

## Catalogue of type specimens of fishes in the Western Australian Museum (Second Edition)

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**ABSTRACT** – The fish collection at the Western Australian Museum contains type specimens of 704 species, of which 347 are primary types. A complete checklist is presented, including remarks on the current status of this material, synonyms, and a full bibliography. This revised catalogue supersedes the previous catalogue.

### INTRODUCTION

Prior to this catalogue, lists of fish types in the Western Australian Museum have been published on three occasions (McKay 1965, 1966a; Hutchins and Smith 1991). The first two treatments include only primary types, covering 53 species. The last was comprehensive, including 400 species of both primary and secondary types and consideration of supposed types considered to be invalid. The last catalogue provides much of the basis for the present inventory, which lists 704 species with both primary and secondary types and invalid types. This revised catalogue presents an updated list and includes additions, omissions and corrections to Hutchins and Smith (1991), and should be considered as superseding the previous catalogue.

The Western Australian Museum's fish collection was commenced in 1896 as part of a larger multidisciplinary collection. Although the accession of specimens was at first slow, the fish collection has grown into an extensive assemblage of some 170,000 registered specimens. This is reflected in the number of type specimens now representing a total of 704 species, of which 347 are primary types. Many more manuscript names for specimens housed at the Western Australian Museum are currently awaiting publication.

Although the first descriptions of new fish species in the collections of the Western Australian Museum were published more than a hundred years ago, the period of greatest activity has been the past 30 years when the then Department of Fishes was created. Prior to this, the responsibility for fishes had been with various curators whose main interests were with other vertebrate and invertebrate groups (see historical section, below).

The responsibility for the fish collection now rests with the Fish Section within the Department of Aquatic Zoology.

Current nomenclatural status and synonymy follows Eschmeyer *et al.* (2007). The order of presentation is based on Yearsley *et al.* (1997). For simplicity, measurements are given to nearest millimetre. Readers should refer to original description for more precision. The following abbreviations are used in the text:

Specimens: c/s – cleared and stained; skel. – skeletal material; SL – standard length; TL – total length.

Locations: NSW – New South Wales; NT – Northern Territory; PNG – Papua New Guinea; Qld. – Queensland; SA – South Australia; Tas. – Tasmania; Vic. – Victoria; WA – Western Australia; N – north; E – east; S – south; W – west (and combinations of these).

Institutions: are abbreviated as recommended by Leviton *et al.* (1985).

### HISTORY OF THE WESTERN AUSTRALIAN MUSEUM'S FISH COLLECTION

The collections of the Western Australian Museum were initiated by the first curator B.H. Woodward in 1896. Over the next decade and a half, a growing number of natural history specimens was accessioned into the collection employing various catalogues. These included the *Western Australian Museum Register* (1896–1900), the *Taxidermists Book* (1900–1907), the *Zoological Register* (1907–1912), and the *Catalogue of the Museum* (1896–1912) (a register of specimens on display, and not official registration numbers). The

fishes registered in these catalogues were each given a single number, some of which were prefixed by the letter 'U'. A separate *Fish Catalogue* was eventually commenced in 1912 by the assistant in natural history, W.B. Alexander. All numbers in this catalogue were prefixed by the letter 'P' (abbreviation for Pisces), a system that is still in use today. In addition, between 1966 and 1971, a *Fish Osteological Catalogue* was used to register skeletal material using the prefix 'PO' (abbreviation for Pisces Osteological). This system is no longer in use. Much of the fish material that was registered prior to 1912, and those registered under the 'PO' system, has since been re-registered using the 'P' numbering system, and none of the earlier systems are now recognised.

In 1974, the first curator to be wholly responsible for fishes, G.R. Allen, introduced a refinement to Alexander's system. This incorporated a method of registration jointly developed by the fish departments at the Australian Museum and the Natural History Museum of Los Angeles County. Instead of allocating a separate number for each specimen, as was previously the case, all taxa with identical collection data are given the same 'P' number. Each separate species is then distinguished by the addition of a different three-digit suffix in the form of '-001', '-002', etc. Thus the 'P' number component is a station number, which is further qualified by the addition of suffixes. Additional suffixes can be added when, for example, future studies show that specimens of two species were incorrectly lumped under the one species number. Specimens catalogued prior to 1974 have been incorporated into this system by, in most cases, the addition of '-001' (e.g. P.3442 is now P.3442-001). Therefore, in the list of type specimens presented below, each registration number includes a suffix, even though it may have originally been cited without this addition.

The collecting and subsequent accession of fish specimens for the Western Australian Museum collections can be divided into several periods. These are listed below, including the staff responsible and the dates for each period.

1. B.H. Woodward – 1896 to 1912.
2. W.B. Alexander – 1912 to 1920.
3. L. Glauert – 1916 to 1957.
4. G.F. Mees – 1958 to 1963.
5. R.J. McKay – 1964 to 1972.
6. J.B. Hutchins – 1972 to 2007.
7. G.R. Allen – 1974 to 1999.
8. S.M. Morrison – 2007 to present.

Most fish specimens are stored in glass jars in 70% ethanol, although larger specimens are kept in either plastic polydrums or vats. Some skeletal and cleared and stained material is also held, in addition to several mounted skins.

The majority of the collection comprises Western

Australian fauna, both marine and freshwater, but large numbers of freshwater species from Australia, Indonesia and Papua New Guinea are also present. Coral reef species from the Indo-West Pacific region are well represented, as is the inshore trawl-caught fauna of the state. A growing number of deep-water fishes from beyond the continental shelf have been added to the collection in recent years.

The size of the type collection of the Western Australian Museum has increased considerably in the years since the last type catalogue (Hutchins and Smith 1991) was published (704 versus 400 species). Much of this is due to increases in the number of types of the following families:

Pomacentridae, 81 spp. (50 in 1991); Gobiidae, 71 spp. (25); Pseudomugilidae (including Melanotaenidae – these two families are now recognised as separate), 51 spp. (34); Apogonidae, 43 spp. (13); Labridae, 40 spp. (17); Eleotridae, 36 spp. (17); Blenniidae, 17 spp. (12); Tripterygiidae, 17 spp. (4); Pseudochromidae, 14 spp. (3); Gobiiesocidae, 10 spp. (3); Plotosidae, 10 spp. (3); Soleidae, 10 spp. (1).

Despite exhaustive searches and requests to other institutions, some type material could not be found. Where this occurred, it is noted in the relevant species accounts. If there is sufficient evidence to suggest the specimens are lost, this opinion is indicated by the statement 'missing, presumed lost'. If the specimens could not be traced, but there is no direct evidence suggesting they are lost, they are labelled as 'missing'. Many specimens within the Terapontidae were irretrievably damaged while on loan (see Hutchins and Smith 1991) and this is indicated in the species accounts.

#### E.R. WAITE TYPES

The first fish types deposited at the Western Australian Museum were ten specimens representing nine species described by Waite (1905) from Western Australian Museum material, including *Catulus labiosus*, *Dipulus caecus*, *Synodus sageneus*, *Bramichthys woodwardi*, *Neatypus obliquus*, *Chaetodon assarius*, *Cynoglossus broadhursti*, *Chaetodermis maccullochi*, and *Pseudomonacanthus galii*, but confusion still exists concerning the location of some of these specimens. In 1904, the director of the Western Australian Museum, B.H. Woodward, sent two lots of specimens to the Australian Museum for identification. E.R. Waite (Curator of Fishes at the Australian Museum) identified most of the material, noting that some species appeared to be new (Waite, in litt.). These new species were subsequently described in 1905 and supposedly returned that same year. A partial list of the returned specimens, including the types of four species, is on file at the Western Australian Museum. At least two syntypes were retained by

the Australian Museum. The fate of the remaining types on their return to the Western Australian Museum, however, is open to question. Most of the specimens had originally been registered in the *Taxidermists Book* before the loans were sent to the Australian Museum (numbers 6808-6827 for the first lot, 7018-7034 for the second lot), and some of these numbers are mentioned in the correspondence between Waite and Woodward. Apparently, the types of the species described by Waite were subsequently registered in the *Catalogue of the Museum*, but not labelled as types. These registrations could not have been made on the immediate return of the specimens as they are scattered throughout the register. In 1965, McKay, while attempting to organise a type collection of Western Australian Museum fishes, re-registered specimens he regarded as being among the original material in the *Fish Catalogue*, annotating the old *Catalogue of the Museum* with the new 'P' numbers. However, it appears that some of these may not have been Waite's types (see account of *Catulus labiosus*). Also the inclusion by McKay of the supposed type of *Hoplegnathus woodwardi* (Waite 1900) in this 1965 listing is obviously an error as the type is still at the Australian Museum (AMS I.4215). Furthermore, several of these specimens are now missing and are presumed lost.

#### FIS ENDEAVOUR COLLECTION

In April 1910, August 1911, September 1913 and February 1915, portions of the fish collections made by the FIS *Endeavour*, which at the time was conducting trawling operations off Australia's southern coastline, were deposited at the Western Australian Museum. Much of this *Endeavour* material formed the basis of descriptions by McCulloch (1911, 1914a, 1915), many of which involved new species. However, even though numerous specimens were entered into the Western Australian Museum catalogues as 'co-types', much of the evidence suggests that only two of the nine listed types are valid. According to an introductory note to Vol. 1 of the *Endeavour Results*, all types and a set of 'co-types' were retained by the Australian Museum; the remaining specimens were distributed to other Australasian State museums. The valid types are *Caranx humerosus* McCulloch, 1915 and *Pempheris elongata* McCulloch, 1911. The remaining specimens appear to represent some additional non-type material referred to in the relevant descriptions by McCulloch (1914a). Following is a list of these supposed types, preceded by their Western Australian Museum registration numbers and followed by their *Endeavour* number:

P.57-001, *Plagiogenion macrolepis* McCulloch, 1914a, 2 specimens, 209-213 mm SL, E.2332, E.2406.

P.60-001, *Insidiator harrisii* McCulloch, 1914a, 130 mm SL, E.3240.

P.65-001, *Polypnus tridentifer* McCulloch, 1914a, 3 specimens, 53-63 mm SL, E.3543.

P.68-001, *Insidiator jugosus* McCulloch, 1914a, 3 specimens, 126-172 mm SL, E.2597.

P.71-001, *Centriscoops cristatus* McCulloch, 1914a, 2 specimens, 226-227 mm SL, E.2151.

P.73-001, *Allocyttus verrucosus propinquus* McCulloch, 1914a, 250 mm SL, E.3281.

P.274-001, *Hoplostethus mediterraneus latus* McCulloch, 1914a, 71 mm SL, E.2467.

#### LIST OF TYPE SPECIMENS

##### Orectolobidae

*Orectolobus hutchinsi* Last, Chidlow and Compagno, 2006: 35, figures 1, 2, 3, 4.

PARATYPES. P.4736-001, 2 specimens, 234-236 mm TL, Albany, WA, Australia; P.6702-001, 200 mm TL, Shark Bay, WA, Australia; P.6704-001, 202 mm TL, Shark Bay, WA, Australia; P.12021-001, 576 mm TL, Point Peron, WA, Australia; P.27880-001, 2 specimens, 246-341 mm TL, Bunkers Bay, WA, Australia; P.26620-001, 369 mm TL, Rottnest Island, WA, Australia; P.27731-001, 905 mm TL, Ocean Reef, WA, Australia.

##### Scyliorhinidae

*Asymbolus submaculatus* Compagno, Stevens and Last, 1999: 8, figure 2.

PARATYPES. P.711-001, 414 mm TL, Bald Island, WA, Australia; P.28483-001, 387 mm TL, Esperance, WA, Australia; P.29399-001, 414 mm TL, Bunbury, WA, Australia.

*Atelomycterus fasciatus* Compagno and Stevens, 1993: 149, figures 1, 2, 3, 4, 5a, b, 6, 7, 8, 10.

HOLOTYPE. P.8629-001, 369 mm TL, Onslow, WA, Australia.

PARATYPE. P.23838-001, 251 mm TL, Exmouth Gulf, WA, Australia.

*Catulus labiosus* Waite, 1905: 57, figure 23.

HOLOTYPE. Uncatalogued, 620 mm TL, Fremantle, WA, Australia (missing, presumed lost).

NEOTYPE. P.13253-001, 482 mm TL, no data.

REMARKS. A neotype was designated by Séret (1990) because of the confusion surrounding the whereabouts of the holotype. The latter was originally sent to AMS where it was described and subsequently returned to WAM (see section on Waite types in Introduction). The specimen later referred to by numerous workers as the holotype (see Séret (1990) for references) was selected by Whitley (1934) when he redescribed and illustrated the species. This specimen was

subsequently catalogued in 1965 as P.13253, but apparently was not remeasured. As it is only 482 mm TL – Waite gave a length of 620 mm TL in the original description – we agree with Séret that this specimen cannot be the holotype. Even though we have located several old unlabelled specimens of this species at WAM, none matches the length given by Waite. Séret's designation of the second specimen as a neotype was, however, not justified as a nomenclatural problem was not involved (see Art. 75(b), International Code of Zoological Nomenclature).

SYNONYMY. This species is now known as *Aulohalaelurus labiosus*.

*Halaelurus boesemani* Springer and D'Aubrey, 1972: 11, figure 1d.

PARATYPE. P.14836-001, 430 mm TL, Shark Bay, WA, Australia.

REMARKS. In the original description, only the holotype was identified as a type, however as data from other listed specimens were used in the description the other specimens are considered to be valid paratypes (P. Last, pers. comm.). One of these paratypes is WAM P.14836-001.

### Triakidae

*Fur ventralis* Whitley, 1943a: 397.

HOLOTYPE. P.2451-001, 1250 mm TL, Bunbury, WA, Australia.

PARATYPE. P.26679-001 (mounted skin), Houtman Abrolhos, WA, Australia.

REMARKS. Other paratypes were listed in the description, but no registration numbers were provided. The whereabouts of these other specimens is unknown.

SYNONYMY. This name is a junior synonym of *Furgaleus macki* (Whitley, 1943b).

*Hemitriakis falcata* Compagno and Stevens, 1993: 198, figures 1, 2, 3, 4, 5, 6a, c, e.

HOLOTYPE. P.26271-001, 770 mm TL, N of Rowley Shoals, WA, Australia.

PARATYPE. P.26274-007, 258 mm TL, N of Port Hedland, WA, Australia.

### Carcharhinidae

*Galeolamna (Galeolamnoides) eblis* Whitley, 1944a: 252, figure 1.

PARATYPE. P.667-001 (mounted specimen, jaws separate), 935 mm TL, Coventry Reef, WA, Australia.

SYNONYMY. This name is a junior synonym of *Carcharhinus obscurus* (Lesueur, 1818).

*Galeolamna fowleri* Whitley, 1944a: 255, figures 2, 2a.

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HOLOTYPE. P.2503-001 (jaws only), South Muiron Island, WA, Australia.

REMARKS. See Garrick (1982) for details on the confusion surrounding this species.

SYNONYMY. This name is a junior synonym of *Carcharhinus amblyrhynchos* (Bleeker, 1856).

*Longmania calamaria* Whitley, 1944a: 257, figure 4.

HOLOTYPE. P.2526-001, Busselton, WA, Australia (missing, presumed lost).

REMARKS. According to Whitley (1944a), the holotype consisted of a head and tail only, which cannot be found at WAM, so this specimen is missing, presumed lost (see Garrick [1982] for further details).

SYNONYMY. This name is a junior synonym of *Carcharhinus brevipinna* (Müller and Henle, 1839).

### Narcinidae

*Narcine lasti* de Carvalho and Séret, 2002: 396, figures 1, 2, 3, 4, 5, 6.

PARATYPES. P.26208-025, 4 specimens, 225–261 mm TL, NNW of Port Hedland, WA, Australia.

*Narcine westraliensis* McKay, 1966b: 73, figures 3, 5a, 5b, 6.

HOLOTYPE. P.6963-001, 212 mm TL, Shark Bay, WA, Australia.

PARATYPES. P.5027-001, 200 mm TL; P.6946-001, 209 mm TL; P.6947-001, 176 mm TL; P.6948-001, 212 mm TL; P.6949-001, 190 mm TL; P.6950-001, 268 mm TL; P.6951-001, 203 mm TL; P.6952-001, 189 mm TL; P.6953-001, 184 mm TL; P.6954-001, 186 mm TL; P.6955-001, 174 mm TL; P.6956-001, 187 mm TL; P.6957-001, 180 mm TL; P.6958-001, 195 mm TL; P.6959-001, 200 mm TL; P.6960-001, 110 mm TL; P.6961-001, 182 mm TL; P.6962-001, 201 mm TL; P.6964-001, 207 mm TL; P.6965-001, 160 mm TL; P.6966-001, 195 mm TL; P.6967-001, 184 mm TL; P.6968-001, 193 mm TL; P.6969-001, 157 mm TL; P.6970-001, 202 mm TL; P.6971-001, 204 mm TL; P.6972-001, 180 mm TL; P.6973-001, 117 mm TL; P.6974-001, 195 mm TL; P.6975-001, 193 mm TL; P.6996-001, 182 mm TL; P.6997-001, 197 mm TL; P.6998-001, 190 mm TL; P.6999-001, 188 mm TL; P.7003-001, 196 mm TL; P.7004-001, 189 mm TL; P.7005-001, 190 mm TL; P.7009-001, 198 mm TL; P.7016-001, 222 mm TL; P.7018-001, 238 mm TL; P.7031-001, 220 mm TL; P.7033-001, 195 mm TL; P.7035-001, 194 mm TL, all from Shark Bay, WA, Australia.

### Rajidae

*Pavoraja alleni* McEachran and Feckhelm, 1982: 8, figures 7, 8.

HOLOTYPE. P.19118-001, 297 mm TL, Rowley Shoals, WA, Australia.

PARATYPES. P.8226-001, 159 mm TL, eastern Indian Ocean; P.19117-001, 278 mm TL, Rowley Shoals, WA, Australia.

### Urolophidae

*Trygonoptera ovalis* Last and Gomon, 1987: 63, figure 1.

PARATYPES. P.27037-001, 151 mm disc width, Quindalup, WA, Australia; P.27285-001, 160 mm disc width, Mandurah, WA, Australia; P.27585-002, 141 mm disc width, Houtman Abrolhos, WA, Australia.

*Trygonoptera personata* Last and Gomon, 1987: 65, figure 2.

PARATYPES. P.8194-001, 165 mm disc width, Cottesloe Bank, WA, Australia; P.12034-001, 173 mm disc width, Shark Bay, WA, Australia; P.14104-001, 193 mm disc width, Rottnest Island, WA, Australia.

*Urolophus circularis* McKay, 1966b: 69, figure 2.

HOLOTYPE. P.8191-001, 478 mm TL, Carnac Island, WA, Australia.

*Urolophus lobatus* McKay, 1966b: 71.

HOLOTYPE. P.14133-001, 205 mm TL, Rottnest Island, WA, Australia.

PARATYPES. P.14120-001, 206 mm TL; P.14121-001, 201 mm TL; P.14122-001, 260 mm TL; P.14123-001, 225 mm TL; P.14124-001, 251 mm TL; P.14125-001, 188 mm TL; P.14126-001, 260 mm TL; P.14127-001, 202 mm TL; P.14129-001, 204 mm TL; P.14130-001, 250 mm TL; P.14131-001, 212 mm TL; P.14134-001, 223 mm TL; P.14135-001, 208 mm TL; P.14136-001, 197 mm TL; P.14137-001, 288 mm TL; P.14138-001, 239 mm TL; P.14140-001, 198 mm TL, all from Rottnest Island, WA, Australia.

*Urolophus westraliensis* Last and Gomon, 1987: 72, figure 6.

PARATYPES. P.26193-006, 225 mm disc width, Northwest Shelf, WA, Australia; P.26262-007, 182 mm disc width, W of Buccaneer Archipelago, WA, Australia.

### Muraenidae

*Gymnothorax woodwardi* McCulloch, 1912: 80, figure 1.

HOLOTYPE. P.13263-001, 515 mm TL, Pelsart Island, WA, Australia.

### Congridae

*Gnathophis melanocoelus* Karmovskaya and Paxton, 2000: S12, figure 5d.

HOLOTYPE. P.7435-001, 238 mm TL, Rottnest Island, WA, Australia.

PARATYPES. P.7436-001, 214 mm TL; P.7437-001, 230 mm TL; P.7438-001, 232 mm TL, all from Rottnest Island, WA, Australia.

REMARKS. There is considerable confusion with the registration numbers used in the type description. Originally 11 WAM specimens were examined, P.7435-001 to P.7445-001. This number series was presented as P.7435-7445 without suffixes for both the holotype and five paratypes. The holotype is P.7435-001 and the three WAM paratypes are P.7436-001, P.7437-001 and P.7438-001. The two remaining paratypes, originally registered as P.7439-001 and P.7440-001 were donated to AMS (now I.40431-001) and ZMMU (registration number unknown) respectively. The other five specimens, P.7441-001 to P.7445-001 were not listed and are non-types.

*Gnathophis microps* Karmovskaya and Paxton, 2000: S10, figure 5b.

PARATYPE. P.28056-005, 365 mm TL, Rowley Shoals, WA, Australia.

*Gnathophis nasutus* Karmovskaya and Paxton, 2000: S11, figure 5c.

PARATYPE. P.31739-001, 188 mm TL, Port Hedland, WA, Australia.

REMARKS. The type description listed AMS I.22875-001 as comprising 5 paratypes, 169–188 mm TL. Of these, 3 specimens (169–175 mm TL) were retained by AMS one the remaining transferred from AMS to WAM (P.31739-001, 188 mm TL) and ZMMU (20666, no measurement).

*Gorgasia galzini* Castle and Randall, 1999: 34, figure 22.

PARATYPES. P.28540-011, 5 specimens, 232–385 mm TL, Holmes Reef, Qld., Australia

*Heteroconger perissodon* Böhlke and Randall, 1981: 377, figures 5 right, 7.

PARATYPE. P.26788-001, 324 mm TL, Ambon Island, Indonesia.

*Leptocephalus wilsoni hesperius* Whitley, 1944b: 25, figure 1.

HOLOTYPE. P.2603-001, 464 mm TL, Leighton, WA, Australia.

SYNONYMY. This name is a junior synonym of *Conger wilsoni* (Bloch and Schneider, 1801).

### Ophichthidae

*Phyllophichthus macrurus* McKay, 1970: 4.

HOLOTYPE. P.4015-001, 465 mm TL, Kalgan River, WA, Australia.

PARATYPES. P.16789-001, 401 mm TL, Bernier Island, WA, Australia; P.16790-001, 346 mm TL, Jurien Bay, WA, Australia.

*Scolecenchelys tasmaniensis smithi* Whitley, 1944a: 262.

HOLOTYPE. P.704-001, 275 mm TL, Quindalup, WA, Australia.

PARATYPE. P.1016-001, 350 mm TL, Rottnest Island, WA, Australia.

SYNONYMY. This name is a junior synonym of *Scolecenchelys tasmaniensis* (McCulloch, 1911).

### Clupeidae

*Fluvialosa bulleri* Whitley, 1948: 267.

HOLOTYPE. P.2945-001, 120 mm SL, Ord River, WA, Australia.

SYNONYMY. This name is a junior synonym of *Nematalosa erebi* (Günther, 1868).

*Fluvialosa paracome* Whitley, 1948: 267.

HOLOTYPE. P.2619-001, 97 mm SL, Fitzroy River, WA, Australia.

SYNONYMY. This name is a junior synonym of *Nematalosa erebi* (Günther, 1868).

*Herklotsichthys collettei* Wongratana, 1987: 105, figure 1.

HOLOTYPE. P.25464-004, 108 mm SL, Shark Bay, WA, Australia.

PARATYPES. P.2544-001, 59 mm SL, Onslow, WA, Australia; P.2545-001, 67 mm SL, Onslow, WA, Australia; P.22574-001, 98 mm SL, Shark Bay, WA, Australia; P.23870-001, 97 mm SL, Exmouth Gulf, WA, Australia; P.25464-002, 6 specimens, 100–107 mm SL, Shark Bay, WA, Australia; P.26667-001, 43 mm SL, Shark Bay, WA, Australia; P.27380-001, 91 mm SL, Shark Bay, WA, Australia.

### Engraulididae

*Setipinna paxtoni* Wongratana, 1987: 109, figure 5.

HOLOTYPE. P.16267-001, 110 mm SL, Cambridge Gulf, WA, Australia.

PARATYPES. P.16268-001, 80 mm SL; P.16269-001, 94 mm SL; P.16270-001, 109 mm SL, all from Cambridge Gulf, WA, Australia.

REMARKS. The type description includes two errors: the holotype P.16267-100 should read P.16267-001 and the paratypes P.16268-70-001 should read P.16268-001, P.16269-001 and P.16270-001.

### Galaxiidae

*Galaxias pusillus nigrostriatus* Shipway, 1953: 175, figure.

HOLOTYPE. P.3420-001, 28 mm SL, Marbellup Creek, WA, Australia.

SYNONYMY. This species is now known as *Galaxiella nigrostriata*.

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*Galaxias truttaceus hesperius* Whitley, 1944a: 263.

HOLOTYPE. P.2580-001, 125 mm SL, Taylor's Inlet, WA, Australia.

SYNONYMY. This name is a junior synonym of *Galaxias truttaceus* Valenciennes, 1846.

*Galaxiella munda* McDowall, 1978: 119, figures 1, 2.

HOLOTYPE. P.25736-001, 38 mm SL, Scott River, WA, Australia.

PARATYPES. P.5225-001, 39 specimens, 23–42 mm SL, Scott River, WA, Australia.

### Lepidogalaxiidae

*Lepidogalaxias salamandroides* Mees, 1961: 33, figure 1.

HOLOTYPE. P.4887-001, 49 mm SL, Shannon River, WA, Australia.

PARATYPES. P.4888-001, 3 specimens, 32–42 mm SL, Shannon River, WA, Australia.

### Sternoptychidae

*Maurollicus javanicus* Parin and Kobylansky, 1993: 100.

PARATYPES. P.15594-001, 28 mm SL, west of North West Cape, WA, Australia; P.15595-001 to P.15601-001, 7 specimens, 27–34 mm SL, all from west of Cape Cuvier, WA, Australia.

REMARKS. The type description includes an error: the paratype P.15595 should read P.15594-001.

### Synodontidae

*Synodus sageneus* Waite, 1905: 58, Plate 8, figure 1.

HOLOTYPE. P.13254-001, 246 mm SL, between Fremantle and Houtman Abrolhos, WA, Australia.

REMARKS. This specimen has been allocated two different WAM registration numbers. It was first registered as P.13254-001 in 1965. In 1976, it was again registered as P.25509-001 as the specimen appeared to be unregistered (a paper label attached to the specimen had disintegrated). Although the latter number has been referred to in at least two papers (Cressey 1981; Paxton *et al.* 1989), the original number, as reported by McKay (1966a), is retained.

### Cobitidae

*Cobitis aurata vallachia* Nalbant, 1957: 209, figure 1.

PARATYPES. P.5938-001, 4 specimens, 42–60 mm SL, Ialomitza River, Romania.

SYNONYMY. This species is now known as *Sabanejewia aurata vallachia*.

## Ariidae

*Arius coatesi* Kailola, 1990: 18, figure 5.

PARATYPES. P.28221-001, 3 specimens, 290–390 mm SL, Angoram, PNG.

REMARKS. The type description includes an error: for the paratypes P.28221-001 there are 3 specimens, not 4.

SYNONYMY. This species is now known as *Ariopsis coatesi*.

*Arius hardenbergi* Kailola, 2000: 137, figures 7, 8.

HOLOTYPE. P.29966-001, 260 SL, Manimeri River, West Papua, Indonesia, Indonesia.

SYNONYMY. This species is now known as *Apistor hardenbergi*.

*Arius midgleyi* Kailola and Pierce, 1988: 75, figures 1, 2, 5, 6.

PARATYPES. P.21338-002, 4 specimens, 133–161 mm SL, Ord River, WA, Australia; P.25597-001, 348 mm SL, Kimberley Region, WA, Australia; P.25708-001, 224 mm SL, Forbes Beach, WA, Australia; P.28776-001 (c/s), 166 mm SL, Lake Argyle, WA, Australia.

SYNONYMY. This species is now known as *Ariopsis midgleyi*.

*Arius utarus* Kailola, 1990: 12, figure 4.

PARATYPES. P.27846-001, 4 specimens, 97–133 mm SL, Sepik River, PNG; P.28224-001, 252 mm SL, Sepik River, PNG; P.27847-010, 7 specimens, 84–118 mm SL, Kwatit River, PNG.

SYNONYMY. This species is now known as *Ariopsis utarus*.

## Plotosidae

*Euristhmus microphthalmus* Murdy and Ferraris, 2006: 84, figures 1A, 2C, 7.

PARATYPES. P.29959-003, 270 mm SL, Bintuni Bay, West Papua, Indonesia; P.29974-047, 201 mm SL, Bintuni Bay, West Papua, Indonesia.

*Euristhmus sandrae* Murdy and Ferraris, 2006: 88, figures 2E, 10.

HOLOTYPE. P.32730-001, 148 mm SL, Exmouth Gulf, WA, Australia.

*Neosiluroides cooperensis* Allen and Feinberg, 1998: 12, figure 2.

PARATYPES. P.26436-001, 3 specimens, 179–213 mm SL, Cooper Creek, SA, Australia.

*Neosilurus gloveri* Allen and Feinberg, 1998: 13, figure 3.

PARATYPES. P.29797-001, 15 specimens, 40–84 mm SL, Dalhousie Springs, SA, Australia.

*Neosilurus mollespiculum* Allen and Feinberg, 1998: 16, figure 6.

PARATYPES. P.30544-002, 345 mm SL, Fanning River, Qld., Australia; P.30545-001, 3 specimens, 144–203 mm SL; P.30546-001, 148 mm SL; P.30548-002, 2 specimens, 39–114 mm SL; P.30559-002, 3 specimens, 123–160 mm SL, all from Burdekin River, Qld., Australia

*Neosilurus pseudospinosus* Allen and Feinberg, 1998: 15, figures 4, 5.

HOLOTYPE. P.28505-007, 333 mm SL, Ord River, WA, Australia.

PARATYPES. P.25404-007, 11 specimens, 56–153 mm SL, Morgunda Creek, WA, Australia; P.25406-006, 135 mm SL, Morgunda Creek, WA, Australia; P.25410-007, 130 mm SL, Drysdale River, WA, Australia; P.25413-005, 2 specimens, 90–97 mm SL, Orchid Creek, WA, Australia; P.25420-006, 5 specimens, 89–147 mm SL, Palmoondoor Creek, WA, Australia; P.25456-011, 238 mm SL, Drysdale River, WA, Australia; P.25732-001, 21 specimens, 60–119 mm SL, Bow River, WA, Australia; P.25872-005, 280 mm SL, Manning Creek Gorge, WA, Australia; P.25876-002, 2 specimens, 127–133 mm SL, Durack River, WA, Australia; P.28505-006, 3 specimens, 102–325 mm SL, Ord River, WA, Australia.

REMARKS. The type description includes an error: for the paratypes P.28505-006 there are 3 specimens, not 8.

*Oloplotosus torobo* Allen, 1985a: 248, figure 1.

HOLOTYPE. P.28158-003, 173 mm SL, Lake Kutubu, PNG.

*Paraplotosus butleri* Allen, 1998a: 129, figure 3.

HOLOTYPE. P.27368-021, 325 mm SL, Broome, WA, Australia.

PARATYPES. P.24084-001, 238 mm SL, Kendrew Island, WA, Australia; P.24270-001, 257 mm SL, Kendrew Island, WA, Australia; P.25108-022, 104 mm SL, Kendrew Island, WA, Australia; P.25117-006, 40.5 mm SL, Lady Nora Island, WA, Australia; P.25368-007, 80 mm SL, North West Cape, WA, Australia; P.25374-009, 5 specimens, 100–115 mm SL, North West Cape, WA, Australia; P.25711-001, 199 mm SL, North West Cape, WA, Australia (missing); P.25813-013, 2 specimens, 79–111 mm SL, South Muiron Island, WA, Australia; P.27967-004, 90 mm SL, Point Quobba, WA, Australia; P.27980-013, 2 specimens, 168–281 mm SL, Monte Bello Islands, WA, Australia; P.28416-009, 5 specimens, 67–265 mm SL, Gantheume Point, WA, Australia; P.30847-014, 225 mm SL, Cassini Island, WA, Australia; P.31088-008, 4 specimens, 42–183 mm SL, Napier Broome Bay, WA, Australia; P.31091-003, 3 specimens, 26–130 mm SL, Napier Broome Bay, WA, Australia.

*Tandanus bostocki* Whitley, 1944a: 260.

HOLOTYPE. P.241-001, 370 mm SL, Serpentine, WA, Australia (invalid designation).

REMARKS. Whitley (1944) proposed *Tandanus bostocki* as a replacement name for *Plotosus unicolor* Castelnau, 1873 (preoccupied by *P. unicolor* Valenciennes, 1840), a freshwater species described from WA, Australia. Whitley presented a redescription of the species and nominated one of his specimens as the holotype. However, under the provisions of International Code of Zoological Nomenclature (Article 72.7), the type of the species must remain with the extant syntype of *P. unicolor* (NMV A.11773, formerly registered as NMV 51851), one of Castelnau's two syntypes (the other is missing, presumed lost). Therefore the holotype cited above has no validity.

*Tandanus coatesi* Allen, 1985a: 252, figure 3.

HOLOTYPE. P.27839-007, 139 mm SL, Ninar River, PNG.

PARATYPES. P.27839-005, 50 specimens, 36–113 mm SL, Ninar River, PNG; P.27840-005, 68 mm SL, Lumi River, PNG.

#### Batrachoididae

*Batrachoides waltersi* Collette and Russo, 1981: 208, figure 5.

PARATYPES. P.26494-001, 2 specimens, 72–84 mm SL, Jiquilisco Bay, El Salvador

REMARKS. The type description includes an error: the paratypes P.2649-001 should read P.26494-001.

*Batrachomoeus occidentalis* Hutchins, 1976: 23, figures 9, 10.

HOLOTYPE. P.23702-001, 169 mm SL, Exmouth Gulf, WA, Australia.

PARATYPES. P.9343-001, 32 mm SL, North West Cape, WA, Australia; P.23876-001, 113 mm SL, North West Cape, WA, Australia; P.23877-001, 131 mm SL (skel.), North West Cape, WA, Australia; P.25091-001, 32 mm SL, Green Head, WA, Australia; P.25092-001, 33 mm SL, Rottnest Island, WA, Australia; P.25093-001, 2 specimens, 73–104 mm SL (1 skel.), Rottnest Island, WA, Australia.

REMARKS. The type description lists paratypes P.23876-7. These specimens are now registered as P.23876-001 and P.23877-001.

*Batrachomoeus rubricephalus* Hutchins, 1976: 30, figures 12.

HOLOTYPE. P.25082-001, 211 mm SL, Garden Island, WA, Australia.

PARATYPES. P.159-001, 196 mm SL (skel.), Eucla, WA, Australia; P.1195-001, 232 mm SL, Point Peron, WA, Australia; P.4003-001, 262 mm SL,

Rottnest Island, WA, Australia; P.4292-001, 203 mm SL, near Perth, WA, Australia; P.5792-001, 191 mm SL, Safety Bay, WA, Australia; P.6092-001, 214 mm SL, Cervantes, WA, Australia; P.7120-001, 256 mm SL, Lancelin Island, WA, Australia; P.7122-001, 236 mm SL, Shoalwater Bay, WA, Australia; P.7198-001, 256 mm SL, Marmion, WA, Australia; P.14788-001, 193 mm SL, Houtman Abrolhos, WA, Australia; P.25083-001, 222 mm SL (skel.), Recherche Archipelago, WA, Australia; P.25123-001, 111 mm SL, Cliff Head Point, WA, Australia.

*Halophryne ocellatus* Hutchins, 1974: 115, figures 1, 3a.

HOLOTYPE. P.5956-001, 190 mm SL, Houtman Abrolhos, WA, Australia.

PARATYPES. P.3364-001, 138 mm SL, Houtman Abrolhos, WA, Australia; P.5851-001, 2 specimens, 109–127 mm SL, Shark Bay, WA, Australia; P.5955-001, 102 mm SL, Shark Bay, WA, Australia; P.6149-001, 136 mm SL, Shark Bay, WA, Australia; P.6260-001, 130 mm SL, Shark Bay, WA, Australia; P.7148-001, 47 mm SL, Dampier Archipelago, WA, Australia; P.9393-001, 43 mm SL, Exmouth Gulf, WA, Australia; P.9394-001, 45 mm SL, Exmouth Gulf, WA, Australia; P.12073-001, 38 mm SL, Exmouth Gulf, WA, Australia; P.13767-001, 75 mm SL, Shark Bay, WA, Australia; P.13768-001, 98 mm SL, Shark Bay, WA, Australia; P.13769-001, 98 mm SL, Shark Bay, WA, Australia; P.14653-001, 101 mm SL, Shark Bay, WA, Australia; P.14833-001, 124 mm SL, Shark Bay, WA, Australia; P.16296-001, 102 mm SL, Exmouth Gulf, WA, Australia; P.16483-001, 88 mm SL, Broome, WA, Australia; P.23604-001, 99 mm SL, Carnarvon, WA, Australia; P.24830-001, 23 mm SL, Carnarvon, WA, Australia; P.24562-001, 101 mm SL, Onslow area, WA, Australia; P.24829-001, 231 mm SL, Kalbarri, WA, Australia.

#### Gobiesocidae

*Alabes brevis* Springer and Fraser, 1976: 19.

HOLOTYPE. P.24385-001, 20 mm SL, Rottnest Island, WA, Australia.

PARATYPES. P.24386-001, 16 mm SL, Rottnest Island, WA, Australia; P.24387-001, 23 mm SL, Rottnest Island, WA, Australia.

REMARKS. The type description lists paratypes P.24386-7. These specimens are now registered as P.24386-001 and P.24387-001.

*Alabes elongata* Hutchins and Morrison, 2004: 150, figure 2.

HOLOTYPE. P.28296-003, 86 mm SL, Mondrain Island, WA, Australia.

PARATYPES. P.26004-012, 56 mm SL, Recherche Archipelago, WA, Australia; P.28280-002 (c/s),



58 mm SL, Israelite Bay, WA, Australia; P.28296-050, 92 mm SL, Mondrain Island, WA, Australia; P.32205-001, 42 mm SL, Cervantes, WA, Australia.

*Alabes gibbosa* Hutchins and Morrison, 2004: 151, figure 3.

HOLOTYPE. P.27985-001, 67 mm SL, Carnac Island, WA, Australia.

PARATYPES. P.32206-001, 91 mm SL, Safety Bay, WA, Australia; P.32207-001 (c/s), 71 mm SL, Carnac Island, WA, Australia; P.32208-001, 87 mm SL, Rottnest Island, WA, Australia; P.32209-001, 84 mm SL, Cockburn Sound, WA, Australia. REMARKS. The type description includes an error: the year of collection for the holotype is 1983, not 1982.

*Alabes occidentalis* Hutchins and Morrison, 2004: 153, figure 4.

HOLOTYPE. P.25465-001, 36 mm SL, Safety Bay, WA, Australia.

PARATYPES. P.25465-004, 3 specimens, 22–40 mm SL, Safety Bay, WA, Australia; P.25805-002, 26 mm SL, Garden Island, WA, Australia; P.27952-012, 5 specimens, 17–31 mm SL, Jurien Bay, WA, Australia; P.28267-001, 5 specimens, 34–38 mm SL, Carnac Island, WA, Australia; P.28280-001, 6 specimens (2 c/s), 27–35 mm SL, Israelite Bay, WA, Australia; P.28291-001, 3 specimens, 27–30 mm SL, Twilight Cove, WA, Australia; P.30384-002, 4 specimens, 29–39 mm SL, Rottnest Island, WA, Australia.

*Alabes scotti* Hutchins and Morrison, 2004: 155, figure 5.

PARATYPE. P.32222-001 (c/s), 43 mm SL, Tathra, NSW, Australia.

*Aspasmogaster occidentalis* Hutchins, 1984: 131, figures 1, 3, 4, 5.

HOLOTYPE. P.27882-001, 66 mm SL, Bunkers Bay, WA, Australia.

PARATYPES. P.25770-022, 3 specimens (1 c/s), 22–80 mm SL, Recherche Archipelago, WA, Australia; P.25774-008, 55 mm SL, Recherche Archipelago, WA, Australia; P.26000-013, 23 mm SL, Recherche Archipelago, WA, Australia; P.26002-007 (c/s), 25 mm SL, Recherche Archipelago, WA, Australia; P.26007-006, 70 mm SL, Recherche Archipelago, WA, Australia; P.26009-003, 68 mm SL, Recherche Archipelago, WA, Australia; P.26546-005, 62 mm SL, Saddle Island, WA, Australia; P.26620-004, 26 mm SL, Rottnest Island, WA, Australia; P.27880-003, 3 specimens, 67–93 mm SL, Bunkers Bay, WA, Australia.

*Cochleoceps bassensis* Hutchins, 1983: 40, figures 3b, 4b, 5, 6, 7.

PARATYPE. P.27750-001 (c/s), 40 mm SL, Bass Strait, Tas., Australia

*Cochleoceps bicolor* Hutchins, 1991: 663, figures 4b, 5, 6, 7.

HOLOTYPE. P.28522-002, 22 mm SL, Flinders Island, WA, Australia.

PARATYPES. P.25763-002, 13 mm SL, Recherche Archipelago, WA, Australia; P.28296-007, 7 specimens, 14–26 mm SL, Recherche Archipelago, WA, Australia; P.26608-025 (c/s), 20 mm SL, Cheyne Beach, WA, Australia; P.28265-001, 30 mm SL, Rottnest Island, WA, Australia; P.28293-007, 4 specimens, 15–22 mm SL, Lucky Bay, WA, Australia; P.28300-003, 4 specimens, 18–21 mm SL, Lucky Bay, WA, Australia.

*Cochleoceps orientalis* Hutchins, 1991: 668, figure 8.

HOLOTYPE. P.27103-001, 22 mm SL, Big Island, NSW, Australia.

PARATYPES. P.27103-002, 3 specimens (1 c/s), 21–23 mm SL, Big Island, NSW, Australia.

*Cochleoceps viridis* Hutchins, 1991: 656, figures 1, 2, 3, 4a.

HOLOTYPE. P.26604-015, 39 mm SL, Albany, WA, Australia.

PARATYPES. P.26455-011, 5 specimens, 14–21 mm SL, Geographe Bay, WA, Australia; P.26604-009, 6 specimens (1 c/s), 30–36 mm SL, Albany, WA, Australia; P.26622-004, 5 specimens, 29–33 mm SL, Rottnest Island, WA, Australia; P.28267-003, 7 specimens, 23–27 mm SL, Carnac Island, WA, Australia; P.28280-004, 2 specimens, 33–33 mm SL, Israelite Bay, WA, Australia; P.28288-003, 39 mm SL, Israelite Bay, WA, Australia.

#### Antennariidae

*Echinophryne glauerti* Whitley, 1944a: 272.

HOLOTYPE. P.1459-001, 131 mm SL, Cottesloe, WA, Australia.

PARATYPE. P.1232-001, 60 mm SL, Cottesloe, WA, Australia.

SYNONYMY. This species is now known as *Allenichthys glauerti*.

*Lophiocharon hutchinsi* Pietsch, 2004: 160, Plate 1.

HOLOTYPE. P.27673-002, 43 mm SL, James Price Point, WA, Australia.

PARATYPES. P.24486-001, 33 mm SL, Exmouth Gulf, WA, Australia; P.28416-015, 2 specimens, 19–29 mm SL, Gantheume Point, WA, Australia; P.31884-001, 31 mm SL, Dampier Archipelago, WA, Australia.

*Cheironectes trisignatus* Richardson, 1844: 15, Plate 9 (figure 1).

NEOTYPE. P.27274-013, 74 mm SL, Broome, WA, Australia.

REMARKS. Pietsch and Grobecker (1987) designated this neotype because of the confusion between this species – for which the type has been lost – and *C. caudimaculatus* Rüppell, 1829 which is a junior synonym of *Antennarius commersoni* (Latreille, 1804).

SYNONYMY. This species is now known as *Lophiocharon trisignatus*.

*Rhycherus gloveri* Pietsch, 1984: 70, figure 3b.

PARATYPES. P.3114-001, 115 mm SL, North Beach, WA, Australia; P.5814-001, 103, Warnboro Beach, WA, Australia; P.12111-001, 111 mm SL, Ledge Point, WA, Australia; P.2315-001, 87 mm SL, Cottesloe, WA, Australia; P.24867-001, 100 mm SL, Perth, WA, Australia.

### Moridae

*Eeyorius hutchinsi* Paulin, 1986: 204, figure 2.

HOLOTYPE. P.27128-001, 194 mm SL, Port Phillip Bay, Vic., Australia

PARATYPES. P.25781-002, 145 mm SL, Rottnest Island, WA, Australia; P.27123-001, 105 mm SL, Wilson's Promontory, Vic., Australia; P.27126-001, 2 specimens (1 c/s), 87–209 mm SL, Wilson's Promontory, Vic., Australia (c/s specimen missing); P.27545-001, 178 mm SL, Port Esperance, Tas., Australia; P.27545-002, 3 specimens, 89–180 mm SL, Port Esperance, Tas., Australia; P.27549-006, 245 mm SL, Port Arthur, Tas., Australia; P.27564-003, 183 mm SL, Bridport, Tas., Australia; P.27616-003, 160 mm SL, Rottnest Island, WA, Australia.

### Ophidiidae

*Neobythites australiensis* Nielsen, 2002: 20, figure 10.

HOLOTYPE. P.28107-001, 230 mm SL, vicinity of Rowley Shoals, WA, Australia.

PARATYPES. P.25395-008, 212 mm SL; P.25401-009, 195 mm SL; P.28107-002, 180 mm SL; P.30585-004, 245 mm SL, all from vicinity of Rowley Shoals, WA, Australia.

*Sirembo metachroma* Cohen and Robins, 1986: 253, Plate 1a, b.

PARATYPE. P.25739-005, 140 mm SL, Moreton Bay, Qld., Australia

### Bythitidae

*Diancistrus alleni* Schwarzhans, Møller and Nielsen, 2005: 91, figures 9, 10, 11.

PARATYPES. P.27469-009, 48 mm SL, Escape Reef, QLD; P.28554-003, 3 specimens, 44–59 mm SL, Chagos Archipelago, Indian, Ocean; P.30340-010, 2 specimens, 45–60 mm SL, Madang, PNG; P.30844-049, 29 mm SL,

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Hibernia Reef, WA, Australia; P.31144-024, 2 specimens, 33–49 mm SL, Kimbe, Bay, PNG; P.31202-002, 2 specimens, 34–50 mm SL, East Montalivet Island, WA, Australia; P.31437-037, 2 specimens, 52–58 mm SL, Ashmore Reef, WA, Australia; P.31438-083, 3 specimens, 30–54 mm SL, Ashmore Reef, WA, Australia; P.31654-002, 2 specimens, 51–51 mm SL, Ingram Shoals, WA, Australia.

*Diancistrus altidorsalis* Schwarzhans, Møller and Nielsen, 2005: 95, figures 13, 14.

HOLOTYPE. P.30410-001, 66 mm SL, Bodgaya Islands, Malaysia.

PARATYPES. P.31213-007, 63 mm SL, Madang Lagoon, PNG; P.31355-026, 3 specimens, 61–79 mm SL, Irai Island, PNG; P.31491-001, 4 specimens, 38–95 mm SL, Togean Islands, Indonesia; P.31736-004, 35 mm SL, Panarairai, PNG.

*Diancistrus beatae* Schwarzhans, Møller and Nielsen, 2005: 100, figures 18, 19.

PARATYPES. P.30618-031, 2 specimens, 53–82 mm SL, Madang, PNG; P.31144-025, 2 specimens, 39–74 mm SL, Kimbe Bay, PNG; P.31438-006, 81 mm SL, Ashmore Reef, WA, Australia.

REMARKS. The type description includes an error: the paratypes P.30618-031 were collected at Madang, PNG (05°09'N, 145°50'E), not Togean Islands, Indonesia.

*Diancistrus fijiensis* Schwarzhans, Møller and Nielsen, 2005: 110, figures 27, 28.

PARATYPE. P.30791-001, 43 mm SL, Dravuni Island, Fiji.

*Diancistrus jeffjohnsoni* Schwarzhans, Møller and Nielsen, 2005: 117, figures 34, 35.

PARATYPES. P.27967-005, 3 specimens, 43–61 mm SL, Carnarvon, WA, Australia; P.27980-064, 53 mm SL, Monte Bello Islands, WA, Australia; P.30920-002, 4 specimens, 41–49 mm SL, Heywood Islands, WA, Australia; P.31251-055, 4 specimens, 51–59 mm SL, Montgomery Reef, WA, Australia; P.31389-001, 37 mm SL, Beagle Bay, WA, Australia.

*Diancistrus mcgrouteri* Schwarzhans, Møller and Nielsen, 2005: 129, figures 45, 46.

HOLOTYPE. P.29627-047, 36 mm SL, Holmes Reef, QLD.

PARATYPE. P.27469-010, 43 mm SL, Escape Reef, QLD.

*Diancistrus niger* Schwarzhans, Møller and Nielsen, 2005: 138, figures 53, 54.

HOLOTYPE. P.31543-005, 40 mm SL, Mansuar Island, West Papua, Indonesia.

PARATYPES. P.31541-011, 45 mm SL, Batanta Island, West Papua, Indonesia; P.31543-004, 4

specimens, 30–44 mm SL, Mansuar Island, West Papua, Indonesia.

*Dinematichthys dasyrhynchus* Cohen and Hutchins, 1982: 342, figure 1.

HOLOTYPE. P.26614-010, 88 mm SL, Rottneest Island, WA, Australia.

PARATYPES. P.4683-001, 94 mm SL; P.25725-017, 2 specimens, 102 mm SL; P.25781-013, 99 mm SL; P.26616-009, 5 specimens, 57–116 mm SL; P.26619-015, 2 specimens, 111–121 mm SL; P.26620-010, 2 specimens, 84–119 mm SL; P.27146-001, 2 specimens, 57–119 mm SL, all from Rottneest Island, WA, Australia.

*Diplacanthopoma kreffti* Cohen and Nielsen, 2002: 12, figure 1.

HOLOTYPE. P.30586-002, 96 mm SL, NW Shelf, WA, Australia.

*Dipulus caecus* Waite, 1905: 78, Plate 11 (figure 2).

HOLOTYPE. P.13261-001, 152 mm SL, Fremantle, WA, Australia.

*Microbrotula polyactis* Anderson, 2005: 38, figure 2.

PARATYPE. P.30811-005, 29 mm SL, Sulawesi, Indonesia.

#### Macrouridae

*Caelorinchus thurla* Iwamoto and Williams, 1999: 164, figure 23.

HOLOTYPE. P.21638-001, 210 mm SL, NW Shelf, WA, Australia.

PARATYPES. P.21639-001 to P.21642-001, 4 specimens, 105–187 mm SL, NW Shelf, WA, Australia; P.26270-016, 3 specimens, 174–193 mm SL, NW Shelf, WA, Australia.

REMARKS. The type description includes two errors: the holotype P.21638-43 should read P.21638-001 and the paratypes P.21638-43 should read P.21639-001 to P.21642-001. Specimen P.21643-001 is non-type.

#### Hemiramphidae

*Zenarchopterus ornithocephala* Collette, 1985: 107, figure 2.

PARATYPE. P.27868-004, 94 mm SL, Senopi, West Papua, Indonesia.

#### Pseudomugilidae

*Chilatherina alleni* Price, 1997: 79, figures 1, 2.

PARATYPES. P.31029-001, 5 specimens, 44–66 mm SL, Siritwo, West Papua, Indonesia.

*Chilatherina axelrodi* Allen, 1979: 49, figure.

HOLOTYPE. P.26739-001, 81 mm SL, Pual River system, PNG.

PARATYPES. P.26739-002, 22 specimens, 35–85 mm SL, Pual River system, PNG.

*Chilatherina bleheri* Allen, 1985b: 54, figures 1, 2.

PARATYPES. P.27869-001, 30 specimens, 24–84 mm SL (missing); P.27870-001, 4 specimens, 74–90 mm SL; P.27871-001, 10 specimens, 47–92 mm SL, all from Lake Holmes, West Papua, Indonesia.

*Chilatherina pricei* Allen and Renyaan, 1996a: 5, figures 1, 2, 3.

PARATYPES. P.31033-011, 4 specimens, 53–79 mm SL; P.31034-008, 7 specimens, 59–81 mm SL; P.31041-002, 68 mm SL, all from Reifafeif River, West Papua, Indonesia.

*Glossolepis dorytyi* Allen, 2001a: 767, figures 1, 2.

PARATYPES. P.31761-001, 6 specimens, 78–115 mm SL, Lake Nenggwambu, West Papua, Indonesia.

REMARKS. The type description includes an error: for the paratypes P.31761-001 there are 6 specimens, not 14. The other eight paratypes are at MZB (MZB 10934).

*Glossolepis leggetti* Allen and Renyaan, 1998: 72, figures 2, 3.

PARATYPES. P.31455-002, 24 specimens, 44–78 mm SL, Tiawiwa River tributary, West Papua, Indonesia;

P.31459-004, 93 mm SL, Wapoga River tributary, West Papua, Indonesia.

*Glossolepis maculosus* Allen, 1981a: 302, figure 1.

HOLOTYPE. P.26977-001, 46 mm SL, Omsis River, PNG.

PARATYPES. P.26976-003, 47 mm SL, Omsis River, PNG; P.26977-004, 3 specimens, 24–44 mm SL, Omsis River, PNG.

REMARKS. The type description includes two errors: the holotype P.26976-001 should read P.26977-001 and the paratypes P.26976-004 should read P.26977-004.

*Glossolepis pseudoincisus* Allen and Cross, 1980: 392, figure 5.

PARATYPES. P.26793-001, 5 specimens, 60–77 mm SL, Tami River, West Papua, Indonesia.

*Glossolepis ramuensis* Allen, 1985b: 56, figure 4.

HOLOTYPE. P.28187-004, 55 mm SL, Ramu River, PNG.

REMARKS. The type description includes an error: the type locality of Ramuy River should read Ramu River.

*Glossolepis wanamensis* Allen and Kailola, 1979: 40, figures 1, 2.

HOLOTYPE. P.26420-001, 80 mm SL, Lake Wanam, PNG.

PARATYPES. P.26420-002, 31 specimens, 57–83 mm

SL, Lake Wanam, PNG.

REMARKS. The type description lists 35 paratypes for P.26420-002. Four specimens were donated to AMNH (AMNH 51593) in 1982, leaving 31 specimens at WAM.

*Kiunga ballochi* Allen, 1983a: 73, figures 1a, 1b.

HOLOTYPE. P.27797-001, 24 mm SL, Fly River tributary, PNG.

PARATYPES. P.27797-002, 40 specimens (3 c/s), 15–26 mm SL, Fly River tributary, PNG; P.27798-001, 21 specimens, 18–28 mm SL, Fly River tributary, PNG.

*Kiunga bleheri* Allen, 2004a: 80, figures 1, 2, 3, 4.

HOLOTYPE. P.32455-001, 28 mm SL, Tare Creek, PNG.

PARATYPES. P.31572-001, 2 specimens, 20–25 mm SL, Fly River tributary, PNG; P.32455-002, 4 specimens, 17–26 mm SL, Tare Creek, PNG.

REMARKS. The 2 specimens in paratypes P.31572-001 includes one specimen originally P.31572-002.

*Melanotaenia ajamaruensis* Allen and Cross, 1980: 384, figure 2.

PARATYPES. P.26792-001, 5 specimens, 44–68 mm SL, Ajamaru Lakes, West Papua, Indonesia.

REMARKS. The type description includes an error: for the paratypes P.26792-001 there are 5 specimens, not 6.

*Melanotaenia angfa* Allen, 1990: 103, figure 3.

PARATYPES. P.29969-001, 31 specimens (2 c/s), 32–97 mm SL, Pondok Creek, West Papua, Indonesia; P.29971-001, 2 specimens, 105–114 mm SL, Kurumoi Creek, West Papua, Indonesia.

*Melanotaenia arfakensis* Allen, 1990: 105, figure 4.

PARATYPES. P.29950-001, 62 specimens (4 c/s), 21–66 mm SL, Sub River, West Papua, Indonesia.

*Melanotaenia batanta* Allen and Renyaan, 1998: 75, figure 6.

PARATYPES. P.31461-001, 5 specimens, 39–66 mm SL, Batanta Island, Indonesia.

*Melanotaenia boesemani* Allen and Cross, 1980: 379, figure 1.

PARATYPES. P.26791-001, 3 specimens, 50–63 mm SL, Ajamaru Lakes, West Papua, Indonesia.

*Melanotaenia caerulea* Allen, 1996a: 10, figures 1, 2.

HOLOTYPE. P.30986-001, 62 mm SL, tributary of Au Creek, PNG.

PARATYPES. P.30966-001, 23 specimens, 24–47 mm SL, Kikori, PNG; P.30980-001, 26 specimens, 24–40 mm SL, Kikori, PNG; P.30981-005, 6 specimens, 22–32 mm SL, Au Creek, PNG; P.30984-002, 47 specimens, 22–57 mm SL, Mubi River, PNG; P.30985-002, 4 specimens, 30–36

mm SL, Ofake Creek, PNG; P.30986-002, 6 specimens, 38–52 mm SL, Au Creek, PNG.

*Melanotaenia corona* Allen, 1982a: 174, figure 1.

PARATYPES. P.27386-001, 85 mm SL, Sermowai River, PNG.

*Melanotaenia eachamensis* Allen and Cross, 1982: 45.

PARATYPES. P.26386-001, 76 specimens, 25–63 mm SL, Lake Eacham, Qld., Australia

REMARKS. The type description lists 80 specimens for paratypes P. 26386-001. However, four specimens were donated to AMNH (AMNH 51596) in 1982, leaving 76 specimens at WAM.

*Melanotaenia exquisita* Allen, 1978: 97, figure.

HOLOTYPE. P.25897-001, 59 mm SL, Edith River, NT, Australia.

PARATYPES. P.25897-002, 96 specimens (5 c/s), 20–49 mm SL, Edith River, NT, Australia.

REMARKS. The type description lists 105 paratypes for P.25873-002. Five specimens were donated to AMNH (AMNH 51595) in 1982, leaving 96 specimens at WAM. The location of the remaining four is unknown.

*Melanotaenia gracilis* Allen, 1978: 98, figure.

HOLOTYPE. P.25410-011, 68 mm SL, Drysdale River, WA, Australia.

PARATYPES. P.25402-007, 4 specimens, 53–58 mm SL, Morgunda Creek, WA, Australia; P.25404-005, 19 specimens (4 c/s), 32–66 mm SL, Morgunda Creek, WA, Australia; P.25405-002, 4 specimens, 28–42 mm SL, Morgunda Creek, WA, Australia; P.25406-005, 3 specimens, 28–30 mm SL, Morgunda Creek, WA, Australia; P.25410-006, 13 specimens, 32–64 mm SL, Drysdale River, WA, Australia; P.25426-004, 7 specimens, 27–43 mm SL, Forest Creek, WA, Australia; P.25427-006, 35 specimens, 27–66 mm SL, Drysdale River, WA, Australia; P.25457-004, 9 specimens (4 c/s), 30–55 mm SL, Crossland Creek, WA, Australia; P.25873-002, 74, 21–52 mm SL, Drysdale River, WA, Australia.

REMARKS. The type description lists 80 paratypes for P.25873-002. Five specimens were donated to AMNH (AMNH 51619) in 1982, leaving 74 specimens at WAM. The location of the remaining specimen is unknown.

*Melanotaenia herbertaxelrodi* Allen, 1981b: 31, figure.

HOLOTYPE. P.26972-001, 61 mm SL, Purari River, PNG.

PARATYPES. P.26972-002, 36 specimens, 26–84 mm SL, Purari River, PNG.

REMARKS. The type description lists 41 paratypes for P.26972-002. Five specimens were donated to

- AMNH (AMNH 51593) in 1982, leaving 36 specimens at WAM.
- Melanotaenia irianjaya* Allen, 1985b: 58, figures 7, 8.  
 PARATYPES. P.27863-001, 12 specimens, 29.5–50.5 mm SL, Fruata Stream, West Papua, Indonesia; P.27864-001, 32 specimens, 21–55 mm SL, Merdai River, West Papua, Indonesia; P.27867-001, 41 specimens, 13–53 mm SL, Auk River, West Papua, Indonesia; P.27868-001, 17 specimens, 14–47 mm SL, Senopi River, West Papua, Indonesia.  
 REMARKS. The type description includes two errors: the paratypes P.27868-001 should read P.27867-001 and the paratypes P.27869-001 should read P.27868-001.
- Melanotaenia iris* Allen, 1987a: 15, figures 1, 2.  
 HOLOTYPE. P.28480-001, 95 mm SL, Logatyu River, PNG.  
 PARATYPES. P.28480-002, 2 specimens, 79–82 mm SL, Logatyu River, PNG.
- Melanotaenia kamaka* Allen and Renyaan, 1996b: 15, figures 2, 3, 14, 15.  
 PARATYPES. P.30519-001, 10 specimens, 42–60 mm SL, Triton Lakes, West Papua, Indonesia.
- Melanotaenia lakamora* Allen and Renyaan, 1996b: 17, figures 6, 7, 8, 16, 17.  
 PARATYPES. P.31042-004, 6 specimens, 256–54 mm SL, Triton Lakes, West Papua, Indonesia; P.31043-001, 22 specimens, 38–52 mm SL, Triton Lakes, West Papua, Indonesia.
- Melanotaenia maculata* Weber, 1907: 239, Plate 11 (figure 4).  
 PARALECTOTYPE. P.26783-001, 73 mm SL, Merauke River, PNG.  
 REMARKS. This specimen was transferred to WAM from ZMA in 1979 (original registration number ZMA 110-168).
- Melanotaenia maylandi* Allen, 1983b: 84, figures 1, 2.  
 PARATYPES. P.27869-002, 8 specimens, 42–89 mm SL, Lake Holmes, West Papua, Indonesia.
- Melanotaenia misoolensis* Allen, 1982b: 107, figure 1.  
 PARATYPES. P.27379-001, 2 specimens, 53–58 mm SL, Misool Island, Indonesia.  
 REMARKS. The type description includes an error: the paratypes P.27279-001 should read P.27379-001.
- Melanotaenia monticola* Allen, 1980: 45, figure 5.  
 HOLOTYPE. P.26747-001, 68 mm SL, Omei Creek, PNG.  
 PARATYPES. P.26747-002, 20 specimens, 21–74 mm SL, Omei Creek, PNG.
- REMARKS. The type description includes two errors: the holotype P.26741-001 should read P.26747-001 and the paratypes P.26741-002 should read P.26747-002.
- Melanotaenia mubiensis* Allen, 1996a: 13, figure 5.  
 HOLOTYPE. P.30984-001, 93 mm SL, Mubi River, PNG.  
 PARATYPES. P.30981-002, 5 specimens, 19–73 mm SL, Au Creek, PNG; P.30983-001, 8 specimens, 19–96 mm SL, Digibu River, PNG; P.30984-006, 20 specimens, 23–80 mm SL, Mubi River, PNG; P.30985-001, 2 specimens, 46–55 mm SL, Ofake Creek, PNG.
- Melanotaenia papuae* Allen, 1981c: 50, figures 1, 3.  
 HOLOTYPE. P.26393-002, 60 mm SL, Mount Diamond, PNG.  
 PARATYPES. P.26393-001, 34 specimens, 18–54 mm SL, Mount Diamond, PNG; P.26394-001, 8 specimens, 37–47 mm SL, near Port Moresby, PNG; P.26395-001, 116 specimens 19–42 mm SL, Dasiana Creek, PNG; P.26396-001, 43 specimens, 22–57 mm SL, Brown River, PNG; P.26399-001, 20 specimens, 22–39 mm SL, Veimauri, PNG; P.26400-001, 21 specimens, 16–42 mm SL, Port Moresby, PNG; P.26403-001, 13 specimens, 31–60 mm SL, Goldie River, PNG; P.26404-001, 36 mm SL, Brown River, PNG; P.26405-001, 21 specimens (4 c/s), 30–44 mm SL, small stream near Brown River, PNG; P.26406-001, 2 specimens, 44–48 mm SL, Eilogo Creek, PNG.
- Melanotaenia parkinsoni* Allen, 1980: 43, figures 1, 2.  
 HOLOTYPE. P.26401-003, 98 mm SL, near Matairuka, PNG.  
 PARATYPES. P.26401-001, 7 specimens, 29–100 mm SL, near Matairuka, PNG; P.26402-001, 9 specimens, 26–80 mm SL, Ararabu Creek, PNG; P.26786-001, 9 specimens, 45–74 mm SL, Alotau, PNG.
- Melanotaenia parva* Allen, 1990: 109, figures 9, 10.  
 PARATYPES. P.29970-001, 125 specimens (4 c/s), 22–53 mm SL, Danau Kurumoi, West Papua, Indonesia.
- Melanotaenia pierucciae* Allen and Renyaan, 1996b: 19, figures 11, 12, 18, 19.  
 PARATYPES. P.31044-002, 5 specimens, 36–52 mm SL, Werfyang Creek, West Papua, Indonesia.
- Melanotaenia pimaensis* Allen, 1981b: 74, figures.  
 HOLOTYPE. P.26971-001, 64 mm SL, Pima River, PNG.  
 PARATYPES. P.26971-002, 38 specimens, 15–55 mm SL, Pima River, PNG.  
 REMARKS. The type description lists 43 paratypes

for P.26971-002. Five specimens were donated to AMNH (AMNH 51591) in 1982 leaving 38 specimens at WAM.

*Melanotaenia pygmaea* Allen, 1978: 99, figure.

HOLOTYPE. P.25034-003, 46 mm SL, Cascade Creek, WA, Australia.

PARATYPES. P.25034-001, 30 specimens (3 c/s), 22–43 mm SL, Cascade Creek, WA, Australia; P.25040-001, 10 specimens, 30–45 mm SL, Youwanjela Creek, WA, Australia.

*Melanotaenia rubripinnis* Allen and Renyaan, 1998: 77, figures 10, 11, cover.

PARATYPES. P.31448-001, 7 specimens, 77–100 mm SL, Tiawiwa River tributary, West Papua, Indonesia; P.31450-002, 24 specimens, 25–68 mm SL, Logari River tributary, West Papua, Indonesia; P.31451-006, 76 mm SL, Logari River tributary, West Papua, Indonesia.

REMARKS. The type description includes an error: the paratypes listed with registration number "WAM" only should include the number P.31451-006.

*Melanotaenia sylvatica* Allen, 1997a: 38, figure 1.

HOLOTYPE. P.31224-001, 55 mm SL, Sapoi River, PNG.

PARATYPES. P.31224-002, 25 specimens, 32–51 mm SL, Sapoi River, PNG.

*Pelangia mbutaensis* Allen, 1998b: 13, figures 4, 5.

PARATYPES. P.31300-001, 13 specimens, 44–56 mm SL, Lake Mbutu, West Papua, Indonesia.

*Popondetta connieae* Allen, 1981d: 44, figures 1, 2.

HOLOTYPE. P.26409-003, 43 mm SL, Auga Creek, PNG.

PARATYPES. P.26409-001, 33 specimens, 18–40 mm SL, Auga Creek, PNG; P.26410-001, 12 specimens, 14–29 mm SL, Ahaemo Creek, PNG; P.26411-001, 30 specimens, 13–35, Evundo Creek, PNG; P.26412-001, 10 specimens, 13–20 mm SL, Embi Creek, PNG; P.26416-001, 34 specimens, 12–32 mm SL, Endehi Creek, PNG; P.26417-001, 22 specimens, 15–33 mm SL, Hunete Creek, PNG; P.26418-001, 51 specimens, 16–34 mm SL, Avindo Creek, PNG.

SYNONYMY. This species is now known as *Pseudomugil connieae*.

*Pseudomugil cyanodorsalis* Allen and Sarti, 1983: 48, figure 1.

HOLOTYPE. P.27971-001, 22 mm SL, Crab Creek, WA, Australia.

PARATYPES. P.27971-002, 454 specimens, 9–22 mm SL, Crab Creek, WA, Australia.

*Pseudomugil ivantsoffi* Allen and Renyaan, 1999: 164, figures 2, 3.

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PARATYPES. P.31051-003, 2 specimens, 21–28 mm SL, Aikwa River tributary, West Papua, Indonesia; P.31052-004, 4 specimens, 18–22 mm SL, Aikwa River tributary, West Papua, Indonesia; P.31055-004, 14 specimens, 19–28 mm SL, Kopi River tributary, West Papua, Indonesia; P.31057-004, 23 specimens, 19–28 mm SL, Iweka River tributary, West Papua, Indonesia; P.31298-003, 22 mm SL, Cross Levee, West Papua, Indonesia.

*Pseudomugil mellis* Allen and Ivantsoff, 1982: 84, figures 1, 2.

PARATYPES. P.27439-003, 28 specimens, 14–21 mm SL, Peregian Beach, Qld., Australia

*Pseudomugil paludicola* Allen and Moore, 1981: 106, figure 1.

HOLOTYPE. P.26751-001, 24 mm SL, near Tureture Village, PNG.

PARATYPES. P.26751-002, 100 specimens, 13–24 mm SL, near Tureture Village, PNG.

*Pseudomugil paskai* Allen and Ivantsoff, 1986: 85, figure 1.

HOLOTYPE. P.28139-002, 24 mm SL, near Kiunga, PNG.

PARATYPES. P.27794-002, 58 specimens, 15–24 mm SL; P.28139-003, 29 specimens, 13–24 mm SL; P.28140-001, 18 specimens, 12–18 mm SL, all from near Kiunga, PNG.

*Pseudomugil pellucidus* Allen, Ivantsoff, Shepherd and Renyaan, 1998: 2, figures 1, 16, 17, 18.

HOLOTYPE. P.31055-008, 31 mm SL, Kopi River tributary, West Papua, Indonesia.

PARATYPES. P.31055-005, 16 specimens, 20–30 mm SL, Kopi River tributary, West Papua, Indonesia; P.31055-007, 3 specimens (all c/s), Kopi River tributary, West Papua, Indonesia; P.31057-003, 3 specimens, 20–25 mm SL, Iweka River tributary, West Papua, Indonesia.

REMARKS. The type description includes an error: the paratypes P.31055-008 should read P.31055-007.

*Rhombatractus affinis* Weber, 1907: 234, Plate 11 (figure 5).

PARALECTOTYPE. P.26784-001, 89 mm SL, Sentani Lake Basin, PNG.

REMARKS. This specimen was transferred to WAM from ZMA in 1979 (original catalogue number ZMA 103-158).

SYNONYMY. This species is now known as *Melanotaenia affinis*.

*Rhombatractus vanheurni* Weber and de Beaufort, 1922: 299.

PARALECTOTYPES. P.26785-001, 4 specimens, 80–125 mm SL, near Idenburg River, PNG.

REMARKS. This specimen was transferred to WAM from ZMA in 1979 (original registration number ZMA 103-138).

SYNONYMY. This species is now known as *Melanotaenia vanheurni*.

*Scaturiginichthys vermeilipinnis* Ivantsoff, Unmack, Saeed and Crowley, 1991: 278, figure 1.

PARATYPES. P.30179-001, 19 specimens, 12–17 mm SL, Aramac, Qld., Australia

#### Atherinidae

*Atherinosoma wallacei* Prince, Ivantsoff and Potter, 1982: 67, figures 1, 2 bottom.

HOLOTYPE. P.27275-001, 41 mm SL, Guildford, WA, Australia.

PARATYPES. P.27276-001, 4 specimens, 45–47 mm SL, Guildford, WA, Australia; P.27277-001, 3 specimens, 42–54 mm SL, Murray River, WA, Australia; P.27278-001, 2 specimens, 43–44 mm SL, Canning River, WA, Australia.

*Craterocephalus amniculus* Crowley and Ivantsoff, 1990a: 88, figure 1.

PARATYPES. P.29891-001, 4 specimens, 32–41 mm SL, Cockburn River, NSW, Australia.

*Craterocephalus centralis* Crowley and Ivantsoff, 1990a: 92, figure 3.

PARATYPES. P.29892-001, 4 specimens, 41–46 mm SL, Finke River, NT, Australia; P.29893-001, 2 specimens, 44–57 mm SL, Pioneer Creek, NT, Australia.

*Craterocephalus cuneiceps* Whitley, 1944a: 266.

HOLOTYPE. P.1998-001, 36 mm SL (45 mm TL), Belele Station, WA, Australia.

PARATYPES. P.1999-001 to P.2005-001, 20–35 mm SL, Belele Station, WA, Australia.

REMARKS. There has been confusion about the number of types of this species. Whitley (1944a) stated that the description was based on one specimen only, the largest of nine specimens, 20–36 mm SL, for which he provided eight registration numbers, P.1998-2005 (now P.1998-001 to P.2005-001). However, he did not indicate which number pertained to the type. McKay (1966a) subsequently designated the holotype as P.1998-001, and amended the catalogue entry for the remaining specimens to read "Paratypes". Hutchins and Smith (1991) believed that the latter was unwarranted as Whitley gave no indication that more than one specimen was involved in the description. However, a later paper by Whitley (1955) indicated that the type series did involve more than one specimen, so we therefore accept that P.1999-001 to P.2005-001 are valid paratypes encompassing the remaining eight specimens.

*Craterocephalus fistularis* Crowley, Ivantsoff and Allen, 1995: 325, figure 1.

PARATYPE. P.30519-002 (c/s), 59 mm SL, Triton Lakes, West Papua, Indonesia.

*Craterocephalus gloveri* Crowley and Ivantsoff, 1990b: 115, figure 1.

PARATYPES. P.30033-001, 10 specimens, 20–27 mm SL, Dalhousie Springs, SA, Australia.

*Craterocephalus helenae* Ivantsoff, Crowley and Allen, 1987a: 177, figure 3.

HOLOTYPE. P.25456-003, 57 mm SL, Drysdale River, WA, Australia.

PARATYPES. P.25406-009, 2 specimens, 35–53 mm SL, Morgunda Creek, WA, Australia; P.25424-008, 4 specimens (2 c/s), 36–58 mm SL, Fern Gully Creek, WA, Australia; P.25456-012, 8 specimens, 39–61 mm SL, Drysdale River, WA, Australia; P.25873-010, 8 specimens, 44–67 mm SL, Drysdale River, WA, Australia.

REMARKS. The type description includes an error: the paratypes P.25456-003 should read P.25456-012.

*Craterocephalus kailolae* Ivantsoff, Crowley and Allen, 1987b: 332, figure 1.

PARATYPES. P.27783-001, 14 specimens (3 c/s), 16–42 mm SL, Foasi Creek, PNG.

*Craterocephalus lentiginosus* Ivantsoff, Crowley and Allen, 1987a: 175, figure 2.

HOLOTYPE. P.25029-003, 43 mm SL, Roe River, WA, Australia.

PARATYPES. P.25028-003, 6 specimens, 28–36 mm SL, Wyulda Creek, WA, Australia; P.25029-007, 8 specimens (2 c/s), 22–32 mm SL, Roe River, WA, Australia.

REMARKS. The type description provides the same registration number for both the holotype and one lot of paratypes. We have amended the registration number of the paratypes to P.25029-007.

*Craterocephalus marianae* Ivantsoff, Crowley and Allen, 1987a: 179, figure 4.

PARATYPES. P.28195-001, 10 specimens, 41–54 mm SL, Magela River, NT, Australia.

*Craterocephalus munroi* Crowley and Ivantsoff, 1988: 156, figure 1.

PARATYPES. P.29673-001, 5 specimens, 28–29 mm SL, Little Bynoe River, Qld., Australia

*Craterocephalus pimatuae* Crowley, Ivantsoff and Allen, 1991: 35, figure 1.

HOLOTYPE. P.26971-005, 25 mm SL, Pima River, PNG.

PARATYPES. P.26971-004, 4 specimens (1 c/s), 24–35 mm SL, Pima River, PNG.

REMARKS. The type description includes an error: the holotype P.26971-004 should read P.26971-005.

*Kestratherina brevirostris* Pavlov, Ivantsoff, Last and Crowley, 1988: 387, figure 1.

PARATYPES. P.29154-001, 4 specimens, 41–57 mm SL, Western Port Bay, Vic., Australia

### Trachichthyidae

*Optivus agastos* Gomon, 2004: 174, figure 1a.

PARATYPES. P.25739-007, 84 mm SL, Moreton Bay, Qld., Australia; P.28843-001, 85 mm SL, Port Hacking, NSW, Australia.

*Optivus agrammus* Gomon, 2004: 176, figure 1b.

PARATYPES. P.15263-001, 55 mm SL, Fremantle, WA, Australia; P.26608-018, 62 mm SL, Cheyne Beach, WA, Australia.

REMARKS. The type description includes an error: the paratype P.26608-08 should read P.26608-018.

*Sorosichthys ananassa* Whitley, 1945: 22, figure 12.

HOLOTYPE. P.734-001, 52 mm SL, Bald Island, WA, Australia.

### Berycidae

*Centroberyx australis* Shimizu and Hutchins, 1987: 89, figure 1.

HOLOTYPE. P.27720-001, 202 mm SL, Ocean Reef, WA, Australia.

PARATYPES. P.27607-002, 2 specimens, 185–209 mm SL, Ocean Reef, WA, Australia; P.27732-002, 3 specimens, 175–191 mm SL, Ocean Reef, WA, Australia; P.28238-001, 201 mm SL, Marmion, WA, Australia.

### Holocentridae

*Adioryx lepros* Allen and Cross, 1983: 5, figure 1.

HOLOTYPE. P.26089-001, 77 mm SL, Christmas Island, Indian Ocean.

PARATYPES. P.26106-010, 62 mm SL, Christmas Island, Indian Ocean; P.27663-004, 58 mm SL, Rowley Shoals, WA, Australia.

REMARKS. The paratype P.27663-004 is listed in an addendum at the end of the type description.

SYNONYMY. This species is now known as *Sargocentron lepros*.

*Myripristis earlei* Randall, Allen and Robertson, 2003: 406, figures 1, 2, 3.

PARATYPES. P.32101-001, 5 specimens, 168–199 mm SL, Phoenix Islands, Pacific Ocean.

REMARKS. The type description includes an error: the paratype P.32101.111 should read P.32101-001.

### Solenostomidae

*Solenostomus halimeda* Orr, Fritzsche and Randall, 2002: 101, figures 1, 2, 3, 4, 5, 6, cover.

HOLOTYPE. P.27666-030, 47 mm SL, Rowley Shoals, WA, Australia.

PARATYPE. P.27666-052, 41 mm SL, Rowley Shoals, WA, Australia.

### Syngnathidae

*Choeroichthys latispinosus* Dawson, 1978a: 414, figures 1, 2.

HOLOTYPE. P.25815-024, 27 mm SL, South Muiron Island, WA, Australia.

*Dunckerocampus naia* Allen and Kuitert, 2004: 2, figures 1, 2, 3, 5.

HOLOTYPE. P.32334-004, 120 mm SL, Maytag Reef, Fiji.

PARATYPE. P.32462-001, 74 mm SL, Maratua Island, Indonesia.

*Enchelyocampus brauni* Dawson and Allen, 1978: 407, figures 6, 7.

HOLOTYPE. P.25800-001, 54 mm SL, North West Cape, WA, Australia.

SYNONYMY. This species is now known as *Bulbonaricus brauni*.

*Heraldia nocturna* Paxton, 1975: 441, figures 1, 2.

PARATYPE. P.25167-001, 61 mm SL, Sydney Harbour, NSW, Australia.

*Hippichthys gazella* Whitley, 1947: 148.

HOLOTYPE. P.2871-001, 78 mm SL, Broome, WA, Australia.

REMARKS. Whitley's original description was brief, with no mention of a type specimen. He subsequently (1948) provided an expanded description, including full details of the holotype.

SYNONYMY. This name is a junior synonym of *Hippichthys penicillus* (Cantor, 1849).

*Hippocampus alatus* Kuitert, 2001: 317, figure 25.

PARATYPE. P.28003-001, 81 mm height, Monte Bello Islands, WA, Australia.

*Hippocampus biocellatus* Kuitert, 2001: 311, figure 15.

HOLOTYPE. P.9398-001, 95 mm height, Shark Bay, WA, Australia.

PARATYPES. P.9402-001, 68 mm height; P.14584-001, 108 mm height; P.28611-005, 98 mm height; P.30081-002, 60 mm height; P.30998-001, 95 mm height, all from Shark Bay, WA, Australia.

*Hippocampus montebelloensis* Kuitert, 2001: 326, figure 36.

PARATYPE. P.29078-001, 78 mm height, Exmouth



Gulf, WA, Australia.

*Histiogamphelus meraculus* Whitley, 1948: 271.

HOLOTYPE. P.1215-001, 225 mm SL, City Beach, WA, Australia.

REMARKS. The type was originally a dried specimen, but is now in ethanol.

SYNONYMY. This species is now known as *Mitotichthys meraculus*.

*Lissocampus affinis* Whitley, 1944a: 266.

HOLOTYPE. P.1150-001, 81 mm SL, Rottneest Island, WA, Australia.

SYNONYMY. This name is a junior synonym of *Lissocampus runa* (Whitley, 1931).

*Micrognathus spinirostris* Dawson and Allen, 1981: 65, figures 1, 3.

HOLOTYPE. P.26479-001, 103 mm SL, North West Cape, WA, Australia.

SYNONYMY. This species is now known as *Halicampus spinirostris*.

*Syngnathus parvicarinatus* Dawson, 1978b: 288, figures 1, 2.

HOLOTYPE. P.25801-001, 79 mm SL, Darwin Port, NT, Australia.

SYNONYMY. This species is now known as *Hippichthys parvicarinatus*.

### Synbranchidae

*Anommatophasma candidum* Mees, 1962a: 27.

HOLOTYPE. P.4917-001, 370 mm TL, North West Cape, WA, Australia.

PARATYPE. P.4918-001, 316 mm TL, North West Cape, WA, Australia.

SYNONYMY. This species is now known as *Ophisternon candidum*.

### Scorpaenidae

*Centropogon australis latifrons* Mees, 1962b: 28, Plate 1.

HOLOTYPE. P.5140-001, 76 mm SL, Cheynes Bay, WA, Australia.

PARATYPES. P.4871-001, 2 specimens, 73–75 mm SL, Cheyne Bay, WA, Australia (1 specimen missing, presumed lost); P.4872-001, 54 mm SL, Geraldton, WA, Australia.

REMARKS. Paxton *et al.* (1989) erroneously cited P.4871-001 as the holotype.

SYNONYMY. Incorrectly synonymised with *C. australis* (White, 1790) by Paxton, *et al.* (1989). This species is now known as *Centropogon latifrons*.

*Cheroscorpaena tridactyla* Mees, 1964a: 1, Plate 1.

PARATYPE. P.8285-001, 85 mm SL, Frederick Hendrik Island, PNG.

*Inimicus cirrhosus* McKay, 1964: 8, figure 1.

HOLOTYPE. P.4980-001, 125 mm SL, Shark Bay, WA, Australia.

PARATYPES. P.4981-001, 150 mm SL, Shark Bay, WA, Australia; P.4982-001, 180 mm SL, Shark Bay, WA, Australia; P.4983-001, 155 mm SL, Exmouth Gulf, WA, Australia (missing, presumed lost); P.4984-001, 203 mm SL, Shark Bay, WA, Australia; P.4985-001, 167 mm SL, Shark Bay, WA, Australia; P.4986-001, 190 mm SL, Shark Bay, WA, Australia; P.4987-001, 256 mm SL, Houtman Abrolhos, WA, Australia; P.4988-001, 56 mm SL, Shark Bay, WA, Australia (missing, presumed lost); P.4989-001, 56 mm SL, Shark Bay, WA, Australia; P.4990-001, 106 mm SL, Shark Bay, WA, Australia; P.4991-001, 90 mm SL, Shark Bay, WA, Australia; P.4992-001, 77 mm SL, Shark Bay, WA, Australia; P.4993-001, 93 mm SL, Shark Bay, WA, Australia; P.4994-001, 119 mm SL, Shark Bay, WA, Australia; P.4995-001, 106 mm SL, Shark Bay, WA, Australia.

SYNONYMY. This name is a junior synonym of *Inimicus sinensis* (Valenciennes, 1833).

*Maxillicosta lopholepis* Eschmeyer and Poss, 1976: 441, figure 6.

HOLOTYPE. P.5736-001, 46 mm SL, Bernier Island, WA, Australia.

PARATYPE. P.25384-001, 39 mm SL, Bernier Island, WA, Australia.

*Scorpaenodes steenei* Allen, 1977a: 145, Plate 1.

HOLOTYPE. P.25178-006, 93 mm SL, Rottneest Island, WA, Australia.

*Scorpaenopsis possi* Randall and Eschmeyer, 2001: 54, Plates VII (figures b, c, d), XII (figures a, b, c).

PARATYPES. P.26102-037, 146 mm SL, Christmas Island, Indian Ocean; P.29055-011, 2 specimens, 115–125 mm SL, Ashmore Reef, WA, Australia.

REMARKS. The type description includes an error: the paratypes P.262102-037 should read P.26102-037.

*Scorpaenopsis ramaraoi* Randall and Eschmeyer, 2001: 64, Plates VIII (Figs b, c, d), XII (figure d).

PARATYPES. P.31778-001, 5 specimens, 91–135 mm SL, Halmahera Island, Indonesia.

### Neosebastidae

*Neosebastes longirostris* Motomura, 2004: 41, Plate 1g; figures 2c, 3e, 4b, 6b, 7a, 8d, 9d, 19.

PARATYPES. P.26193-016, 2 specimens, 81–82 mm SL, Monte Bello Islands, WA, Australia; P.26262-003, 148 mm SL, Dampier Land, WA, Australia; P.28264-005, 133 mm SL, Scott Reef, WA, Australia.

*Neosebastes occidentalis* Motomura, 2004: 51, Plate IIb; figures 2c, 3h, 4b, 6b, 7a, 8f, 9f, 11b, 22.

HOLOTYPE. P.22272-002, 145 mm SL, Cape Cuvier, WA, Australia.

PARATYPES. P.22272-001, 2 specimens, 141–148 mm SL, Cape Cuvier, WA, Australia; P.22391-001, 3 specimens, 149–154 mm SL, Cape Cuvier, WA, Australia; P.23903-001, 2 specimens, 123–131 mm SL, North West Cape, WA, Australia; P.26182-007, 4 specimens, 118–141 mm SL, Muiron Islands, WA, Australia; P.31122-002, 3 specimens, 156–180 mm SL, Point Cloates, WA, Australia.

*Scorpaena gasta* Motomura, Last and Yearsley, 2006: 361, figures 1, 2, 3.

HOLOTYPE. P.27960-006, 69 mm SL, Kalbarri, WA, Australia.

PARATYPES. P.26069-002, 84 mm SL, Shark Bay, WA, Australia; P.32317-005, 74 mm SL, Shark Bay, WA, Australia.

*Scorpaena panda* Richardson, 1842: 216.

NEOTYPE. P.22132-001, 207 mm SL, Cockburn Sound, WA, Australia.

REMARKS. The original type description was based on a drawing and the location of the specimen (from Houtman Abrolhos, WA, Australia) is unknown. Motomura (2004) designated a Cockburn Sound specimen as a neotype to clarify taxonomic issues.

SYNONYMY. This species is now known as *Neosebastes pandus*.

### Triglidae

*Pterygotrigla draiggoch* Richards, Yato and Last, 2003: 5, Plate 1 (figures 4, 5).

PARATYPES. P.26182-012, 92 mm SL, Muiron Islands, WA, Australia; 26187-006, 208 mm SL, Monte Bello Island, WA, Australia; P.26193-019, 4 specimens, 73–91 mm SL, NNW Rosemary Island, WA, Australia.

REMARKS. The type description includes several errors: the locality Muiron Island should read Muiron Islands; the paratype P.26182 should read P.26182-012; the paratype P.26187 should read P.26187-006 and the paratypes P.26193 should read P.26193-019.

### Aploactinidae

*Cocotropus larvatus* Poss and Allen, 1987: 79, figure 1.

PARATYPE. P.29008-001, 22 mm SL, Christmas Island, Indian Ocean.

*Neoaploactis tridorsalis* Eschmeyer and Allen, 1978: 444, figure 1.

HOLOTYPE. P.25529-001, 34 mm SL, One Tree

Island, Qld., Australia

*Paraploactis intonsa* Poss and Eschmeyer, 1978: 414, figures 2, 9.

HOLOTYPE. P.12100-001, 125 mm SL, Shark Bay, WA, Australia.

PARATYPES. P.4714-001, 112 mm SL, Shark Bay, WA, Australia; P.5874-001, 121 mm SL, Shark Bay, WA, Australia; P.6069-001, 111 mm SL, Shark Bay, WA, Australia; P.8923-001, 126 mm SL, Shark Bay, WA, Australia; P.14683-001, 98 mm SL, Shark Bay, WA, Australia; P.23605-001, 114 mm SL, Carnarvon, WA, Australia; P.25840-001, 128 mm SL, Shark Bay, WA, Australia.

*Paraploactis pulvinus* Poss and Eschmeyer, 1978: 413, figures 2, 8.

HOLOTYPE. P.25528-001, 105 mm SL, Exmouth Gulf, WA, Australia

PARATYPES. P.20123-001, 119 mm SL, Rosemary Island, WA, Australia; P.23735-001, 93 mm SL, Exmouth Gulf, WA, Australia.

### Platycephalidae

*Cociella hutchinsi* Knapp, 1996: 30, figure 9.

PARATYPES. P.30716-001, 4 specimens, 142–184 mm SL, Timor Sea, WA, Australia.

*Onigocia bimaculata* Knapp, Imamura and Sakashita, 2000: 3, figures 1, 2, 3.

PARATYPES. P.29637-038, 2 specimens, 24–27 mm SL, Georgina Cay, Qld., Australia

*Platycephalus chauliodous* Knapp, 1991: 24, figures 1, 3.

PARATYPES. P.24172-001, 453 mm SL, Carnac Island, WA, Australia; P.25798-008, 66 mm SL, Eagle Bay, WA, Australia; P.29879-001, 332 mm SL, off Perth, WA, Australia; P.29944-001, 499 mm SL, Cowaramup Beach, WA, Australia.

*Rogadius patriciae* Knapp, 1987: 54.

PARATYPE. P.26212-004, 179 mm SL, North West Shelf, WA, Australia.

*Sunagocia sainsburyi* Knapp and Imamura, 2004: 547, figures 1.

HOLOTYPE. P.26230-007, 86 mm SL, Port Hedland, WA, Australia.

### Congiopodidae

*Congiopodus coriaceus* Paulin and Moreland, 1979: 604, figures 2, 3.

PARATYPE. P.26435-001, 176 mm SL, Campbell Island, New Zealand.

### Chandidae

*Parambassis altipinnis* Allen, 1982c: 166, figure 1.

PARATYPE. P.27378-001, 7 specimens, 74–87 mm SL, Idenburg River, West Papua, Indonesia.

### Acropomatidae

*Malakichthys levis* Yamanoue and Matsuura, 2001: 1140, figures 1, 2a.

PARATYPES. P.26795-001, 2 specimens, 140–141 mm SL, Cape Leveque, WA, Australia.

### Serranidae

*Acanthistius pardalotus* Hutchins, 1981: 493, figures 1b, 2.

HOLOTYPE. P.5113-001, 189 mm SL, Kalbarri, WA, Australia.

PARATYPES. P.3784-001, 236 mm SL, City Beach, WA, Australia; P.4465-001, 184 mm SL, Mullaloo Beach, WA, Australia; P.4502-001, 183 mm SL, Rottneest Island, WA, Australia; P.4791-001, 197 mm SL, Rottneest Island, WA, Australia; P.4792-001, 248 mm SL, Port Gregory, WA, Australia; P.5577-001, 62 mm SL, Port Gregory, WA, Australia; P.5777-001, 275 mm SL, Maragret River, WA, Australia; P.14532-001, 370 mm SL, Houtman Abrolhos, WA, Australia; P.14533-001, 163 mm SL, Point Quobba, WA, Australia; P.16775-001, 265 mm SL, Margaret River, WA, Australia; P.26664-004, 277 mm SL, Shark Bay, WA, Australia; P.26825-001, 2 specimens, 94–118 mm SL, Rottneest Island, WA, Australia.

*Anthias engelhardi* Allen and Starck, 1982: 48, figures 2, 3.

PARATYPE. P.27483-001, 66 mm SL, Great Barrier Reef, Qld., Australia

SYNONYMY. This species is now known as *Pseudanthias engelhardi*.

*Anthias georgei* Allen, 1976a: 28, figure 2.

HOLOTYPE. P.25205-001, 79 mm SL, Bernier Island, WA, Australia.

PARATYPES. P.25205-002, 2 specimens, 29–33 mm SL, Bernier Island, WA, Australia.

SYNONYMY. This species is now known as *Pseudanthias georgei*.

*Anthias hutomoi* Allen and Burhanuddin, 1976: 46, figure 1.

PARATYPES. P.25199-001, 4 specimens, 28–49 mm SL, Ceram, Indonesia.

SYNONYMY. This species is now known as *Pseudanthias hutomoi*.

*Anthias lori* Lubbock and Randall in Fourmanoir and Laboute, 1976: 287, figures.

PARATYPE. P.25493-001, 33 mm SL, Tetiaroa Atoll, Society Islands.

SYNONYMY. This species is now known as *Pseudanthias lori*.

*Anthias pictilis* Randall and Allen, 1978: 34, figures 1, 2.

PARATYPES. P.25939-001, 3 specimens, 70–91 mm SL, North Rock, Lord Howe Island, NSW, Australia.

SYNONYMY. This species is now known as *Pseudanthias pictilis*.

*Anthias randalli* Lubbock and Allen, 1978: 260, figures 1, 2.

PARATYPES. P.25233-007, 6 specimens, 22–41 mm SL, Ambon Island, Indonesia; P.25239-002, 8 specimens, 35–47 mm SL, Ambon Island, Indonesia; P.25628-001, 3 specimens, 54–56 mm SL, Bairakaseru Island, Palau.

SYNONYMY. This species is now known as *Pseudanthias randalli*.

*Anthias rubrizonatus* Randall, 1983: 35, figures 5, 6, 7, 8.

PARATYPE. P.27647-001, 52 mm SL, Guadalcanal, Solomon Islands.

SYNONYMY. This species is now known as *Pseudanthias rubrizonatus*.

*Anthias smithvanizi* Randall and Lubbock, 1981: 9, figure 8.

PARATYPES. P.25492-001, 4 specimens, 27–48 mm SL, Ambon Island, Indonesia.

SYNONYMY. This species is now known as *Pseudanthias smithvanizi*.

*Caesiocorpiis theagenes* Whitley, 1945: 21, figure 11.

HOLOTYPE. P.2795-001, 140 mm SL, Carnarvon, WA, Australia.

*Cephalopholis xanthopterus* Allen and Starck, 1975: 246, figure 1.

PARATYPE. P.25244-008, 112 mm SL, Ambon Island, Indonesia.

SYNONYMY. This name is a junior synonym of *Cephalopholis cyanostigma* (Valenciennes, 1828).

*Ellerkeldia rubra* Allen, 1976a: 24, figure 1.

HOLOTYPE. P.25314-003, 71 mm SL, Houtman Abrolhos, WA, Australia.

PARATYPES. P.25226-001, 73 mm SL, Cape Inscription, WA, Australia; P.25311-007, 2 specimens, 28–50 mm SL, Houtman Abrolhos, WA, Australia.

SYNONYMY. This name was shown to be invalid by Allen and Randall (1990) (preoccupied by *Scopularia rubra* De Buen, 1959). They proposed the new name *Hypoplectrodes cardinalis* noting that *Hypoplectrodes* is the senior synonym of *Ellerkeldia* (Anderson and Heemstra, 1989).

*Ellerkeldia wilsoni* Allen and Moyer, 1980: 329, figures 1, 2.

HOLOTYPE. P.26531-010, 151 mm SL, Geographe Bay, WA, Australia.

PARATYPES. P.26531-011, 2 specimens, 77–133 mm SL, Geographe Bay, WA, Australia; P.26532-001, 5 specimens, 59–144 mm SL, Geographe Bay, WA, Australia; P.26533-001, 150 mm SL, Rottneest Island, WA, Australia.

SYNONYMY. This species is now known as *Hypoplectrodes wilsoni*.

*Epinephelus bilobatus* Randall and Allen, 1987: 406, figure 4.

HOLOTYPE. P.25119-008, 156 mm SL, Dampier Archipelago, WA, Australia.

PARATYPES. P.14924-001, 101 mm SL, Yampi Sound, WA, Australia; P.14948-001, 80 mm SL, Port Walcott, WA, Australia; P.24358-001, 238 mm SL, Dampier Archipelago, WA, Australia.

*Epinephelus homosinensis* Whitley, 1944a: 267.

HOLOTYPE. P.2413-001, 235 mm SL, Broome, WA, Australia.

PARATYPES. P.2412-001, 251 mm TL, Broome, WA, Australia; P.2430-001, 128 mm TL, Houtman Abrolhos, WA, Australia.

REMARKS. Whitley's description gives the type locality as Geraldton, WA, Australia, but WAM catalogue entries made in 1942 record Broome as the collection site for the holotype and first paratype, and the Houtman Abrolhos (off Geraldton) as the collection site for the second paratype. Therefore, we consider the type locality to be Broome.

SYNONYMY. This name is a junior synonym of *Epinephelus rivulatus* (Valenciennes, 1830).

*Epinephelus rankini* Whitley, 1945: 24.

HOLOTYPE. P.2847-001, 330 mm SL, Onslow, WA, Australia.

SYNONYMY. This name is a junior synonym of *Epinephelus multinotatus* (Peters, 1876).

*Epinephelus spiramen* Whitley, 1945: 25.

HOLOTYPE. P.2796-001, 263 mm SL, Carnarvon, WA, Australia.

SYNONYMY. This name is a junior synonym of *Epinephelus rivulatus* (Valenciennes, 1830).

*Epinephelus stictus* Randall and Allen, 1987: 394, figure 1.

HOLOTYPE. P.28277-001, 328 mm SL, Heywood Shoals, WA, Australia.

*Epinephelus timorensis* Randall and Allen, 1987: 399, figure 2.

HOLOTYPE. P.24794-001, 141 mm SL, Dillon Shoals, WA, Australia.

*Epinephelus trophis* Randall and Allen, 1987: 402, figure 3.

HOLOTYPE. P.24795-001, 105 mm SL, Dillon Shoals, WA, Australia.

*Lepidoperca aurantia* Roberts, 1989: 580, figure 8.

PARATYPES. P.28301-001, 2 specimens, 193–269 mm SL, Westport, New Zealand.

*Lepidoperca filamenta* Roberts, 1987: 83.

PARATYPES. P.26804-001, 2 specimens, 107–127 mm SL, Eucla, WA, Australia.

*Liopropoma multilineatum* Randall and Taylor, 1988: 41, Plate 2c.

PARATYPES. P.28024-007, 61 mm SL, Rowley Shoals, WA, Australia; P.28186-017, 46 mm SL, Kavieng, PNG.

*Liopropoma tonstrinum* Randall and Taylor, 1988: 38, Plate 2b.

PARATYPES. P.26082-015, 28 mm SL; P.26087-011, 3 specimens, 28–65 mm SL; P.26121-002, 54 mm SL, all from Christmas Island, Indian Ocean.

*Plectranthias alleni* Randall, 1980: 113, figure 2.

HOLOTYPE. P.25625-001, 52 mm SL, WA, Australia.

PARATYPES. P.23309-001, 55 mm SL, Lancelin, WA, Australia; P.23322-001, 17 mm SL, Rottneest Island, WA, Australia; P.23323-001, 23 mm SL, Dongara, WA, Australia; P.23325-001, 10 specimens, 30–59 mm SL, Green Head, WA, Australia; P.23334-001, 62 mm SL, Rottneest Island, WA, Australia.

REMARKS. The type description includes the registration number P.23325-30 for ten specimens from Green Head originally accessioned under six separate numbers (P.23325-001 to P.23330-001). They have been amalgamated as P.23325-001.

*Plectranthias fourmanoiri* Randall, 1980: 125, figure 7.

PARATYPES. P.26085-029, 28 mm SL; P.26113-004, 2 specimens, 16–20 mm SL; P.26126-005, 21 mm SL, all from Christmas Island, Indian Ocean.

*Plectranthias inermis* Randall, 1980: 135, figure 11.

PARATYPES. P.26121-001, 2 specimens, 19–20 mm SL, Christmas Island, Indian Ocean; P.26125-008, 26 mm SL, Christmas Island, Indian Ocean.

*Plectranthias nanus* Randall, 1980: 159, figure 22.

PARATYPES. P.26090-002, 32 mm SL, Christmas Island, Indian Ocean; P.26122-003, 2 specimens, 25–26 mm SL, Christmas Island, Indian Ocean.

*Pseudanthias sheni* Randall and Allen, 1989: 74, figures 1, 2, 3, 4, 5.

HOLOTYPE. P.29660-001, 96 mm SL, Rowley Shoals, WA, Australia.

PARATYPE. P.27668-001, 85 mm SL, Rowley Shoals, WA, Australia.

*Rabaulichthys altipinnis* Allen, 1984a: 48, figure 1.

HOLOTYPE. P.28179-001, 45 mm SL, Rabaul, PNG.

PARATYPES. P.28180-001, 3 specimens, 36–45 mm SL, Rabaul, PNG.

*Sacura parva* Heemstra and Randall, 1979: 9, figure 2; Plate 4.

HOLOTYPE. P.24785-001, 67 mm SL, Dillon Shoals, WA, Australia.

PARATYPE. P.26459-001, 17 mm SL, Dillon Shoals, WA, Australia.

*Serranus socorroensis* Allen and Robertson, 1992a: 38, figure 1.

PARATYPES. P.30390-001, 2 specimens, 37–41 mm SL, Socorro Island, Mexico.

### Nannopercidae

*Nannoperca variegata* Kuitert and Allen, 1986: 111, figures 1, 2, 3, 4.

PARATYPES. P.28597-001, 9 specimens, 37–50 mm SL, Winnap, Vic., Australia; P.28598-001, 47 mm SL, Winnap, Vic., Australia

### Pseudochromidae

*Assiculoides desmonotus* Gill and Hutchins, 1997: 45, figures 5, 6, 7.

HOLOTYPE. P.31085-009, 47 mm SL, Long Island, Vansittart Bay, WA, Australia.

PARATYPES. P.30321-021, 9 specimens, 25–49 mm SL, Sunday Island, WA, Australia; P.30898-008, 7 specimens, 34–47 mm SL, Sunday Island, WA, Australia; P.30908-003, 36 mm SL, Mermaid Island, WA, Australia; P.30910-009, 6 specimens, 34.4–47.2 mm SL, Bedford Islands, WA, Australia; P.30916-008, 45 mm SL, Admiral Island, WA, Australia; P.30929-008, 10 specimens (2 c/s), 11–48 mm SL, Whirlpool Pass, WA, Australia; P.31078-006, 6 specimens, 22–51 mm SL, Jones Island, WA, Australia; P.31084-003, 2 specimens, 26–41 mm SL, Vansittart Bay, WA, Australia; P.31085-037, 5 specimens, 34–51 mm SL, Vansittart Bay, WA, Australia; P.31097-021, 2 specimens, 44–51 mm SL, Cape Londonderry, WA, Australia.

*Congrogadus winterbottomi* Gill, Mooi and Hutchins, 2000: 74, figures 2, 5.

HOLOTYPE. P.31582-001, 85 mm SL, Middle Mangrove Island, WA, Australia.

PARATYPES. P.31013-046, 2 specimens, 66–112 mm SL, Exmouth Gulf, WA, Australia; P.31017-022, 3 specimens, 72–116 mm SL, Exmouth Gulf, WA, Australia; P.31018-012, 4 specimens, 67–119 mm SL, Exmouth Gulf, WA, Australia; P.31582-002, 2

specimens, 69–80 mm SL, Middle Mangrove Island, WA, Australia.

*Manonichthys alleni* Gill, 2004: 34, figures 14, 15; Plates 2d, e.

HOLOTYPE. P.30415-004, 52 mm SL, Mantabuan Island, Indonesia.

PARATYPE. P.30406-009, 28 mm SL, Sibuan Island, Indonesia.

*Pictichromis coralensis* Gill, 2004: 59, figure 22; Plate 4a.

PARATYPE. P.29638-006, 36 mm SL, Lihou Reef, Qld., Australia

*Pseudochromis alticaudex* Gill, 2004: 76, figures 29, 30.

PARATYPES. P.24915-002, 2 specimens, 30–39 mm SL, Goodenough Island, PNG; P.29595-016, 29 mm SL, Madang, PNG.

*Pseudochromis aurulentus* Gill and Randall, 1998: 18, figure 1.

PARATYPES. P.30957-001, 2 specimens, 43–55 mm SL, Komodo Island, Indonesia.

*Pseudochromis howsoni* Allen, 1995a: 83, figures 1, 2.

HOLOTYPE. P.30840-001, 75 mm SL, Ashmore Reef, WA, Australia.

PARATYPE. P.30840-004, 61 mm SL, Ashmore Reef, WA, Australia.

*Pseudochromis lugubris* Gill and Allen, 2004: 2, figure 1.

PARATYPE. P.31355-015, 7 specimens, 46–66 mm SL, Irai Island, PNG.

*Pseudochromis melanurus* Gill, 2004: 143, figure 34; Plates 9f, g.

PARATYPES. P.30792-001, 2 specimens, 33–40 mm SL, Fiji.

*Pseudochromis viridis* Gill and Allen, 1996: 34, figure 1.

HOLOTYPE. P.29331-013, 41 mm SL, Christmas Island, Indian Ocean.

PARATYPES. P.26120-008, 43 mm SL, Christmas Island, Indian Ocean; P.26122-004, 29 mm SL, Christmas Island, Indian Ocean.

REMARKS. The type description includes an error: the paratypes P.20120-008 should read P.26120-008.

*Pseudoplesiops howensis* Allen, 1987b: 250, figures 1, 2.

PARATYPES. P.28622-001, 2 specimens, 27–29 mm SL, Lord Howe Island, NSW, Australia.

*Pseudoplesiops immaculatus* Gill and Edwards, 2002: 20, figures 1, 2.

PARATYPES. P.26083-041, 31 mm SL, Christmas Island, Indian Ocean; P.26085-030, 26 mm SL, Christmas Island, Indian Ocean; P.26093-015, 27 mm SL, Christmas Island, Indian Ocean; P.26104-005, 27 mm SL, Christmas Island, Indian Ocean (missing); P.26107-004, 24 mm SL, Christmas Island, Indian Ocean; P.26113-003, 2 specimens, 26–28 mm SL, Christmas Island, Indian Ocean; P.27825-034, 3 specimens, 18–25 mm SL, Manus, PNG; P.29626-001, 31 mm SL, Port Moresby, PNG (missing); P.29927-004, 24 mm SL, Direction Island, Cocos Keeling.

REMARKS. The paratypes P.26104-005 and P.29626-001 are missing, presumed lost.

*Pseudoplesiops knighti* Allen, 1987b: 253, figures 3, 4.

HOLOTYPE. P.28534-001, 29 mm SL, Great Barrier Reef, Qld., Australia

PARATYPES. P.25322-004, 25 mm SL, Great Barrier Reef, Qld., Australia; P.27826-067, 5 specimens, 23–25 mm SL, Manus Island, PNG; P.28531-004, 3 specimens, 15–27 mm SL, Great Barrier Reef, Qld., Australia; P.28533-013, 3 specimens, 26–30 mm SL, Great Barrier Reef, Qld., Australia; P.28534-002, 3 specimens, 27–28 mm SL, Great Barrier Reef, Qld., Australia; P.28535-015, 2 specimens, 29–32 mm SL, Great Barrier Reef, Qld., Australia

SYNONYMY. This species is now known as *Amsichthys knighti*.

*Pseudoplesiops multisquamatus* Allen, 1987b: 257, figures 5, 6.

HOLOTYPE. P.27470-002, 42 mm SL, Escape Reef, Qld., Australia

PARATYPES. P.26082-019, 47 mm SL, Christmas Island, Indian Ocean; P.26087-012, 2 specimens, 36–43 mm SL, Christmas Island, Indian Ocean; P.26097-010, 38 mm SL, Christmas Island, Indian Ocean; P.26099-011, 2 specimens, 24–39 mm SL, Christmas Island, Indian Ocean; P.26116-010, 24 mm SL, Christmas Island, Indian Ocean; P.26121-003, 29 mm SL, Christmas Island, Indian Ocean; P.27476-001, 39 mm SL, Escape Reef, Qld., Australia; P.27659-025, 32 mm SL, Rowley Shoals, WA, Australia; P.27826-041, 3 specimens, 31–38 mm SL, Los Negros Island, PNG; P.28170-010, 3 specimens, 33–40 mm SL, Rabaul, PNG; P.28172-007, 4 specimens, 24–42 mm SL, Rabaul, PNG; P.28174-028, 39 mm SL, Rabaul, PNG; P.28541-030, 3 specimens, 16–37 mm SL, Holmes Reef, Qld., Australia

SYNONYMY. This species is now known as *Lubbockichthys multisquamatus*.

#### Pseudogrammatidae

*Pseudogramma axelrodi* Allen and Robertson, 1995a: 73, figure 1.

HOLOTYPE. P.30995-001, 61 mm SL, Clipperton Island, Pacific Ocean.

PARATYPE. P.30995-002, 5 specimens, 13–53 mm SL, Clipperton Island, Pacific Ocean.

#### Plesiopidae

*Assessor flavissimus* Allen and Kuiter, 1976: 211, figure 5.

HOLOTYPE. P.25322-001, 39 mm SL, Great Barrier Reef, Cairns, Qld., Australia

PARATYPES. P.25323-001, 8 specimens, 26–38 mm SL, Lizard Island, Qld., Australia

*Assessor randalli* Allen and Kuiter, 1976: 208, figure 4.

PARATYPES. P.25469-001, 3 specimens, 37–40 mm SL, Ishigaki Island, Japan.

REMARKS. The type description includes an error: the paratypes P.25419-001 should read P.25469-001.

*Paraplesiops alisonae* Hoese and Kuiter, 1984: 11, figures 1, 3.

PARATYPES. P.27136-005, 3 specimens, 72–107 mm SL, Victor Harbour, SA, Australia.

REMARKS. The type description includes an error: the paratypes P.21736-005 should read P.27136-005.

*Paraplesiops sinclairi* Hutchins, 1987a: 231, figures 1, 2.

HOLOTYPE. P.28298-008, 108 mm SL, Lucky Bay, WA, Australia.

PARATYPES. P.9257-001, 45 mm SL, Lancelin Island, WA, Australia; P.26006-001, 2 specimens, 122 mm SL, Mondrain Island, WA, Australia; P.28298-020, 112 mm SL, Lucky Bay, WA, Australia.

*Plesiops gracilis* Mooi and Randall, 1991: 374, Plate 1a; figures 2, 3a.

PARATYPES. P.27654-027, 2 specimens, 53–54 mm SL, Rowley Shoals, WA, Australia.

*Plesiops insularis* Mooi and Randall, 1991: 379, Plate 1b, c; figures 5a, 7.

PARATYPES. P.25650-003, 3 specimens, 72–90 mm SL, Lord Howe Island, NSW, Australia.

*Steeneichthys nativitatis* Allen, 1987c: 13, figure 1.

HOLOTYPE. P.29016-001, 25 mm SL, Christmas Island, Indian Ocean.

*Steeneichthys plesiopsus* Allen and Randall, 1985a: 187, figures 1, 2.

HOLOTYPE. P.28031-018, 25 mm SL, Rowley Shoals, WA, Australia.

PARATYPE. P.28027-005, 18 mm SL, Rowley Shoals, WA, Australia.

*Trachinops brauni* Allen, 1977b: 62, figures 1a, 2.

HOLOTYPE. P.25545-001, 42 mm SL, Rottneest Island, WA, Australia.

PARATYPES. P.4894-001, 4 specimens, 32–40 mm SL, Rottneest Island, WA, Australia; P.25164-005, 41 mm SL, Rottneest Island, WA, Australia; P.25197-004, 2 specimens, 32–36 mm SL, Rottneest Island, WA, Australia; P.25251-010, 2 specimens, 43–55 mm SL, Rottneest Island, WA, Australia; P.25308-004, 4 specimens, 23–27 mm SL, Houtman Abrolhos, WA, Australia; P.25315-005, 3 specimens, 23–30 mm SL, Houtman Abrolhos, WA, Australia.

#### Acanthoclinidae

*Beliops xanthokrossos* Hardy, 1985: 378, figure 10.

HOLOTYPE. P.26617-008, 22 mm SL, Rottneest Island, WA, Australia.

PARATYPES. P.25765-011, 26 mm SL, Recherche Archipelago, WA, Australia; P.26006-013, 22 mm SL, Recherche Archipelago, WA, Australia; P.26617-021, 3 specimens, 14–24 mm SL, Rottneest Island, WA, Australia; P.27616-034, 2 specimens, 21–22 mm SL, Rottneest Island, WA, Australia; P.27953-013, 2 specimens, 21–22 mm SL, Jurien Bay, WA, Australia; P.27955-013, 22 mm SL, Port Denison, WA, Australia.

REMARKS. The type description includes a paratype with the same registration number as the holotype, P.26617-008. That paratype has now been combined with paratypes P.26617-021, which had originally been reported as 2 specimens, 14–17 mm SL (all 3 specimens were collected with the holotype). The registration numbers are incorrectly presented in the type description with a space between the second and third digits.

#### Terapontidae

*Hannia greenwayi* Vari, 1978: 244, figure 39.

HOLOTYPE. P.25380-002, 81 mm SL, Hann River, WA, Australia (destroyed).

PARATYPES. P.25380-001, 48 specimens, 47–89 mm SL, Hann River, WA, Australia (5 specimens destroyed).

REMARKS. The holotype and 5 paratypes were allowed to dry out while on loan and are no longer existent (Hutchins and Smith, 1991).

*Hephaestus epirrhinos* Vari and Hutchins, 1978: 4, figure 6.

HOLOTYPE. P.25724-001, 99 mm SL, Drysdale River, WA, Australia.

PARATYPES. P.25403-002, 253 mm SL, Morgunda Creek, WA, Australia; P.25404-003, 4 specimens, 40–179 mm SL, Morgunda Creek, WA, Australia; P.25407-003, 72 mm SL, Morgunda Creek, WA,

Australia; P.25410-001, 3 specimens, 66–113 mm SL, Drysdale River, WA, Australia; P.25421-001, 2 specimens, 195–310 mm SL, Palmoondoor Creek, WA, Australia.

REMARKS. The type description includes an error: paratypes P.25421-001 were collected by handline, not rotenone.

*Hephaestus komaensis* Allen and Jebb, 1993: 235, figures 2, 3.

HOLOTYPE. P.30348-004, 143 mm SL, Koma River, PNG.

PARATYPES. P.30348-005, 22 specimens, 31–110 mm SL, Koma River, PNG.

*Hephaestus lineatus* Allen, 1984b: 393, figures 1, 2.

PARATYPES. P.27867-002, 2 specimens, 22–23 mm SL, Auk River, West Papua, Indonesia; P.27868-002, 42 mm SL, Senopi River, West Papua, Indonesia.

REMARKS. The type description includes two errors: the paratypes P.27868-002 should read P.27867-002 and the paratypes P.27869-002 should read P.27868-002.

*Leiopotherapon macrolepis* Vari, 1978: 235, figure 34.

HOLOTYPE. P.25392-001, 92 mm SL, near Prince Regent River, WA, Australia.

PARATYPES. P.25025-002, 38 mm SL, Roe River, WA, Australia; P.25026-003, 5 specimens, 35–53 mm SL, Roe River, WA, Australia; P.25027-003, 6 specimens, 35–43 mm SL, Roe River, WA, Australia; P.25029-002, 20 specimens, 40–65 mm SL, Roe River, WA, Australia; P.25032-005, 10 specimens, 30–50 mm SL, Gundarara Creek, WA, Australia; P.25040-002, 12 specimens, 40–116 mm SL, Youwanjela Creek, WA, Australia (3 specimens destroyed).

REMARKS. Three specimens of paratypes P.25040-002 were allowed to dry out while on loan and are no longer existent (Hutchins and Smith 1991). The type description includes two errors: the paratypes P.25-25-002 should read P.25025-002 and the paratypes P.25025-002, 1, 38 mm should read P.25032-002, 10, 30–50 mm.

*Mesopristes jenkinsi* Whitley, 1945: 26.

HOLOTYPE. P.2763-001, 116 mm SL, Ord River, WA, Australia.

SYNONYMY. This species is now known as *Hephaestus jenkinsi*.

*Pingalla midgleyi* Allen and Merrick, 1984: 76, figures 1, 2.

PARATYPES. P.26702-002, 61 mm SL, East Alligator River, NT, Australia; P.27050-001, 5 specimens, 50–61 mm SL, Deaf Adder Creek, NT, Australia; P.27051-002, 4 specimens, 52–74 mm SL, Katherine River, NT, Australia.

REMARKS. The type description includes an error: for the paratypes P.27050-001, there are 5 specimens, not 7.

*Scortum neili* Allen, Larson and Midgley, 1993: 71, figure 1.

PARATYPES. P.30285-001, 3 specimens, 78–86 mm SL, Angalarri River, NT, Australia.

*Syncomistes butleri* Vari, 1978: 311, figures 87, 88.

HOLOTYPE. P.25385-001, 123 mm SL, Barramundi Creek, NT, Australia (destroyed).

PARATYPES. P.21536-001, 60 mm SL, Ord River, WA, Australia; P.25386-001, 5 specimens, 54–78 mm SL, South Alligator River, NT, Australia; P.25387-001, 9 specimens, 57–211 mm SL, Katherine River, NT, Australia; P.25388-001, 11 specimens, 55–175 mm SL, South Alligator River, NT, Australia; P.25389-001, 5 specimens, 44–57 mm SL, East Mary River, NT, Australia; P.25390-001, 8 specimens, 62–69 mm SL, West Baines River, NT, Australia; P.25427-003, 2 specimens, 74–88 mm SL, Drysdale River, WA, Australia.

REMARKS. The holotype was allowed to dry out while on loan and is no longer existent (Hutchins and Smith 1991). The type description includes an error: for the paratypes P.25427-003 there are 2 specimens, not 1.

*Syncomistes kimberleyensis* Vari, 1978: 315, figure 91.

HOLOTYPE. P.25383-001, 36 mm SL, Bow River, WA, Australia (destroyed).

REMARKS. The holotype was allowed to dry out while on loan and is no longer existent (Hutchins and Smith 1991). Two paratypes are registered at AMNH.

*Syncomistes rastellus* Vari and Hutchins, 1978: 1, figure 1.

HOLOTYPE. P.25723-001, 100 mm SL, Gibb River, WA, Australia.

PARATYPES. P.25402-004, 3 specimens, 74–84 mm SL; P.25404-010, 3 specimens, 66–81 mm SL; P.25405-007, 85 mm SL, all from Mogurnda Creek, WA, Australia; P.25410-004, 8 specimens, 72–125 mm SL, Drysdale River, WA, Australia.

*Syncomistes trigonicus* Vari, 1978: 316, figures 92, 93.

HOLOTYPE. P.25391-001, 93 mm SL, Roe River, WA, Australia (destroyed).

PARATYPES. P.25026-002, 2 specimens, 47–112 mm SL, Roe River, WA, Australia; P.25027-002, 130 mm SL, Roe River, WA, Australia; P.25028-006, 98 mm SL, Wyulda Creek, WA, Australia.

REMARKS. The holotype was allowed to dry out while on loan and is no longer existent (Hutchins and Smith 1991).

*Therapon aheneus* Mees, 1963: 2, figure 1.

HOLOTYPE. P.5350-001, 90 mm SL, Millstream Pool, WA, Australia (destroyed).

PARATYPES. P.5351-001, 11 specimens, 51–101 mm SL; P.5358-001, 3 specimens, 59–70 mm SL; P.5373-001, 5 specimens, 68–95 mm SL, all from Millstream Pool, WA, Australia; P.5423-001, 2 specimens, 47–51 mm SL, Fortescue River, WA, Australia (missing); P.5424-001, 50 mm SL, Fortescue River, WA, Australia (missing).

REMARKS. The holotype was allowed to dry out while on loan and is no longer existent (Hutchins and Smith 1991). In addition, paratypes P.5423-001 and P.5424-001 are missing, presumed lost.

SYNONYMY. This species is now known as *Leiopotherapon aheneus*.

### Priacanthidae

*Priacanthus fitchi* Starnes, 1988: 164, Plate 1h; figure 3e.

PARATYPES. P.25394-003, 88 mm SL; P.25399-012, 7 specimens, 69–185 mm SL; P.26291-007, 3 specimens, 95–105 mm SL, all from vicinity of Rowley Shoals, WA, Australia.

*Priacanthus sagittarius* Starnes, 1988: 178, Plate 3 e, f, g; figures 3, 5, 8, 12, 18.

PARATYPE. P.29373-001, 175 mm SL, Bali, Indonesia.

### Apogonidae

*Apogon capricornis* Allen and Randall, 1993: 112, figure 5.

PARATYPES. P.30429-001, 10 specimens, 54–57 mm SL, One Tree Island, Qld., Australia

SYNONYMY. This species is now known as *Ostorhinchus capricornis*.

*Apogon caudicinctus* Randall and Smith, 1988: 2, figure 1.

PARATYPE. P.29385-001, 53 mm SL, Marotiri, Pacific Ocean.

*Apogon cladophilos* Allen and Randall, 2002a: 122, figures 4, 5.

HOLOTYPE. P.31480-001, 30 mm SL, Lizard Island, Qld., Australia

*Apogon flavus* Allen and Randall, 1993: 109, figures 2, 3, 4.

PARATYPES. P.30428-001, 2 specimens, 89–92 mm SL, Lord Howe Island, NSW, Australia.

*Apogon franssedai* Allen, Kuitert and Randall, 1994: 33, figure 5.

PARATYPES. P.30511-001, 53 mm SL, Pasir Sari Reef, Indonesia; P.30514-001, 2 specimens, 41–43 mm SL, Bali, Indonesia.



REMARKS. The type description includes an error: the paratypes P.30511 should read P.30511-001.

*Apogon fuscomaculatus* Allen and Morrison, 1996: 439, figure 1.

PARATYPE. P.30992-001, 49 mm SL, Rowley Shoals, WA, Australia.

*Apogon fusovatus* Allen, 1985c: 11, figure 1.

HOLOTYPE. P.14397-001, 94 mm SL, Darwin, NT, Australia.

PARATYPES. P.14516-001, 84 mm SL, Darwin, NT, Australia; P.14517-001, 88 mm SL, Darwin, NT, Australia; P.28315-001, 66 mm SL, Aru Islands, Indonesia; P.28316-001, 83 mm SL, Darwin, NT, Australia.

REMARKS. In the original description, the paratypes P.14516-17 should be read as P.14516-001 and P.14517-001. In addition, the data for paratypes P.28316-001 and P.28315-001 has been inadvertently transposed.

SYNONYMY. This name is a junior synonym of *Apogon melanopus* Weber, 1911.

*Apogon komodoensis* Allen, 1998c: 27, figure 1.

PARATYPES. P.30960-001, 57 mm SL, Rinca Island, Indonesia; P.30963-001, 2 specimens, 53–54 mm SL, Padar Island, Indonesia.

*Apogon leptofasciatus* Allen, 2001b: 145, figure 1.

PARATYPES. P.31782-001, 2 specimens, 48–50 mm SL, Wruwarez Island, Indonesia.

*Apogon limenus* Randall and Hoese, 1988: 361, figures 1, 2.

PARATYPES. P.27082-006, 5 specimens, 81–96 mm SL, Northwest Solitary Island, NSW, Australia.

REMARKS. The type description includes an error: the locality for these paratypes was incorrectly given as Solitary Island.

*Apogon lineomaculatus* Allen and Randall, 2002a: 117, figures 1, 2.

PARATYPES. P.30514-002, 2 specimens, 45–47 mm SL, Bali, Indonesia.

*Apogon nanus* Allen, Kuitert and Randall, 1994: 29, figures 2, 3.

PARATYPES. P.30372-002, 34 specimens, 13–27 mm SL, Madang, PNG; P.30402-002, 85 specimens, 16–29 mm SL, Mamutik Island, Indonesia.

*Apogon neotes* Allen, Kuitert and Randall, 1994: 31, figure 4.

PARATYPES. P.30354-001, 17 specimens, 13–27 mm SL, Madang, PNG.

*Apogon ocellicaudus* Allen, Kuitert and Randall, 1994: 28, figure 1.

HOLOTYPE. P.29049-025, 49 mm SL, Ashmore Reef, WA, Australia.

PARATYPES. P.29049-003, 7 specimens, 30–46 mm SL, Ashmore Reef, WA, Australia; P.30513-001, 13 specimens, 35–47 mm SL, Flores, Indonesia.

*Apogon oxygrammus* Allen, 2001b: 147, figure 4.

PARATYPES. P.31780-001, 2 specimens, 31–33 mm SL, Pef Island, Indonesia.

*Apogon pallidofasciatus* Allen, 1987d: 3, figure 1.

HOLOTYPE. P.28985-001, 100 mm SL, North West Cape, WA, Australia.

PARATYPES. P.25114-004, 79 mm SL, Dampier Archipelago, WA, Australia; P.25117-009, 86 mm SL, Dampier Archipelago, WA, Australia; P.27274-046, 5 specimens, 74–80 mm SL, Broome, WA, Australia.

*Apogon (Jaydia) photogaster* Gon and Allen, 1998: 3, figures 1.

HOLOTYPE. P.31213-057, 49 mm SL, Madang Lagoon, PNG.

PARATYPES. P.30358-001, 30 mm SL, Madang, PNG; P.31213-001, 3 specimens, 31–49 mm SL, Madang, PNG; P.31394-001, 2 specimens, 66–72 mm SL, Galoc Island, Philippines.

SYNONYMY. This name appears to be a junior synonym of *Apogon argyrogaster* Weber, 1909 (see Fraser, 2000).

*Apogon pselion* Randall, Fraser and Lachner, 1990: 57, figures 8, 9.

PARATYPES. P.29386-001, 2 specimens, 25–35 mm SL, El Himeira, Egypt.

*Apogon sabahensis* Allen and Kuitert, 1994: 19, figure 1.

HOLOTYPE. P.30399-012, 100 mm SL, Gaya Island, Indonesia.

PARATYPES. P.30399-001, 4 specimens, 89–92 mm SL, Gaya Island, Indonesia (all missing).

SYNONYMY. This name is a junior synonym of *Apogon urostigma* (Bleeker, 1874).

*Apogon selas* Randall and Hayashi, 1990: 399, figures 1, 2.

PARATYPE. P.29863-001, 24 mm SL, Iriomote Islands, Japan.

SYNONYMY. This species is now known as *Ostorhinchus selas*.

*Apogon smithvanizi* Allen and Randall, 1994: 24, figure 1.

HOLOTYPE. P.25988-001, 49 mm SL, Bahrain, Arabian Gulf.

PARATYPES. P.25784-004, 2 specimens, 44–47 mm SL, Ghukra, Oman.

SYNONYMY. This name is a junior synonym of *Apogon gularis* Fraser and Lachner, 1984.

*Apogon (Jaydia) striatodes* Gon, 1997: 179, figure 15.

- PARATYPE. P.31189-001, 45 mm SL, Luzon, Philippines.
- Apogon unitaeniatus* Allen, 1995b: 177, figure 1.  
PARATYPE. P.30743-001, 48 mm SL, Bonaparte Archipelago, WA, Australia.
- Apogon ventrifasciatus* Allen, Kuitert and Randall, 1994: 35, figure 7.  
HOLOTYPE. P.30351-001, 49 mm SL, Madang, PNG.  
PARATYPES. P.25244-011, 47 mm SL, Ambon Island, Indonesia; P.30351-002, 40 mm SL, Madang, PNG.  
SYNONYMY. This name is a junior synonym of *Apogon moluccensis* Valenciennes, 1832.
- Apogon virgulatus* Allen and Randall, 1993: 107, figure 1.  
HOLOTYPE. P.30312-021, 38 mm SL, Cleghorn Island, WA, Australia.  
PARATYPES. P.30312-015, 17 specimens, 22–39 mm SL, Cleghorn Island, WA, Australia; P.30402-001, 5 specimens, 22–48 mm SL, Mamutik Island, Indonesia.  
SYNONYMY. This name is a junior synonym of *Apogon cavitiensis* (Jordan and Seale, 1907).
- Cercamia cladara* Randall and Smith, 1988: 7, figure 2.  
PARATYPE. P.29655-001, 27 mm SL, Rapa, Pacific Ocean.
- Cheilodipterus alleni* Gon, 1993: 10, Plate 4 (figure a); figure 4.  
HOLOTYPE. P.30364-006, 77 mm SL, Madang, PNG.  
PARATYPES. P.30340-002, 64 mm SL, Madang, PNG; P.30361-001, 2 specimens, 77–104 mm SL, Madang, PNG.
- Cheilodipterus intermedius* Gon, 1993: 19, Plate 1 (figure b); figure 8.  
PARATYPES. P.27824-072, 2 specimens, 53–65 mm SL, Manus Island, PNG.
- Cheilodipterus parazonatus* Gon, 1993: 37, Plate 5 (figure c); figure 15.  
PARATYPES. P.24717-001, 2 specimens, 53–61 mm SL, Lizard Island, Qld., Australia
- Cheilodipterus persicus* Gon, 1993: 41, Plates 3 (a), 5 (d); figure 16.  
PARATYPES. P.25979-001, 3 specimens, 89–96 mm SL, Persian Gulf, Qatar; P.26463-005, 84 mm SL, Persian Gulf, Qatar.
- Fowleria flammea* Allen, 1993a: 10, figure 3.  
HOLOTYPE. P.30376-004, 28 mm SL, Madang, PNG.  
PARATYPES. P.27827-022, 3 specimens, 30–31 mm SL, Manus Island, PNG.
- Glossamia timika* Allen, Hortle and Renyaan, 2000: 169, figures.  
PARATYPES. P.31253-007, 8 specimens, 25–68 mm SL, Kopi River, West Papua, Indonesia.
- Paxton concilians* Baldwin and Johnson, 1999: 1051, figures 1, 2.  
PARATYPE. P.27219-035, 67 mm SL, Houtman Abrolhos, WA, Australia.  
REMARKS. The type description includes an error: the paratype P.27219035 should read P.27219-035.
- Pseudamia hayashii* Randall, Lachner and Fraser, 1985: 11, figure 4.  
PARATYPES. P.27827-023, 30 mm SL, Manus Island, PNG; P.28031-023, 38 mm SL, Rowley Shoals, WA, Australia; P.28174-004, 2 specimens, 35–54 mm SL, Rabaul, PNG.
- Pseudamia nigra* Allen, 1992a: 697, figure 1.  
HOLOTYPE. P.30300-001, 50 mm SL, King George River, WA, Australia.
- Pseudamia zonata* Randall, Lachner and Fraser, 1985: 17, Plate 1 (figure d); figures 5, 6.  
PARATYPES. P.27493-001, 2 specimens, 14–42 mm SL, Rabaul, PNG.
- Quinca mirifica* Mees, 1966: 83, figure 1.  
HOLOTYPE. P.5787-001, 80 mm SL, Yampi Sound, WA, Australia.
- Rhabdamia eremia* Allen, 1987d: 4, figure 2.  
HOLOTYPE. P.25815-020, 37 mm SL, South Muiron Island, WA, Australia.  
PARATYPES. P.25793-003, 6 specimens, 25–31 mm SL, Jiddah, Saudi Arabia; P.26071-013, 26 mm SL, Houtman Abrolhos, WA, Australia; P.26085-015, 26 mm SL, Christmas Island, Indian Ocean; P.26092-023, 2 specimens, 20–21 mm SL, Christmas Island, Indian Ocean; P.27459-006, 30 mm SL, Escape Reef, Qld., Australia; P.27581-001, 40 mm SL, Houtman Abrolhos, WA, Australia; P.28024-009, 22 mm SL, Rowley Shoals, WA, Australia.  
SYNONYMY. This species is now known as *Cercamia eremia*.
- Rhabdamia spilota* Allen and Kuitert, 1994: 21, figure 2.  
PARATYPES. P.30515-001, 5 specimens, 20–34 mm SL, Bali, Indonesia.
- Siphamia corallicola* Allen, 1993a: 12, figures 4, 5, 6.  
HOLOTYPE. P.30337-009, 29 mm SL, Madang, PNG.  
PARATYPES. P.30337-002, 7 specimens, 19–30 mm SL, Madang, PNG; P.30372-004, 8 specimens, 17–27 mm SL, Madang, PNG; P.30375-002, 24 specimens, 10–22 mm SL, Madang, PNG;

P.30402-005, 5 specimens, 17–20 mm SL, Mamutik Island, Indonesia; P.30405-014, 30 mm SL, Mamutik Island, Indonesia.

*Siphamia jebbi* Allen, 1993a: 14, figure 7.

HOLOTYPE. P.30375-006, 22 mm SL, Madang, PNG.

Paratypes – P.27666-013, 2 specimens, 14–15 mm SL, Rowley Shoals, WA, Australia; P.30337-006, 5 specimens, 17–24 mm SL; P.30372-006, 14 mm SL; P.30375-001, 20 specimens, 12–22 mm SL; P.30376-019, 25 mm SL, all from Madang, PNG.

*Vincentia badia* Allen, 1987d: 6, figure 3.

HOLOTYPE. P.25999-006, 68 mm SL, Cape Peron, WA, Australia.

PARATYPE. P.26060-006, 43 mm SL, Rottneest Island, WA, Australia; P.26532-007, 58 mm SL, Geographe Bay, WA, Australia; P.27643-009, 2 specimens, 47–61 mm SL, Bunkers Bay, WA, Australia; P.27956-009, 2 specimens, 39–40 mm SL, Port Denison, WA, Australia; P.28967-001, 39 mm SL, Garden Island, WA, Australia.

REMARKS. The type description includes an error: the type locality was incorrectly given as Port Peron, instead of Point Peron, but in fact should have been Cape Peron (see ICSM, 2005).

*Vincentia macrocauda* Allen, 1987d: 7, figure 4.

HOLOTYPE. P.26608-017, 70 mm SL, Cheyne Beach, WA, Australia.

PARATYPES. P.28293-023, 53 mm SL, Lucky Bay, WA, Australia; P.28297-015, 2 specimens, 40–43 mm SL, Lucky Bay, WA, Australia; P.28298-010, 84 mm SL, Lucky Bay, WA, Australia; P.28864-005, 62 mm SL, Recherche Archipelago, WA, Australia.

### Sillaginidae

*Sillago (Parasillago) attenuata* McKay, 1985: 36, figures 12a, 13c.

PARATYPE. P.28581-001, 2 specimens, 121–146 mm SL, Ras Tannurah, Saudi Arabia.

REMARKS. These paratypes were originally described with the registration number PO.491 (see History section in Introduction). A third, cleared and stained specimen (102 mm SL) with number PO.491 in the jar lead to confusion in Hutchins and Smith (1991). The type status of this specimen is unknown. Since lengths were not provided in the type description, specimens have been measured and reported here.

*Sillago (Parasillago) bassensis flindersi* McKay, 1985: 29, figures 9i, j, k, l, 14k.

PARATYPES. P.19116-001, 171 mm SL, Lakes Entrance, Vic., Australia; P.28583-001, 20 specimens (all c/s), 159–188 mm SL, Moreton Bay, Qld., Australia; P.28588-001 (c/s), 206 mm

SL, Lakes Entrance, Vic., Australia; P.28608-001 (c/s), Lakes Entrance, Vic., Australia

REMARKS. In the type description, several paratypes were originally described using a PO registration number (see History section in Introduction). They have been reregistered as follows: P.28583-001 (ex PO.366 to PO.385); P.28588-001 (ex PO.793) and P.28608-001 (PO.794). Paratypes PO.795 to PO.797 are missing, presumed lost. The cleared and stained P.28608-001 has disintegrated and is unmeasurable. Since lengths were not provided in the type description, specimens have been measured and reported here.

SYNONYMY. This species is now known as *Sillago flindersi*.

*Sillago fraseri* Whitley, 1944a: 270.

HOLOTYPE. P.2698-001, 93 mm SL, Bunbury, WA, Australia.

PARATYPE. P.2699-001, 68 mm SL, Bunbury, WA, Australia.

REMARKS. Registration numbers were omitted from the type description.

SYNONYMY. This name is a junior synonym of *Sillago schomburgkii* Peters, 1864.

*Sillago (Parasillago) lutea* McKay, 1985: 40, figures 10d, 13h, i.

HOLOTYPE. P.15928-001, 130 mm SL, Exmouth Gulf, WA, Australia.

PARATYPES. P.13223-001 (c/s), 133 mm SL, Gulf of Carpentaria, Qld., Australia; P.14261-001 (missing, presumed lost); P.14398-001, 112 mm SL; P.14480-001 (c/s), 142 mm SL; P.14481-001 (c/s), 124 mm SL; P.14482-001 (c/s), 106 mm SL; P.14483-001 (c/s), 105 mm SL; P.15093-001 (skel.), 117 mm SL; P.15094-001 (c/s), 118 mm SL; P.15095-001, 110 mm SL; P.15096-001 (c/s), 119 mm SL; P.15097-001, 116 mm SL; P.15098-001, 134 mm SL; P.15099-001, 118 mm SL; P.15100-001, 122 mm SL; P.15101-001, 114 mm SL; P.15102-001 (c/s), 122 mm SL; P.15103-001, 119 mm SL; P.15104-001 (c/s), 126 mm SL; P.15105-001, 108 mm SL; P.15106-001, 103 mm SL, all from Darwin, NT, Australia; P.15878-001, 134 mm SL; P.15879-001, 135 mm SL; P.15880-001, 128 mm SL; P.15881-001, 135 mm SL; P.15882-001; P.15883-001; P.15884-001; P.15885-001, 137 mm SL; P.15886-001, 126 mm SL; P.15887-001, 125 mm SL; P.15888-001, 130 mm SL; P.15889-001, 130 mm SL; P.15890-001, 131 mm SL; P.15891-001, 125 mm SL; P.15892-001, 118 mm SL; P.15893-001, 130 mm SL; P.15894-001, 133 mm SL; P.15895-001, 134 mm SL; P.15896-001, 127 mm SL; P.15897-001, 128 mm SL; P.15898-001, 123 mm SL; P.15899-001, 129 mm SL; P.15900-001, 130 mm SL; P.15901-001, 126 mm SL; P.15902-001, 143 mm SL; P.15903-001, 135 mm SL; P.15904-001, 131 mm SL; P.15905-001,

128 mm SL; P.15906-001, 129 mm SL; P.15907-001, 125 mm SL; P.15908-001, 133 mm SL; P.15909-001, 134 mm SL; P.15910-001, 134 mm SL, all from Exmouth Gulf, WA, Australia; P.28582-001, 4 specimens (all c/s), 80–152 mm SL, Nickol Bay, WA, Australia; P.28584-001, 4 specimens (all c/s), 93–142 mm SL, Admiralty Gulf, WA, Australia; P.28585-001, 2 specimens (all c/s), 108–155 mm SL, Admiralty Gulf, WA, Australia; P.28586-001, 6 specimens (all c/s), 120–144 mm SL, Mitchell River area, WA, Australia; P.28589-001, 25 specimens (all c/s), 111–143 mm SL, Exmouth Gulf, WA, Australia; P.28590-001, 5 specimens (all c/s), 114–135 mm SL, Exmouth Gulf, WA, Australia; P.28602-001, 43 specimens (all skel., no skulls), 87–102 mm vertebral column, Admiralty Gulf, WA, Australia; P.28603-001, 7 specimens (all skel.), 105–120 mm SL, Admiralty Gulf, WA, Australia; P.28604-001, 56 specimens (all skel.), 116–135 mm SL, Exmouth Gulf, WA, Australia; P.28605-001, 92 specimens (all skel., no skulls), 84–105 mm vertebral column, Exmouth Gulf, WA, Australia; P.28606-001, 53 specimens (all skel., no skulls), 86–103 mm vertebral column, Exmouth Gulf, WA, Australia; P.29440-002 (c/s), 116 mm SL, West Moore Island, WA, Australia; P.29445-001 (c/s), 123 mm SL, King Bay, WA, Australia; P.30189-001, 13 specimens (all c/s), 93–142 mm SL, Exmouth Gulf, WA, Australia; P.30190-001, 10 specimens, Mitchell River area, WA, Australia (missing).

REMARKS. In the type description, many paratypes were originally described using a PO registration number (see History section in Introduction). They have been reregistered as follows: P.28589-001 (ex PO.335 to PO.359); P.28590-001 (ex PO.361 to PO.365); P.28604-001 (ex PO.386 to PO.442); P.28582-001 (ex PO.465, PO.470, PO.471); P.28605-001 (ex PO.492 to PO.583); P.28584-001 (ex PO.601 to PO.604); P.30189-001 (ex PO.605 to PO.617); P.28603-001 (ex PO.676 to PO.682); P.28606-001 (ex PO.683 to PO.735); P.28585-001 (ex PO.752 to PO.753); P.29445-001 (ex PO.762); P.28586-001 (ex PO.787 to PO.792); P.28602-001 (ex PO.822 to PO.864); P.29440-002 (ex PO.469); P.30189-001 (ex PO.605 to PO.617); P.30190-001 (ex PO.960 to PO.969). Paratypes P.28584-001 from Admiralty Gulf and paratypes P.30189-001 from Exmouth Gulf have accidentally been combined and are indistinguishable from one another. Paratypes P.15882-001 to P.15884-001 have been donated to CSIRO (C.4924–C.4926). Since lengths for paratypes were not provided in the type description, specimens have been measured and reported here.

*Sillago vincenti* McKay, 1980: 378, figure 1.

PARATYPE. P.26850-001, 170 mm SL, Quilon, India.

REMARKS. Registration numbers were omitted from the type description but later provided by McKay (1985).

*Sillago (Parasillago) vittata* McKay, 1985: 20, figures 4b, 10c, 13m, n, o, 14l.

HOLOTYPE. P.14172-001, 209 mm SL, Rottnest Island, WA, Australia.

PARATYPES. P.14158-001, 177 mm SL; P.14159-001, 197 mm SL; P.14160-001, 210 mm SL; P.14161-001, 228 mm SL; P.14162-001, 172 mm SL; P.14163-001, 202 mm SL; P.14164-001, 199 mm SL; P.14165-001, 160 mm SL; P.14166-001, 187 mm SL; P.14167-001, 227 mm SL; P.14168-001, 171 mm SL; P.14169-001, 239 mm SL; P.14170-001, 205 mm SL; P.14171-001, 197 mm SL; P.14173-001, 198 mm SL; P.14174-001 (missing); P.14175-001, 166 mm SL, all from Rottnest Island, WA, Australia; P.14983-001, 166 mm SL; P.15242-001, 156 mm SL; P.15243-001, 171 mm SL; P.15244-001, 171 mm SL; P.15245-001, 167 mm SL; P.15246-001, 169 mm SL, all from Shark Bay, WA, Australia; P.19230-001, 176 mm SL, Maud Landing, WA, Australia; P.28607-001, 15 specimens (all skel.), 183–202 mm SL, Shark Bay, WA, Australia.

REMARKS. The type description lists paratypes P.14158-71. This should now be read as P.14158-001 to P.14171-001. In the type description, several paratypes were originally described using a PO registration number (see History section in Introduction). They have been reregistered as follows: P.28607-001 (ex PO.190 to PO.204). Since lengths were not provided in the type description, specimens have been measured and reported here.

#### Malacanthidae

*Branchiostegus australiensis* Dooley and Kailola, 1988: 253, figures 2h, 3.

HOLOTYPE. P.27217-004, 266 mm SL, Shark Bay, WA, Australia.

*Branchiostegus gloerfelti* Dooley and Kailola, 1988: 255, figure 2k.

HOLOTYPE. P.28304-001, 235 mm SL, Kepulauan Butu, Indonesia.

#### Carangidae

*Caranx humerosus* McCulloch, 1915: 137, Plate 25.

PARATYPE. P.258-001, 2 specimens, 123–128 mm SL, Pine Peak Island, Qld., Australia

REMARKS. Unlike many of McCulloch's other species descriptions in the "Endeavour" series, this account does not provide details of the type series. Mention is made of the morphological

variation amongst a series of 48 specimens, one of which was selected as the holotype. Presumably all 48 specimens were used in the description; four of those subsequently deposited at AMS have been designated as paratypes (Paxton *et al.*, 1989). Therefore, we also recognise the two WAM specimens as paratypes. The "Endeavour" collection number of these specimens is E.2821.

SYNONYMY. This species is now known as *Carangoides humerosus*.

*Pseudocaranx dinjerra* Smith-Vaniz and Jelks, 2006: 98, figures 2, 3A.

PARATYPE. P.22338-001, 217 mm SL, Cape Cuvier, WA, Australia.

#### Lutjanidae

*Lutjanus mizenkoi* Allen and Talbot, 1985: 58, Plate 7h; figure 7.

PARATYPE. P.28314-001, 224 mm SL, Apolima Strait, Western Samoa.

#### Caesionidae

*Caesio varilineata* Carpenter, 1987: 24, Plates 2c, 6g.

PARATYPES. P.25980-001, 96 mm SL, Persian Gulf, Qatar; P.25986-002, 276 mm SL, Persian Gulf, Bahrain; P.25997-001, 4 specimens, 167–199 mm SL, Gulf of Oman, United Arab Emirates.

*Pterocaesio flavifasciata* Allen and Erdmann, 2006c: 8, figures 1, 2.

PARATYPES. P.32769-001, 203 mm SL, Weh Island, Indonesia; P.32770-001, 185 mm SL, Weh Island, Indonesia.

#### Nemipteridae

*Parascolopsis rufomaculatus* Russell, 1986: 137, figure 2.

HOLOTYPE. P.28105-001, 153 mm SL, North West Shelf, WA, Australia.

PARATYPES. P.25394-010, 102 mm SL; P.26270-003, 5 specimens, 115–121 mm SL; P.28106-001, 146 mm SL, all from North West Shelf, WA, Australia.

*Parascolopsis tanyactis* Russell, 1986: 140, figure 3.

HOLOTYPE. P.26263-001, 147 mm SL, North West Shelf, WA, Australia.

PARATYPES. P.26187-003, 166 mm SL, Monte Bello Islands, WA, Australia; P.26212-001, 2 specimens, 186–188 mm SL, off Port Hedland, WA, Australia; P.26888-001, 190 mm SL, Rowley Shoals, WA, Australia; P.26889-001, 206 mm SL, Carnarvon, WA, Australia.

REMARKS. The type description includes an error: for the paratypes P.26212-001 there are 2 specimens, not 12.

*Pentapodus aureofasciatus* Russell, 2001: 53, figures 1, 2.

PARATYPE. P.28095-001, 142 mm SL, Tutuila Island, American Samoa.

#### Lethrinidae

*Lethrinus ravus* Carpenter and Randall, 2003: 3, figure 1b.

PARATYPES. P.32329-001, 2 specimens, 213–214 mm SL, Davies Reef, Qld., Australia

#### Sciaenidae

*Nibea microgenys* Sasaki, 1992: 5, figure 5.

PARATYPE. P.13689-001, 216 mm SL, Broome, WA, Australia.

#### Mullidae

*Upeneichthys stotti* Hutchins, 1990: 484, figure 1.

HOLOTYPE. P.28939-003, 117 mm SL, Rottneest Island, WA, Australia.

PARATYPES. P.5504-001, 138 mm SL, Houtman Abrolhos, WA, Australia; P.5594-001, 102 mm SL, Bluff Rocks, WA, Australia; P.5783-001, 102 mm SL, Shark Bay, WA, Australia; P.20883-001, 112 mm SL, Rottneest Island, WA, Australia; P.20890-001, 110 mm SL, Rottneest Island, WA, Australia; P.22067-001, 2 specimens, 126–132 mm SL, Rottneest Island, WA, Australia; P.27219-026, 98 mm SL, Houtman Abrolhos, WA, Australia; P.27960-011, 2 specimens, 85–99 mm SL, Kalbarri, WA, Australia; P.28614-001, 11 specimens (1 c/s), 93–115 mm SL, King George Sound, WA, Australia; P.28939-002, 5 specimens, 90–121 mm SL, Rottneest Island, WA, Australia.

#### Monodactylidae

*Bramichthys woodwardi* Waite, 1905: 72, Plate 14.

HOLOTYPE. P.13257-001, 146 mm SL (172 mm TL), Mandurah, WA, Australia.

SYNONYMY. This species is now known as *Schuettea woodwardi*.

#### Pempherididae

*Pempheris elongatus* McCulloch, 1911: 47, Plate 4 (figure 1).

PARATYPE. P.28591-001, 73 mm SL (90 mm TL), Flinders Island, Tas., Australia

REMARKS. This paratype was first registered as a 'co-type' in the WAM *Zoological Register* in 1911 as 11519. This specimen is obviously one of 16 on which the type description was based. The "Endeavour" collection number of these specimens is E.2821. The correct registration number is cited above.

SYNONYMY. This species is now known as *Parapriacanthus elongatus*.

*Pempheris ornata* Mooi and Jubb, 1996: 120, figures 1, 2, 3, 5.

PARATYPES. P.30996-001, 2 specimens, 53–66 mm SL, Rapid Bay, SA, Australia.

*Pempheris ypsilychnus* Mooi and Jubb, 1996: 123, figures 7, 8.

HOLOTYPE. P.28059-019, 74 mm SL, Broome, WA, Australia.

PARATYPES. P.28059-023, 67 mm SL, Broome, WA, Australia; P.28416-019, 91 mm SL, Broome, WA, Australia.

### Toxotidae

*Toxotes kimberleyensis* Allen, 2004b: 226, figures 1, 2.

HOLOTYPE. P.25039-002, 126 mm SL, Plain Creek, WA, Australia.

PARATYPES. P.25039-001, 3 specimens, 98–109 mm SL, Plain Creek, WA, Australia; P.25437-001, 66 mm SL, May River, WA, Australia; P.25440-006, 15 specimens, 53–93 mm SL, Lennard River, WA, Australia.

### Scorpididae

*Neatypus obliquus* Waite, 1905: 65, Plate 10.

SYNTYPE. P.13256-001, Houtman Abrolhos, WA, Australia (missing, presumed lost).

REMARKS. The type description refers to two specimens but does not provide any registration numbers. Both were sent to AMS from WAM in 1904 (see Waite discussion in Introduction) and one was retained by AMS (AMS I.7034). The other was apparently returned to WAM and eventually registered by McKay in 1965 as P.13256-001, but it does not appear in either of McKay's lists of type specimens at WAM (McKay 1965; 1966a). As we have been unable to locate this syntype, it is considered lost.

### Chaetodontidae

*Chaetodon assarius* Waite, 1905: 66, Plate 11 (figure 1).

HOLOTYPE. P.13255-001, 97 mm SL (119 mm TL), Fremantle, WA, Australia.

*Chelmonops curiosus* Kuitert, 1986a: 74, figures 1, 4b, 5, 7.

HOLOTYPE. P.13745-001, 137 mm SL, Perth, WA, Australia.

PARATYPES. P.4342-001, 179 mm SL, Rottnest Island, WA, Australia; P.5322-001, 121 mm SL, Beagle Bay, WA, Australia; P.24175-001, 102 mm SL, Wanneroo, WA, Australia; P.25725-002, 78

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mm SL, Rottnest Island, WA, Australia; P.27960-012, 116 mm SL, Kalbarri, WA, Australia.

*Roa australis* Kuitert, 2004: 168, figure 1.

HOLOTYPE. P.26215-001, 112 mm SL, Port Hedland, WA, Australia.

### Pomacanthidae

*Chaetodontoplus vanderloosi* Allen and Steene, 2004: 24, figures 1, 2, 3, 4.

HOLOTYPE. P.32263-001, 125 mm SL, Samarai Island, PNG.

*Holacanthus personifer* McCulloch, 1914b: 221, Plate 31.

HOLOTYPE. P.28592-001, 290 mm TL, Shark Bay, WA, Australia.

SYNONYMY. This species is now known as *Chaetodontoplus personifer*.

### Pentacerotidae

*Parazanclistius hutchinsi* Hardy, 1983a: 375, figure 1.

HOLOTYPE. P.25718-001, 188 mm SL, Rottnest Island, WA, Australia.

PARATYPES. P.725-001, 204 mm SL, Bald Island, WA, Australia; P.16411-001, 278 mm SL, Bunbury, WA, Australia.

*Paristiopterus gallipavo* Whitley, 1944b: 28, figure 4.

HOLOTYPE. P.2589-001, 630 mm SL, Rockingham, WA, Australia.

### Pomacentridae

*Abudefduf lorentzi* Hensley and Allen, 1977: 109, figures 1, 2.

PARATYPE. P.24924-001, 87 mm SL, New Britain, PNG.

*Abudefduf natalensis* Hensley and Randall, 1983: 2, figures 1, 2, 3a.

PARATYPES. P.26529-001, 2 specimens, 130–132 mm SL, Kwazulu, South Africa.

*Altrichthys curatus* Allen, 1999a: 24, figures 1, 2.

PARATYPES. P.31400-001, 6 specimens, 37–40 mm SL, Tangat Island, Philippines; P.31406-001, 3 specimens, 39–41 mm SL, Cuyo Islands, Philippines; P.31407-001, 8 specimens, 30–43 mm SL, Cuyo Islands, Philippines.

*Amblyglyphidodon batunai* Allen, 1995c: 86, figure 1.

PARATYPES. P.25248-004, 66 mm SL, Pulau Putri, Indonesia; P.30812-002, 64 mm SL, Bunaken Island, Indonesia; P.30152-001, 3 specimens, 54–60 mm SL, Karimundajawa Island, Indonesia.

*Amblyglyphidodon flavilatus* Allen and Randall, 1980: 14, figures 4, 5.

PARATYPES. P.25619-001, 2 specimens, 50–56 mm SL, Melita Bay, Red Sea.

*Amblyglyphidodon indicus* Allen and Randall, 2002b: 140, figures 1, 2, 3.

HOLOTYPE. P.26514-008, 93 mm SL, Villingili Island, Maldives.

PARATYPES. P.25523-008, 87 mm SL, Eilat, Israel; P.25527-001, 2 specimens, 70–86 mm SL, Eilat, Israel; P.26514-006, 4 specimens, 65–91 mm SL, Villingili Island, Maldives.

REMARKS. The type description includes an error: holotype P.26514-007 should read P.26514-008.

*Amblypomacentrus clarus* Allen and Adrim, 2000: 51, figure 1.

PARATYPES. P.31497-002, 3 specimens, 26–34 mm SL, Banggai Island, Indonesia.

*Amphiprion omanensis* Allen and Mee, in Allen, 1991a: 220, figure (p.47).

PARATYPES. P.30108-001, 64 mm SL, Barr Al Hikman, Oman; P.30109-001, 2 specimens, 86–93 mm SL, Barr Al Hikman, Oman; P.30110-001, 45 mm SL, Sudah, Oman.

*Amphiprion rubrocinctus* Richardson, 1842: 391.

NEOTYPE. P.4474-001, 69 mm SL, Broome, WA, Australia.

REMARKS. Allen (1972) designated a neotype for this species as Richardson's description was based on a drawing which has subsequently been lost.

*Amphiprion thiellei* Burgess, 1981: 69, figures.

PARATYPE. P.30191-001, 39 mm SL, Cebu, Philippines (missing, presumed lost).

REMARKS. No registration number was provided in the type description, so the number cited above was assigned in 1991. This paratype, although reported in the type description as being housed at WAM, could not be found and is presumed lost.

*Chromis abyssicola* Allen and Randall, 1985b: 242, figure 1.

PARATYPES. P.28421-001, 2 specimens, 111–114 mm SL, Norfolk Island Ridge, New Zealand.

*Chromis alleni* Randall, Ida and Moyer, 1981: 215, Plate 1 (figure a).

PARATYPES. P.25516-005, 5 specimens, 47–62 mm SL, Sesoko Island, Japan.

REMARKS. The type description includes an error: P.25516 should read P.25516-005.

*Chromis alpha* Randall, 1988a: 74, figure 1.

PARATYPES. P.24939-001, 5 specimens, 75–80 mm SL, Espiritu Santo Island, New Hebrides;

P.25283-001 mm SL, 82 mm SL, Suva Harbour, Fiji; P.27826-025, 3 specimens, 71–75 mm SL, Manus, PNG; P.28165-007, 75 mm SL, Bougainville, PNG.

REMARKS. The type description includes an error: paratypes P.27826-025 are listed twice.

*Chromis caudalis* Randall, 1988a: 76, figure 2.

PARATYPES. P.26080-003, 75 mm SL, Christmas Island, Indian Ocean; P.26099-012, 68 mm SL, Christmas Island, Indian Ocean.

*Chromis delta* Randall, 1988a: 78, figure 3.

PARATYPE. P.26099-026, 40 mm SL, Christmas Island, Indian Ocean.

*Chromis flavaxilla* Randall, 1994: 40, figures 1, 2, 3.

PARATYPES. P.25991-008, 2 specimens, 33–39 mm SL, Muscat, Oman; P.26461-004, 9 specimens, 34–43 mm SL, Gulf of Oman, United Arab Emirates.

*Chromis flavipectoralis* Randall, 1988b: 52, figures 3, 4.

PARATYPES. P.26506-007, 5 specimens, 42–51 mm SL, Similan Islands, Thailand; P.26514-002, 55 mm SL, Villingili Island, Maldives.

*Chromis megalopsis* Allen, 1976b: 136, figure 1.

HOLOTYPE. P.25207-001, 84 mm SL, Bernier Island, WA, Australia.

PARATYPE. P.22343-001, 102 mm SL, Cape Cuvier, WA, Australia.

REMARKS. The type description includes an error: paratype P.2234 should read P.22343-001.

*Chromis monochroma* Allen and Randall, 2004: 18, figure 1.

PARATYPE. P.32461-001, 51 mm SL, Flores, Indonesia.

*Chromis nigroanalis* Randall, 1988b: 49, figures 1, 2.

PARATYPES. P.26517-006, 3 specimens, 67–85 mm SL, Watamu, Kenya.

*Chromis pelloura* Randall and Allen, 1982: 16, figures 1, 2, 3.

PARATYPES. P.25523-004, 2 specimens, 82–89 mm SL, Eilat, Israel.

*Chromis pura* Allen and Randall, 2004: 21, figures 2, 3.

PARATYPE. P.32460-001, 76 mm SL, Alor Islands, Indonesia.

*Chromis trialpha* Allen and Randall, 1980: 33, figures 18, 19.

PARATYPES. P.25797-001, 2 specimens, 37–40 mm SL, Jeddah, Saudi Arabia.

*Chromis westaustralis* Allen, 1976b: 139, figure 2.

HOLOTYPE. P.25317-008, 84 mm SL, Houtman Abrolhos, WA, Australia.

PARATYPES. P.2789-001, 45 mm SL, Dirk Hartog Island, WA, Australia; P.24853-001, 27 mm SL, Albany, WA, Australia; P.25307-011, 71 mm SL, Houtman Abrolhos, WA, Australia; P.25308-006, 2 specimens, 51–60 mm SL, Houtman Abrolhos, WA, Australia; P.25317-009, 84 mm SL, Houtman Abrolhos, WA, Australia; P.25376-002, 50 mm SL, North West Cape, WA, Australia.

*Chromis woodsi* Bruner and Arnam, 1979: 50, figures 1, 2.

PARATYPE. P.26020-001, 69 mm SL, Mozambique Channel, Indian Ocean.

*Chromis xanthopterygia* Randall and McCarthy, 1988: 134, figures 1, 2, 3.

PARATYPES. P.25786-002, 6 specimens, 60–76 mm SL, Muscat, Oman; P.25991-006, 62 mm SL, Muscat, Oman; P.26460-008, 2 specimens, 51–63 mm SL, Gulf of Oman, United Arab Emirate; P.26461-005, 62 mm SL, Gulf of Oman, United Arab Emirate; P.28787-001, 80 mm SL, Jana Island, Saudi Arabia.

REMARKS. The type description includes two errors: P.25768-002 should read P.25786-002 and P.26461 should read P.26461-005.

*Chromis xouthus* Allen and Erdmann 2005: 90, figures 1, 2.

PARATYPES. P. 32757-001, 2 specimens, 89–92 mm SL, Pulau Weh, Indonesia.

*Chromis xutha* Randall, 1988b: 54, figures 5, 6.

PARATYPE. P.26517-001, 3 specimens, 40–47 mm SL, Watamu, Kenya.

*Chrysiptera albata* Allen and Bailey, 2002: 40, figures 1, 2.

HOLOTYPE. P.32109-001, 28 mm SL, Phoenix Islands, Pacific Ocean.

PARATYPES. P.32109-002, 2 specimens, 22–25 mm SL, Phoenix Islands, Pacific Ocean.

*Chrysiptera cymatilis* Allen, 1999b: 99, figure 1.

PARATYPE. P.31362-005, 31 mm SL, Naua Island, PNG.

*Chrysiptera kuiteri* Allen and Rajasuriya, 1995: 283, figure 1.

PARATYPE. P.30827-001, 36 mm SL, Kandakulyia, Sri Lanka.

*Chrysiptera pricei* Allen and Adrim, 1992: 103, figure 1.

PARATYPES. P.30391-001, 5 specimens, 23–31 mm SL, Yapen Island, West Papua, Indonesia.

*Chrysiptera sheila* Randall, 1994: 43, figures 5, 6, 7, 8.

PARATYPES. P.30797-001, 2 specimens, 25–63 mm SL, Arabian Sea, Oman.

REMARKS. The type description includes an error: P.30793-001 should read P.30797-001.

*Chrysiptera sinclairi* Allen, 1987e: 107, figure 1.

HOLOTYPE. P.27827-056, 43 mm SL, Manus Island, PNG.

PARATYPES. P.27825-042, 5 specimens, 15–31 mm SL; P.27827-010, 14 specimens, 15–49 mm SL; P.27828-002, 5 specimens, 18–32 mm SL, all from Manus Island, PNG.

*Dascyllus flavicaudus* Randall and Allen, 1977: 375, figure 11.

PARATYPES. P.25578-001, 2 specimens, 63–76 mm SL, Teavaraa Pass, Tahiti.

*Glyphidodontops springeri* Allen and Lubbock, 1976: 347, figure 1.

PARATYPES. P.25127-001, 3 specimens, 19–34 mm SL, Ceram Island, Indonesia.

SYNONYMY. This species is now known as *Chrysiptera springeri*.

*Neoglyphidodon crossi* Allen, 1991a: 221, figure (p.118).

PARATYPES. P.25230-007, 4 specimens, 12–76 mm SL, Ambon Island, Indonesia.

*Neopomacentrus aquadulcis* Jenkins and Allen, 2002: 379, figure 1.

HOLOTYPE. P.31636-001, 43 mm SL, Milne Bay, PNG.

PARATYPES. P.31636-002, 9 specimens, 34–46 mm SL, Milne Bay, PNG.

*Neopomacentrus miryae* Dor and Allen, 1977: 183, figure 1.

PARATYPE. P.25523-002, 45 mm SL, Eilat, Israel.

*Neopomacentrus sororius* Randall and Allen 2005: 77, figures 5, 6, 7.

PARATYPES. P.26504-005, 50 mm SL, Koh Hi, Thailand; P.26507-013, 38 mm SL, Koh Similan, Thailand; P.26509-003, 2 specimens, 56–58 mm SL, Colombo, Sri Lanka; P.26511-002, 57 mm SL, Trincomalee, Sri Lanka; P.26515-002, 47 mm SL, Shimoni, Kenya.

*Neopomacentrus xanthurus* Allen and Randall, 1980: 54, figures 36, 37.

PARATYPES. P.25618-001, 5 specimens, 24–41 mm SL, Harat Island, Ethiopia; P.25790-005, 2 specimens, 35–46 mm SL, Jeddah, Saudi Arabia; P.25794-003, 8 specimens, 39–47 mm SL, Jeddah, Saudi Arabia; P.25795-001, 4 specimens, 44–57 mm SL, Jeddah, Saudi Arabia.

*Parma bicolor* Allen and Larson, 1979: 12, figures 1, 3, 4.

HOLOTYPE. P.26045-001, 130 mm SL, Recherche Archipelago, WA, Australia.



- PARATYPES. P.25468-001, 126 mm SL, near Albany, WA, Australia; P.25762-005, 131 mm SL, Recherche Archipelago, WA, Australia; P.26045-002, 115 mm SL, Recherche Archipelago, WA, Australia; P.26046-001, 128 mm SL, Recherche Archipelago, WA, Australia.  
REMARKS. The type description includes an error: paratype P.26046-007 should read P.26046-001.
- Parma kermadecensis* Allen, 1987f: 267, figures 1, 2, 3.  
PARATYPES. P.28425-002, 2 specimens, 45–202 mm SL, Raoul Island, Kermadec Islands.
- Parma occidentalis* Allen and Hoese, 1975: 283, figures 2f, 15.  
HOLOTYPE. P.10883-001, 107 mm SL, Rottneest Island, WA, Australia.  
PARATYPES. P.10877-001, 93 mm SL, Rottneest Island, WA, Australia; P.10882-001, 110 mm SL, Rottneest Island, WA, Australia; P.10940-001, 96 mm SL, Houtman Abrolhos, WA, Australia; P.10988-001, 42 mm SL, Carnarvon, WA, Australia; P.13743-001, 97 mm SL, Houtman Abrolhos, WA, Australia; P.24817-001, 2 specimens, 74–95 mm SL, Rottneest Island, WA, Australia.
- Plectroglyphidodon randalli* Allen, 1991a: 221, figure (p.135).  
HOLOTYPE. P.26519-001, 68 mm SL, Flic en Flac, Mauritius.  
PARATYPES. P.26519-003, 4 specimens, 56–64 mm SL, Flic en Flac, Mauritius.
- Pomacentrus adelus* Allen, 1991a: 222, figure (p.136).  
HOLOTYPE. P.29042-009, 57 mm SL, Ashmore Reef, WA, Australia.  
PARATYPES. P.26505-002, 8 specimens, 54–64 mm SL, Phuket, Thailand; P.27658-029, 17 specimens, 20–50 mm SL, Rowley Shoals, WA, Australia; P.28194-016, 51 mm SL, Daru Island, PNG; P.29042-032, 15 specimens, 26–60 mm SL, Ashmore Reef, WA, Australia.
- Pomacentrus alleni* Burgess, 1981: 68, figure.  
PARATYPES. P.26506-009, 8 specimens, 40–45 mm SL, Similan Islands, Thailand.
- Pomacentrus aquilus* Allen and Randall, 1980: 68, figures 45, 46, 47.  
PARATYPES. P.25527-010, 3 specimens, 63–80 mm SL, Eilat, Israel.
- Pomacentrus arabicus* Allen, 1991a: 223, figure (p.139).  
HOLOTYPE. P.25786-003, 92 mm SL, Muscat, Oman.  
PARATYPES. P.25786-005, 5 specimens, 64–79 mm SL, Muscat, Oman; P.25989-005, 3 specimens, 73–98 mm SL, Mutrah, Oman.
- Pomacentrus arenarius* Allen, 1987g: 9, figure 1.  
HOLOTYPE. P.27465-001, 68 mm SL, Escape Reef, Qld., Australia  
PARATYPES. P.24940-001, 89 mm SL, Espiritu Santo Island, New Hebrides; P.25107-008, 2 specimens, 62–68 mm SL, Dampier Archipelago, WA, Australia; P.25371-004, 2 specimens, 60–75 mm SL, North West Cape, WA, Australia; P.27461-004, 44 mm SL, Escape Reef, Qld., Australia; P.28161-002, 54 mm SL, New Ireland, PNG.  
SYNONYMY. This name is a junior synonym of *Pomacentrus nagasakiensis* Tanaka, 1917.
- Pomacentrus armillatus* Allen, 1993b: 21, figures 1, 2.  
HOLOTYPE. P.30410-004, 54 mm SL, Bohaydulung Island, Indonesia.  
PARATYPES. P.30409-001, 7 specimens, 29–54 mm SL, Bodgaya Island, Indonesia.
- Pomacentrus atriaxillaris* Allen, 2002: 46, figures 1, 2.  
HOLOTYPE. P.32015-001, 64 mm SL, Mitsio Islands, Madagascar.  
PARATYPES. P.32024-001, 2 specimens, 25–36 mm SL, Andavakalovo Island, Madagascar.
- Pomacentrus aurifrons* Allen 2004c: 3, figures 1, 2.  
HOLOTYPE. P.32261-001, 62 mm SL, Toiyama Island, PNG.  
PARATYPES. P.27827-038, 2 specimens, 22–42 mm SL, Manus, PNG; P.29742-001, 2 specimens, 49–50 mm SL, Nagada Harbour, PNG; P.32261-002, 5 specimens, 45–54 mm SL, Toiyama Island, PNG.
- Pomacentrus auriventris* Allen, 1991a: 224, figure (p.140).  
HOLOTYPE. P.26126-006, 36 mm SL, Christmas Island, Indian Ocean.  
PARATYPES. P.28994-012, 2 specimens, 31–34 mm SL, Christmas Island, Indian Ocean.
- Pomacentrus azuremaculatus* Allen, 1991a: 225, figure (p.141).  
PARATYPES. P.26506-004, 3 specimens, 47–69 mm SL, Similan Islands, Thailand.
- Pomacentrus baenschii* Allen, 1991a: 226, figure (p.141).  
HOLOTYPE. P.26515-008, 66 mm SL, Shimoni, Kenya.
- Pomacentrus bintanensis* Allen, 1999b: 103, figures 5b, 6.  
PARATYPES. P.31384-001, 3 specimens, 62–79 mm SL, Bintan Island, Indonesia.  
REMARKS. The type description includes an error: P.30956-001 should read P.31384-001.
- Pomacentrus bipunctatus* Allen and Randall, 2004: 77, figures 1, 2, 3, 4.

PARATYPES. P.32354-001, 3 specimens, 51–55 mm SL, Truk Lagoon, Micronesia.

*Pomacentrus caeruleopunctatus* Allen, 2002: 49, figures 4, 5, 6.

HOLOTYPE. P.32015-002, 73 mm SL, Mitsio Islands, Madagascar.

PARATYPES. P.32015-003, 3 specimens, 62–66 mm SL, Mitsio Islands, Madagascar.

*Pomacentrus callainus* Randall, 2002: 169, figures 1, 2.

PARATYPE. P.31905-001, 58 mm SL, Suva Harbour, Fiji.

*Pomacentrus colini* Allen, 1991a: 227, figure (p.146).

HOLOTYPE. P.29356-002, 64 mm SL, Motupore Island, PNG.

PARATYPES. P.29356-001, 4 specimens, 45–58 mm SL, Motupore Island, PNG.

*Pomacentrus cuneatus* Allen, 1991a: 228, figure (p.146).

PARATYPES. P.25232-001, 5 specimens, 24–71 mm SL, Ambon Island, Indonesia; P.25244-001, 8 specimens, 33–65 mm SL, Ambon Island, Indonesia.

*Pomacentrus geminospilus* Allen, 1993b: 23, figures 3, 4.

HOLOTYPE. P.30409-006, 50 mm SL, Bodgaya Island, Indonesia.

PARATYPES. P.30409-002, 7 specimens, 43–59 mm SL, Bodgaya Island, Indonesia.

*Pomacentrus indicus* Allen, 1991a: 229, figure (p.148).

HOLOTYPE. P.26514-004, 74 mm SL, Villingili Island, Maldives.

PARATYPES. P.26514-007, 5 specimens, 37–65 mm SL, Villingili Island, Maldives; P.29361-001, 2 specimens, 67–75 mm SL, Chagos Archipelago, Indian Ocean.

*Pomacentrus javanicus* Allen, 1991a: 230, figure (p.148).

PARATYPES. P.25248-001, 2 specimens, 24–45 mm SL, Pulau Putri, Indonesia.

*Pomacentrus komodoensis* Allen, 1999b: 101, figures 3, 4.

PARATYPE. P.30956-001, 72 mm SL, Komodo Island, Indonesia.

*Pomacentrus leptus* Allen and Randall, 1980: 74, figures 48, 49.

PARATYPES. P.25786-001, 4 specimens, 39–55 mm SL, Muscat, Oman; P.26460-010, 34 mm SL, Khor Fakkan, United Arab Emirate; P.26461-010, 2 specimens, 32–38 mm SL, Khor Fakkan, United Arab Emirate.

REMARKS. The type description includes two errors: P.25998-010 should read P.26460-010 and P.25999-010 should read P.26461-010.

*Pomacentrus limosus* Allen, 1992b: 691, figure 1.

HOLOTYPE. P.30317-001, 46 mm SL, Churchill Reef, WA, Australia.

PARATYPE. P.30317-002, 29 mm SL, Churchill Reef, WA, Australia.

*Pomacentrus microspilus* Allen and Randall, 2005a: 96, figures 1, 2, 3.

HOLOTYPE. P.32755-001, 65 mm SL, Viti Levu, Fiji.

PARATYPES. P.32755-002, 2 specimens, 56–64 mm SL, Viti Levu, Fiji.

*Pomacentrus polyspinus* Allen, 1991a: 230, figure (p.155).

PARATYPES. P.26504-010, 4 specimens, 47–56 mm SL, Phuket, Thailand.

*Pomacentrus proteus* Allen, 1991a: 231, figure (p.156).

HOLOTYPE. P.26509-011, 71 mm SL, Colombo, Sri Lanka.

PARATYPES. P.26509-007, 4 specimens, 39–66 mm SL, Colombo, Sri Lanka.

*Pomacentrus rodriguesensis* Allen and Wright, 2003: 134, figures 1, 2, 3.

PARATYPES. P.32237-001, 2 specimens, 52–64 mm SL, Rodrigues Island, Indian Ocean.

*Pomacentrus saksonoi* Allen, 1995c: 88, figure 4.

PARATYPE. P.30810-002, 33 mm SL, Pulau Putri, Indonesia.

*Pomacentrus similis* Allen, 1991a: 232, figure (p.157).

HOLOTYPE. P.26511-001, 48 mm SL, Trincomalee, Sri Lanka.

PARATYPE. P.26504-003, 38 mm SL, Phuket, Thailand.

REMARKS. The type description includes an error: holotype P.16511-001 should read P.26511-001.

*Pomacentrus pilotoceps* Randall, 2002: 174, figures 4, 5.

PARATYPE. P.31906-001, 59 mm SL, Tongatapu, Tonga.

*Pomacentrus xanthosternus* Allen, 1991a: 233, figure (p.163).

PARATYPE. P.25248-002, 2 specimens, 64–71 mm SL, Pulau Putri, Indonesia.

*Pomacentrus yoshii* Allen and Randall, 2004: 83, figures 7, 8.

PARATYPES. P.32463-001, 2 specimens, 50–69 mm SL, Majuro Atoll, Marshall Islands.

*Stegastes baldwini* Allen and Woods, 1980: 183, figure 7.

PARATYPES. P.25547-001, 10 specimens, 48–85 mm SL, Clipperton Island, Pacific Ocean.

*Stegastes insularis* Allen and Emery, 1985: 19, Plate 2 (figures f, g)

HOLOTYPE. P.26083-044, 83 mm SL, Christmas Island, Indian Ocean.

PARATYPES. P.10868-001, 65 mm SL; P.10873-001, 55 mm SL; P.26083-002, 6 specimens, 31–75 mm SL; P.26088-005, 4 specimens, 32–44 mm SL; P.26093-006, 71 mm SL; P.26110-010, 4 specimens, 22–39 mm SL; P.26120-006, 59 mm SL, all from Christmas Island, Indian Ocean.

*Stegastes lubbocki* Allen and Smith, 1992: 114, figure 1.

HOLOTYPE. P.30283-001, 49 mm SL, Ascension Island, Atlantic Ocean.

PARATYPES. P.30279-001, 7 specimens, 15–25 mm SL; P.30280-001, 27 mm SL; P.30281-001, 19 mm SL; P.30282-001, 2 specimens, 15–16 mm SL; P.30284-001, 16 specimens, 22–51 mm SL, all from Ascension Island, Atlantic Ocean.

*Stegastes pelicierei* Allen and Emery, 1985: 27, Plate 3 (figures g, h)

HOLOTYPE. P.26522-002, 88 mm SL, Flic en Flac, Mauritius.

PARATYPE. P.26520-002, 3 specimens, 44–65 mm SL, Flic en Flac, Mauritius; P.26522-001, 2 specimens, 45–81 mm SL, Flic en Flac, Mauritius.

#### Aplodactylidae

*Aplodactylus westralis* Russell, 1987: 85, figure 1.

PARATYPES. P.4728-001, 235 mm SL, Wilson's Inlet, WA, Australia; P.5877-001, 530 mm SL, Busselton, WA, Australia; P.21799-001, 300 mm SL, Cheynes Beach, WA, Australia; P.25930-001, 335 mm SL, Fremantle, WA, Australia; P.25931-001, 347 mm SL, Geographe Bay, WA, Australia.

#### Cheilodactylidae

*Cheilodactylus pixi* Smith, 1980: 2, Plate 1 (a, b).

PARATYPE. P.26839-001, 125 mm SL, Algoa Bay, South Africa.

*Cheilodactylus rubrolabiatus* Allen and Heemstra, 1976: 313, figures 1, 2.

HOLOTYPE. P.25225-001, 182 mm SL, Woodman's Point, WA, Australia.

PARATYPES. P.4879-001, 233 mm SL, Rottnest Island, WA, Australia; P.5562-001, 201 mm SL, Rottnest Island, WA, Australia; P.5925-001, 127 mm SL, Trigg Island, WA, Australia; P.10529-001, 41 mm SL, Maud Landing, WA, Australia; P.22244-001, 64 mm SL, Rottnest Island, WA, Australia; P.22580-001, 112 mm SL, Rockingham, WA, Australia; P.25255-003, 2 specimens, 93–95

mm SL, Cape Naturaliste, WA, Australia; P.25473-001, 35 mm SL, Albany, WA, Australia.

#### Mugilidae

*Aldrichetta forsteri nonpilcharda* Whitley, 1951: 66.

HOLOTYPE. P.2690-001, 45 mm SL, Bunbury, WA, Australia.

REMARKS. Whitley's brief description of this subspecies includes reference to a more detailed description and figure (Whitley, 1945). The latter was based on a single specimen, which was designated by Whitley (1951), as the holotype.

SYNONYMY. This name is a junior synonym of *Aldrichetta forsteri* (Valenciennes, 1836).

*Moolgarda (Planiliza) ordensis* Whitley, 1945: 17, figure 9.

HOLOTYPE. P.2758-001, 390 mm SL, Ord River, WA, Australia.

SYNONYMY. This name is a junior synonym of *Liza alata* (Steindachner, 1892).

#### Polynemidae

*Polydactylus auratus* McKay, 1970: 9.

HOLOTYPE. P.16792-001, 115 mm SL, Napier Broome Bay, WA, Australia.

PARATYPES. P.16793-001, 109 mm SL, Napier Broome Bay, WA, Australia; P.16794-001, 131 mm SL, Admiralty Gulf, WA, Australia; P.16795-001, 100 mm SL, Admiralty Gulf, WA, Australia. SYNONYMY. This name is a junior synonym of *Polydactylus multiradiatus* (Günther, 1860).

#### Labridae

*Choerodon cauteroma* Gomon and Allen, 1987: 25.

HOLOTYPE. P.25508-042, 203 mm SL, Exmouth Gulf, WA, Australia.

PARATYPES. P.24259-001, 195 mm SL, Kendrew Island, WA, Australia; P.25095-038, 6 specimens, 98–144 mm SL, Exmouth Gulf, WA, Australia; P.25372-001, 3 specimens, 90–104 mm SL, Exmouth Gulf, WA, Australia.

*Choerodon gomoni* Allen and Randall, 2002c: 110, figures 1, 2.

PARATYPE. P.31498-003, 88 mm SL, Banggai Islands, Indonesia.

*Choerodon sugillatum* Gomon, 1987: 19.

PARATYPES. P.25354-023, 6 specimens, 133–149 mm SL, Monte Bello Islands, WA, Australia.

*Choerophilus brownfieldi* Whitley, 1945: 28, figure 13.

HOLOTYPE. P.110-001, 125 mm SL, Garden Island, WA, Australia.

SYNONYMY. This species is now known as *Halichoeres brownfieldi*.

- Cirrhilabrus cenderawasih* Allen and Erdmann, 2006a: 90, figures 1, 2, 3.  
PARATYPE. P.32772-001, 2 specimens, 47–62 mm SL, Cenderawasih Bay, West Papua, Indonesia.
- Cirrhilabrus condei* Allen and Randall, 1996: 102, figures 1, 2.  
PARATYPE. P.28179-002, 52 mm SL, Rabaul, PNG.
- Cirrhilabrus joanallena* Allen, 2000: 47, figures 1, 2.  
PARATYPES. P.31523-001, 2 specimens, 41–44 mm SL, Pulau Weh, Indonesia.
- Cirrhilabrus laboutei* Randall and Lubbock, 1982: 2, Plate 1 (figures a, b).  
PARATYPE. P.24952-001, 65 mm SL, Loyalty Islands, New Caledonia.
- Cirrhilabrus lineatus* Randall and Lubbock, 1982: 6, Plate 1 (figure c).  
PARATYPE. P.27047-001, 22 mm SL, Grand Récif Ouest, New Caledonia.
- Cirrhilabrus lubbocki* Randall and Carpenter, 1980: 18, figures 2, 3, 4, 5, 6.  
PARATYPES. P.25517-001, 55 mm SL, Mactan Island, Philippines; P.25517-002, 45 mm SL, Mactan Island, Philippines.
- Cirrhilabrus marjorie* Allen, Randall and Carlson, 2003: 114, figures 1, 2, 3.  
HOLOTYPE. P.32330-003, 58 mm SL, Wakaya Island, Fiji.
- Cirrhilabrus morrisoni* Allen, 1999c: 120, figures 1, 2, 3, 4.  
HOLOTYPE. P.31471-001, 47 mm SL, Hibernia Reef, WA, Australia.  
PARATYPES. P.31471-002, 3 specimens, 42–43 mm SL, Hibernia Reef, WA, Australia.
- Cirrhilabrus punctatus* Randall and Kuitert, 1989: 44, figures 1, 2, 3, 4, 5, 6, 7.  
PARATYPE. P.27073-024, 73 mm SL, Byron Bay, NSW, Australia.
- Cirrhilabrus pylei* Allen and Randall, 1996: 105, figures 3, 4.  
PARATYPE. P.31165-001, 47 mm SL, Normanby Island, PNG.
- Cirrhilabrus randalli* Allen, 1995d: 14, figures 1, 2.  
HOLOTYPE. P.27666-047, 85 mm SL, Rowley Shoals, WA, Australia.  
PARATYPES. P.27666-051, 72 mm SL, Rowley Shoals, WA, Australia; P.28023-005, 2 specimens, 63–74 mm SL, Rowley Shoals, WA, Australia; P.28027-015, 2 specimens, 52–58 mm SL, Rowley Shoals, WA, Australia; P.29044-021, 6 specimens, 36–68 mm SL, Ashmore Reef, WA, Australia.
- Cirrhilabrus rubrimarginatus* Randall, 1992: 114, Plate 2a, b, c.  
PARATYPES. P.24800-001, 2 specimens, 81–84 mm SL, Espiritu Santo Island, New Hebrides.
- Cirrhilabrus tonozukai* Allen and Kuitert, 1999: 137, figures 6, 7, 8.  
PARATYPE. P.31499-001, 58 mm SL, Kenau Island, Indonesia.
- Cirrhilabrus walindi* Allen and Randall, 1996: 108, figures 5, 6, 7.  
HOLOTYPE. P.30890-001, 54 mm SL, Kimbe Bay, PNG.  
PARATYPE. P.30890-002, 46 mm SL, Kimbe Bay, PNG.
- Conniella apterygia* Allen, 1983c: 44, figures 1, 2.  
HOLOTYPE. P.27659-006, 55 mm SL, Rowley Shoals, WA, Australia.  
PARATYPES. P.27668-003, 59 mm SL, Rowley Shoals, WA, Australia; P.27668-015, 31 mm SL (c/s), Rowley Shoals, WA, Australia.
- Coris pictoides* Randall and Kuitert, 1982: 160, Plate 1 a; figure 1.  
PARATYPES. P.25109-003, 64 mm SL, Dampier Archipelago, WA, Australia; P.25110-003, 65 mm SL, Dampier Archipelago, WA, Australia.
- Dotalabrus alleni* Russell, 1988: 10, figure 2; Plate 1 (c–d).  
HOLOTYPE. P.25252-006, 74 mm SL, Carnac Island, WA, Australia.  
PARATYPE. P.25195-004, 2 specimens, 64–72 mm SL, Cape Naturaliste, WA, Australia; P.25251-018, 6 specimens, 38–80 mm SL, Rottneest Island, WA, Australia.
- Halichoeres chrysus* Randall, 1981a: 416, figures 1, 2.  
PARATYPES. P.26082-004, 3 specimens, 29–53 mm SL, Christmas Island, Indian Ocean; P.26087-009, 4 specimens, 28–60 mm SL, Christmas Island, Indian Ocean; P.26099-019, 50 mm SL, Christmas Island, Indian Ocean; P.26125-007, 42 mm SL, Christmas Island, Indian Ocean; P.26851-001, 47 mm SL, Cebu, Philippines.  
REMARKS. The type description includes an error: P.26850-001 should read P.26851-001.
- Halichoeres insularis* Allen and Robertson, 1992b: 51, figures 5, 6.  
PARATYPES. P.30390-002, 5 specimens, 46–60 mm SL, Socorro Island, Mexico.  
REMARKS. The type description includes an error: P.30389-002 should read P.30390-002.
- Halichoeres malpelo* Allen and Robertson, 1992b: 47, figures 1, 2.  
PARATYPES. P.30389-002, 2 specimens, 107–113 mm SL, Malpelo Island, Colombia.

*Halichoeres melasmapomus* Randall, 1981a: 421, figures 3, 4.

PARATYPE. P.25233-006, 80 mm SL, Ambon Island, Indonesia.

*Labropsis alleni* Randall, 1981b: 131, Plate 1 (figure a).

PARATYPE. P.26906-001, 49 mm SL, Kranket Island, PNG.

*Labropsis xanthonota* Randall, 1981b: 138, Plate 2 (figures a, b, c).

PARATYPE. P.26085-003, 100 mm SL, Christmas Island, Indian Ocean.

*Macropharyngodon ornatus* Randall, 1978: 753, figures 3 g, h.

PARATYPES. P.24362-001, 108 mm SL, Kendrew Island, WA, Australia; P.25371-011, 71 mm SL, North West Cape, WA, Australia.

*Paracheilinus cyaneus* Kuitert and Allen, 1999: 121, figures 1, 2, 3.

PARATYPE. P.31498-001, 49 mm SL, Banggai Island, Indonesia.

*Paracheilinus flavianalis* Kuitert and Allen, 1999: 123, figures 4, 5, 6, 7, 18.

HOLOTYPE. P.30836-007, 43 mm SL, Scott Reef, WA, Australia.

PARATYPES. P.31194-001, 14 specimens, 20–35 mm SL, Seringapatam Reef, WA, Australia.

*Paracheilinus waltoni* Allen and Erdmann, 2006b: 14, figures 1, 2, 3.

PARATYPE. P.32771-001, 2 specimens, 41–28 mm SL, West Yapen Island, West Papua, Indonesia.

*Pictilabrus brauni* Hutchins and Morrison, 1996: 39, figures 1, 4, 7.

HOLOTYPE. P.30941-001, 74 mm SL, Cheynes Beach, WA, Australia.

PARATYPES. P.30940-001, 58 mm SL; P.30941-002, 70 mm SL; P.30942-001 (c/s), 61 mm SL, all from Cheynes Beach, WA, Australia.

*Pictilabrus viridis* Russell, 1988: 38, figure 8; Plate 4 (e, f).

PARATYPES. P.24859-001, 2 specimens, 96–121 mm SL, Albany, WA, Australia; P.25178-004, 2 specimens, 75–80 mm SL, Rottnest Island, WA, Australia.

*Pseudocheilinus ocellatus* Randall, 1999: 21, figure 3; Plates 1 (h), 2 (a).

PARATYPE. P.29638-021, 47 mm SL, Lihou Reef, Qld., Australia

*Pseudojuloides elongatus* Ayling and Russell, 1977: 174, figures 8, 9, 10.

PARATYPES. P.25110-001, 3 specimens, 88–97 mm SL, Dampier Archipelago, WA, Australia;

P.25318-007, 107 mm SL, Houtman Abrolhos, WA, Australia; P.25318-008, 112 mm SL, Houtman Abrolhos, WA, Australia.

*Suezichthys cyanolaemus* Russell, 1985: 13, Plate 2 (figures c, d); figure 7a.

PARATYPES. P.25311-002, 5 specimens, 39–67 mm SL, Houtman Abrolhos, WA, Australia; P.25316-003, 43 mm SL, Houtman Abrolhos, WA, Australia.

*Thalassoma robertsoni* Allen, 1995: 75, figures 1, 2.

HOLOTYPE. P.30993-001, 72 mm SL, Clipperton Island, Pacific Ocean.

PARATYPES. P.30993-002, 15 specimens, 12–74 mm SL, Clipperton Island, Pacific Ocean.

*Xyrichtys perlas* Wellington, Allen and Robertson, 1994: 49, figures 1, 2, 3.

PARATYPE. P.30178-001, 2 specimens, 36–42 mm SL, Perlas Islands, Panama.

*Xyrichtys victori* Wellington, 1992: 1054, figures 1, 2.

PARATYPES. P.30177-001, 3 specimens, 31–139 mm SL, Marchena Island, Galapagos Islands.

*Xyrichtys wellingtoni* Allen and Robertson, 1995b: 80, figure 1.

HOLOTYPE. P.30994-001, 72 mm SL, Clipperton Island, Pacific Ocean.

#### Odacidae

*Odax cyanoallix* Ayling and Paxton, 1983: 96, figures 1, 3.

PARATYPES. P.26648-001, 3 specimens, 91–259 mm SL, Three Kings Island, New Zealand.

*Parodax caninus* Scott, 1976: 367, figure 6.

HOLOTYPE. P.25346-002, 74 mm SL, Carnac Island, WA, Australia.

PARATYPES. P.25251-019, 72 mm SL, Rottnest Island, WA, Australia; P.25252-009, 59 mm SL, Carnac Island, WA, Australia; P.25343-010, 48 mm SL, Fremantle, WA, Australia; P.25498-001, 80 mm SL, Rottnest Island, WA, Australia.

SYNONYMY. This species is now known as *Siphonognathus caninus*.

*Siphonognathus tanyourus* Gomon and Paxton, 1986: 51, Plate 6 d, e; figure 21.

PARATYPES. P.28296-028, 7 specimens, 45–72 mm SL, Recherche Archipelago, WA, Australia; P.28300-018, 83 mm SL, Lucky Bay, WA, Australia.

#### Scaridae

*Scarus chameleon* Choat and Randall, 1986: 199, Plates 3 (figures c, d), 9 (figures d, e, f, g, h)

PARATYPE. P.28275-001, 168 mm SL, Lizard Island, Qld., Australia

### Opistognathidae

*Opistognathus alleni* Smith-Vaniz, 2004: 210, figure 1.

HOLOTYPE. P.27590-030, 74 mm SL, Houtman Abrolhos, WA, Australia.

PARATYPES. P.27590-002, 11 specimens, 47–72 mm SL; P.27595-003, 9 specimens, 45–51 mm SL; P.27587-003, 54 mm SL, all from Houtman Abrolhos, WA, Australia.

*Opistognathus galapagensis* Allen and Robertson, 1991a: 47, figures 1, 2.

PARATYPE. P.30227-001, 132 mm SL, Isla Isabella, Galapagos Islands.

*Opistognathus reticeps* Smith-Vaniz, 2004: 220, figure 11.

PARATYPES. P.24227-001, 113 mm SL, Napier Broome Bay, WA, Australia.

*Opistognathus rosenblatti* Allen and Robertson, 1991a: 50, figures 7, 8, 9, 10.

PARATYPES. P.30228-001, 3 specimens, 41–72 mm SL, Isla San Pedro Martir, Mexico.

*Opistognathus stigmosus* Smith-Vaniz, 2004: 215, figure 7.

PARATYPES. P.27467-004, 58 mm SL, Escape Reef, Qld., Australia; P.29641-001, 63 mm SL, Lihou Reef, Qld., Australia

*Opistognathus verecundus* Smith-Vaniz, 2004: 218, figure 9.

PARATYPES. P.30593-001, 4 specimens, 34–37 mm SL, Coburg Peninsula, NT, Australia.

*Tandya reticulata* McKay, 1969: 1, figure 1.

HOLOTYPE. P.15758-001, 385 mm SL, Broome, WA, Australia.

SYNONYMY. This species is now known as *Opistognathus reticulatus*.

### Pinguipedidae

*Parapercis biordinis* Allen, 1976a: 28, figure 3.

HOLOTYPE. P.25206-001, 70 mm SL, Point Cloates, WA, Australia.

*Parapercis multiplicata* Randall, 1984: 48, figures 4, 5.

PARATYPE. P.25375-001, 55 mm SL, North West Cape, WA, Australia.

*Parapercis (Neopercis) naevosa* Serventy, 1937: 72, Plate 2.

HOLOTYPE. P.1158-001, 116 mm SL, Great Australian Bight, WA, Australia.

SYNONYMY. This name is a junior synonym of *Parapercis allporti* (Günther, 1876).

### Percophidae

*Bembrops aethalea* McKay, 1971: 42, figure 2.

HOLOTYPE. P.19144-001, 177 mm SL, north-western Australia, Indian Ocean.

PARATYPES. P.19142-001, 179 mm SL; P.19143-001, 180 mm SL; P.19145-001, 183 mm SL; P.19146-001, 138 mm SL; P.19147-001, 144 mm SL; P.19148-001, 179 mm SL; P.19149-001, 175 mm SL; P.19150-001, 170 mm SL; P.19151-001, 121 mm SL, all from north-western Australia, Indian Ocean.

*Bembrops indica* McKay, 1971: 43, figure 3.

HOLOTYPE. P.19138-001, 161 mm SL, north-western Australia, Indian Ocean.

PARATYPES. P.19137-001, 158 mm SL; P.19139-001, 80 mm SL; P.19140-001, 192 mm SL; P.19141-001, 119 mm SL; P.19162-001, 99 mm SL; P.19163-001, 99 mm SL, all from north-western Australia, Indian Ocean.

SYNONYMY. This name is a junior synonym of *Bembrops filiferus* Gilbert, 1905.

*Branchiopsaron ozawai* McKay, 1971: 41, figure 1.

HOLOTYPE. P.19153-001, 106 mm SL, north-western Australia, Indian Ocean.

PARATYPES. P.19152-001, 108 mm SL; P.19154-001, 86 mm SL; P.19155-001, 93 mm SL; P.19156-001, 70 mm SL; P.19157-001, 65 mm SL; P.19158-001, 57 mm SL, all from north-western Australia, Indian Ocean.

SYNONYMY. This species is now known as *Acanthaphritis ozawai*.

*Chironema chlorotaenia* McKay, 1971: 44, figure 4.

HOLOTYPE. P.19136-001, 194 mm SL, north-western Australia, Indian Ocean.

PARATYPES. P.19129-001, 187 mm SL; P.19130-001, 187 mm SL; P.19131-001, 175 mm SL; P.19132-001, 193 mm SL; P.19133-001, 169 mm SL; P.19134-001, 156 mm SL; P.19135-001, 131 mm SL, all from north-western Australia, Indian Ocean.

### Creediidae

*Creedia alleni* Nelson, 1983: 29, figure 1.

HOLOTYPE. P.25808-005, 40 mm SL, Fremantle, WA, Australia.

PARATYPE. P.25346-028, 36 mm SL, Carnac Island, WA, Australia; P.25347-001, 36 mm SL, Carnac Island, WA, Australia.

*Limnichthys fasciatus major* Whitley, 1945: 31.

HOLOTYPE. P.121-001, 50 mm SL, Garden Island, WA, Australia.

SYNONYMY. This name is a junior synonym of *Limnichthys fasciatus* Waite, 1904.

### Uranoscopidae

*Gnathagnus cribratus* Kishimoto, 1989: 305, figure 1.

HOLOTYPE. P.28071-009, 197 mm SL, Rowley Shoals, WA, Australia.

PARATYPES. P.28071-026, 2 specimens, 124–131 mm SL, Rowley Shoals, WA, Australia; P.28086-007, 120 mm SL, Rowley Shoals, WA, Australia.

SYNONYMY. This species is now known as *Xenocephalus cribratus*.

*Gnathagnus elongatus australiensis* Kishimoto, 1989: 310, figure 2.

PARATYPES. P.19119-001, 213 mm SL; P.28072-006, 2 specimens, 153–156 mm SL; P.28086-001, 2 specimens, 140–195 mm SL, all from vicinity of Rowley Shoals, WA, Australia

SYNONYMY. This name is a junior synonym of *Xenocephalus australiensis* (Kishimoto, 1989).

*Ichthyoscopus barbatus* Mees, 1960: 49, figures 3, 4.

HOLOTYPE. P.4338-001, 34 mm SL, Rottneest Island, WA, Australia.

PARATYPES. P.672-001, 200 mm SL, Woodman's Point, WA, Australia; P.1296-001, 147 mm SL, Busselton, WA, Australia; P.3488-001, 32 mm SL, Dunsborough, WA, Australia; P.4424-001, 300 mm SL, Eagle Bay, WA, Australia; P.4431-001, 2 specimens, 105–124 mm SL, Rottneest Island, WA, Australia.

*Ichthyoscopus insperatus* Mees, 1960: 54, figures 8, 9.

HOLOTYPE. P.3638-001, 170 mm SL, Roebuck Bay, WA, Australia.

*Ichthyoscopus spinosus* Mees, 1960: 48, figures 1, 2.

HOLOTYPE. P.3639-001, 258 mm SL, near Broome, WA, Australia.

### Champsodontidae

*Champsodon pantolepis* Nemeth, 1994: 361, figure 11.

HOLOTYPE. P.28098-003, 128 mm SL, north of Dampier, WA, Australia.

REMARKS. The type description includes an error: P.28098003 should read P.28098-003.

*Champsodon sagittus* Nemeth, 1994: 363, figure 12.

HOLOTYPE. P.25400-019, 65 mm SL, Browse Island, WA, Australia.

PARATYPES. P.25395-017, 52 mm SL, Rowley Shoals, WA, Australia; P.25400-020, 5 specimens (1 c/s), 52–65 mm SL, Browse Island, WA, Australia; P.28057-012, 54 mm SL, Rowley Shoals, WA, Australia; P.28075-003, 54 mm SL, Rowley Shoals, WA, Australia; P.28076-007, 60

mm SL, Rowley Shoals, WA, Australia; P.29304-005, 11 specimens, 55–77 mm SL, Joseph Bonaparte Gulf, WA, Australia.

REMARKS. The type description includes an error: paratypes P.25395-0017 should read P.25395-017.

### Bovichthyidae

*Halaphritis platycephala* Last, Balushkin and Hutchins, 2002: 435, figure 1.

PARATYPES. P.27545-010, 2 specimens, 74–99 mm SL, Port Esperance, Tas., Australia; P.27549-017, 162 mm SL, Port Arthur, Tas., Australia

### Blenniidae

*Cirripectes alleni* Williams, 1993: 61, figures 1, 2, 3.

HOLOTYPE. P.30309-018, 51 mm SL, Cassini Island, WA, Australia.

PARATYPES. P.29081-014, 32 specimens, 22–54 mm SL, Adele Island, WA, Australia; P.30307-009, 10 specimens, 30–64 mm SL, Long Reef, WA, Australia; P.30309-014, 6 specimens, 24–55 mm SL, Cassini Island, WA, Australia; P.30311-032, 5 specimens, 39–49 mm SL, Monge Island, WA, Australia.

*Cirripectes chelomatus* Williams and Mauge, 1984: 1140, figure 2.

PARATYPES. P.27754-001, 2 specimens, 58–70 mm SL, One Tree Island, Qld., Australia

*Cirripectes gilberti* Williams, 1988: 41, Plate 3 (figures d, e); figures 14, 15.

PARATYPES. P.29331-012, 2 specimens, 32–62 mm SL, Christmas Island, Indian Ocean.

*Cirripectes hutchinsi* Williams, 1988: 44, Plate 3 (figures f, g, h).

HOLOTYPE. P.25744-003, 89 mm SL, Rottneest Island, WA, Australia.

PARATYPES. P.4647-001, 73 mm SL, Point Quobba, WA, Australia; P.4652-001, 98 mm SL, Houtman Abrolhos, WA, Australia; P.25317-002, 2 specimens, 90–106 mm SL, Houtman Abrolhos, WA, Australia; P.25374-042, 69 mm SL, North West Cape, WA, Australia; P.25744-005, 53 mm SL, Rottneest Island, WA, Australia; P.25758-010, 73 mm SL, Rottneest Island, WA, Australia; P.26072-003, 2 specimens, 32–52 mm SL, Houtman Abrolhos, WA, Australia; P.26626-001, 76 mm SL, North West Cape, WA, Australia; P.26657-009, 3 specimens, 34–70 mm SL, Shark Bay, WA, Australia.

*Dasson duperreyi* Whitley, 1945: 31.

HOLOTYPE. P.2152-001, 89 mm SL, Shark Bay, WA, Australia.

PARATYPE. P.2153-001, 50 mm SL, Shark Bay, WA, Australia.

REMARKS. Although the type description refers to 'several specimens in the W.A. Museum', under the heading of paratypes, Whitley only provided a registration number and counts for the single specimen cited above. The location of any other specimens examined is unknown.

SYNONYMY. This name is a junior synonym of *Petroscirtes breviceps* (Valenciennes, 1836).

*Ecsenius alleni* Springer, 1988: 81, Plate 12 (figure 2); figure 42.

HOLOTYPE. P.27666-017, 28 mm SL, Rowley Shoals, WA, Australia.

PARATYPES. P.27656-021, 32 mm SL; P.27658-013, 27 mm SL; P.27659-009, 4 specimens, 24–32 mm SL; P.27662-026, 2 specimens, 30–33 mm SL; P.27663-010, 26 mm SL; P.27665-001, 4 specimens, 28–32 mm SL; P.27668-014, 26 mm SL; P.28022-048, 19 specimens, 22–34 mm SL, all from Rowley Shoals, WA, Australia.

REMARKS. The type description includes an error: paratypes P.27660-009 should read P.27659-009.

*Ecsenius axelrodi* Springer, 1988: 84, Plate 10 (figures 1, 2, 3); figure 44.

PARATYPES. P.28182-004, 2 specimens, 20–34 mm SL, Rabaul, PNG.

*Ecsenius caeruliventris* Springer and Allen, 2004: 3, figures 1a, b, c, 2a.

PARATYPES. P.31492-001, 4 specimens, 16–23 mm SL, Batudaka Island, Indonesia.

*Ecsenius oculatus* Springer, 1988: 60, Plate 7 (figure 1); figure 32c.

HOLOTYPE. P.25368-023, 44 mm SL, North West Cape, WA, Australia.

PARATYPES. P.25368-037, 3 specimens, 32–37 mm SL, North West Cape, WA, Australia; P.25374-018, 9 specimens, 26–33 mm SL, North West Cape, WA, Australia; P.25813-050, 26 mm SL, South Muiron Island, WA, Australia; P.26102-005, 26 mm SL, Christmas Island, Indian Ocean; P.26110-004, 24 specimens, 18–36 mm SL, Christmas Island, Indian Ocean; P.26670-006, 3 specimens, 39–47 mm SL, Dirk Hartog Island, WA, Australia; P.27961-014, 53 mm SL, Point Quobba, WA, Australia; P.27970-041, 39 mm SL, Point Quobba, WA, Australia.

REMARKS. The type description lists the same registration number for both the holotype and one lot of paratypes. We have amended the registration number of the paratypes to P.25368-037.

*Ecsenius shirleyae* Springer and Allen, 2004: 8, figures 1d, 2b.

PARATYPES. P.32602-001, 2 specimens, 22–29 mm SL, Pulau Pari, Indonesia.

*Ecsenius taeniatus* Springer, 1988: 112, figure 60.

PARATYPE. P.24913-001, 32 mm SL, Goodenough Island, PNG.

*Graviceps alexanderi* Whitley, 1945: 33.

HOLOTYPE. P.671-001, 32 mm SL, Fremantle, WA, Australia.

PARATYPES. P.398-001, 47 mm SL, Houtman Abrolhos, WA, Australia; P.671-002, 34 mm SL, Fremantle, WA, Australia.

REMARKS. The type description provides the details of three specimens from the Houtman Abrolhos, P.395-001, which are referred to as 'perhaps the male of the species'. These specimens, along with five others (P.396-001), were treated by Whitley as comparative material only and are therefore not part of the type series (e.g. he compares the fin colours of P.395-001 with those of 'the paratypes').

SYNONYMY. This name is a junior synonym of *Omobranchus germaini* (Sauvage, 1883).

*Meiakanthus (Meiakanthus) limbatus* Smith-Vaniz, 1987: 19, figure 7c.

HOLOTYPE. P.27826-018, 37 mm SL, Manus, PNG.

*Meiakanthus (Meiakanthus) naevius* Smith-Vaniz, 1987: 20, figure 7d.

HOLOTYPE. P.28030-017, 36 mm SL, Rowley Shoals, WA, Australia.

*Meiakanthus (Allomeiakanthus) urostigma* Smith-Vaniz, Satapoomin and Allen, 2001: 29, figures 6, 7, 8.

PARATYPES. P.31527-001, 2 specimens, 31–37 mm SL, Pulau Weh, Indonesia.

*Parablennius tasmaniensis postoculomaculatus* Bath and Hutchins, 1986: 187, figures 24–29.

PARATYPES. P.25850-008, 10 specimens, 16–45 mm SL, Houtman Abrolhos, WA, Australia.

SYNONYMY. This species is now known as *Parablennius postoculomaculatus*.

*Salarias ramosus* Bath, 1992: 230, figures 7, 8, 9, 10.

HOLOTYPE. P.27599-009, 53 mm SL, North West Cape, WA, Australia.

PARATYPES. P.30057-002, 3 specimens, 56–61 mm SL, Barrow Island, WA, Australia.

### Tripterygiidae

*Axoclinus nigricaudus* Allen and Robertson, 1991b: 79, figure 1.

PARATYPE. P.30233-001, 31 mm SL, Baja California, Mexico.

*Axoclinus rubinoffi* Allen and Robertson, 1992b: 53, figure 1.

PARATYPE. P.30389-001, 22 mm SL, Malpelo Island, Colombia.



[*Brachynectes fasciatus* Scott, 1957: 181, figure 1.

REMARKS. Two specimens, P.4846 were recorded as paratypes in the WAM *Fish Catalogue*, however Scott (1957) clearly states that only one specimen, the holotype, was used for the type description. These other specimens were part of the additional material examined and therefore have no type status. They are mentioned here to avoid potential confusion caused by the original entries in the WAM *Fish Catalogue*.

*Ceratobregma helenae* Holleman, 1987: 175, figure 2.

HOLOTYPE. P.26098-012, 29 mm SL, Christmas Island, Indian Ocean.

PARATYPES. P.26080-017, 2 specimens, 26–28 mm SL; P.26090-011, 29 mm SL; P.26092-021, 5 specimens, 20–28 mm SL; P.26098-007, 3 specimens, 27–29 mm SL; P.26110-015, 2 specimens, 24–29 mm SL; P.26113-018, 26 mm SL; P.26122-011, 27 mm SL, all from Christmas Island, Indian Ocean.

*Crocodilichthys gracilis* Allen and Robertson, 1991b: 79, figure 2.

PARATYPE. P.30231-001, 46 mm SL, Baja California, Mexico.

*Enneanectes reticulatus* Allen and Robertson, 1991b: 80, figure 3.

PARATYPE. P.30232-001, 35 mm SL, Baja California, Mexico.

*Enneapterygius bichrous* Fricke, 1994: 195, figure 30.

PARATYPES. P.27663-025, 20 mm SL, Rowley Shoals, WA, Australia; P.28025-039, 13 specimens, 19–23 mm SL, Rowley Shoals, WA, Australia; P.28031-029, 22 mm SL, Rowley Shoals, WA, Australia; P.29048-008, 3 specimens, 14–18 mm SL, Ashmore Reef, WA, Australia; P.29054-012, 19 mm SL, Ashmore Reef, WA, Australia; P.29624-077, 4 specimens, 15–18 mm SL, Madang, PNG.

REMARKS. The type description includes three errors: paratype P.27663-025 is listed twice, but with different measurements (15 and 20 mm SL). The WAM specimen is 20 mm SL. Paratype P.28031-029 is listed for this species but also appears under 'other material' for *Helcogramma striata* (Fricke, 1994: 440). Paratypes P.29048-008 are listed first as two paratype specimens and later as three 'other material' specimens. The lot housed at WAM includes three specimens (as listed on the original data sheet).

SYNONYMY. This name is a junior synonym of *Enneapterygius flavocipitis* Shen, 1994.

*Enneapterygius gracilis* Fricke, 1994: 209, figure 34.

PARATYPES. P.27274-041, 17 specimens, 15–23 mm

SL; P.28060-016, 5 specimens, 18–22 mm SL; P.28417-025, 7 specimens, 12–17 mm SL, all from near Broome, WA, Australia.

*Enneapterygius larsonae* Fricke, 1994: 235, figures 44, 45.

PARATYPES. P.25308-016, 22 mm SL, Houtman Abrolhos, WA, Australia; P.25317-011, 2 specimens, 31–32 mm SL, Houtman Abrolhos, WA, Australia; P.26668-011, 5 specimens, 20–26 mm SL, Shark Bay, WA, Australia; P.28416-029, 2 specimens, 17–18 mm SL, Broome, WA, Australia; P.29042-027, 5 specimens, 13–24 mm SL, Ashmore Reef, WA, Australia; P.29883-004, 26 mm SL, Houtman Abrolhos, WA, Australia; P.29884-015, 27 mm SL, Houtman Abrolhos, WA, Australia; P.29887-006, 29 mm SL, Houtman Abrolhos, WA, Australia.

REMARKS. The type description includes an error: P.25308-014 should read P.25308-016.

*Enneapterygius mirabilis* Fricke, 1994: 251, figure 48.

PARATYPES. P.28531-012, 18 mm SL, Great Barrier Reef, Qld; P.28534-024, 15 mm SL, Great Barrier Reef, Qld., Australia

*Enneapterygius similis* Fricke, 1997: 326, figure 68.

PARATYPE. P.30416-011, 21 mm SL, Sipadan, Malaysia.

*Enneapterygius triserialis* Fricke, 1994: 280, figures 56, 57.

PARATYPES. P.29627-034, 4 specimens, 19–23 mm SL, Holmes Reefs, Qld., Australia

*Helcogramma lacuna* Williams and Howe, 2003: 165, figures 13, 14.

PARATYPES. P.26507-016, 2 specimens, 33–35 mm SL, Similan Islands, Thailand.

*Norfolkia cristata* Kuitert, 1986b: 92, figures 4, 5.

PARATYPES. P.27136-016, 3 specimens, 28–35 mm SL, Victor Harbour, SA, Australia.

*Norfolkia incisa* Kuitert, 1986b: 93, figures 6, 7.

PARATYPES. P.26005-010, 7 specimens, 21–28 mm SL, Recherche Archipelago, WA, Australia; P.27123-012, 4 specimens, 24–28 mm SL, Wilson's Promontory, Vic., Australia

SYNONYMY. This species is now known as *Trinorfolkia incisa*.

*Norfolkia leeuwin* Fricke, 1994: 471, figure 106.

PARATYPE. P.25308-014, 24 mm SL, Houtman Abrolhos, WA, Australia.

REMARKS. The type description includes an error: P.25308-000 should read P.25308-014.

*Taboguilla signata* Allen and Robertson, 1991b: 81, figures 4, 5.

PARATYPE. P.30229-001, 39 mm SL, Punta Mariato, Panama.

SYNONYMY. This name is a junior synonym of *Lepidonectes clarkhubbsi* Bussing, 1991.

*Vauchusella calva* Whitley, 1944a: 272.

HOLOTYPE. P.1052-001, 37 mm SL, Cottesloe, WA, Australia.

PARATYPE. P.1052-002, 39 mm SL, Cottesloe, WA, Australia.

SYNONYMY. This name is a junior synonym of *Helcogramma decurrens* McCulloch and Waite, 1918.

### Clinidae

*Clinus eckloniae* McKay, 1970: 16, figure 1.

HOLOTYPE. P.16785-001, 73 mm SL, Albany, WA, Australia.

PARATYPE. P.16786-001, 39 mm SL, Rottnest Island, WA, Australia.

SYNONYMY. This species is now known as *Heteroclinus eckloniae*.

*Heteroclinus kuiteri* Hoese and Rennis, 2006: 21, figures 1, 2, 3.

PARATYPES. P.25767-010, 3 specimens, 38–47 mm SL, Recherche Archipelago, WA, Australia; P.26599-004, 4 specimens, 34–48 mm SL, Cosy Corner, WA, Australia.

*Petraites equiradiatus* Milward, 1960: 134, figure.

HOLOTYPE. P.4472-001, 97 mm SL, Rottnest Island, WA, Australia.

SYNONYMY. This species is now known as *Heteroclinus equiradiatus*.

### Ophiclinidae

*Ophiclinops hutchinsi* George and Springer, 1980: 9, figure 2.

HOLOTYPE. P.26004-008, 89 mm SL, Lucky Bay, WA, Australia.

PARATYPES. P.26003-016, 31 mm SL, Lucky Bay, WA, Australia; P.26454-001, 2 specimens, 50–52 mm SL, Lucky Bay, WA, Australia.

*Ophiclinus brevipinnis* George and Springer, 1980: 17, figure 6.

PARATYPE. P.26000-022, 59 mm SL, Lucky Bay, WA, Australia.

*Ophiclinus ningulus* George and Springer, 1980: 22, figure 10.

HOLOTYPE. P.26009-015, 44 mm SL, Lucky Bay, WA, Australia.

*Ophiclinus pectoralis* George and Springer, 1980: 23, figures 11, 12.

HOLOTYPE. P.25770-006, 52 mm SL, Recherche Archipelago, WA, Australia.

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PARATYPES. P.25758-015, 31 mm SL, Rottnest Island, WA, Australia; P.26008-008, 2 specimens, 31–40 mm SL, Recherche Archipelago, WA, Australia.

### Callionymidae

*Callionymus (Spinicapitichthys) csiro* Fricke, 1983: 457, figure 135.

HOLOTYPE. P.11212-001, 23 mm SL, Carnarvon, WA, Australia.

SYNONYMY. This name is a junior synonym of *Callionymus draconis* Nakabo, 1977.

*Callionymus (Calliurichthys) margaretae australis* Fricke, 1983: 402, figures 118, 119.

PARATYPE. P.11841-001, 62 mm SL, Shark Bay, WA, Australia.

SYNONYMY. This species is now known as *Callionymus australis*.

*Calliurichthys goodladi* Whitley, 1944a: 270.

HOLOTYPE. P.2528-001, 131 mm SL, Cheyne Beach, WA, Australia

PARATYPES. P.2541-001 to P.2543-001, 3 specimens, 117–126 mm SL, Shark Bay, WA, Australia.

SYNONYMY. This species is now known as *Pseudocalliurichthys goodladi*.

*Synchiropus grandoculis* Fricke, 2000: 69, figure 33.

HOLOTYPE. P.30418-001, 128 mm SL, Rowley Shoals, WA, Australia.

REMARKS. The type description includes an error: P.20418-001 should read P.30418-001.

*Synchiropus (Synchiropus) moyeri* Zaiser and Fricke, 1985: 389, figures 1, 2.

PARATYPE. P.28366-001, 33 mm SL, Izu Islands, Japan.

*Synchiropus (Synchiropus) picturatus occidentalis* Fricke, 1983: 653, figure 202.

HOLOTYPE. P.22027-001, 39 mm SL, Dampier Archipelago, WA, Australia.

PARATYPES. P.22028-001, 38 mm SL, Dampier Archipelago, WA, Australia; P.22029-001, 40 mm SL, Dampier Archipelago, WA, Australia.

SYNONYMY. This species is now known as *Synchiropus occidentalis*.

### Draconettidae

*Liopsaron insolitus* McKay, 1971: 45, figure 5.

HOLOTYPE. P.19164-001, 93 mm SL, north-western Australia, Indian Ocean.

PARATYPES. P.19165-001, 87 mm SL, north-western Australia, Indian Ocean; P.19166-001, 71 mm SL, north-western Australia, Indian Ocean.

SYNONYMY. This species is now known as *Centrodraco insolitus*.

## Gobiidae

*Amblyeleotris arcupinna* Mohlmann and Munday, 1999: 59, figures 1, 2.

PARATYPE. P.31206-001, 70 mm SL, Cape Heussner, PNG (missing).

*Amblyeleotris randalli* Hoese and Steene, 1978: 382, figures 1, 2, 3.

PARATYPE. P.25235-021, 58 mm SL, Ambon Island, Indonesia.

*Amblyeleotris rubrimarginata* Mohlmann and Randall, 2002: 216, figures 1, 2, 3.

PARATYPES. P.31767-001, 49 mm SL, Lizard Island, Qld; P.31768-001, 34 mm SL, Lizard Island, Qld., Australia

*Asterropteryx bipunctatus* Allen and Munday, 1995: 99, figures 1, 2.

HOLOTYPE. P.30346-007, 31 mm SL, Madang, PNG.

PARATYPES. P.28170-034, 2 specimens, 20–28 mm SL, Rabaul, PNG; P.28181-016, 24 mm SL, Rabaul, PNG; P.30357-019, 16 mm SL, Madang, PNG; P.30369-010, 25 mm SL, Madang, PNG; P.30406-005, 3 specimens, 17–21 mm SL, Sibuan Island, Indonesia; P.30620-013, 23 mm SL, Madang, PNG; P.30804-017, 22 mm SL, Kakaban Island, Indonesia.

REMARKS. The type description includes an error: paratype P.30620 should read P.30620-013.

*Asterropteryx striatus* Allen and Munday, 1995: 101, figures 3, 4.

HOLOTYPE. P.30376-023, 23 mm SL, Madang, PNG.

PARATYPE. P.30719-041, 23 mm SL, Maumere Bay, Indonesia.

*Awaous (Awaous) acritosus* Watson, 1994: 372, figure 1.

PARATYPES. P.27395-006, 3 specimens, 93–114 mm SL, Hohora Creek, PNG; P.28545-005, 102 mm SL, Hilda Creek, Qld; P.28546-006, 6 specimens, 40–92 mm SL, Cooper Creek, Qld., Australia

*Bryaninops amplus* Larson, 1985: 66, figures 5, 6.

PARATYPES. P.25109-002, 3 specimens, 8–16 mm SL, Dampier Archipelago, WA, Australia; P.28039-001, 4 specimens, 16–24 mm SL, Lizard Island, Qld., Australia

*Bryaninops isis* Larson, 1985: 89, figure 17.

PARATYPES. P.28441-001, 18 mm SL, Lizard Island, Qld; P.28442-001, 16 mm SL, Lizard Island, Qld., Australia

*Bryaninops loki* Larson, 1985: 81, figures 13, 14.

PARATYPES. P.28042-001, 2 specimens, 22–23 mm SL, Lizard Island, Qld., Australia

*Bryaninops natans* Larson, 1985: 77, figures 10, 11, 12.

PARATYPES. P.27666-012, 12 specimens, 11–17 mm SL, Rowley Shoals, WA, Australia; P.28041-001, 8 specimens, 14–17 mm SL, Gulf Of Aqaba, Israel.

*Bryaninops nexus* Larson, 1987: 139, figures 1, 2, 3.

PARATYPES. P.28030-030, 5 specimens, 11–19 mm SL, Rowley Shoals, WA, Australia.

*Bryaninops tigris* Larson, 1985: 70, figures 7, 8.

PARATYPE. P.28040-001, 17 mm SL, Lizard Island, Qld., Australia

*Cristatogobius rubripectoralis* Akihito, Meguro and Sakamoto, 2003: 117, figures 1, 2.

PARATYPES. P.31776-001, 2 specimens, 21–47 mm SL, Saunders Beach, Qld (missing).

*Drombus halei lepidothorax* Whitley, 1945: 37.

SYNTYPE. P.2667-001 to P.2673-001, 7 specimens, 29–45 mm SL, Denham, WA, Australia.

SYNONYMY. This species is now known as *Drombus lepidothorax*.

*Echinogobius hayashii* Iwata, Hosoya and Niimura, 1998: 115, figures 1, 2.

PARATYPE. P.30883-002, 86 mm SL, Seringapatam Reef, Indian Ocean.

*Eviota bimaculata* Lachner and Karnella, 1980: 91, figures 51, 52.

HOLOTYPE. P.10110-001, 19 mm SL, Rottneest Island, WA, Australia.

PARATYPES. P.10111-001, 20 mm SL, Rottneest Island, WA, Australia; P.10112-001, 18 mm SL, Rottneest Island, WA, Australia; P.10129-001, 22 mm SL, Rottneest Island, WA, Australia; P.25725-019, 4 specimens, 19–22 mm SL, Rottneest Island, WA, Australia; P.10445-001 to P.10448-001, 4 specimens, 19–23 mm SL, Garden Island, WA, Australia.

*Eviota fasciola* Karnella and Lachner, 1981: 268, figures 2, 3.

PARATYPES. P.26843-001, 5 specimens, 11–17 mm SL, One Tree Island, Qld., Australia

*Eviota mikiae* Allen, 2001c: 128, figures 3, 4.

PARATYPES. P.31527-003, 8 specimens, 13–18 mm SL, Pulau Weh, Indonesia.

*Eviota raja* Allen, 2001c: 126, figure 1.

PARATYPES. P.31780-002, 9 specimens, 13–24 mm SL, Raja Ampat Islands, Indonesia.

REMARKS. The type description includes an error: P.31780-001 should read P.31780-002.

*Eviota sigillata* Jewett and Lachner, 1983: 799, figure 10.

PARATYPES. P.27053-001, 3 specimens, 12–18 mm SL, Raphael Island, Mauritius.

*Exyrias akihito* Allen and Randall, 2005b: 76, figures 1, 2, 3, 4, 5.

PARATYPES. P.31214.001, 67 mm SL, Madang Lagoon, PNG; P.32255.003, 2 specimens, 27–34 mm SL, Kawe Island, West Papua, Indonesia; P.32615.001, 81 mm SL, Milne Bay Province, PNG.

*Feia nota* Gill and Mooi, 1999: 366, figures 1, 2, 3a.

HOLOTYPE. P.31440-001, 18 mm SL, Bessieres Island, WA, Australia.

*Fusigobius duospilus* Hoese and Reader, 1985: 2, figures 1, 2.

PARATYPES. P.25369-020, 29 mm SL, off Tantabiddi Creek, WA, Australia; P.25374-039, 38 mm SL, off Tantabiddi Creek, WA, Australia; P.25813-024, 3 specimens, 28–36 mm SL, South Muiron Island, WA, Australia; P.25819-025, 2 specimens, 35–42 mm SL, South Muiron Island, WA, Australia; P.26087-015, 31 mm SL, Christmas Island, Indian Ocean; P.26662-019, 2 specimens, 24–29 mm SL, Shark Bay, WA, Australia; P.26671-022, 2 specimens, 27–46 mm SL, Shark Bay, WA, Australia; P.27584-002, 44 mm SL, Houtman Abrolhos, WA, Australia; P.27587-016, 46 mm SL, Houtman Abrolhos, WA, Australia; P.27590-019, 40 mm SL, Houtman Abrolhos, WA, Australia.

REMARKS. The type description includes an error: P.27596-019 should read P.27590-019.

SYNONYMY. This species is now known as *Coryphopterus duospilus*.

*Glossogobius coatesi* Hoese and Allen, 1990: 118, figures 1, 2, 5a.

HOLOTYPE. P.29620-009, 97 mm SL, Ramu River, PNG.

PARATYPES. P.27847-009, 5 specimens, 24–79 mm SL, Kwatit River, PNG; P.29617-001, 3 specimens, 42–51 mm SL, Ramu River, PNG; P.29620-006, 9 specimens, 15–83 mm SL, Ramu River, PNG.

*Glossogobius hoesei* Allen and Boeseman, 1982: 84, figures 4, 5.

PARATYPES. P.27387-001, 10 specimens, 50–65 mm SL, Jow Lake, West Papua, Indonesia.

*Glossogobius torrentis* Hoese and Allen, 1990: 122, figures 3, 4, 5b.

HOLOTYPE. P.29615-009, 70 mm SL, Ramu River, PNG.

PARATYPES. P.29614-007, 38 specimens, 15–56 mm SL; P.29615-002, 56 specimens, 17–71 mm SL; P.29619-006, 3 specimens, 26–44 mm SL, all from Ramu River, PNG.

REMARKS. The type description includes two errors: paratypes P.29614-007 has 38 specimens,

not 40, and paratypes P.29615-002 has 56 specimens, not 49.

*Lentipes dimetrodon* Watson and Allen, 1999: 115, figure 2.

PARATYPES. P.31059-003, 4 specimens, 19–24 mm SL, Omamerwai Creek, West Papua, Indonesia.

REMARKS. The type description includes an error: P.31059-002 should read P.31059-003.

*Lentipes venustus* Allen, 2004d: 88, figures 1, 2.

HOLOTYPE. P.32355-001, 40 mm SL, Goodenough Island, PNG.

PARATYPES. P.32372-001, 2 specimens, 24–28 mm SL, Normanby Island, PNG; P.32374-001, 29 mm SL, Normanby Island, PNG.

*Lentipes watsoni* Allen, 1997b: 34, figures 1, 2.

HOLOTYPE. P.31221-001, 47 mm SL, Sapoi River, PNG.

PARATYPES. P.31221-002, 5 specimens, 45–64 mm SL, Sapoi River, PNG.

*Mugilogobius filifer* Larson, 2001: 119, figures 112, 113, 114, 115.

PARATYPES. P.25668-014, 12 specimens, 17–32 mm SL, Admiralty Gulf, WA, Australia.

*Mugilogobius littoralis* Larson, 2001: 139, figures 133, 134, 135, 136.

PARATYPES. P.25668-018, 21 mm SL, Admiralty Gulf, WA, Australia; P.30303-017, 2 specimens, 13–21 mm SL, Napier Broome Bay, WA, Australia.

*Myersina larsonae* Allen, 1999d: 49, figure 1.

HOLOTYPE. P.31470-001, 47 mm SL, Cassini Island, WA, Australia.

PARATYPES. P.31470-002, 2 specimens, 42–49 mm SL, Cassini Island, WA, Australia.

*Papillogobius punctatus* Gill and Miller, 1990: 509, figure 4.

HOLOTYPE. P.29724-001, 51 mm SL, Swan River, WA, Australia.

PARATYPES. P.29723-001, 5 specimens, 39–43 mm SL, Swan River, WA, Australia; P.29725-001, 39 mm SL, Swan River, WA, Australia; P.29726-001, 5 specimens, 41–53 mm SL, Swan River, WA, Australia; P.29727-001, 43 mm SL, Swan River, WA, Australia; P.29728-001, 2 specimens, 44–45 mm SL, Swan River, WA, Australia; P.29737-001, 6 specimens (all c/s), 22–35 mm SL, Canning River, WA, Australia.

SYNONYMY. This species is now known as *Favonigobius punctatus*.

*Periophthalmus murdyi* Larson and Takita, 2004: 178, figures 3, 4, 5, 6.

PARATYPES. P.32464-001, 4 specimens, 34–48 mm SL, Derby, WA, Australia.

- Pleurosicya coerulea* Larson, 1990: 20, figure 16.  
PARATYPES. P.28025-044, 36 specimens, 9–16 mm SL, Rowley Shoals, WA, Australia; P.29048-007, 11 mm SL, Ashmore Reef, WA, Australia.
- Pleurosicya elongata* Larson, 1990: 22, figure 17; Plate 2a.  
PARATYPES. P.30053-001, 2 specimens, 18–27 mm SL, Motupore Island, PNG.
- Pleurosicya fringilla* Larson, 1990: 25, figure 18.  
PARATYPES. P.27596-001, 2 specimens, 13–14 mm SL, Houtman Abrolhos, WA, Australia.
- Pleurosicya plicata* Larson, 1990: 41, figures 25, 26.  
PARATYPE. P.27666-027, 22 mm SL, Rowley Shoals, WA, Australia.
- Priolepis fallacinata* Winterbottom and Burridge, 1992: 1940, figures 5, 6.  
PARATYPE. P.27824-079, 15 mm SL, Manus, PNG.
- Schismatogobius vitiensis* Jenkins and Boseto, 2005: 76, figure 1.  
PARATYPES. P.32351-001, 5 specimens, 24–26 mm SL, Viti Levu, Fiji.
- Sicyopus discordipinnis* Watson, 1995: 273, figure 1.  
HOLOTYPE. P.27834-004, 25 mm SL, Letak Creek, PNG.  
PARATYPES. P.27834-005, 2 specimens, 26–28 mm SL, Letak Creek, PNG; P.28167-001, 6 specimens, 29–34 mm SL, Arawa, PNG.
- Sicyopus (Smilosicyopus) mystax* Watson and Allen, 1999: 117, figure 3.  
PARATYPES. P.31262-004, 4 specimens, 30–40 mm SL, Aiyindor Creek, West Papua, Indonesia.
- Signigobius biocellatus* Hoese and Allen, 1977: 200, figures 1, 2, 3.  
PARATYPES. P.24765-001, 48 mm SL, Lizard Island, Qld., Australia; P.25539-001, 24 mm SL, Koror Island, Palau.
- Stenogobius (Insularigobius) alleni* Watson, 1991: 632, figure 26.  
HOLOTYPE. P.28177-010, 36 mm SL, Tovarua Stream, PNG.  
PARATYPES. P.28177-003, 5 specimens, 28–39 mm SL, Tovarua Stream, PNG.
- Stenogobius (Insularigobius) caudimaculosus* Watson, 1991: 626, figure 23.  
PARATYPES. P.29317-001, 10 specimens, 39–66 mm SL, Marquesas Islands, Pacific Ocean.
- Stenogobius (Insularigobius) hoesei* Watson, 1991: 636, figure 28.  
HOLOTYPE. P.27829-015, 60 mm SL, Manus Island, PNG.  
PARATYPES. P.27829-017, 12 specimens, 23–47 mm SL, Manus Island, PNG; P.27830-009, 42 mm SL, Manus Island, PNG; P.28163-003, 3 specimens, 28–34 mm SL, Bougainville, PNG; P.28164-007, 3 specimens, 26–50 mm SL, Bougainville, PNG; P.28185-015, 2 specimens, 36–42 mm SL, Kavieng, PNG; P.28453-001, 2 specimens, 53–56 mm SL, Guadalcanal, Solomon Islands.
- Stenogobius (Stenogobius) lachneri* Watson, 1994a: 162, figures 1, 2, 3, 5.  
HOLOTYPE. P.29973-010, 86 mm SL, Bintuni River, West Papua, Indonesia.  
PARATYPES. P.29981-004, 39 mm SL, Sorong, West Papua, Indonesia; P.29953-005, 2 specimens, 61–71 mm SL, Bintuni River, West Papua, Indonesia; P.29973-003, 15 specimens, 25–83 mm SL, Bintuni River, West Papua, Indonesia.  
REMARKS. This name appeared first as *Stenogobius lachneri* Watson, 1990 in Allen (1991b) (p.198), but Watson did not publish his description until 1994. Eschmeyer *et al.* (2007) consider the name to be preoccupied due to the earlier publication by Allen and the authorship to be Watson in Allen, 1991b.
- Stenogobius (Insularigobius) marqueti* Watson, 1991: 622, figure 22.  
PARATYPES. P.29656-001, 9 specimens, 36–60 mm SL, Marquesas Islands, Pacific Ocean.
- Stenogobius (Stenogobius) psilosinionus* Watson, 1991: 604, Fig 16.  
PARATYPES. P.28201-008, 20 specimens, 49–96 mm SL, Laloki River, PNG.
- Stenogobius (Insularigobius) squamosus* Watson, 1991: 629, figure 24.  
PARATYPES. P.29316-001, 9 specimens, 37–66 mm SL, Marquesas Islands, Pacific Ocean.
- Stenogobius (Insularigobius) watsoni* Allen, 2004d: 92, figures 6, 7, 8.  
HOLOTYPE. P.32368-001, 57 mm SL, Woodlark Island, PNG.  
PARATYPES. P.32353-001, 3 specimens, 52–65 mm SL, Fergusson Island, PNG; P.32368-002, 2 specimens, 38–41 mm SL, Woodlark Island, PNG.
- Stiphodon allen* Watson, 1996: 114, figures 2, 4.  
HOLOTYPE. P.29644-001, 44 mm SL, Harvey Creek, Qld., Australia
- Stiphodon atratus* Watson, 1996: 115, figures 6, 8.  
PARATYPES. P.26413-001, 2 specimens, 29–31 mm SL, Beamu Creek, PNG; P.27788-004, 3 specimens, 25–32 mm SL, Oro Bay, PNG; P.27862-006, 2 specimens, 26–32 mm SL, Nabire River, West Papua, Indonesia; P.27862-007, 24 mm SL, Nabire River, West Papua, Indonesia; P.28185-012, 4 specimens, 22–42 mm SL, Kavieng, PNG; P.29613-005, 28 mm SL, Bogia, PNG.

*Stiphodon birdsong* Watson, 1996: 118, figures 11, 13.

HOLOTYPE. P.27834-007, 23 mm SL, Letak Creek, PNG.

PARATYPES. P.31059-001, 3 specimens, 18–21 mm SL, Omamerwai Creek, West Papua, Indonesia; P.31059-002, 2 specimens, 20–22 mm SL, Omamerwai Creek, West Papua, Indonesia.

REMARKS. The type description includes an error: for the paratypes P.31059-002 there are 2 specimens, not 5.

*Stiphodon laron* Watson, 1996: 120, figures 14, 16.

HOLOTYPE. P.29602-017, 28 mm SL, Maeabudu River, PNG.

PARATYPES. P.29600-004, 2 specimens, 26–28 mm SL; P.29601-007, 4 specimens, 19–26 mm SL; P.29602-013, 50 specimens, 21–31 mm SL, all from Gogol, PNG.

REMARKS. The type description includes an error: for the paratypes P.29602-013 there are 50 specimens, not 51.

*Stiphodon rutilaureus* Watson, 1996: 122, figure 18, 20.

HOLOTYPE. P.27834-003, 24 mm SL, Letak Creek, PNG.

PARATYPES. P.27833-014, 2 specimens, 15–20 mm SL, Mandi Stream, PNG; P.28164-008, 16 specimens, 18–30 mm SL, Tekan River, PNG; P.28164-009, 2 specimens, 21–23 mm SL, Tekan River, PNG; P.28423-003, 10 specimens, 23–29 mm SL, Efate Island, Vanuatu.

*Stiphodon weberi* Watson, Allen and Kottelat, 1998: 299, figures 5, 8.

PARATYPES. P.31037-006, 35 mm SL, Reifafeif River, West Papua, Indonesia; P.31038-002, 2 specimens, 24–25 mm SL, Tare River, West Papua, Indonesia.

*Sueviota atrinasa* Winterbottom and Hoese, 1988: 7, figure 5.

PARATYPES. P.28022-054, 3 specimens, 17–20 mm SL, Rowley Shoals, WA, Australia; P.28031-036, 15 mm SL, Rowley Shoals, WA, Australia.

*Trimma dalerocheila* Winterbottom, 1984: 697, figures 1, 11.

PARATYPES. P.27983-001, 5 specimens, 16–17 mm SL, Chagos Archipelago, Indian Ocean.

*Trimma emeryi* Winterbottom, 1985: 752, figure 5.

PARATYPES. P.28333-001, 14 specimens, 10–18 mm SL, Chagos Archipelago, Indian Ocean; P.28334-001, 7 specimens, 13–15 mm SL, Chagos Archipelago, Indian Ocean.

*Trimma haima* Winterbottom, 1984: 702, figures 3, 17.

PARATYPES. P.28015-001, 9 specimens, 10–16 mm SL, Chagos Archipelago, Indian Ocean.

*Trimma halonevum* Winterbottom, 2000: 62, Fig + figure 3.

PARATYPES. P.28176-007, 18 mm SL, Rabaul, PNG; P.28180-014, 3 specimens, 20–21 mm SL, Rabaul, PNG.

*Trimma lantana* Winterbottom and Villa, 2003: 16, figures 1b, 2, 3.

PARATYPES. P.27827-046, 13 mm SL, Manus, PNG; P.27970-037, 5 specimens, 22–27 mm SL, Point Quobba, WA, Australia; P.29047-034, 5 specimens, 19–23 mm SL, Ashmore Reef, WA, Australia; P.29051-024, 2 specimens, 19–26 mm SL, Ashmore Reef, WA, Australia.

REMARKS. The type description includes an error: P.27920-037 should read P.27970-037.

*Trimma rubromaculata* Allen and Munday, 1995: 102, figures 5, 6.

HOLOTYPE. P.30889-001, 18 mm SL, Kimbe Bay, PNG.

PARATYPES. P.30889-002, 2 specimens, 14–16 mm SL, Kimbe Bay, PNG.

*Trimma stobbsi* Winterbottom, 2001: 20, figures 1, 2.

PARATYPES. P.28170-002, 5 specimens, 15–16 mm SL, Rabaul, PNG.

*Trysogobius colini* Larson and Hoese, 2001: 29, figures 1, 2, 3, 4, 5, 6.

PARATYPE. P.27826-094, 21 mm SL, Los Negros Island, PNG.

REMARKS. The type description includes an error: P.27826-[ex006] should read P.27826-094.

*Valenciennesa alleni* Hoese and Larson, 1994: 13, Plates 1a, 5a.

PARATYPES. P.25168-001, 74 mm SL, Shark Bay, WA, Australia; P.26667-008, 37 mm SL, Shark Bay, WA, Australia.

*Valenciennesa decora* Hoese and Larson, 1994: 18, Plates 1c, d, 5b.

PARATYPE. P.27974-001, 72 mm SL, New Caledonia, Pacific Ocean.

*Valenciennesa parva* Hoese and Larson, 1994: 37, Plates 3a, 5h.

PARATYPE. P.27973-001, 40 mm SL, Palfrey Island, Qld., Australia

*Vanderhorstia flavilineata* Allen and Munday, 1995: 103, figures 7, 8.

HOLOTYPE. P.30896-001, 27 mm SL, Kimbe Island, PNG.

PARATYPE. P.30896-003, 22 mm SL, Kimbe Island, PNG.

*Vanderhorstia nobilis* Allen and Randall, 2006: 40, figures 1, 2, 3, 4.

HOLOTYPE. P.31402-002, 43 mm SL, Culion Island, Philippines.

### Eleotrididae

*Allomogurnda flavimarginata* Allen, 2003: 981, figure 5.

HOLOTYPE. P. 32377-001, 77 mm SL, Bulolu, PNG.  
PARATYPES. P.27407-001, 2 specimens, 51–61 mm SL, Bulolu, PNG; P. 32377-002, 4 specimens, 34–64 mm SL, Bulolu, PNG.

*Allomogurnda insularis* Allen, 2003: 984, figures 7, 8, 9.

HOLOTYPE. P.32356-001, 55 mm SL, Matalamoia River, PNG.  
PARATYPES. P.32356-002, 10 specimens, 28–38 mm SL, Matalamoia River, PNG.

*Allomogurnda landfordi* Allen, 2003: 986, figure 11.

HOLOTYPE. P.30969-001, 37 mm SL, Kikori, PNG.  
PARATYPES. P.30969-002, 10 specimens, 16–33 mm SL, Kikori, PNG; P.32378-001, 58 mm SL, Aseki, PNG.

*Allomogurnda montana* Allen, 2003: 988, figure 13.

HOLOTYPE. P.32370-001, 61 mm SL, Awaetowa River, PNG.  
PARATYPES. P.32370-002, 6 specimens, 18–54 mm SL, Awaetowa River, PNG.

*Allomogurnda papua* Allen, 2003: 992, figures 19, 20.

HOLOTYPE. P.27397-002, 66 mm SL, Matairuka Village, PNG.  
PARATYPES. P.26414-001, 10 specimens, 17–65 mm SL, Banderi, PNG; P.27783-003, 18 specimens, 14–81 mm SL, Foasi Creek, PNG; P.27784-005, 14 specimens, 17–57 mm SL, Moni River, PNG; P.27787-001, 2 specimens, 47–62 mm SL, Oro Bay, PNG; P.27791-004, 3 specimens, 39–65 mm SL, Popondetta, PNG.  
REMARKS. The type description includes an error: paratypes P.27783-002 should read P.27783-003.

*Allomogurnda sampricei* Allen, 2003: 995, figures 22, 23.

PARATYPES. P.32375-001, 3 specimens, 30–43 mm SL, Reifafeif River, Indonesia; P.32376-001, 32 mm SL, Reifafeif River, Indonesia.

*Eleotris aquadulcis* Allen and Coates, 1990: 133, figures 1, 2.

HOLOTYPE. P.29608-006, 205 mm SL, Twenty Mile Island Lake, PNG.  
PARATYPES. P.28206-007, 9 specimens, 61–183 mm SL, Sepik River, PNG; P.29608-002, 5 specimens, 160–215 mm SL, Twenty Mile Island Lake, PNG.

*Eleotris aurea* Shipway, 1950: 75, figures 1, 2.

HOLOTYPE. P.3283-001, 59 mm SL, Murchison River, WA, Australia.  
SYNONYMY. This species is now known as *Hypseleotris aurea*.

*Hypseleotris ejuncida* Hoese and Allen in Allen, 1982d: 56, figure 6.

HOLOTYPE. P.25032-009, 46 mm SL, Gundarara Creek, near Prince Regent River, WA, Australia.  
PARATYPES. P.25032-008, 8 specimens, 23–43 mm SL, Gundarara Creek, WA, Australia.  
REMARKS. Hoese and Allen (1983) provided a full description of this species, but prior to its publication, a brief account and illustration of the species was published by Allen (1982d), attributing the name of the species to the two authors. Although the diagnosis in the latter account is not sufficiently detailed to distinguish the new species from other *Hypseleotris*, a combination of the diagnosis, the illustration and the unique location of collection identifies the species. The authority of the species is therefore Hoese and Allen in Allen (1982d) (Eschmeyer 2007). The description of the species by Hoese and Allen (1983) includes an error: paratypes P.25032-002 should read P.25032-008.

*Hypseleotris kimberleyensis* Hoese and Allen in Allen, 1982d: 57, Plate 13.

HOLOTYPE. P.25454-009, 34 mm SL, Barnett River, WA, Australia.  
PARATYPES. P.25454-007, 6 specimens, 27–34 mm SL, Barnett River, WA, Australia; P.25872-006, 4 specimens, 28–34 mm SL, Manning Creek, WA, Australia.  
REMARKS. This name was first published as *Hypseleotris kimberleyensis* Hoese and Allen in Allen (1982d) (see above account of *Hypseleotris ejuncida*).

*Hypseleotris regalis* Hoese and Allen in Allen, 1982d: 57, Plate 13.

HOLOTYPE. P.25028-009, 32 mm SL, Wyulda Creek, near Roe River, WA, Australia.  
PARATYPES. P.25028-007, 11 specimens, 23–36 mm SL, Wyulda Creek, WA, Australia; P.25040-004, 14 specimens, 22–37 mm SL, Youwanjela Creek, WA, Australia.  
REMARKS. This name was first published as *Hypseleotris regalis* Hoese and Allen in Allen (1982d) (see above account of *Hypseleotris ejuncida*). The description of the species by Hoese and Allen (1983) includes an error: for the paratypes P.25028-007, there are 11 specimens, not 12.

*Kimberleyeleotris hutchinsi* Hoese and Allen, 1987: 36, figures 1, 2.

HOLOTYPE. P.25684-009, 31 mm SL, Mitchell River, WA, Australia.

PARATYPES. P.25683-008, 2 specimens, 22–24 mm SL, Mitchell River, WA, Australia; P.25684-007, 14 specimens, 25–30 mm SL, Mitchell River, WA, Australia.

*Kimberleyeleotris notata* Hoese and Allen, 1987: 40, figures 3, 4.

HOLOTYPE. P.25427-010, 37 mm SL, Drysdale River, WA, Australia.

*Milyeringa veritas* Whitley, 1945: 36, figure 15.

HOLOTYPE. P.2913-001, 40 mm SL, North West Cape, WA, Australia.

*Mogurnda aiwasoensis* Allen and Renyaan, 1996c: 52, figure 11.

PARATYPE. P.31042-005, 38 mm SL, Lake Aiwaso, West Papua, Indonesia.

*Mogurnda cingulata* Allen and Hoese, 1991: 36, figure 3.

HOLOTYPE. P.27806-003, 94 mm SL, tributary of Ok Tedi River, PNG.

PARATYPES. P.27388-002, 35 specimens, 32–115 mm SL, Digul River, Indonesia; P.27793-004, 2 specimens, 20–50 mm SL, Kiunga, PNG; P.27794-003, 46 mm SL, Kiunga, PNG; P.27799-008, 2 specimens, 29–36 mm SL, Ningerum, PNG; P.27807-003, 57 mm SL, Kiunga, PNG; P.27808-005, 5 specimens, 35–65 mm SL, Kiunga, PNG; P.27812-007, 81 mm SL, tributary of Nomad River, PNG.

*Mogurnda furva* Allen and Hoese, 1986: 83, figures 3, 4.

HOLOTYPE. P.28158-009, 65 mm SL, Lake Kutubu, PNG.

PARATYPES. P.28158-011, 2 specimens, 19–31 mm SL, Lake Kutubu, PNG.

*Mogurnda kaifayama* Allen and Jenkins, 1999a: 244, figures 8, 9, 10, 11.

PARATYPES. P.31301-003, 16 specimens, 23–89 mm SL, Lake Kaifayama, Indonesia.

*Mogurnda kutubuensis* Allen and Hoese, 1986: 86, figures 6, 7.

HOLOTYPE. P.28159-011, 87 mm SL, Lake Kutubu, PNG.

PARATYPES. P.28158-008, 30 specimens, 21–68 mm SL, Lake Kutubu, PNG; P.28159-008, 113 specimens, 16–77 mm SL, Lake Kutubu, PNG.

REMARKS. The type description includes an error: for the paratypes P. 28159-008 there are 113 specimens, not 112.

*Mogurnda lineata* Allen and Hoese, 1991: 39, figure 4.

HOLOTYPE. P.27790-008, 81 mm SL, Kaili Creek, PNG.

PARATYPES. P.27790-005, 21 specimens, 22–82 mm SL, Kaili Creek, PNG.

*Mogurnda maccuneae* Jenkins, Buston and Allen, 2000: 48, figures 2, 3.

HOLOTYPE. P.31430-001, 73 mm SL, Lake Kutubu, PNG.

PARATYPES. P.31430-002, 7 specimens, 33–74 mm SL, Lake Kutubu, PNG.

*Mogurnda magna* Allen and Renyaan, 1996c: 49, figures 5, 6.

PARATYPES. P.31042-001, 14 specimens, 22–86 mm SL, Lake Aiwaso, West Papua, Indonesia; P.31043-002, 10 specimens, 23–80 mm SL, Lake Laamora, West Papua, Indonesia.

*Mogurnda malsmithi* Allen and Jebb, 1993: 238, figure 5.

HOLOTYPE. P.30381-005, 56 mm SL, Pio, PNG.

PARATYPES. P.30348-003, 2 specimens, 35–68 mm SL, Koma River, PNG.

*Mogurnda mbuta* Allen and Jenkins, 1999a: 239, figures 4, 5.

PARATYPES. P.31300-005, 20 specimens, 29–92 mm SL, Lake Mbutu, West Papua, Indonesia.

*Mogurnda mosa* Jenkins, Buston and Allen, 2000: 52, figures 7, 8.

HOLOTYPE. P.31431-001, 117 mm SL, Lake Kutubu, PNG.

PARATYPES. P.31431-002, 3 specimens, 84–108 mm SL, Lake Kutubu, PNG.

*Mogurnda oligolepis* Allen and Jenkins, 1999b: 151, figure 9.

HOLOTYPE. P.25405-012, 59 mm SL, Morgunda Creek, WA, Australia.

PARATYPES. P.25024-004, 10 specimens, 26–36 mm SL, Charnley River, WA, Australia; P.25028-008, 36 mm SL, Wyulda Creek, WA, Australia; P.25031-003, 2 specimens, 43–49 mm SL, Prince Regent River, WA, Australia; P.25034-002, 4 specimens, 32–39 mm SL, Cascade Creek, WA, Australia; P.25041-002, 2 specimens, 40–44 mm SL, Blyxa Creek, WA, Australia; P.25405-009, 12 specimens, 26–55 mm SL, Mogurnda Creek, WA, Australia; P.25406-007, 3 specimens, 27–40 mm SL, Mogurnda Creek, WA, Australia; P.25408-004, 4 specimens, 22–55 mm SL, Mogurnda Creek, WA, Australia; P.25422-003, 6 specimens, 39–51 mm SL, Palmoondoor Creek, WA, Australia; P.25426-002, 4 specimens, 22–36 mm SL, Forest Creek, WA, Australia; P.25428-005, 10 specimens, 22–58 mm SL, Berkeley River, WA, Australia; P.25455-003, 5 specimens, 27–56 mm SL, Kennedy Creek, WA, Australia; P.25458-006, 4 specimens, 37–56 mm SL, Crossland Creek, WA, Australia; P.25463-003, 9 specimens, 16–63 mm SL, Carson River, WA, Australia.

REMARKS. The type description includes an error: paratypes P.25422-00 should read P.25422-003.



*Mogurnda orientalis* Allen and Hoese, 1991: 41, figure 5.

HOLOTYPE. P.27785-004, 102 mm SL, Safia Creek, PNG.

PARATYPES. P.27784-004, 3 specimens, 63–70 mm SL, Moni River, PNG.

*Mogurnda pardalis* Allen and Renyaan, 1996c: 51, figures 8, 9.

PARATYPES. P.30519-003, 3 specimens, 56–127 mm SL, Lake Kamakawala, West Papua, Indonesia.

*Mogurnda spilota* Allen and Hoese, 1986: 90, figures 8, 9.

HOLOTYPE. P.28159-010, 90 mm SL, Lake Kutubu, PNG.

PARATYPE. P.28158-010, 56 mm SL, Lake Kutubu, PNG.

*Mogurnda vitta* Allen and Hoese, 1986: 95, figures 12, 13.

HOLOTYPE. P.28159-012, 104 mm SL, Lake Kutubu, PNG.

PARATYPE. P.28159-013, 55 mm SL, Lake Kutubu, PNG.

*Mogurnda wapoga* Allen, Jenkins and Renyaan, 1999: 64, figure 2.

PARATYPES. P.31449-002, 5 specimens, 41–55 mm SL, Tiawiwa River Floodplain, West Papua, Indonesia.

*Oxyeleotris altipinna* Allen and Renyaan, 1996c: 53, figure 13.

PARATYPES. P.31042-002, 5 specimens, 19–38 mm SL, Lake Aiwaso, West Papua, Indonesia.

*Oxyeleotris caeca* Allen, 1996b: 44, figures 1, 2.

HOLOTYPE. P.31011-001, 107 mm SL, Kikori, PNG.

*Oxyeleotris stagnicola* Allen, Hortle and Renyaan, 2000: 171, figures (p.149).

PARATYPE. P.31258-011, 38 mm SL, Timika, West Papua, Indonesia.

*Oxyeleotris wisselensis* Allen and Boeseman, 1982: 90, figures 6, 7.

PARATYPES. P.27389-001, 17 specimens, 26–82 mm SL, Tage Lake, West Papua, Indonesia.

*Thalasseleotris adela* Hoese and Larson, 1987: 45, figures 1, 2, 3, 4.

PARATYPES. P.25770-023, 24 mm SL, Recherche Archipelago, WA, Australia; P.26005-011, 20 mm SL, Recherche Archipelago, WA, Australia; P.26060-016, 2 specimens, 16–20 mm SL, Rottnest Island, WA, Australia; P.26616-025, 2 specimens, 24–24 mm SL, Rottnest Island, WA, Australia; P.26620-023, 3 specimens, 15–20 mm SL, Rottnest Island, WA, Australia; P.27136-015, 3 specimens, 21–25 mm SL, Victor Harbour, SA, Australia; P.27542-004, 18 mm SL, Port Davey, Tas.,

Australia; P.27543-015, 30 mm SL, Port Davey, Tas., Australia; P.27544-014, 4 specimens, 21–22 mm SL, Port Esperance, Tas., Australia; P.27546-012, 8 specimens, 13–22 mm SL, Esperance Point, Tas., Australia; P.27547-009, 6 specimens, 22–25 mm SL, Port Esperance, Tas., Australia; P.27549-015, 3 specimens, 22–23 mm SL, Port Arthur, Tas., Australia; P.27554-018, 4 specimens, 19–22 mm SL, Spring Bay, Tas., Australia; P.27555-011, 4 specimens, 19–20 mm SL, Saint Helens, Tas., Australia; P.27564-014, 4 specimens, 13–21 mm SL, Bridport, Tas., Australia; P.27616-033, 20 mm SL, Rottnest Island, WA, Australia; P.28293-033, 9 specimens, 15–22 mm SL, Lucky Bay, WA, Australia; P.28296-047, 6 specimens, 19–25 mm SL, Recherche Archipelago, WA, Australia; P.28297-026, 2 specimens, 12–22 mm SL, Lucky Bay, WA, Australia; P.28298-017, 21 mm SL, Lucky Bay, WA, Australia; P.28300-028, 3 specimens, 12–23 mm SL, Lucky Bay, WA, Australia.

REMARKS. The type description includes several errors: P.27543-005 should read P.27543-015; P.27547-007 should read P.27547-009; P.25570-022 should read P.25770-023 and P.28297-025 should read P.28297-026.

#### Xenisthmidae

*Xenisthmus chi* Gill and Hoese, 2004: 242, figure 1.

HOLOTYPE. P.28030-033, 21 mm SL, Rowley Shoals, WA, Australia.

PARATYPE. P.28030-041, 22 mm SL, Rowley Shoals, WA, Australia.

*Xenisthmus semicinctis* Gill and Hoese, 2004: 245, figure 3.

HOLOTYPE. P.28025-048, 19 mm SL, Rowley Shoals, WA, Australia.

PARATYPE. P.28025-068, 18 mm SL, Rowley Shoals, WA, Australia.

#### Gobioididae

*Gymnoamblyopus novaeguineae* Murdy and Ferraris, 2003: 2, figure 1.

HOLOTYPE. P.29823-001, 117 mm SL, Fly River, PNG.

#### Microdesmidae

*Aioliops tetrophthalmus* Rennis and Hoese, 1987: 79, figures 1, 15.

PARATYPES. P.28454-001, 2 specimens, 15–20 mm SL, Lizard Island, Qld (missing), Australia.

*Parioglossus marginalis* Rennis and Hoese, 1985: 179, figures 9, 23.

PARATYPES. P.28011-001, 3 specimens, 32–33 mm SL, Point Hacking, NSW, Australia.

*Pholidichthys anguis* Springer and Larson, 1996: 354, figures 1, 2, 3.

PARATYPE. P.31012-001, 3 specimens, Arafura Sea, NT, Australia.

*Ptereleotris monopectera* Randall and Hoese, 1985: 24, Plate 3 (figures c, d); figure 8.

PARATYPES. P.25236-017, 58 mm SL, Ambon Island, Indonesia; P.27077-002, 74 mm SL, Solitary Islands, NSW, Australia; P.28449-001, 84 mm SL, Society Islands, Pacific Ocean.

REMARKS. The type description includes an error: the measurement for paratype P.25236-017 is given as 580 mm SL, whereas it should read 58 mm SL.

#### Acanthuridae

*Acanthurus albipectoralis* Allen and Ayling, 1987: 15, figure 1.

PARATYPE. P.28537-001, 261 mm SL, Herald Cays, Qld, Australia

*Ctenochaetus cyanocheilus* Randall and Clements, 2001: 9, Plate 1b, 4c, d, e, f.

PARATYPES. P.27980-019, 155 mm SL, Monte Bello Islands, WA, Australia; P.31434-028, 67 mm SL, Ashmore Reef, WA, Australia.

*Ctenochaetus truncatus* Randall and Clements, 2001: 25, Plates 3c, 6f, g, h.

PARATYPE. P.25010-001, 152 mm SL, Christmas Island, Indian Ocean.

#### Siganidae

*Siganus trispilos* Woodland and Allen, 1977: 617, figure 1.

HOLOTYPE. P.25366-001, 155 mm SL, North West Cape, WA, Australia.

PARATYPE. P.25542-003, 152 mm SL, North West Cape, WA, Australia.

#### Trichiuridae

*Evoxymetopon anzac* Alexander, 1917: 104, Plate 7.

HOLOTYPE. P.352-001, 1415 mm SL, North Fremantle, WA, Australia.

SYNONYMY. This species is now known as *Assurger anzac*.

#### Scombridae

*Rastrelliger serventyi* Whitley, 1944a: 268.

HOLOTYPE. P.181-001, 270 mm SL, Port Hedland, WA, Australia.

REMARKS. The type description includes an error: P.18 should read P.181.

SYNONYMY. This name is a junior synonym of *Rastrelliger kanagurta* (Cuvier, 1816).

#### Bothidae

*Arnoglossus micrommatus* Amaoka, Arai and Gomon, 1997: 131, figure 1.

PARATYPES. P.28613-009, 2 specimens, 87–98 mm SL, King George Sound, WA, Australia.

*Asterorhombus osculus* Amaoka and Arai, 1998: 254, figure 4.

PARATYPES. P.25396-024, 5 specimens, 84–92 mm SL, Rowley Shoals, WA, Australia.

REMARKS. The type description includes an error: P.25396-010 should read P.25396-024.

SYNONYMY. This species is now known as *Engyprosopon osculus*.

#### Soleidae

*Aseraggodes crypticus* Randall and Allen, 2007: 110, figure 1.

HOLOTYPE. P.28990-020, 36 mm SL, Christmas Island, Indian Ocean.

PARATYPE. P.26103-016, 49 mm SL, Christmas Island, Indian Ocean.

REMARKS. The type description includes errors: the collection date for the holotype should read 20 June 1986 and paratypes P.26108-016 should read P.26103-016.

*Leptachirus alleni* Randall, 2007: 85, figure 2.

HOLOTYPE. P.29959-004, 71 mm SL, Bintuni River, West Papua, Indonesia.

PARATYPES. P.29959-015, 6 specimens, 57–82 mm SL, Bintuni River, West Papua, Indonesia.

*Leptachirus bensbach* Randall, 2007: 88, figure 3.

HOLOTYPE. P.27820-003, 69 mm SL, Bensbach River, Indonesia.

PARATYPES. P.27820-007, 67 mm SL; P.27822-004, 2 specimens, 76–96 mm SL; P.31342-004, 108 mm SL, all from Bensbach River, Indonesia.

REMARKS. The type description includes an error: paratypes P.31342-001 should read P.31342-004.

*Leptachirus kikori* Randall, 2007: 93, figure 5.

HOLOTYPE. P.31210-002, 72 mm SL, Kikori River, PNG.

PARATYPES. P.30977-020, 13 specimens, 24–58 mm SL, Kikori River, PNG; P.31210-018, 6 specimens, 27–43 mm SL, Kikori River, PNG.

*Leptachirus lorentz* Randall, 2007: 96, figure 7.

PARATYPE. P.32818-001, 74 mm SL, Lorentz River, West Papua, Indonesia.

*Leptachirus polylepsis* Randall, 2007: 99, figure 8.

PARATYPES. P.32819-001, 2 specimens, 51–58 mm SL, East Alligator River, NT, Australia; P.25895-002, 54 mm SL, South Alligator River, NT, Australia.

*Leptachirus robertsi* Randall, 2007: 102, figure 9.

PARATYPES. P.28150-010, 34 mm SL, Lower Fly River, PNG; P.28151-006, 3 specimens, 22–34 mm SL, Lower Fly River, PNG.

*Leptachirus triramus* Randall, 2007: 104, figure 10.

PARATYPES. P.20608-001, 4 specimens, 42–59 mm SL, Ord River, WA, Australia; P.30067-007, 4 specimens, 44–52 mm SL, Ord River, WA, Australia.

*Soleichthys serpenpellis* Munroe and Menke, 2004: 253, figures 2, 3.

PARATYPE. P. 5739-001, 100 mm SL, Dampier Archipelago, WA, Australia.

*Synaptura hediste* Mees, 1964b: 49, Plate 4.

HOLOTYPE. P.5532-001, 126 mm SL, Cheyne Head, WA, Australia.

PARATYPES. P.5533-001, 117 mm SL, Albany, WA, Australia; P.5534-001, 126 mm SL, St Vincent Gulf, SA, Australia.

### Cynoglossidae

*Cynoglossus broadhursti* Waite, 1905: 73, Plate 8 (figure 2).

SYNTYPES. P.13258-001, 255 mm SL, between Fremantle and Geraldton, WA, Australia.

REMARKS. Waite's description was based on five specimens sent to AMS from WAM (see section on Waite's types in Introduction). Three of these were retained at AMS (AMS I.7232 to I.7234) and the remaining two were returned to WAM. Only one of the latter, P.13258-001, could be located at WAM and the other is missing, presumed lost. The type locality given as "Carnarvon to the northward of Houtman's Abrolhos" was disputed by McKay (1965), who believed it to be Mandurah. However, the first registration of this syntype ("6814", in the Taxidermists Book) gives the locality as "Between Fremantle and Geraldton". Mandurah is mentioned in a subsequent entry in the *Catalogue of the Museum* (registration number "157"). In 1965, McKay reregistered the specimen as P.13258, recording Mandurah as the collection locality, apparently unaware of the earlier entry in the Taxidermists Book. As the syntype still has the original label attached to it with "6814" clearly visible, we recognise the region between Fremantle and Geraldton as the collection locality.

*Paraplagusia longirostris* Chapleau, Renaud and Kailola, 1991: 240, figure 1.

HOLOTYPE. P.29719-001, 206 mm SL, Joseph Bonaparte Gulf, WA, Australia.

PARATYPES. P.29719-002, 5 specimens (1 c/s), 202–243 mm SL, Joseph Bonaparte Gulf, WA,

Australia; P.29753-001, 7 specimens (1 c/s), 94–217 mm SL, Joseph Bonaparte Gulf, WA, Australia.

REMARKS. The type description includes an error: paratypes P.29719-001 should read P.29719-002.

*Paraplagusia sinerama* Chapleau and Renaud, 1993: 799, figure 1a.

PARATYPES. P.29719-004, 2 specimens, 173–207 mm SL, Joseph Bonaparte Gulf, WA, Australia.

REMARKS. The type description includes an error: paratypes P.29719-001 should read P.29719-004.

### Monacanthidae

*Chaetodermis maccullochi* Waite, 1905: 81, Plate 17.

HOLOTYPE. P.13260-001, 230 mm SL, Houtman Abrolhos, WA, Australia.

SYNONYMY. This name is a junior synonym of *Chaetodermis penicilligerus* (Cuvier, 1816).

*Colurodontis paxmani* Hutchins, 1977: 22, figure 7.

HOLOTYPE. P.15454-001, 120 mm SL, Shark Bay, WA, Australia.

PARATYPES. P.14871-001, 78 mm SL, Shark Bay, WA, Australia; P.15455-001, 118 mm SL, Shark Bay, WA, Australia; P.23242-001 to P.23252-001, 11 specimens, 12–16 mm SL, Monte Bello Islands, WA, Australia; P.24124-001 to P.24125-001, 2 specimens, 11–12 mm SL, Kendrew Island, WA, Australia; P.24126-001 to P.24127-001, 2 specimens, 13–14 mm SL, Kendrew Island, WA, Australia; P.25568-001, 2 specimens, 68–79 mm SL, Shark Bay, WA, Australia; P.25569-001, 8 specimens, 14–17 mm SL, Exmouth Gulf, WA, Australia; P.25570-001 (skin and skel.), 74 mm SL, Shark Bay, WA, Australia; P.25571-001, 42 mm SL, Shark Bay, WA, Australia; P.25572-001, 31 mm SL, Onslow, WA, Australia; P.25573-001, 87 mm SL, Woodman's Point, WA, Australia.

*Eubalichthys caeruleoguttatus* Hutchins, 1977: 28, figure 8.

HOLOTYPE. P.5204-001, 212 mm SL, Beagle Island, WA, Australia.

PARATYPES. P.9156-001, 129 mm SL, Shark Bay, WA, Australia; P.9157-001, 134 mm SL, Shark Bay, WA, Australia; P.9159-001, 115 mm SL, Exmouth Gulf, WA, Australia; P.11828-001 to P.11829-001, 2 specimens, 117–142 mm SL, Shark Bay, WA, Australia; 14845-001, 190 mm SL (skel.), Shark Bay, WA, Australia; P.14875-001, 115 mm SL, Exmouth Gulf, WA, Australia; P.14887-001, 100 mm SL, Exmouth Gulf, WA, Australia; P.22100-001, 253 mm SL, Cape Cuvier, WA, Australia; P.22310-001, 241 mm SL, Cape Cuvier, WA, Australia; P.25555-001, 35 mm SL, Houtman Abrolhos, WA, Australia; P.25556-001, 53 mm SL, Shark Bay, WA, Australia; P.25557-001, 131 mm SL, Carnarvon, WA, Australia;

P.25558-001, 5 specimens, 76–98 mm SL, Point Quobba, WA, Australia; P.25559-001, 44 mm SL, Shark Bay, WA, Australia; P.25579-001, 245 mm SL, Shark Bay, WA, Australia.

REMARKS. The type description includes an error: for the paratypes P.25558-001 there are 5 specimens, not 6.

*Eubalichthys cyanoura* Hutchins, 1987b: 51, figure 1.

HOLOTYPE. P.25762-001, 232 mm SL, Recherche Archipelago, WA, Australia.

PARATYPES. P.24841-001, 159 mm SL, Albany, WA, Australia; P.25998-001, 104 mm SL, Garden Island, WA, Australia; P.27137-001, 2 specimens, 138–238 mm SL, Yorke Peninsula, SA, Australia; P.28393-004, 156 mm SL, Geographe Bay, WA, Australia; P.28865-002, 299 mm SL, Safety Bay, WA, Australia.

*Eubalichthys fuscusinus* Hutchins, 1977: 33, figure 9.

HOLOTYPE. P.25580-001, 273 mm SL, Koks Island, WA, Australia.

PARATYPES. P.25579-002, 2 specimens, 231–253 mm SL

SYNONYMY. This name is a junior synonym of *Eubalichthys caeruleoguttatus* (Hutchins, 1977).

*Lalmohania velutina* Hutchins, 1994: 570, figure 2.

PARATYPE. P.30671-001 (c/s and skin), 55 mm SL, Kilakkari, India.

*Meuschenia flavolineata* Hutchins, 1977: 40, figure 11.

HOLOTYPE. P.25489-001, 233 mm SL, Rottneest Island, WA, Australia.

PARATYPES. P.9155-001, 144 mm SL, Irwin Point, WA, Australia; P.24514-001, 157 mm SL, Canal Rocks, WA, Australia; P.25150-008, 137 mm SL, Yallingup, WA, Australia; P.25173-001, 162 mm SL (skin and skel.), Rottneest Island, WA, Australia; P.25250-004, 176 mm SL, Rottneest Island, WA, Australia; P.25251-003, 2 specimens, 178–190 mm SL, Rottneest Island, WA, Australia; P.25252-002, 201 mm SL, Carnac Island, WA, Australia; P.25549-001, 81 mm SL, Woodman's Point, WA, Australia; P.25550-001, 48 mm SL, Augusta, WA, Australia; P.25551-001, 67 mm SL, Rottneest Island, WA, Australia; P.25553-001, 239 mm SL, Rottneest Island, WA, Australia.

*Meuschenia venusta* Hutchins, 1977: 45, figure 12.

HOLOTYPE. P.14881-001, 110 mm SL, Shark Bay, WA, Australia.

*Paramonacanthus arabicus* Hutchins, 1997: 9, figures 8, 9.

HOLOTYPE. P.31180-001, 67 mm SL, Arabian Gulf, Saudi Arabia.

PARATYPES. P.25977-010, 11 specimens, 33–69 mm SL, Bahrain; P.25979-003, 3 specimens, 50–68 mm SL, Qatar; P.25980-007, 2 specimens, 50–54 mm SL, Qatar; P.25988-007, 3 specimens, 55–60 mm SL, Bahrain; P.29813-001, 2 specimens (both c/s), 45–61 mm SL, Persian Gulf; P.31179-001, 3 specimens, 53–67 mm SL, Arabian Gulf, Saudi Arabia; P.31181-001, 14 specimens, 11–28 mm SL, Arabian Gulf, Saudi Arabia; P.31182-001, 2 specimens, 36–48 mm SL, Arabian Gulf, Saudi Arabia; P.31183-001, 3 specimens, 34–47 mm SL, Arabian Gulf, Saudi Arabia; P.31184-001, 7 specimens, 18–45 mm SL, Arabian Gulf, Saudi Arabia; P.31185-001, 54 mm SL, Arabian Gulf, Saudi Arabia; P.31186-001, 60 mm SL, Arabian Gulf, Saudi Arabia; P.31187-001, 74 mm SL, Arabian Gulf, Saudi Arabia.

*Paramonacanthus lowei* Hutchins, 1997: 30, figures 18, 19.

PARATYPE. P.29775-001 (c/s and skin), 43 mm SL, Manly Cove, NSW, Australia.

*Pervagor marginalis* Hutchins, 1986: 23, Plate 2a.

PARATYPE. P.28361-001, 50 mm SL, Marquesas Islands, Pacific Ocean.

*Pervagor randalli* Hutchins, 1986: 30, Plate 2d, e.

PARATYPES. P.28357-001, 48 mm SL, Gulf of Tadjoura, Yemen; P.28358-001 (c/s), 44 mm SL, Musha Island, Yemen.

*Pseudomonacanthus galii* Waite, 1905: 79, Plate 16.

HOLOTYPE. P.13259-001, 300 mm SL, Shark Bay, WA, Australia.

REMARKS. Although the label with this specimen states that it is "possibly type", there is little doubt it is the holotype. Its length matches that given in the type description, and the specimen closely resembles the illustration of the type. However, there are some discrepancies. The head and body proportions given in the description match neither the proportions of the specimen nor those of the type illustration. A comparison of the proportions with the SL yield the values given and it is likely that this was the body length used rather than TL as stated. The fin ray counts of this specimen match those visible in the type illustration with the exception of the pectoral count (12 vs 10 in the illustration). A further 15 specimens were examined (Hutchins and Smith 1991) and all had 12 pectoral rays. The low pectoral ray count in the type illustration was probably an error on the part of the artist.

SYNONYMY. This species is now known as *Meuschenia galii*.

*Rudarius excelsus* Hutchins, 1977: 49, figure 13.

PARATYPE. P.25603-001, 15 mm SL (c/s), Lindeman Island, Qld., Australia

## Tetraodontidae

*Canthigaster leoparda* Lubbock and Allen, 1979: 88, figures 1, 2.

PARATYPES. P.25239-010, 56 mm SL, Ambon Island, Indonesia; P.26116-003, 51 mm SL, Christmas Island, Indian Ocean.

*Canthigaster ocellincta* Allen and Randall, 1977: 485, figure 3b.

PARATYPE. P.25283-004, 28 mm SL, Suva, Fiji.

*Canthigaster pygmaea* Allen and Randall, 1977: 498, figure 15.

PARATYPES. P.25124-001, 36 mm SL, Eilat, Israel; P.25125-001, 2 specimens, 17–31 mm SL, Gulf of Aqaba, Red Sea.

*Canthigaster smithae* Allen and Randall, 1977: 489, figure 5c.

PARATYPE. P.25126-001, 50 mm SL, Flic en Flac, Mauritius (missing, presumed lost).

*Canthigaster tyleri* Allen and Randall, 1977: 497, figure 6c.

PARATYPE. P.25169-001, 58 mm SL, Ambon Island, Indonesia.

*Contusus brevicaudus* Hardy, 1981: 16, figure 3.

PARATYPES. P.21821-001, 147 mm SL, Wilson Inlet, WA, Australia; P.22203-001, 182 mm SL, Hardy Inlet, WA, Australia; P.25064-008, 75 mm SL, Hardy Inlet, WA, Australia; P.25183-001, 143 mm SL, Stokes Inlet, WA, Australia; P.25722-001, 185 mm SL, Mandurah, WA, Australia.

*Omegophora cyanopunctata* Hardy and Hutchins, 1981: 195, figure 2.

HOLOTYPE. P.26942-001, 123 mm SL, Cape Naturaliste, WA, Australia.

PARATYPES. P.5648-001, 121 mm SL, Middleton Beach, WA, Australia; P.24540-001, 87 mm SL, Carnac Island, WA, Australia; P.25763-001, 85 mm SL, Recherche Archipelago, WA, Australia; P.25769-001, 112 mm SL, Recherche Archipelago, WA, Australia; P.26003-004, 2 specimens, 79–86 mm SL, Recherche Archipelago, WA, Australia; P.26564-001, 133 mm SL, Cape Leeuwin, WA, Australia; P.26928-001, 120 mm SL, Busselton, WA, Australia.

*Torquigener pallimaculatus* Hardy, 1983b: 20, figure 8.

PARATYPES. P.13490-001, 92 mm SL, Exmouth Gulf, WA, Australia; P.13491-001, 133 mm SL, Exmouth Gulf, WA, Australia; P.22070-001, 123 mm SL, Rottnest Island, WA, Australia; P.23439-001 (skel.), 122 mm SL, Exmouth Gulf, WA, Australia; P.23440-001, 129 mm SL, Exmouth Gulf, WA, Australia; P.23799-001, 132 mm SL, Exmouth Gulf, WA, Australia; P.25095-026, 2

specimens, 99–118 mm SL, Exmouth Gulf, WA, Australia; P.26929-001, 2 specimens, 103–105 mm SL, Rottnest Island, WA, Australia; P.26293-002, 117 mm SL, eastern Indian Ocean, WA, Australia.

*Torquigener paxtoni* Hardy, 1983b: 17, figure 7.

HOLOTYPE. P.23298-001, 107 mm SL, Shark Bay, WA, Australia.

PARATYPES. P.13488-001, 91 mm SL, Shark Bay, WA, Australia; P.13489-001, 104 mm SL, Shark Bay, WA, Australia; P.23296-001, 59 mm SL, Shark Bay, WA, Australia; P.23297-001, 82 mm SL, Shark Bay, WA, Australia; P.23299-001, 110 mm SL, Shark Bay, WA, Australia; P.23300-001, 95 mm SL, Shark Bay, WA, Australia; P.23301-001, 90 mm SL, Shark Bay, WA, Australia; P.23302-001, 75 mm SL, Shark Bay, WA, Australia; P.23607-001, 84 mm SL, Carnarvon, WA, Australia; P.23608-001, 72 mm SL, Carnarvon, WA, Australia; P.23609-001, 76 mm SL, Carnarvon, WA, Australia; P.23610-001, 78 mm SL, Carnarvon, WA, Australia; P.26771-001 (skel.), 110 mm SL, Shark Bay, WA, Australia; P.26924-001, 9 specimens, 66–81 mm SL, Houtman Abrolhos, WA, Australia; P.26924-002, 88 mm SL, Houtman Abrolhos, WA, Australia; P.26925-001, 95 mm SL, Shark Bay, WA, Australia; P.26926-001, 90 mm SL, Rottnest Island, WA, Australia; P.26927-001, 94 mm SL, Shark Bay, WA, Australia.

*Torquigener piosae* Whitley, 1955: 56, figure 8.

PARATYPES. P.3681-001 to P.3686-001, Leighton, WA, Australia.

SYNONYMY. This species is now known as *Polyspina piosae*.

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