924.

*crassa*, *Cilicæa* 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*, *Cilicæa* 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].

*crassicornis*, *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.

*curtispinga*, *Cilicæa* 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)].

*curtispinga*, *Zuzara* Harrison & Hollich, 1984: 357, figs 33-34.

P28832 PARATYPES, 5 specimens, Casuarina Beach, Lizard Island, Queensland, Australia, [14°40'S 145°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*, *Mesanthura* 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 *Polymastrea 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 Benthic 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.
- diemenensis*, *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. diemenensis*; 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, 12 October 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 Benthic 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 Benthic 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 Benthic 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*.
- endota*, *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. Compesse, August 1929.
- P10689 PARATYPE, type locality, sand dredge, 9 m, L. Compesse on MV *Triton*, January 1930.
- P10693 PARATYPE, type locality, 10 m.
- epacris*, *Paranthura* Poore, 1984b: 47, figs 11-12.
- P32608 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 Benthic 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.
- falcipenis*, *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*, R.C. 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*, *Tainisopus* Wilson & Ponder, 1992: 281, figs 1-8, 13-14.
- P40752 HOLOTYPE, preparatory female, unnamed spring, 4.3km 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.
- E6747 HOLOTYPE, male, off the coast of Tasmania, Australia, FIS *Endeavour* Expedition, 1909-14.
- franklinae*, *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*, *Pseudocerceis* 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'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.
- gorgoniae*, *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 *Polymastrea craticia*, SCUBA, 19.8 m, Australian Museum Shelf Benthic Survey, 19 February 1973, AMSBS 021013005.  
P22812 PARATYPE, type locality, from sponge *Tiechonella labrinthica*, 21.3 m, 27 February 1973, AMSBS transect 07.  
P22823 PARATYPE, type locality, from sponge: *Chalinissa 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, Twofold 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, 1986b: 1153, figs 37-38.
- P35238 PARATYPES, 15 males, Lake Illawara, New South Wales, Australia, [34°31'S 150°50'E], from *Girella tricuspidata*, P.F. O'Connor, 23 October 1976.  
P35239 PARATYPES, 9 females, same data as P35238.

*haptomela*, *Kranosphaera* 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*, *Styloniscus* 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*, *Cilicæa* 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].

*ihi*, *Mothocya* Bruce, 1986b: 1166, figs 47-48.

P35227 PARATYPE, female, Cook Straits, New Zealand, [41°30'S 174°45'E], host: *Hyporhamphus ihi*, CSIRO, I-2043.

*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 Basten*, 27 February 1979, FNQ 79-103, [published latitude and depth: 18°02'S, 320-260 m respectively].

P30478 PARATYPES, 7 specimens, type locality.

*improceros*, *Cirolana* Bruce, 1986a: 182, figs 125-126.

P28780 PARATYPES, 6 specimens, Bampfield Head, Thursday Island, Queensland, Australia, 10°43'S 142°07'E, beam trawl over seagrass beds, P.C. Young, CSIRO Fisheries, 19 April 1979, time: 2200 hours, BHA Rep.2.

*incisa*, *Cassidinella* Whitelegge, 1901a: 242, fig. 23a-g.

G2402 HOLOTYPE, 1.5 km off Crookhaven River, New South Wales, Australia, [34°13'S 150°48'E], sand and rock, 27-20 m, E.R. Waite on HMCS *Thetis*, 20 March 1898, Station 55, [specimen not located, March 1993].

*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, mud and rock, 101-102 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*, *Zuzara* 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*.

G5366 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.

*juxtacarneæ*, *Haswellia* Baker, 1926: 274, pl. 49 figs 6-7.

P9581 HOLOTYPE, male, Lord Howe Island, Australia, [31°33'S 159°05'E].

*kahiba*, *Natatolana* Bruce, 1986a: 111, fig. 76.

P32175 PARATYPE, female, 5 km south of North Solitary Island, New South Wales, Australia, 29°57'S 153°24'E, muddy sand, 75 m, *Galathea* 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'S 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.
- P19389 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.
- P19390 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, *Globogerina* 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 Woolli, 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 manca, 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 leiura*, 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 gavioloides*, 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'E], fine sand, 12 m, J.K. Lowry, 13 October 1978, LI-46.

P32345 PARATYPE, juvenile, type locality.

*kennedia*, *Apanthura* Poore & Lew Ton, 1988c: 136, figs 29-30.

P29801 HOLOTYPE, fringing reef, between Bird Islet and South Island, Lizard Group, Queensland, Australia, [14°40'S 145°28'E], coral rubble from reef face, 21.3 m, A.R. Jones, 7 October 1978, LI-15.

P29676 PARATYPE, 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.

P29780 PARATYPE, between sand spit and Shark Alley, One Tree Island, Queensland, Australia, [23°30'S 152°05'E], some small coral isolates, coarse shell material, coarse sand, 1.5 m, C. Short and J. Young, 17 October 1979, Station 1-2, 1mm sieve.

P29781 PARATYPE, same data as P29676.

P29782 PARATYPES, 2 specimens, same data as P29676.

*kimblae*, *Basserolis* 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'E], 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*, *Apanthura* 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,

- New South Wales, Australia, [34°13'S 150°48'E], sand and rock, 27-20 m, E.R. Waite on HMCS *Thetis*, 20 March 1898, Station 55.  
 P7217 SYNTYPE, same data as G2271, [specimen not located, March 1993].
- latifrons*, *Sphaeroma* 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 manca, 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.
- lomatia*, *Nerocila* Bruce, 1987: 371, figs 10-11.
- 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.
- longispina*, *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, Westport 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 *Macrocyctis pyrifer* 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, 11 April 1983, [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*, *Juleta* 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], dredged, P. Saenger and J. Moverly, 1975.
- moroea*, *Mesanthura* 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: Kailoa, 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, 4 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

- m, Ministry for Conservation, Victoria, 29 March 1965, Crib Point Benthic Survey, CPBS 600.
- 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'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 31S-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.
- napiensis*, *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.
- nasuta*, *Cerceis* Whitelegge, 1902: 276, fig. 36a-b.
- G2277 SYNTYPE, male, 1.5 km off Crookhaven River, New South Wales, Australia, [34°14'S 150°48'E], sand and rock, 27-20 m, E.R. Waite on HMCS *Thetis*, 20 March 1898, Station 55.
- G2279 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.
- 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, shelly 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].
- nemipteri*, *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 margaritifera*, 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 *Tangaroa*, 14 November 1981, BSS-167.
- nichollsi*, *Australophiloscia* Vandel, 1973: 69, figs 37-39.
- P18945 SYNTYPES, 2 specimens, summit, Mount

- Gower, Lord Howe Island, Australia, 31°33'S 159°05'E, moss, H.G. Cogger, June 1966.
- nodosa*, *Keuphyllia* 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].
- 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*, *Plymphiloscia* 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.
- nunana*, *Leptanthura* 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.
- 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*, *Neocirolana* 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.
- obstipa*, *Probynia* Bourdon & Bruce, 1983a: 311, figs 1-6.
- P31529 HOLOTYPE, female, Wistari Reef, Capricorn Group, Queensland, Australia, [23°20'S 155°53'E], host: *Periclimenes hecate* (Nobili), 17 m, N.L. Bruce, 26 December 1980.
- P31530 PARATYPE, male, Heron Island, Capricorn Group, Queensland, Australia, [23°27'S 151°55'E], reef flat, host: *Typton wasini* Bruce, A.J. Bruce, 3 June 1978, [published registration number: P31510].
- octaphymata*, *Paradella* Harrison & Holdich, 1982a: 101, fig. 5.
- P27018 PARATYPES, 1 male, 4 ovigerous females, 1 non-ovigerous female, between Research Point and Freshwater Beach, Lizard Island, Queensland, Australia, [14°41'S 145°27'E], intertidal clumps of oysters, P. Weate, S. Oldfield and P. Berents, 16 April 1978, Station 78 LIZ-PBW-3.
- oculata cava*, *Pseudarcturella* Hale, 1946: 208, figs 29, 30a,c.
- 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.

- P38928 PARATYPE, non-ovigerous female, type locality.
- P39829 PARATYPES, 1 ovigerous female, 1 juvenile, type locality.
- oreonata*, *Cirolana* 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 chrystomus*, A.J. Bruce, 10 August 1978, [specimen not located, March 1993].
- P29968 PARATYPES, 2 juvenile females, type locality.
- ornata*, *Cilicoea* Whitelegge, 1902: 269, fig. 33a-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*, *Armadilloniscus* 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.
- P34797 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.
- P25378 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

- Shelf Benthic Survey, 17 May 1972, AMSBS C4.  
 P22814 PARATYPES, 2 males, type locality.  
 P25379 PARATYPES, 6 specimens, type locality.  
 P25380 PARATYPES, 3 specimens, type locality.  
 P25381 PARATYPES, 3 specimens, 2 km east of Long Bay, New South Wales, Australia, 33°58.8'S 151°17'E, dredge, 66 m, Australian Museum Shelf Benthic Survey, 30 July 1973, AMSBS IV.  
 P25382 PARATYPES, 2 specimens, 2.3 km east of Malabar, New South Wales, Australia, 33°59.5'S 151°16.8'E, dredge, 66 m, Australian Museum Shelf Benthic Survey, 25 July 1973, AMSBS V.
- 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*, *Mothocya* 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'S 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'S 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, AMESSES 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, AMESSES 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, AMESSES 29.  
 P24951 PARATYPES, 2 specimens, Tuross River, New South Wales, Australia, 36°03'S 150°05.5'E, low tide transect, N. Carrick, Australian Museum Eurobodalla Shire Estuary Survey, 11 September 1974, AMESSES 64.  
 P24953 PARATYPES, 3 specimens, same data as P24951.  
 P28606 PARATYPE, 80m off creek mouth, Singleton's Hill, Hawkesbury River, New South Wales, Australia, 33°28'S 151°05'E, sediment, Smith-McIntyre grab, A.R. Jones and C. Short, Australian Museum Hawkesbury River Benthic Survey, 10 May 1977, AMHRBS 9.1.3.  
 P28607 PARATYPES, 2 males, same locality, as P28606, 7 May 1979, AMHRBS 9.1.
- 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* Riek, 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.
- pimelia*, *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, AMSBS 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].
- pisidiæ*, *Parione* 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: *Plesiops corallicola*, 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: *Plesiops nigricans* (Rüppell).
- P15598 PARATYPES, 2 specimens, type locality, host: *Plesiops 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* Vandel, 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.
- ptychura*, *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*, *Ourozeukes* 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*.
- richea*, *Apanthuopsis* 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, NSW SF 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-2.
- 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, 2 June 1976, 76 LIZ A-00033.
- P26977 PARATYPE, same locality as P26972, 24 August 1976, 76 LIZ A-00062.
- P26978 PARATYPES, 2 specimens, same locality as P26972, 24 August 1976, 76 LIZ A-00063.
- 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, Chinaman'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-06091.
- P26993 PARATYPES, 2 specimens, same locality as P26986, 7 November 1976, 76 LIZ B-06092.
- 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, Coffs 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 *Goonabee*, 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].
- senecio*, *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], sand and mud, 71-66 m, E.R. Waite on HMCS *Thetis*, 7 March 1898, Station 34.  
G2152 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.  
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.

*spinus*, *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*, *Cilicæa* 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*, *Paracilicæa* 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*, *Idotæa* 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*, *Cilicæa* Whitelegge, 1902: 267, fig. 32a-b.

- G2158 SYNTYPE, 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.
- G2239 SYNTYPE, 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.
- G2267 SYNTYPES, 20 specimens, 9-12 km off Cape Three Points, New South Wales, Australia, [33°32'S 151°32.5'E], sticky mud and shell, 95-91 m, E.R. Waite on HMCS *Thetis*, 25 February 1898, Station 13.
- stypheia*, *Apanthura* Poore & Lew Ton, 1985a: 127, figs 18-19.
- P24353 PARATYPE, east of Malabar, New South Wales, Australia, 33°57'S 151°19'E, sandy gravel, Shipek grab, 26.8 m, Australian Museum Shelf Benthic Survey, 22 July 1972, AMSBS C7S5, [published depth: 24 m].
- P33586 PARATYPE, Bottle and Glass Rocks, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], 5 m, Australian Museum Crustacea/Marine Ecology party, 5 July 1978.
- P33587 PARATYPES, 4 specimens, east side Port Phillip Bay, Victoria, Australia, 38°00'S 145°03.5'E, sand, Smith-McIntyre grab, 8 m, Ministry of Conservation, Victoria, 23 August 1971, Port Phillip Bay Environmental Study, PPBES 918.
- subdentatum*, *Armadillidium* Haswell, 1882a: 279.
- P3339 POSSIBLE SYNTYPES, 6 specimens, Tasmania, Australia, *Old Collection*, [labelled as syntypes (J.C. Yaldwyn, 1962)].
- P3340 POSSIBLE SYNTYPES, 53 specimens, Sydney, New South Wales, Australia, *Old Collection*, [labelled as syntypes (J.C. Yaldwyn, 1962)].
- sublittorale*, *Limnoria* Menzies, 1957: 175, fig. 34.
- P12765 HOLOTYPE, male, off coast of New South Wales, Australia, taken from borings in fragment of oregon timber of otter board, 110 m, F.A. McNeill.
- P38932 PARATYPE, male, type locality, [re-registered from P12765].
- sulcifrons*, *Cubaris* Green, 1961: 344, figs 172-180.
- 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*, *Haliophasma* Poore & Lew Ton, 1988b: 100, figs 11-12.
- 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, 9.1 m, S. Keable and P. Albertson, 22 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* Green, 1970: 61, figs 5-9.
- 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.
- sylviae*, *Margueritta* Bruce, 1993a: 165, figs 7-9.
- P41021 HOLOTYPE, male, jetty at Green Island, Rottneest Island, Western Australia, Australia, 32°01'S 115°30'E, coralline 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*, *Haliophasma* Poore, 1975: 527, figs 14-15.
- 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* Green, 1961: 348, figs 181-192.
- 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* Lewis, 1991: 110, figs 1-7.
- 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, 1985b: 156, figs 2-5, pl. 34b-c.

P33877 PARATYPES, 2 males, Convict Beach, Southport, Tasmania, Australia, [43°27'S 146°58'E], intertidal sand beach, A. McGifford, 18 March 1981.

P33878 PARATYPES, 3 females, same data as P33877.

P33879 PARATYPES, 7 juveniles, same data as P33877.

*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*, *Plymphiloscia* 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.

*telopea*, *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 polychaete *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].

P36061 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.

P36062 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 manca, type locality.

*tenuicaudata*, *Cilicæa* 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*, *Plymphiloscia* 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].  
P30350 PARATYPES, 2 specimens, type locality.

*towrae*, *Pseudolana* Bruce, 1983a: 200, fig. 1.

P32459 HOLOTYPE, male, Towra Point, Botany Bay, New South Wales, Australia, [33°57'S 151°10.5'E], sand beach, D.M. Dexter, 17 December 1980.

P32460 PARATYPES, 12 specimens, type locality.

*tridentata intermedia*, *Cerceis* Baker, 1926: 270, pl. 50 figs 1-2.

P9528 SYNTYPE, female, Bowen, Port Denison, Queensland, Australia, [20°01'S 148°15'E], from patch of weed alongside jetty, E.H. Rainsford.

P9576 SYNTYPES, male, 4 females, south-west of Vanderlin Island, Sir Edward Pellew Group, Northern Territory, Australia, [15°42'S 136°59'E], in clump of floating sargassum weed, W.E.J. Paradise, 1926.

*triloba*, *Cirolana* Bruce, 1981a: 662, figs 11-12.

P28696 HOLOTYPE, male, east of Malabar, New South Wales, Australia, 33°57'S 151°19'E, medium to fine sand, Shipek grab, 71 m, Australian Museum Shelf Benthic Survey, 15 September 1972, AMSBS D3S1, [published collection date: 19 May 1972].

P22881 PARATYPES, 1 male, 1 female, east of Malabar, New South Wales, Australia, 33°57'S 151°19'E, gravel with medium sand, Shipek grab, 66 m, Australian Museum Shelf Benthic Survey, 19 May 1972, AMSBS E4, [donated to the Museum of Victoria, March 1980].

P22882 PARATYPE, female, 1.6 km east of Malabar, New South Wales, Australia, 33°58'S 151°17'E, gravel with medium sand, dredge, 66 m, Australian Museum Shelf Benthic Survey, 30 January 1974, AMSBS 903.

P28697 PARATYPES, 2 females, type locality.

*trispinosa*, *Cymodocea* Haswell, 1881b: 189, pl. 3 fig. 7.

G5352 SYNTYPE, dry specimen, Griffiths Point, Western Port, Victoria, Australia, [38°32'S 145°22'E], *Old Collection*.

G5353 SYNTYPE, type locality, *Old Collection*, [specimen not located, March 1993].

*tristania*, *Amakusanthura* Poore & Lew Ton, 1988c: 131, figs 25-26.

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

- 152°11'E], *Old Collection*, [labelled as type (A.R. McCulloch, 1905)].
- 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].
- P29654 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].
- ulverstonensis*, *Plymphiloscia* 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.
- P13537 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.
- variguberna*, *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*, *Rocinela* 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].



*vitae*, *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*, *Amakusanthura* 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.

*woka*, *Eurydice* 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.

*wowine*, *Natatolana* Bruce, 1986a: 118, figs 81-82.

P5952 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.

P5954 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 PARATYPES, 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.

*zeewykeae*, *Apanthura* Kensley & Poore, 1982: 625, figs 1-2.

P32392 HOLOTYPE, 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.

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"].

*caeruleus*, *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, Yeronga, 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.

G2242 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.

G2404 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.

G2405 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.

G2406 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.

*stephensoni*, *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*, *Diastylis* 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.

*thetidis*, *Campylaspis* Hale, 1945a: 212, figs 47-48.

G2225 HOLOTYPE, 9-12 km east of Cape Three Points, New South Wales, Australia, [33°22'S 151°32.5'E], sticky mud and shell, 75-91 m, E.R. Waite on HMCS *Thetis*, 25 February 1898, Station 13.

*verrucosa 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, pl. 13 fig. 5.

P14794 HOLOTYPE, male, off Fly River mouth, Gulf of Papua, Papua New Guinea, mud, A.M. Rapson, 25 April 1955.

P14795 PARATYPE, female, type locality.

P14796 PARATYPES, 3 specimens, type locality.

*armatus*, *Aristeus* 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'Ombraïn, 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], Woolloomooloo 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*, *Penaeus* 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.

*crassissima*, *Metapenaepsis* 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 Bossutt 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

- P14219, sand, shell and silt, 22 m, 13 June 1958, block 11, haul 18.  
 P14334 PARATYPE, female, type locality.
- cristatus*, *Haliporoides* Kensley, Tranter & Griffin, 1987: 265, figs 1-2, 5g-1.
- 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'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, [re-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, [re-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, [re-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

- Strait, Queensland, Australia, [09°35'S 143°46'E], [designated by Griffin, 1970d: 101, on permanent loan from the Macleay Museum, University of Sydney].
- P40463 PARALECTOTYPES, 2 females, off Darnley Island, Torres Strait, Queensland, Australia, [09°35'S 143°46'E], [designated by Griffin, 1970d: 101, on permanent loan from the Macleay Museum, University of Sydney].
- insolitus*, *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.
- insona*, *Metapenaeopsis* 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].
- P1437 POSSIBLE SYNTYPE, type locality, *Old Collection*, [labelled as co-type (A.R. McCulloch, 1908)].
- P1438 POSSIBLE SYNTYPE, type locality, *Old Collection*, [labelled as co-type (A.R. McCulloch, 1908)].
- mastersii*, *Penaeus* Haswell, 1879b: 42.
- P14394 NEOTYPE, male, 80 km west-north-west of Darwin, Northern Territory, Australia, [12°09'S 130°12'E], sand bottom, 32.9 m, V. Wells, 5 October 1961, [designated by Racek & Dall, 1965: 60].
- novaeguineae*, *Penaeus* Haswell, 1879b: 43.
- P40468 HOLOTYPE, male, Katow, Papua New Guinea, *Chevert* Expedition, [on permanent loan from the Macleay Museum, University of Sydney].
- palmensis*, *Penaeus* Haswell, 1879b: 43.
- P40467 LECTOTYPE, female, Palm Island, Queensland, Australia, [18°40'S 146°33'E], *Chevert* Expedition, [invalid designation of holotype status by Griffin & Stanbury, 1970: 126, corrected here to lectotype; on permanent loan from the Macleay Museum, University of Sydney].
- papuensis*, *Metapenaeus* Racek & Dall, 1965: 66, pl. 3 fig. 3, pl. 6 figs 1-2, pl. 11 fig. 2.
- P14385 HOLOTYPE, male, mouth of Panoroa River, Gulf of Papua, Papua New Guinea, mud, A. Rapson, 5 April 1953.
- P14386 PARATYPE, female, type locality.
- P14387 PARATYPES, 2 females, type locality.
- P14389 PARATYPES, 3 females, Hercules Bay, Papua New Guinea, mud, L.W. Filewood, 15 June 1963.
- provocatoria*, *Metapenaeopsis* Racek & Dall, 1965: 48, fig. 10a-d.
- P14336 HOLOTYPE, female, north-north-east of Cape Moreton, Queensland, Australia, [27°02'S 153°28'E], 146-165 m, MV *Challenge*, 18 November 1959, trawl 31.
- P14337 PARATYPE, male, type locality.
- P14338 PARATYPE, male, type locality.
- rosea*, *Metapenaeopsis* Racek & Dall, 1965: 29, figs 2d, 3, pl. 1 fig. 4, pl. 4 figs 7-8, pl. 9 fig. 4.
- P14207 HOLOTYPE, male, off Mackay, Queensland, Australia, [21°09'S 149°11'E], soft mud, experimental trawl, 7 m, R. Jondahl, 24 October 1955.
- P14208 PARATYPE, female, type locality.

- P14218 PARATYPES, 2 females, type locality, mud and sand, 29 m, MV *Challenge*, July 1958.
- P14332 PARATYPE, male, Wreck Rocks, Queensland, Australia, [24°19'S 151°58'E], washed up alive, W. Dall, August 1960.
- 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*, *Metapenaeopsis* 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.
- P39905 PARATYPE, female, type locality, [re-registered from P12223].
- suluensis*, *Metapenaeus*, 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*, *Metapenaeopsis* 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*, *Metapenaeopsis* 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: STENOPODIDEA

*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* Riek, 1951a: 363, fig. 3.

P3095 HOLOTYPE, male, Accommodation Creek, near Balandean, 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].

*anceps*, *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.

*anomala*, *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 SYNTYPE, Commonwealth Bay, Antarctica,

- [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*, *Pontonia* Bruce, 1981a: 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, AJB 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, ?10 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, Muttaborra, Queensland, Australia, [22°36'S 144°32'E], E.F. Riek, 27 May 1945.  
 P11999 PARATYPE, female, type locality.  
 P12000 PARATYPES, 67 specimens, type locality.
- australiense crassum*, *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.
- australiense cristatum*, *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.
- australiense eupharum*, *Macrobrachium* Riek, 1951a: 365, fig. 8.
- P12001 HOLOTYPE, male, Burdekin River, Macrossan, Queensland, Australia, [20°15'S 146°45'E], E.F. Riek, October 1943.  
 P12002 PARATYPE, female, type locality.  
 P12003 PARATYPES, many, type locality.
- australiensis*, *Alpheus* Banner & Banner, 1982a: 256, 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 intertidal pools, J.C. Yaldwyn, February 1965, AM-216.  
 P27204 PARATYPES, 2 specimens, same locality as P27201, from intertidal 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.



- P27220 PARATYPES, 2 specimens, Reef Point, Scarborough, Moreton Bay, Queensland, Australia, [27°12'S 153°07'E], intertidal rock pools, J.S. Hynd, 17 April 1947, AM-144.
- P27221 PARATYPES, 11 specimens, Elliot Heads, south of Bundaberg, Queensland, Australia, [24°55'S 152°29'E], under stones, J.S. Hynd, 3 June 1946, AM-126.
- P27222 PARATYPES, 4 specimens, Pancake Channel, Bustard Head, Port Curtis, Queensland, Australia, [24°01'S 151°46'E], inter-tidal pools, J.S. Hynd, 25 August 1946, AM-167.
- P27248 PARATYPES, 10 specimens, Wellington Point, Brisbane, Queensland, Australia, [27°28'S 153°14'E], E.F. Riek, 30 August 1960, AM-350.
- P27254 PARATYPE, Rat Island, Port Curtis, Queensland, Australia, [23°46'S 151°19'E], A.R. McCulloch, 1909.
- P27255 PARATYPES, 13 specimens, Point Cartwright, Queensland, Australia, [26°41'S 153°08'E], A.A. Livingstone, 2 August 1922.
- P27264 PARATYPE, female, type locality.
- australiensis*, *Paratya* Kemp, 1917: 303, fig. 5.
- P28693 NEOTYPE, male, Seven Hills, Sydney, New South Wales, Australia, [33°47'S 150°56'E], E.F. Riek, 3 December 1944, [designated by Williams & Smith, 1979: 817].
- australiensis arrostra*, *Paratya* Riek, 1953b: 114, fig. 2.
- P13270 HOLOTYPE, ovigerous female, Terrors Creek, Dayboro, Queensland, Australia, [27°12'S 152°50'E], swimming pool, E.F. Riek, 8 August 1942.
- P39672 PARATYPES, 52 specimens, type locality, [re-registered from P13270].
- australis dendricauda*, *Anchistus* Bruce, 1977: 62, fig. 10.
- P17514 HOLOTYPE, ovigerous female, West Cay, Diamond Islets, Coral Sea, Queensland, Australia, [13°11'S 143°43'E], commensal in *Tridacna squamosa* Lamarck, D.F. McMichael and J.C. Yaldwyn, 21 October 1964.
- australis typica*, *Anchistus* Bruce, 1977: 56, figs 7-9.
- P17520 HOLOTYPE, male, Capre Cay, Swain Reefs, Coral Sea, Queensland, Australia, 22°09'S 152°46'E, commensal in clam: *Tridacna whiteleyi* Iredale, Australian Museum Swain Reefs Expedition, October 1962, Station 8.
- australis*, *Athanopsis* Banner & Banner 1982a: 9, fig. 1.
- P30808 HOLOTYPE, female, Beaumaris, Port Phillip Bay, Victoria, Australia, 38°01'S 145°04'E, sandy sediment, 8 m, Fisheries and Wildlife Department, Victoria, 23 August 1971, Port Phillip Bay Zoobenthos Survey, VM 918-4.
- australis*, *Betaeus* Stimpson, 1861: 31.
- P18008 NEOTYPE, female, Long Reef, Collaroy, New South Wales, Australia, [33°45'S 151°19'E], intertidal rock platform, J.C. Yaldwyn, 20 April 1962, [designated by Banner & Banner, 1973b: 347].
- australis*, *Rhynchocinetes* Hale, 1941: 270, fig. 8.
- P4048 PARATYPE, east of Schouten Island, Tasmania, Australia, [42°19'S 148°17'E], 147-164 m, C. Harrison, 1910.
- P9447 PARATYPE, west-south-west of Gabo Island, New South Wales, Australia, [37°34'S 149°55'E], 128 m, K. Möller, on MV *Durraween*, December 1929.
- P11350 PARATYPES, 2 specimens, Port Phillip, Victoria, Australia, [37°58'S 144°54'E].
- australis*, *Typton* Bruce, 1973: 254, figs 1-4.
- P17936 HOLOTYPE, Chinamans Reef, midway between Rudder and Opal Reefs, Queensland, Australia, [16°13'S 145°48'E], dead coral, 3 m, A.H. Banner, 15 January 1968.
- australosulcatus*, *Alpheus* Banner & Banner, 1982a: 83, fig. 21.
- P13551 HOLOTYPE, off North Head, Flinders, Victoria, Australia, [38°29'S 145°02'E], dredged, F.E. Grant, 30 December 1900.
- berentsae*, *Pasiphaea* Kensley, Tranter & Griffin, 1987: 294, figs 7-9, pl. A.
- P26768 HOLOTYPE, ovigerous female, north-east of Norah Head, New South Wales, Australia, 33°11'S 152°24'E, demersal prawn trawl, 720 m, D.E. Brown on FRV *Kapala*, 7 December 1977, K77-23-10.
- P26779 PARATYPES, 5 specimens, south-east of Broken Bay, New South Wales, Australia, 33°40-35'S 151°56-58'E, demersal prawn trawl, 714-732 m, D.E. Brown on FRV *Kapala*, 6 December 1977, K77-23-05.
- P26797 PARATYPE, female, north-east of Broken Bay, New South Wales, Australia, 33°25'S 152°11'E, demersal prawn trawl, 874 m, D.E. Brown on FRV *Kapala*, 8 December 1977, K77-23-13.
- P26798 PARATYPES, 19 specimens, same data as P26797.

*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. Kuitert, 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: *Porites andrewsi* 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.

*colemanni*, *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 SYNTYPE, 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 152°25'E, commensal, host: mollusc *Atrina vexillum* (Born), Australian Museum Swain Reefs Expedition, October 1962, Station 1.

P39911 PARATYPE, male, type locality, [re-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

- Stradbroke Island, Queensland, Australia, [27°25'S 153°32'E], on sponge: *Ircinia cf echinata* (Keller), 20 m, N. Svernivig, 24 August 1979, AJB 3018.
- echinus*, *Synalpheus* 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*, *Pseudosquilla* 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 caves 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.
- P21583 PARATYPES, 2 specimens, type locality.
- P26576 PARATYPES, 2 specimens, east of Woolli, New South Wales, Australia, 29°52-51'S 153°43'E, demersal prawn trawl, 500 m, K.J. Graham on FRV *Kapala*, 23 August 1977, K77-13-10.
- P35896 PARATYPES, 4 specimens, east of North Solitary Island, New South Wales, Australia, 29°53-55'S 153°42'E, demersal prawn trawl, 411 m, FRV *Kapala*, 26 April 1978, K78-06-06.
- 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'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, QLD 197].
- lancifera*, *Stygiocaris* Holthuis, 1960a: 48, figs 1-2.
- P13259 PARATYPES, 4 specimens, Milyering, 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 Girgir 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 SYNTYPE, 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.
- lowryi*, *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 SYNTYPE, 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.
- mccullochi*, *Caridina* 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.

*moretensis*, *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 Peel 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

- 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'S 151°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. McMicheal, 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'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'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.
- P27262 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, CS111B1.
- P40480 PARATYPE, same locality as P40478, CS111D1.
- P40481 PARATYPE, same locality as P40478, CS111E1.
- paralaticeps*, *Synalpheus* Banner & Banner, 1982a: 299, fig. 92.
- P30810 HOLOTYPE, female, Rudder Reef, off Port Douglas, Queensland, Australia, [16°11'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'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, Sellicks 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'S 177°30'E], from *Pavona divaricata* (Lamarck) on shore reef, 0.5-1.0 m, P.M.J. Woodhead, July 1969.
- pilipes*, *Periclimenes* Bruce & Zmarzly, 1983: 644, figs 1-5.  
 P33634 PARATYPE, male, northern tip of Medren Islet, Enewetak Atoll, Marshall Islands, [11°30'N 162°15'E], from *Comanthina schlegeli* (Carpenter) on patch reef, 21 m, D.L. Zmarzly, 3 July 1980.
- 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].
- prima*, *Onyccaridella* 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.  
 E3681 HOLOTYPE, female, south of Eucla, Great Australian Bight, Western Australia, [33°30'S 129°28'E], 456-822 m, FIS *Endeavour*, 14 April 1913.
- ruber*, *Periclemenes* Bruce, 1982: 197, figs 3-5, 8f.  
 P28106 HOLOTYPE, ovigerous female, Bribe Passage, Pumicestone Channel, Queensland, Australia, [27°03'S 153°10'E], trawled, from comatulid: *Zygometa 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].
- stephensoni*, *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.

- 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 1153°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.
- P13273 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*, *Caridina* Riek, 1953b: 120, fig. 10.
- P13332 HOLOTYPE, ovigerous female, Muttaborra, Queensland, Australia, [22°36'S 144°33'E], bore drain, water still warm, too hot to stand in, 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].



*tya*, *Paratyia* 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 151°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, [re-registered from E3673].

*brachythorax*, *Euastacus* Riek, 1969: 912, fig. 16f.

P15716 HOLOTYPE, male, Brown Mountain, south-east 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 145°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, [re-registered from P12837].

P39910 PARATYPE, type locality, [re-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. 5 fig. 3, 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,

- near Lakes Entrance, Victoria, Australia, [37°17'S 148°28'E], E.F. Riek, 6 December 1956.  
 P15712 PARATYPE, female, type locality.  
 P15713 PARATYPES, 3 males, 7 females, type locality.
- esculus*, *Cherax* Riek, 1956: 6.
- P12797 HOLOTYPE, male, Peel River at Nundle, New South Wales, Australia, [31°27'S 151°08'E], E.F. Riek, 27 March 1954.  
 P12798 PARATYPE, female, type locality.  
 P12799 PARATYPES, 5 specimens, type locality.
- falcata*, *Geocherax* Clark, 1941: 36, pl. 10 fig. 5.
- P13211 PARALECTOTYPES, 4 specimens, The Grampians, Victoria, Australia, [37°19'S 142°20'E], 21 December 1934, [donated by the Museum of Victoria. designated by Riek, 1969: 891; see also Lew Ton & Poore, 1987: 27].
- fluviatilis*, *Astacopsis* Riek, 1969: 912, fig. 16a.
- P11912 HOLOTYPE, male, above brewery, Hobart Creek, Hobart, Tasmania, Australia, [42°53'S 147°19'E], E.F. Riek, 2 January 1947.  
 P11913 PARATYPES, 10 specimens, type locality.  
 P19591 PARATYPE, female, type locality.  
 P19592 PARATYPES, 9 specimens, type locality.
- glaber*, *Cherax* Riek, 1967: 120, fig. 5f, pl. 4b.
- P15326 PARATYPES, 3 specimens, 19.2 km north of Augusta, Western Australia, [34°09'S 115°09'E], short burrows in swampy areas with sedges, E.F. Riek, 11 November 1958.
- glabrimanus*, *Cherax* Riek, 1967: 117, fig. 5c, pl. 3a.
- P15317 PARATYPES, 3 specimens, 16 km south of Yallingup, Western Australia, [33°48'S 115°01'E], under logs in small flowing stream, E.F. Riek, 10 November 1958.
- gladstonensis*, *Cherax* Riek, 1969: 915.
- P12833 HOLOTYPE, male, railways pumping station, Gladstone, Queensland, Australia, [23°51'S 151°16'E], E.F. Riek, April 1941.  
 P12834 PARATYPE, male, type locality.  
 P17809 PARATYPE, female, Gladstone, Queensland, Australia, [23°51'S 151°16'E], M. Ward and W. Boardman, July 1929.
- glypticus*, *Tenuibranchiurus* Riek, 1951c: 382, fig. 13.
- P11970 HOLOTYPE, male, Caloundra, Queensland, Australia, [26°48'S 153°08'E], E.F. Riek.  
 P11971 PARATYPE, female, type locality.  
 P11972 PARATYPES, 3 specimens, type locality.
- 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 Currumbin Creek, Queensland, Australia, in rainforest, E.F. Riek, 1 October 1953.  
 P34092 PARATYPE, female, type locality, [re-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.
- neocarinatus*, *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.

P17814 PARATYPE, female, 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. 4 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*, *Engaewa* 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 paralectotype].

P2751 PARALECTOTYPE, female, same data as P2749, [invalid designation of paratype status by Riek, 1951c: 377; corrected here to paralectotype].

*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 Birrabreen, 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 PARALECTOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].
- P3708 PARALECTOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].
- P3709 PARALECTOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].
- P3710 PARALECTOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].
- P3711 PARALECTOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].
- P3712 PARALECTOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].
- P3713 PARALECTOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].
- P3714 PARALECTOTYPE, type locality, [invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].
- P3715 PARALECTOTYPE, type locality, invalid designation of paratype status by Riek, 1969: 894; corrected here to paralectotype].
- P5047 PARALECTOTYPES, 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.

*spinus*, *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.

*subcoerulea*, *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.

*urospinus*, *Cherax* Riek, 1969: 916.

- P12846 HOLOTYPE, male, Indooroopilly, Queensland, Australia, [27°30'S 152°58'E], E.F. Riek, 9 May 1945.

*urospinus*, *Euastacoides* Riek, 1956: 5.

- P12886 HOLOTYPE, male, Obi Obi Creek, Maŕeny, 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.

- appendiculis*, *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. Hoese, 30 December 1971.
- 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.
- P24687 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 II, [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°53.3'E, sand, 18 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 *Cerriops* forest, Sydney University Crocodile Research Project, 5 July 1975.

- 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.
- haswelli*, *Callianassa* Poore & Griffin, 1979: 263, figs 26-27.
- P11453 HOLOTYPE, female, Whitsunday Group, Queensland, Australia, [20°10'S 149°05'E], R. Hallam.
- P274 PARATYPE, Molle Island, Whitsunday Passage, Queensland, Australia, [20°16'S 148°50'E].
- P20833 PARATYPE, Langford Island, Cumberland Group, Queensland, Australia, [20°05'S 148°53'E], found dead on beach tide line, F.A. McNeill, July 1962.
- 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*, *Laomedea* Yaldwyn & Wear, 1970: 384, fig. 1.
- 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.
- P11578 PARATYPE, female, Bonny Doon Golf Course, north of Cooks River, New South Wales, Australia, [33°53'S 151°13'E], shore of muddy creek, J.J. Johnston, [specimen not located, March 1993].
- 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].
- novaezealandiae*, *Jaxea* Wear & Yaldwyn, 1966: 6, figs 1-2.
- 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*, *Axiopsis* 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.

P25282 PARATYPE, Port Phillip Bay, Victoria, Australia, 38°04.7'S 145°03.5'E, clay and sand, 15 m, Port Phillip Bay Environmental Survey, Ministry for Conservation, Victoria, 10 February 1970, PPBES 938.

P25283 PARATYPE, same data as P25281, [published station number: PPBES 938].

P25284 PARATYPE, Port Phillip Bay, Victoria, Australia, 38°09.3'S 144°46.3'E, sand, silt and clay, 20 m, Port Phillip Bay Environmental Survey, Ministry for Conservation, Victoria, 11 February 1970, PPBES 954.

P25285 PARATYPE, Port Phillip Bay, Victoria, Australia, 38°14'S 144°49.9'E, clay and silt, 25 m, Port Phillip Bay Environmental Survey, Ministry for Conservation, Victoria, 12 February 1970, PPBES 969.

P25286 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.

#### DECAPODA: PALINURA

*alticrenatus septemdentatus*, *Ibacus* Grant, 1905: 322, pl. 11 fig. 1.

G5424 SYNTYPES, 2 specimens, 43 km east of Port Jackson, New South Wales, Australia, [33°52'S 151°45'E], 457-550 m, W.F. Petterd, March 1905.

*amabilis*, *Scyllarus* Holthuis, 1963: 59.

P14517 HOLOTYPE, female, near entrance\* to Roebuck Bay, Broome, Western Australia, [18°06'S 122°20'E], dredged from *Lithothamnion* reef, 9-14 m, A.A. Livingstone, 26 September 1927.

*brucei*, *Ibacus* Holthuis, 1977: 191, pls 1-2.

P25072 PARATYPES, 2 males, east of Moreton Bay, Queensland, Australia, 165 m, N. Ruello, July 1972.

P25056 PARATYPE, male, south-east of Broken Bay, New South Wales, Australia, 33°40-35'S 151°46-52'E, 170-175 m, FRV *Kapala*, 2 November 1976, K76-17-04/05.

*crenatus*, *Arctus* Whitelegge, 1900: 194, fig. 14.

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 HOLOTYPE, female, dry specimen, Japan.

*mawsoni*, *Arctus* Bage, 1938: 10, pl. 4, figs 2, 2a.

P11309 SYNTYPES, 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 SYNTYPE, 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.

*umbilicatus*, *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 SYNTYPES, 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 SYNTYPE, Port Molle, 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 SYNTYPE, female, dry specimen, Port Molle, Queensland, Australia, [20°20'S 148°51'E], 26 m, *Old Collection*, [labelled as type (A.R. McCulloch, 1906)].

P266 POSSIBLE SYNTYPE, Holborn Island, Port Denison, Queensland, Australia, [19°44'S

148°22'E], *Old Collection*, [labelled as type (A.R. McCulloch, 1908)].

P41003 POSSIBLE SYNTYPE, 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 SYNTYPES, 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].

*corallicola*, *Galathea* Haswell, 1882c: 761.

P270 SYNTYPES, 4 specimens, Port Molle, Queensland, Australia, [20°16'S 148°50'E], W.A. Haswell, [labelled as types (A.R. McCulloch, 1908)].

P3884 POSSIBLE SYNTYPE, dry specimen, Port Molle, Queensland, Australia, [20°16'S 148°50'E], *Old Collection*, [labelled as type (F.A. McNeill, 1913)].

*corallicola*, *Porcellana* Haswell, 1882c: 759.

P3882 POSSIBLE SYNTYPE, dry specimen, Port Molle, 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 SYNTYPE, 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 SYNTYPES, 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, Bottle 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 SYNTYPE, Maroubra Bay, New South Wales, Australia, [33°57'S 151°16'E], T. Whitelegge.  
 G5590 SYNTYPE, Lord Howe Island, Australia, [31°33'S 159°05'E], March 1898.  
 P570 SYNTYPE, Lord Howe Island, Australia, [31°33'S 159°05'E], HMCS *Thetis*, 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 SYNTYPES, 2 dry specimens, Port Denison, Queensland, Australia, [20°03'S 148°15'E], A. Morton, *Old Collection*.

*jervienseis*, *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)].

*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.

*tuberculatus*, *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.

G2381 SYNTYPES, 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].

#### DECAPODA: BRACHYURA

*abercrombiei*, *Macrophthalmus* Barnes, 1966: 43, pl. 8 fig. 1a-d.

P15097 HOLOTYPE, Norman River mouth near Karumba, Gulf of Carpentaria, Queensland, Australia, [17°39'S 141°02'E], CSIRO Gulf of Carpentaria Prawn Survey, December 1963.

P15141 PARATYPE, male, south-east corner, Gulf of Carpentaria, Queensland, Australia, 17°36'S 140°09'E, trawled, 3.6 m, CSIRO Gulf of Carpentaria Prawn Survey, MV *Roma*, 16 December 1963, Station 482.

P15142 PARATYPE, male, same data as P15141, [transferred to the Queensland Museum, 1966].

*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].
- P2726 SYNTYPE, dry specimen, type locality, [donated by the Indian Museum].
- annulipes*, *Thalamita* Stephenson & Hudson, 1957: 326, figs 2d, 3d, pl. 1 fig. 2, pls 7b, 9a.
- P12853 HOLOTYPE, male, Gantheaume Point, Broome, Western Australia, [17°58'S 122°14'E], Australia, A.A. Livingstone, September 1929.
- antelmei*, *Actumnus* Ward, 1942: 43, pl. 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*, *Lyreidus* Ward, 1933: 377, pl. 23 fig. 10.
- P10623 HOLOTYPE, male, 16-24 km off Newcastle, New South Wales, Australia, [32°55'S 151°50'E], 82-91 m, K. Moller on MV *Goolgwai*, November 1931.
- australiensis*, *Miersiograpsus* Turkey, 1978: 138, figs 4-6.
- P20675 HOLOTYPE, east of Brush Island, New South Wales, Australia, 35°28-34'S 150°48-45'E, Otter trawl, 459-441 m, K.J. Graham on FRV *Kapala*, 10 June 1975, K75-02-09.
- P25298 PARATYPE, type locality.
- P26550 PARATYPE, male, north-east of Batemans Bay, New South Wales, Australia, 35°38-41'S 150°48-45'E, 540 m, FRV *Kapala*, 10 August 1977, K77-12-04.
- australiensis*, *Ovalipes* Stephenson & Rees, 1968b: 227, figs 1d, 2d, 3d, 4d, pls 35 figs c-d, 39 figs a-b, 41 figs f-g, 42 fig. d.
- P6265 HOLOTYPE, male, Lake Illawarra, New South Wales, Australia, [34°33'S 150°52'E], G. McAndrew, 1923.
- australiensis*, *Phalangipus* Rathbun, 1918a: 15, pl. 6.
- E3160 HOLOTYPE, male, Platypus Bay, Queensland, Australia, [24°56'S 153°12'E], 13-16 m, FIS *Endeavour* Expedition, 28 July 1910.
- australiensis*, *Portunus* Stephenson & Cook, 1973: 430, figs 6i, 7i, 8i, 9c, 10b, 10f.
- P12602 HOLOTYPE, male, 8 km off Ninety Mile Beach, between Cape Jaubert and Wallal, Queensland, Australia, [19°30'S 121°00'E], dredged, 9 m, A.A. Livingstone, September 1929.
- P12596 PARATYPE, female, between Cape Bossutt and Broome, Western Australia, [18°42'S 121°37'E], dredged, 9 m, A.A. Livingstone, 11 September 1929.
- 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, Perth, Western Australia, [32°07'S 115°40'E], reef, living on algae, 6 m, N. Coleman, 23 January 1972.
- P29856 PARATYPE, dry specimen, south-west Tasmania, Australia, dredged in shallow water.
- P29857 PARATYPE, Rob Island, off Cape le Grande, Western Australia, [34°02'S 122°14'E], 15 m, A. Kuitert, 20 March 1978.
- australis*, *Leptopisa* Griffin & Tranter, 1986a: 272, figs 100, 107e, 112g-h.
- P34681 PARATYPE, anchorage off Pulu Sarassa, Postillon Island, Flores Sea, 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 Sailus 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* McCulloch, 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*, *Xantho* 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.
- breviceps*, *Achaeus* 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, December 1963.

P170 PARATYPE, Port Denison, Queensland, Australia, [20°03'S 148°15'E].

P1910 PARATYPES, 3 specimens, same data as P170.

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.

P3151 PARATYPE, same data as P3150.

P6954 PARATYPE, same locality as P170, among stones and dead coral between tide marks, E.H. Rainsford.

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.

P19505 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, pl. 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, pl. 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].
- conchifera*, *Dromia* Haswell, 1882c: 757.
- P3895 POSSIBLE SYNTYPES, 2 dry specimens, Port Denison, Queensland, Australia, [20°03'S 148°15'E], *Old Collection*, [labelled as types (F.A. McNeill, 1913)].
- 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 Molle, 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.
- cracentis*, *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].
- crassimana*, *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.
- curtispinga*, *Micippa* Haswell, 1880b: 446, pl. 25 fig. 1.
- P11385 PROBABLE LECTOTYPE, dry specimen, Port



- Denison, Queensland, Australia, 20°03'S 148°15'E, [labelled as type (F.A. McNeill, 1941); assumed syntype, designated as lectotype by Griffin & Tranter, 1986a: 275].
- G5136 PROBABLE PARALECTOTYPE, dry specimen, type locality, [labelled as type (A.R. McCulloch 1905); assumed syntype, designated as paralectotype by Griffin & Tranter, 1986a: 275].
- darnleyensis*, 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*, *Cyonomus* 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 sled, 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.
- E6486 HOLOTYPE, male, south 29° east of Pine Peak, Queensland, Australia, Commonwealth Fisheries Bureau, FIS *Endeavour* Expedition, 1 August 1910.
- 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.
- P1959 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. Kransuyer.
- 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 Wallal, 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 Wallal, 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. Nielson, 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 *Posidonia* and *Cymadosia* 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, samoy mud flats, N. Coleman, 4 June 1972.
- elongatus*, *Ovalipes* Stephenson & Rees, 1968b: 232, fig. 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 Strait, Queensland, Australia, [09°35'S 143°46'E], [on permanent loan from the Macleay Museum, University of Sydney].
- endeavouri*, *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].
- euryseroche*, *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.

- P19419 PARATYPES, 2 specimens, type locality, low tide, algae.  
P29843 PARATYPES, 16 specimens, type locality.
- fissifrons*, *Stenorhynchus* Haswell, 1879a: 409.
- MM HOLOTYPE, male, Auckland, New Zealand, M. Macleay's Collection, [sighted at the Macleay Museum, University of Sydney, by RTS, 1989].
- 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 sled, 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 sled, 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.
- fultoni*, *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. 5l.
- 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.
- galathea*, *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, pl. 22 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*, *Carpilodes* 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°03'S 148°15'E], [on permanent loan from the Macleay Museum, University of Sydney].
- G5573 POSSIBLE SYNTYPES, 2 dry specimens, type locality, *Old Collection*.
- P194 POSSIBLE SYNTYPES, 2 specimens, type locality, *Old Collection*.
- griffini*, *Rochinia* Davie & Short, 1989: 181, figs 11a-h, 12.
- P32090 PARATYPE, juvenile female, off Point Danger, New South Wales, Australia, 27°56'S 153°03'E, trawled, 540 m, FRV *Kapala*, 6 November 1978, K78-23-09.
- halei*, *Huenia* Griffin & Tranter, 1986a: 77, figs 22a-e, 22g, 25e-f,i.
- 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, Sullivan 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, 56e.
- 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 *Bruguiera* 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 Ngandadauda 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 Ngandadauda Creek, Arnhem Land, Northern Territory, Australia, [12°02'S 134°43'E], *Ceriops* mud bank, Crocodile Research Project, 7 September 1975.
- P31783 PARATYPES, 4 males, 4 females, 4.5 km from mouth, west bank Woolen River, Arnhem Land, Northern Territory, Australia, [12°25'S 135°23'E], *Rhizophora* shelly-mud beach, Crocodile Research Project, 17 September 1975.
- P31970 PARATYPE, male, Sabai Island, Torres Strait, Queensland, Australia, [09°23'S 142°40'E], soft mud among mangroves, mid tide, D. Brown, 8 July 1976, DEB-76-12.
- P31971 PARATYPES, 2 males, 1 female, 2 km from mouth, east bank Habgood River, Arnhem Land, Northern Territory, Australia, [12°37'S 135°51'E], mud flat, *Avicennia*, Crocodile Research Project, 13 October 1975.
- P31972 PARATYPES, 5 males, 1 female, 25.7 km from mouth, mid bend 3, west bank Liverpool River, Arnhem Land, Northern Territory, Australia, [12°30'S 133°56'E], grassland, tidal pools, mud flats, Crocodile Research Project, 3 February 1975, Site L8.
- P31973 PARATYPES, 2 males, 4 females, 11.3-12.1 km from mouth, east bank Bat Island, Liverpool River, Arnhem Land, Northern Territory, Australia, [12°30'S 133°56'E], mud flats, Crocodile Research Project, 29 January 1975, Site L3.
- P31974 PARATYPES, 6 males, 5 females, 5 km from mouth, east bank, Cato River, Arnhem Land, Northern Territory, Australia, [12°15'S 136°21'E], *Rhizophora* and *Avicennia* mud bank, Crocodile Research Project, 19 October 1975.
- P31975 PARATYPES, 5 males, 3 females, 20 km from mouth, north bank Peter John River, Arnhem Land, Northern Territory, Australia, [12°12'S 136°24'E], *Rhizophora* and *Sonneratia* mud bank, Crocodile Research Project, 21 October 1975.
- P31976 PARATYPES, 2 males, 2 females, 10 km from mouth, north bank Peter John River, Arnhem Land, Northern Territory, Australia, [12°12'S 136°24'E], *Rhizophora*, *Camptostemon* and *Ceriops* mud bank, Crocodile Research Project, 21 October 1975.
- P31977 PARATYPE, male, Goromuru River, 1 km from mouth, east bank Goromuru River, Arnhem Land, Northern Territory, Australia, [12°30'S 136°13'E], *Avicennia* mud flat, Crocodile Research Project, 18 October 1975.
- P31978 PARATYPES, 1 male, 2 females, north bank Wurugoj Creek, Arnhem Land, Northern Territory, Australia, [11°55'S 133°51'E], *Ceriops* mud bank, Crocodile Research Project, 18 August 1975, Site W25.
- P31979 PARATYPES, 7 males, 14.5 km from mouth at junction of Morngarrie Creek and Liverpool River, Arnhem Land, Northern Territory, Australia, [12°30'S 133°56'E], mud bank, Crocodile Research Project, 30 January 1975, Site L4.
- P31980 PARATYPES, 1 male, 3 females, 5 km from mouth, east bank Djagigala Creek, Arnhem Land, Northern Territory, Australia, [12°09'S 134°49'E], tidal mud flat, D. Grace, Crocodile Research Project, 6 September 1975.
- P31981 PARATYPE, female, 2 km from mouth, Andranangoo River, Melville Island, Northern Territory, Australia, [11°21'S 130°54'E], Crocodile Research Project, 21 June 1975.
- P31982 PARATYPE, female, 10 km from mouth, north bank Darbitla 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.
- hodgkini*, *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 Pines, 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].

*insignis*, *Dromidia* 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 PARALECTOTYPE, Cooktown, Queensland, Australia, 15°28'S 145°15'E, D. le Soeuf, [specimen clearly from type locality but not designated by Riek, 1951(b): 353; designated here as paralectotype].
- P1954 PARALECTOTYPE, same data as G1091, [specimen clearly from type locality but not designated by Riek, 1951(b): 353; designated here as paralectotype].
- P4111 PARALECTOTYPE, same data as P4110, [invalid designation of allotype status by Riek, 1951(b): 353; corrected here to paralectotype].
- P4112 PARALECTOTYPE, juvenile, same data as P4110, [invalid designation of paratype status by Riek, 1951(b): 353; corrected here to paralectotype].
- leslii*, *Leucosia* Haswell, 1879c: 48, pl. 6 fig. 1.
- P40837 LECTOTYPE, male, dry specimen, Darnley Island, 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.
- P20377 PARATYPES, 3 ovigerous females, type locality, 8 November 1973.
- P20764 PARATYPES, 2 males, type locality, 31 October 1974.
- P20766 PARATYPE, ovigerous female, 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. Lewinsohn, Israel Southern Red Sea Expedition, 20 June 1965, NS 1066.



- lowryi*, *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 sled, 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 PARATYPES, 2 males, 1 female, type locality, [re-registered from P4489].
- maccullochi*, *Cyrtomaia* Rathbun, 1918a: 4, figs 1-2, pls 1-2.
- E6263 HOLOTYPE, male, Great Australian Bight, south of Eucla, Western Australia, [33°30'S 129°28'E, 457-823 m, FIS *Endeavour* Expedition, 1909-1914.
- maccullochi*, *Pseudomicippe* Griffin & Tranter, 1986a: 230, figs 80, 85c-d, pl. 17.
- P20326 HOLOTYPE, southern end of lagoon, Lord Howe Island, Australia, [31°33'S 159°05'E], J. Booth, May 1962.
- P17015 PARATYPE, ovigerous female, Capre Cay, Swain Reefs, Coral Sea, Queensland, Australia, [22°09'S 152°46'E], Australian Museum Swain Reefs Expedition, 1962, Station 8.
- P17286 PARATYPE, Slaughter Bay, Norfolk Island, Australia, [29°02.5'S 167°57'E], from coral, just below low tide, R. and P. Southwell, 31 March 1969.
- P17396 PARATYPE, same locality as P17286, I. Milton, June 1969.
- P20325 PARATYPE, lagoon, Lord Howe Island, Australia, [31°33'S 159°05'E], bottom sand and dead coral, Australian Museum Party on RV *El Torito*, 23 February 1973, LHI 73-78.
- P29865 PARATYPES, 2 dry specimens, Lord Howe Island, Australia, [31°33'S 159°05'E], M. Ward.
- P29866 PARATYPE, type locality, 18 September 1962.
- P29867 PARATYPE, Old Settlement, Sylphs Hole, Lord Howe Island, Australia, [31°33'S 159°05'E], J. Booth, October 1962.
- P30995 PARATYPE, boat ramp rocks, lagoon, Lord Howe Island, Australia, [31°33'S 159°05'E], 2 m, N. Coleman, 26 November 1979.
- mcneilli*, *Cleistostoma* Ward, 1933: 390, pl. 21 fig. 1.
- P10637 HOLOTYPE, male, Port Curtis, Queensland, Australia, [23°55'S 151°23'E], mud flats, M. Ward, December 1929.
- macneilli*, *Demanina* Garth, 1976: 115, fig. 1a-f.
- P20629 HOLOTYPE, male, Townsville-Cairns area, Queensland, Australia, trawled, 36 m, T. Neilson, November 1967.
- 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, 1970e: 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 PARALECTOTYPES, 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 PARALECTOTYPES, 30 females, same data as P4242, [designated by George & Jones, 1982: 73].
- P4244 PARALECTOTYPES, 13 females, same data as P4242, [designated by George & Jones, 1982: 73].
- P4549 PARALECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].
- P4550 PARALECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].
- P4551 PARALECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].
- P4553 PARALECTOTYPES, male, same data as P4557, [designated by George & Jones, 1982: 73].
- P4554 PARALECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].
- P4555 PARALECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].
- P4556 PARALECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].
- P4558 PARALECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].
- P4559 PARALECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].
- P4560 PARALECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].
- P4561 PARALECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].
- P4562 PARALECTOTYPES, 2 males, same data as P4557, [designated by George & Jones, 1982: 73].
- P4563 PARALECTOTYPES, 2 males, same data as P4557, [designated by George & Jones, 1982: 73].
- P4565 PARALECTOTYPES, 7 males, same data as P4557, [designated by George & Jones, 1982: 73].
- P4566 PARALECTOTYPE, male, same data as P4557, [designated by George & Jones, 1982: 73].
- P4895 PARALECTOTYPES, 5 males, same data as P4557, [designated by George & Jones, 1982: 73].
- P5149 PARALECTOTYPE, same data as P4557, A. Kinghorn, [designated by George & Jones, 1982: 73].
- P5150 PARALECTOTYPE, male, same data as P4557, A. Kinghorn, [designated by George & Jones, 1982: 73; specimen not located, March 1993].
- P5151 PARALECTOTYPE, male, same data as P4557, A. Kinghorn, [designated by George & Jones, 1982: 73].
- P5152 PARALECTOTYPE, male, same data as P4557, A. Kinghorn, [designated by George & Jones,

1982: 73].

- P5153 PARALECTOTYPE, male, same data as P4557, A. Kinghorn, [designated by George & Jones, 1982: 73].
- P5154 PARALECTOTYPE, male, A. Kinghorn, same data as P4557, [designated by George & Jones, 1982: 73].
- P5155 PARALECTOTYPE, male, A. Kinghorn, same data as P4557, [designated by George & Jones, 1982: 73].
- P5156 PARALECTOTYPES, 5 males, 8 females, same data as P4557, [designated by George & Jones, 1982: 73].
- P5157 PARALECTOTYPES, 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*, Carcinoplax 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.

*messia*, 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 1983.
- 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, Philippine Islands, [13°00'N 120°30'E], 9 m, Mortensen Pacific Expedition, 1914-16, 3 February 1914, [donated by Zoological Museum, Copenhagen, 1983].
- molleri*, *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.
- monilifera*, *Pilumnus* Haswell, 1881c: 543.
- P733 PROBABLE LECTOTYPE, dry specimen, Tasmania, Australia, *Old Collection*, [labelled as type (A.R. McCulloch, 1908); assumed syntype, designated as lectotype by Griffin, 1972: 82].
- P2262 PROBABLE PARALECTOTYPES, 8 dry specimens, type locality, *Old Collection*, [labelled as cotypes; assumed syntypes, designated as paralectotypes by Griffin, 1972: 82].
- P40842 PARALECTOTYPES, male, female, dry specimens, type locality, [designated by Griffin, 1972: 82; on permanent loan from the Macleay Museum, University of Sydney].
- 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.
- moranti*, *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].
- moretonensis*, *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.
- moresbiensis*, *Leucosia* Haswell, 1879c: 49.
- P3906 SYNTYPE, dry specimen, Port Moresby, 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*, 11 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*, *Prosphorachaeus* 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*, *Philyra* 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.
- octodentata*, *Caphyra* 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].
- octodentata*, *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.
- paralacustris*, *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, 14e-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, pl. 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, fig. 6.
- 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, pl. 6 fig. 1a-b.
- G1380 SYNTYPES, 2 dry, 5 wet specimens, Funafuti, Ellice Islands, [8°30'S 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].
- queenlandi*, *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*, *Parathelphusa* 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.
- P2319 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*, *Pilumnopus* 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.
- sanctaerucis*, *Cyclograpsus* Griffin, 1968: 235, figs 1, 2a-b,e, 3a-b, 4a-b,g.
- P9034 HOLOTYPE, male, Carlisle Bay, Santa Cruz, Solomon Islands, [11°40'S 165°40'E], E. Troughton and A.A. Livingstone, 20 July 1926.
- P15411 PARATYPE, male, type locality.
- sanguinolentus hawaiiensis*, *Portunus* Stephenson, 1968: 388, fig. 2a.
- P15393 PARATYPES, 6 males, 2 females, Honolulu fish markets, Hawaii, United States of America, E.P. Ryan, December 1965.
- scabra*, *Actaea* Odhner, 1925: 37, pl. 2 fig. 18.
- G5542 SYNTYPE, dry specimen, Holborn Island, off Port Denison, Queensland, Australia, [19°44'S 148°22'E], A. Morton, 1921.
- P5579 SYNTYPE, same locality as G5542, E.H. Rainsford.
- sculpta*, *Dromia* Haswell, 1882c: 756.
- P117 POSSIBLE SYNTYPES, 9 specimens, Watsons Bay, Port Jackson, New South Wales, Australia, [33°51'S 151°16'E], *Old Collection*.
- P3897 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)].
- 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].
- 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].
- semperi 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, Nhathrang Bay, Vietnam, [12°15'N 109°10'E], R. Serène, 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*, *Cyonomops* Grant, 1905: 315, pl. 10 fig. 1.
- 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.

*spathulifera*, *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°30'S 152°00'E], reef, F.A. McNeill, December 1931, [published collection date: April 1933]

P11376 PARATYPE, Heron Island, Capricorn Group, Queensland, Australia, [23°27'S 151°55'E], reef, A.A. Cameron.

P15985 PARATYPE, One Tree Island, Capricorn Group, Queensland, Australia, [23°30'S 152°05'E], F.H. Talbot and Museum party, 25 September 1965, FT-30.

P17011 PARATYPE, north-west end, Gillett Cay, Swain Reefs, Queensland, Australia, [21°43'S 152°25'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].

G5150 POSSIBLE SYNTYPE, male Bowen, Port Denison, Queensland, Australia, [20°01'S 148°15'E], [labelled as type (A.R. McCulloch, 1905)].

*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 Arzana, et pêche côtière - 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*, *Pinnotheres* 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 sled, 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 sled, 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 PARALECTOTYPES, 3 males, dry specimens, type locality, [re-registered from P730; labelled as types (A.R. McCulloch, 1908); assumed syntypes, designated as paralectotypes 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.

- G5931 PARATYPES, 2 dry specimens, Port Curtis, Queensland, Australia, [23°55'S 151°23'E], F.E. Grant, February 1907, [specimens not located, March 1993].
- P10195 PARATYPE, Broome, Western Australia, [17°58'S 122°14'E], dredged, R. Bourne.
- P13989 PARATYPE, Roebuck Bay, Broome, Western Australia, [18°03'S 122°13'E], sand flat, extra low spring tide, A.A. Livingstone, 6 September 1929.
- P13990 PARATYPE, near entrance, Roebuck Bay, Broome, Western Australia, [18°03'S 122°13'E], *Lithothamnion* reef bottom, dredged, 9-15 m, A.A. Livingstone, 26 September 1929.
- P13991 PARATYPE, off Broome Wharf, Western Australia, [17°58'S 122°14'E], dredged, 7 m, A.A. Livingstone, 29 August 1929.
- P13992 PARATYPE, female, off Cape Bossutt, Western Australia, [18°10'S 122°00'E], dredged, 10 m, A.A. Livingstone, 9 September 1929.
- P15629 PARATYPE, ovigerous female, mouth of Sepik River between Cape Girgir and Kaup, Papua New Guinea, [03°50'S 144°34'E], dredged, 5-20 m, R. Eginton on MV *Tagula*, August-September 1965.
- P16666 PARATYPE, Chunda Bay, north of Townsville, Queensland, Australia, [19°17'S 147°03'E], prawn trawl, 10 m, C. Wilson, April 1967.
- P16911 PARATYPE, off Gladstone, Queensland, Australia, [23°51'S 151°16'E], mud, trawled, J. Booth, June 1963.
- P17924 PARATYPES, 3 males, 3 females, type locality.
- P17925 PARATYPES, 1 male, 2 females, off Gatcombe Head, Facing Island, Port Curtis, Queensland, Australia, [23°55'S 151°23'E], 18-24 m, M. Ward, December 1929.
- P17926 PARATYPE, female, off Sweers Island, Gulf of Carpentaria, Queensland, Australia, [17°06'S 139°07'E], trawled, 25.6 m, D.F. McMichael and J.C. Yaldwyn, CSIRO Gulf of Carpentaria Prawn Survey, 7 December 1963.
- P17927 PARATYPES, 1 male, 4 females, south-east corner, Gulf of Carpentaria, Queensland, Australia, [16°40'S 139°40'E], 14.6 m, CSIRO Gulf of Carpentaria Prawn Survey, 15 November 1963.
- trigonus*, *Macropodia* Richer de Forges, 1993: 14, fig. 5a-c.
- P40740 HOLOTYPE, female, Taupo Seamount, Tasman Sea, 33°16.85'S 156°09.15'E, limestone and sand, 244 m, 1.2 m sled, J.K. Lowry *et al.* on ORV *Franklin*, 2 February 1989, FR0589-8.
- trilineata*, *Thalamita* Stephenson & Hudson, 1957: 359, figs 2e, 3e, pl. 6 fig. 4, pl. 8 fig. s, pl. 10 fig. l.
- 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

- m, E.R. Waite on HMCS *Thetis*, 22 February 1898, Station 10, [designated by Griffin, 1966: 72].
- G2329 PARALECTOTYPES, 1 male, 2 females, type locality, [designated by Griffin, 1966: 72].
- G2330 PARALECTOTYPE, male, 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, 1966: 72].
- P1119 PARALECTOTYPE, female, 9.5-13.5 km off Bulgo, New South Wales, Australia, [34°15'S 151°10'E], 115-104 m, E.R. Waite on HMCS *Thetis*, 16 March 1898, Station 47, [designated by Griffin, 1966: 72].
- 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], *Cerriops* 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 PARATYPES, 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

m, FIS *Endeavour* Expedition, 5 August 1913.  
E5196 PARATYPES, 2 juveniles, off Gabo Island, Victoria, Australia, [38°06'S 149°55'E], 366 m, FIS *Endeavour* Expedition, 1909-1914.

*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 *Thetis*, 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 *Thetis*, 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 *Thetis*, 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 *Thetis*, 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 *Thetis*, 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 *Thetis*, 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 *Thetis*, 22 March 1898, Station 57.

P291 SYNTYPE, dry specimen, off New South Wales, Australia, HMCS *Thetis* 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.

P613 SYNTYPE, same data as G2288.

P615 SYNTYPE, same data as G2288.

P1097 SYNTYPE, 7-4.5 km off Jibbon, New South Wales, Australia, 34°07'S 151°15'E, mud and abattoir refuse, 121-91 m, E.R. Waite on HMCS *Thetis*, 16 March 1898, stn 46.

*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 *Goolgwai*, 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], trawled, 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].

P13084 PARATYPE, female, south-east Pearl Channel, Moreton Bay, Queensland, Australia, [27°25'S 153°20'E], muddy sand, trawled, 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], trawled, 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], trawled, 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], trawled, 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.



*macrophthalmus*, *Amaryllis* Haswell, 1879d: 253, pl. 8  
fig. 3.

Tasmania.

*megalophthalmus*, *Atylus* Haswell, 1880b: 102, pl. 6  
fig. 4.

Clark Island, Port Jackson.

*miersii*, *Dexamine* Haswell, 1885c: 102, pl. 13 figs  
8-12.

Thursday Island, Torres Strait, Queensland.

*miersii*, *Montagua* Haswell, 1879e: 323, pl. 24 fig. 4.

Port Jackson, New South Wales.

*obesa*, *Caprella* Haswell, 1879e: 348, pl. 24 fig. 1.

Clark Island, Port Jackson.

*pravidactyla*, *Talorchestia* Haswell, 1880b: 100, pl. 5  
fig. 5.

Tasmania.

*punctatus*, *Icilius* Haswell, 1879e: 343, pl. 23 fig. 1.

Port Jackson, New South Wales.

*quadrimana*, *Talorchestia* Haswell, 1880b: 100, pl. 6  
fig. 1.

Port Denison, Queensland.

*quadrimanus*, *Amphithoe* Haswell, 1879e: 337, pl. 21  
fig. 7.

Clark Island, Port Jackson, New South Wales.

*spinosa*, *Proto* Haswell, 1885a: 995, pl. 49 fig. 1.

Port Western, Victoria.

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

\* Botany Bay, New South Wales.

*sylvaticus*, *Talitrus* Haswell, 1879d: 246, pl. 7 fig. 1.

Rooty Hill, New South Wales.

*tenuipes*, *Polycheria* Haswell, 1879e: 345, pl. 22 fig. 8.

Port Jackson, New South Wales.

*tenuis*, *Caprella* Haswell, 1879d: 276, pl. 12 fig. 5.

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.

*inermis*, *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: PENAEIDEA

*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

*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.

*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.

*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.

*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°11'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.  
 # SYNTYPE(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.
- 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.  
 # SYNTYPE(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).

## AMPHIPODA

- anomala*, *Lysianassa* Nicholls, 1938: 17, fig. 5.  
SYNTYPES, 2 males, Macquarie Island, Australia.
- aurorae*, *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.
- mixtus*, *Parandaniexsis* 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

- juxtacarnea*, *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].  
P13044 6 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].
- 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].
- valentulus*, *Euastacus* Riek, 1951c: 380.  
P13038 female, upper reaches, Currumbin Creek, Currumbin, 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.  
G5139 dry specimen, Port Molle, Queensland, Australia, [20°16'S 148°51'E], *Old Collection*, [labelled as type (A.R. McCulloch, 1905); assumed syntype, invalid designation of holotype status by Griffin & Tranter (1986: 285). Specimen not from type locality].