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## CATALOGUE OF THE FISHES OF LORD HOWE ISLAND.

By EDGAR R. WAITE, F.L.S., Zoologist.

My intention of publishing a Catalogue of the Fish Fauna of Lord Howe Island was, as already mentioned,<sup>1</sup> relinquished when Mr. J. D. Ogilby announced that he had the preparation of such a catalogue in view.<sup>2</sup> When leaving the State, however, he intimated to me that, in consequence thereof, he had abandoned the project, and suggested that I should undertake the work as previously contemplated.

It has been thought advisable to make the Catalogue more useful than a mere list of species; to this end I have given, under the heading of each species, the original name and reference; indicated where a figure may be found, and recorded the first mention of it as a member of the island fauna.

The names Foulis and Hill,<sup>3</sup> in brackets, refer to two papers on the island, in which certain fishes are mentioned by their vernacular names; not being authoritative as regards the subject, these references are merely indicated.

As some species are mentioned in the Proceedings of the Zoological Society of London, and also in the Australian Museum Memoir No. II., for the same year, I may state that the published date of the latter, though not specifically indicated, is 1st May, 1889. The fish catalogue, which was complete to date, contains eighty-eight species.

The list, as it now stands, numbers one hundred and eighty. The following are not included as their claims at present rest upon, the one circumstantial, the other, doubtful evidence.

*Dasyatis*, sp.

*Epinephelus punctatus*, Linnæus.

*Hippocampus hippocampus* Linnæus, is also withdrawn.

Representatives of the following genera have not been specifically determined.

*Atopichthys*.

*Hyporhamphus*.

*Canthidermis*.

*Symphurus*.

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<sup>1</sup> Waite—Rec. Aust. Mus., iii., 1900, p. 193.

<sup>2</sup> Ogilby—Proc. Linn. Soc. N.S. Wales, xxiii., 1898, p. 731.

<sup>3</sup> Foulis and Hill—See Bibliography.

An "unrecognisable Scopelid" may be considered as a representative of one of the within named species of Myctophidæ, and so removed from the undetermined list.

*Family* GALEIDÆ.

PRIONACE, *Cantor*, 1850.

1. PRIONACE GLAUCA, *Linnaeus*,

*Blue Shark.*

*Squalus glaucus*, *Linnaeus*, *Syst. Nat.*, (ed. x.), 1758, p. 235.

*Figure*—*Müller & Henle*, *Plagiostomen*, 1838, pl. xi.

*Recorded*—*Ogilby*, *Proc. Linn. Soc. N. S. Wales*, xxiii., 1899, p. 732.

CARCHARHINUS, *Blainville*, 1828.

2. CARCHARHINUS MENISORRAH, *Valenciennes*.

*School Shark.*

*Carcharias menisorrah*, *Valenciennes*, in *Mütler & Henle*, *Plagiostomen*. 1838, p. 46.

*Figure*—*Müller & Henle*, *loc. cit.*, pl. xvii.

*Recorded*—(? *Hill*); *Waite*, *Rec. Aust. Mus.*, v., 1904, p. 140.

*Family* ISISTIIDÆ.

ISISTIUS, *Gill*, 1864.

3. ISISTIUS BRASILIENSIS, *Quoy & Gaimard*.

*Scymnus brasiliensis*, *Quoy & Gaimard*, *Voy. "Uranie," Zool.*, 1824, p. 198.

*Figure*—*Garman*, *Mem. Mus. Comp. Zool. Harvard*, xxiv., 1899, pl. i., fig. 1, pls. ii. iii. and lxix., fig. 2.

*Recorded*—*Waite*, *Rec. Aust. Mus.*, iii., 1900, p. 195.

*Family* SILURIDÆ.

PLOTOSUS, *Lacépède*, 1803.

4 PLOTOSUS ANGUILLARIS, *Bloch*.

*Striped Cat-Fish.*

*Platystacus anguillaris*, *Bloch*, *Nat. ausl. Fische.*, viii., 1794, p. 61.

*Figure*—*Bleeker*, *Atl. Ichth.*, ii., 1863, pl. xcv., fig. 2.

*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 71.

Family ANGUILLIDÆ.

ANGUILLA, *Shaw*, 1804.

5. ANGUILLA AUSTRALIS, *Richardson*.

*Fresh-water Eel.*

*Anguilla australis*, *Richardson*, Proc. Zool. Soc., ix., 1841, p. 29.

*Figure*—*Richardson*, Voy. "Ereb. and Terr.," Fish., 1847, pl. xlv., figs. 1-6.

*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 72.

6. ANGUILLA REINHARDTII, *Steindachner*.

*Long-finned Eel.*

*Anguilla reinhardtii*, *Steindachner*, Sitzb. Akad. Wiss. Wien, lv., 1867, p. 15.

*Figure*—*Tenison Woods*, Fish. N.S. Wales, 1882, pl. xxxix., (as *A. australis*).

*Recorded*—*Waite*, Rec. Aust. Mus., iv., 1901, p. 36.

Family LEPTOCEPHALIDÆ.

LEPTOCEPHALUS, *Scopoli*, 1777.

7. LEPTOCEPHALUS CINEREUS, *Rüppell*.

*Conger Eel.*

*Conger cinereus*, *Rüppell*, Atlas Reise nord. Afrika, Fische, 1828, p. 115.

*Figure*—*Eydoux & Souleyet*, Voy. "Bonite," Poiss., 1841, pl. ix., fig. 1.

*Recorded*—*Waite*, Rec. Aust. Mus., iii., 1900, p. 197.

CONGRELLUS, *Ogilby*, 1898.

8. CONGRELLUS GILBERTI, *Ogilby*.

*Congrellus gilberti*, *Ogilby*, Proc. Linn. Soc. N.S. Wales, xxiii., 1898, p. 288.

*Figure*—None.

*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 72, (as *Congromurana mellissii*).

CONGERMURÆNA, *Kaup*, 1856.9. CONGERMURÆNA LONGICAUDA, *Ramsay & Ogilby*.

*Congromuræna longicauda*, *Ramsay & Ogilby*, Proc. Linn. Soc. N.S. Wales, (2), ii., 1888, p. 1022.

*Figure*—None.

*Recorded*—*Waite*, Rec. Aust. Mus., iii., 1900, p. 196.

## Family MYRIDÆ.

MURÆNICHTHYS, *Bleeker*, 1853.10. MURÆNICHTHYS NICHOLSÆ, *Waite*.

*Murænichthys nicholsæ*, *Waite*, Rec. Aust. Mus., v., 1904, p. 142.

*Figure*—*Waite*, *loc. cit.*, pl. xvii., fig. 1.

*Recorded*—*Waite*, *loc. cit.*

## Family OPHICHTHYIDÆ.

CALLECHELYS, *Kaup*, 1856.11. CALLECHELYS MELANOTENIA, *Bleeker*.

*Callechelys melanotaenia*, *Bleeker*, Atl. Ichth., iv., 1864, p. 66.

*Figure*—*Bleeker*, *loc. cit.*, pl. cxiii., fig. 2.

*Recorded*—*Waite*, Rec. Aust. Mus., v., 1903, p. 21.

BASCANICHTHYS, *Jordan & Davis*, 1892.12. BASCANICHTHYS PINGUIS, *Günther*.

*Ophichthys pinguis*, *Günther*, Cruise "Curaçoa," 1873, p. 430.

*Figure*—*Günther*, *loc. cit.*, pl. xxxv.

*Recorded*—*Waite*, Rec. Aust. Mus., v., 1903, p. 22.

OPHICHTHUS, *Thunberg & Ahl*, 1789.13. OPHICHTHUS VERSICOLOR, *Richardson*.

*Ophisurus versicolor*, *Richardson*, Voy. "Ereb. and Terr.," Fish., 1848, p. 103.

*Figure*—*Waite*, Rec. Aust. Mus., v., 1903, pl. iii., fig. 1.

*Recorded*—*Waite*, *loc. cit.*, p. 22.

Family MURÆNIDÆ.

Gymnothorax, Bloch, 1795.

14. GYMNOTHORAX THYRSOIDEA, Richardson.

*Muræna thyrsoidea*, Richardson, Voy. "Sulphur," Ichth., (1844), p. 111.

Figure—Bleeker, Atl. Ichth., iv., 1864, pl. cixxxxiii., fig. 3.

Recorded—Ogilby, Aust. Mus. Mem., ii., 1889, p. 72 (as *Muræna afra*); Waite, Rec. Aust. Mus., v., 1904, p. 144.

15. GYMNOTHORAX NUBILUS, Richardson.

*Muræna nubila*, Richardson, Voy. "Ereb. and Terr.," Fish, 1847, p. 81.

Figure—Richardson, *loc. cit.*, pl. xlvi., figs. 6-10.

Recorded—Waite, Rec. Aust. Mus., v., 1904, p. 145.

16. GYMNOTHORAX FLAVIMARGINATUS, Rüppell.

*Muræna flavimarginata*, Rüppell, Atlas Reise nord. Afrika, Fische, 1828, p. 119.

Figure—Rüppell, *loc. cit.*, pl. xxx., fig. 3.

Recorded—Waite, Rec. Aust. Mus., v., 1904, p. 145.

17. GYMNOTHORAX CHALAZIUS, Waite.

*Gymnothorax chalazius*, Waite, Rec. Aust. Mus., v., 1904, p. 145.

Figure—Waite, *loc. cit.*, pl. xvii., fig. 2.

Recorded—Waite, *loc. cit.*

ECHIDNA, Forster, 1788.

18. ECHIDNA NEBULOSA, Thunberg & Ahl.

*Painted Eel.*

*Muræna nebulosa*, Thunberg & Ahl, De Muræna, 1789, p. 7.

Figure—Bleeker, Atl. Ichth., iv., 1864, pl. clxviii., fig. 2.

Recorded—Ogilby, Aust. Mus. Mem., ii., 1889, p. 72.

## Family CLUPEIDÆ.

SPRATELLOIDES, *Bleeker*, 1852.19. SPRATELLOIDES GRACILIS, *Temminck & Schlegel*.*Sandy Sprat.**Clupea gracilis*, *Temminck & Schlegel*, Fauna Japon., Pisces, 1846, p. 238.*Figure*—*Temminck & Schlegel*, *loc. cit.*, pl. cviii., fig. 2.*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 72.

## Family GONORHYNCHIDÆ.

GONORHYNCHUS, *Cuvier*, 1817.20. GONORHYNCHUS GONORHYNCHUS, *Linnaeus*.*Sand Shark.**Cyprinus gonorynchus*, *Linnaeus*, Syst. Nat., (ed. xii.), i., 1766, p. 528.*Figure*—*Richardson*, Voy. "Ereb. and Terr.", Fish., 1848, pl. xxix., figs. 1-6.*Recorded*—*Ogilby*, Aust. Mus. Mem. ii., 1889, p. 72.

## Family SYNODONTIDÆ.

SYNODUS, *Bloch & Schneider*, 1801.21. SYNODUS VARIUS, *Lacépède*.*Salmo varius*, *Lacépède*, Hist. Nat. Poiss., v., 1803, p. 224.*Figure*—*Temminck & Schlegel*, Fauna Japon., Pisces, 1846, pl. cvi., fig. 1.*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 71.TRACHINOCEPHALUS, *Gill*, 1851.22. TRACHINOCEPHALUS MYOPS, *Forster*.*Salmo myops*, *Forster*, in *Bloch & Schneider*, Syst. Ichth., 1801, p. 421.*Figure*—*Temminck & Schlegel*, Fauna Japon., Pisces, 1846, pl. cvi., fig. 2.*Recorded*—*Waite*, Rec. Aust. Mus., v., 1904, p. 148.

Family MYCTOPHIDÆ.

ÆTHOPRORA, *Goode & Bean*, 1895.

23. ÆTHOPRORA PERSPICILLATA, *Ogilby*.

*Æthoprora perspicillata*, *Ogilby*, Proc. Linn. Soc. N.S. Wales, xxiii., 1898, p. 36.

*Figure*—*Waite*, Rec. Aust. Mus., v., 1904, pl. xviii., fig. 1.

*Recorded*—*Ogilby*, *loc. cit.*

NOTOSCOPELUS, *Günther*, 1864.

24. NOTOSCOPELUS EJECTUS, *Waite*.

*Notoscopelus ejectus*, *Waite*, Rec. Aust. Mus., v., 1904, p. 150.

*Figure*—*Waite*, *loc. cit.*, pl. xviii., fig. 2.

*Recorded*—*Waite*, *loc. cit.*

MYCTOPHUM, *Rafinesque*, 1810.

25. MYCTOPHUM PHENGODES, *Lütken*.

*Scopelus phengodes*, *Lütken*, Spolia Atlantica, ii., 1822, p. 253.

*Figure*—*Lütken*, *loc. cit.*, fig. 11.

*Recorded*—*Waite*, Rec. Aust. Mus., v., 1904, p. 152.

26 MYCTOPHUM OPALINUM, *Goode & Bean*.

*Myctophum opalinum*, *Goode & Bean*, Oceanic Ichth., 1895, p. 72.

*Figure*—*Goode & Bean*, *loc. cit.*, fig. 81.

*Recorded*—*Waite*, Rec. Aust. Mus., v., 1904, p. 153.

27. MYCTOPHUM HYGOMII, *Lütken*.

*Scopelus hygomii*, *Lütken*, Spolia Atlantica, ii., 1892, p. 256.

*Figure*—*Lütken*, *loc. cit.*, fig. 15.

*Recorded*—*Waite*, Rec. Aust. Mus., v., 1904, p. 153.



28. MYCTOPHUM REINHARDTII, *Lütken*.

*Scopelus reinhardtii*, Lütken, *Spolia Atlantica*, ii., 1892, p. 257.

*Figure*—Lütken, *loc. cit.*, fig. 16.

*Recorded*—Waite, *Rec. Aust. Mus.*, v., 1904, p. 154.

DASYSCOPELUS, *Günther*, 186429. DASYSCOPELUS NAUFRAGUS, *Waite*.

*Dasy Scopelus naufragus*, Waite, *Rec. Aust. Mus.*, v., 1904, p. 154.

*Figure*—Waite, *loc. cit.* pl. xviii., fig. 3.

*Recorded*—Waite, *loc. cit.*

*Family* STERNOPTYCHIDÆ.STERNOPTYCHIDES, *Ogilby*, 1888.30. STERNOPTYCHIDES AMABILIS, *Ogilby*.

*Sternoptychides amabilis*, Ogilby, *Proc. Linn. Soc. N.S. Wales*, (2), iii., 1888, p. 1313.

*Figure*—None.

*Recorded*—Ogilby, *loc. cit.*

*Family* HEMIRAMPHIDÆ.HYPORHAMPHUS, *Gill*, 1859.31. HYPORHAMPHUS INTERMEDIUS, *Cantor*.

*Gar-fish*.

*Hemiramphus intermedius*, Cantor, *Ann. Nat. Hist.* ix., 1842, p. 485.

*Figure*—McCoy, *Prod. Zool. Viet.*, dec. xiv., 1887, pl. cxxxv., fig. 1.

*Recorded*—(Foulis); Ogilby, *Aust. Mus. Mem.*, ii, 1889, p. 71.

EULEPTORHAMPHUS, *Gill*, 1859.32. EULEPTORHAMPHUS LONGIROSTRIS, *Cuvier*.

*Hemiramphus longirostris*, Cuvier, *Règne Anim.*, (ed. 2), ii., 1829, p. 286.

*Figure*—Valenciennes in Cuvier, *Règne Anim.*, Ill. Poiss., 1850, pl. xcviii., fig. 2.

*Recorded*—Waite, *Rec. Aust. Mus.*, v., 1903, p. 24.

Family SCOMBRESOCIDÆ.

SCOMBRESOX, *Lacépède*, 1803.

33. SCOMBRESOX FORSTERI, *Cuvier & Valenciennes*.

*Bill-fish.*

*Scombresox forsteri*, *Cuvier & Valenciennes*, *Hist. Nat. Poiss.*, xviii., 1846, p. 148.

*Figure*—*McCoy*, *Prod. Zool. Vict.*, dec. xiv, 1887, pl. cxxxv., fig. 2.

*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 71.

Family EXOCETIDÆ.

EXONAUTES, *Jordan & Evermann*, 1896.

34. EXONAUTES RONDELETII, *Cuvier & Valenciennes*.

*Flying Fish.*

*Exocetus rondeletii*, *Cuvier & Valenciennes*, *Hist. Nat. Poiss.*, xix., 1846, p. 115.

*Figure*—*Cuvier & Valenciennes*, *loc. cit.*, pl. dlxii.

*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 71 (as *Exocetus dovii*); *Waite*, *Rec. Aust. Mus.*, v., 1904, p. 156.

Family AULOSTOMIDÆ.

AULOSTOMUS, *Lacépède*, 1803.

35. AULOSTOMUS CHINENSIS, *Linnaeus*.

*Trumpet Fish.*

*Fistularia chinensis*, *Linnaeus*, *Syst. Nat.*, (ed. xii.), i., 1766, p. 515.

*Figure*—*Günther*, *Fische Südsee*, vii., 1881, pl. cxxiii., figs. B and C.

*Recorded*—*Waite*, *Rec. Aust. Mus.*, iii., 1900, p. 198.

Family FISTULARIIDÆ.

FISTULARIA, *Linnaeus*, 1758.

36. FISTULARIA DEPRESSA, *Günther*,

*Flute Mouth.*

*Fistularia depressa*, *Günther*, *Chall. Rep. Zool.*, i., 1880, *Shore Fishes*, p. 69.

*Figure*—*Günther*, *loc. cit.*, pl. xxxii, fig. D.

*Recorded*—*Waite*, "Thetis" *Prelim. Report*, 1898, p. 61.

## Family MACRORHAMPHOSIDÆ.

MACRORHAMPHOSUS, *Lacépède*, 1803.37. MACRORHAMPHOSUS GRACILIS, *Lowe*.*Little Bellows Fish.**Centriscus gracilis*, *Lowe*, Proc. Zool. Soc., vii., 1839, p. 86.*Figure*—*Waite*, Aust. Mus. Mem., iv., 1899, pl. vii., fig. 2.*Recorded*—*Waite*, Rec. Aust. Mus., iii., 1900, p. 199.

## Family SYNGNATHIDÆ.

SOLEGNATHUS, *Swainson*, 1839.38. SOLEGNATHUS SPINOSISSIMUS, *Günther*.*Spiny Sea-Horse.**Solenognathus spinosissimus*, *Günther*, Brit. Mus. Cat. Fish, viii., 1870, p. 195.*Figure*—*Waite*, Proc. Linn. Soc. N.S. Wales, (2), ix., 1894, p. 222, pl. xvii., figs. 5 and 8.*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 72.HIPPOCAMPUS, *Rafinesque*, 1810.39. HIPPOCAMPUS PUNCTULATUS, *Guichenot*.*Sea-Horse.**Hippocampus punctulatus*, *Guichenot*, in R. de la Sagra, Hist. Cuba, Poiss., 1853, p. 174.*Figure*—*Guichenot*, *loc. cit.*, pl. v, fig. 2.*Recorded*—*Ogilby*, Proc. Linn. Soc. N.S. Wales, (2), xxiii., 1899, p. 732.40. HIPPOCAMPUS ABDOMINALIS, *Lesson*.*Sea-Horse.**Hippocampus abdominalis*, *Lesson*, in Férussac, Bull. Sci. Nat. et Géol., xi., 1827, p. 127.*Figure*—*Lesson*, Voy. "Coquille," Zool., ii., 1829, p. 125, fig. 4.*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 72.

*Family* ATHERINIDÆ.

ATHERINA, *Linnaeus*, 1758.

41. ATHERINA LACUNOSA, *Forster*.

*Hardyhead.*

*Atherina lacunosa*, Forster, in Bloch & Schneider, Syst. Ichth., 1801, p. 112.

*Figure*—Günther, Fische Südsee, vi., 1877, pl. cxviii, fig. E.

*Recorded*—Waite, "Thetis" Prelim. Report, 1898, p. 60.

*Family* MUGILIDÆ.

MUGIL, *Linnaeus*, 1758,

42. MUGIL DOBULA, *Günther*.

*Mullet.*

*Mugil dobula*, Günther, Cat. Fish. Brit. Mus., iii., 1861, p. 420.

*Figure*—Günther, Fische Südsee, vi., 1877, pl. cxx., fig. A.

*Recorded*—Waite, "Thetis" Prelim. Report, 1898, p. 60.

MYXUS, *Günther*, 1861.

43. MYXUS ELONGATUS, *Günther*.

*Sand Mullet.*

*Myxus elongatus*, Günther, Cat. Fish. Brit. Mus., iii., 1861, p. 466.

*Figure*—Waite, "Thetis" Prelim. Report 1898, pl. xii.

*Recorded*—(Foulis); Ogilby, Aust. Mus. Mem., ii., 1889, p. 63.

*Family* HOWELLIDÆ.

HOWELLA, *Ogilby*, 1899

44. HOWELLA BRODIEI, *Ogilby*.

*Howella brodiei*, Ogilby, Proc. Linn. Soc. N.S. Wales, xxiii., 1899, p. 735.

*Figure*—Waite, Rec. Aust. Mus., v., 1904, pl. xviii., fig. 4.

*Recorded*—Ogilby, *loc. cit.*

## Family MULLIDÆ.

UPENEUS, *Cuvier*, 1829.45. UPENEUS SIGNATUS, *Günther*.*Red Mullet.**Upeneus signatus*, *Günther*, *Ann. Nat. Hist.*, (3), 1867, xx., p. 59.*Figure*—*Ogilby*, *Edib. Fish. N.S. Wales*, 1893, pl. xi.*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 56.46. UPENEUS PLEUROSTIGMA, *Bennett*.*Upeneus pleurostigma*, *Bennett*, *Proc. Zool. Soc.*, i., 1830, p. 59.*Figure*—*Waite*, *Rec. Aust. Mus.*, iv., 1901, pl. v.*Recorded*—*Waite*, *loc. cit.*, p. 37.

## Family GEMPYLIDÆ.

XENOGRAMMA, *Waite*, 1904.47. XENOGRAMMA CARINATUM, *Waite*.*Xenogramma carinatum*, *Waite*, *Rec. Aust. Mus.*, v., 1904, p. 158.*Figure*—*Waite*, *loc. cit.*, pl. xix., fig. 1.*Recorded*—*Waite*, *loc. cit.*MACHÆROPE, *Ogilby*, 1899.48. MACHÆROPE LATISPINIS, *Ogilby*.*Dagger Fish.**Machærope latispinis*, *Ogilby*, *Proc. Linn. Soc. N.S. Wales*, xxiii., 1899, p. 737.*Figure*—*Waite*, *Rec. Aust. Mus.*, v., 1903, pl. iv., fig. 2.*Recorded*—*Ogilby*, *loc. cit.*GEMPYLUS, *Cuvier*, 1829.49. GEMPYLUS SERPENS, *Cuvier & Valenciennes*.*Gempylus serpens*, *Cuvier & Valenciennes*, *Hist. Nat. Poiss.*, viii., 1831, p. 207.*Figure*—*Valenciennes*, in *Cuvier Règne Anim.*, Ill. Poiss., 1850, pl. xlix., fig. 2.*Recorded*—*Waite*, *Rec. Aust. Mus.*, iii., 1900, p. 199.

Family CARANGIDÆ.

SERIOLA, *Cuvier*, 1817.

50. SERIOLA LALANDI, *Cuvier & Valenciennes*.

*King Fish.*

*Seriola lalandi*, *Cuvier & Valenciennes*, *Hist. Nat. Poiss.*, ix., 1833, p. 208.

*Figure*—McCoy, *Prod. Zool. Vict.*, dec. xviii., 1889, pl. clxxii.

*Recorded*—(Foulis); *Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 61.

DECAPTERUS, *Bleeker*, 1855.

51. DECAPTERUS SANCTÆ-HELENÆ, *Cuvier & Valenciennes*.

*Caranx sanctæ-helenæ*, *Cuvier & Valenciennes*, *Hist. Nat. Poiss.*, ix., 1833, p. 37.

*Figure*—Steindachner & Döderlein, *Fische Japans*, iii., 1884, pl. iv., fig. 1.

*Recorded*—*Waite*, *Rec. Aust. Mus.*, iii., 1900, p. 200.

CARANX, *Lacépède*, 1802.

52. CARANX GEORGIANUS, *Cuvier & Valenciennes*.

*Trevally.*

*Caranx georgianus*, *Cuvier & Valenciennes*, *Hist. Nat. Poiss.*, ix., 1833, p. 85.

*Figure*—*Richardson*, *Voy. "Ereb. and Terr."* *Fish*, 1848, pl. lviii., figs. 1-3.

*Recorded*—(Hill); *Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 61.

TRACHINOTUS, *Lacépède*, 1802.

53. TRACHINOTUS RUSSELLII, *Cuvier & Valenciennes*.

*Dart.*

*Trachinotus russelii*, *Cuvier & Valenciennes*, *Hist. Nat. Poiss.*, viii., 1831, p. 436.

*Figure*—*Day*, *Fish. India*, 1876, pl. li. B, fig. 3.

*Recorded*—*Ogilby*, *Edib. Fish. N.S. Wales*, 1893, p. 90.

54. TRACHINOTUS BAILLONII, *Lacépède*.

*Casiomorus baillonii*, Lacépède, Hist. Nat. Poiss., iii., 1802, p. 93.

*Figure*—Day, Fish. India, 1876, pl. li. A, fig. 4.

*Recorded*—Waite, Rec. Aust. Mus., v., 1903, p. 25.

BATHYSTETHUS, *Gill*, 1893.55. BATHYSTETHUS CULTRATUS, *Forster*.

*Herring*.

*Sciæna cultrata*, Forster in Bloch & Schneider, Syst. Ichth., 1801, p. 343.

*Figure*—Waite, Rec. Aust. Mus., v., 1904, pl. xix, fig. 2.

*Recorded*—Ogilby, Proc. Zool. Soc., 1889, p. 157.

*Family* BRAMIDÆ.BRAMA, *Bloch & Schneider*, 1801.56. BRAMA RAI, *Bloch*.

*Sparus raii*, Bloch, Nat. ausl. Fische, v., 1791, p. 95.

*Figure*—Day, Fish. Gt. Brit. & Irel., i., 1881, pl. xli.

*Recorded*—Waite, Rec. Aust. Mus., iii., 1900, p. 200.

*Family* STROMATEIDÆ.NOMEUS, *Cuvier*, 1817.57. NOMEUS GRONOVII, *Gmelin*.

*Portuguese Man-of-War Fish*.

*Gobius gronovii*, Gmelin, Syst. Nat., ed. xiii., i., 1788, p. 1205.

*Figure*—Valenciennes in Cuvier, Ill. Poiss., 1850, pl. lvi., fig. 2.

*Recorded*—Waite, Rec. Aust. Mus., iv., 1901, p. 39.

CUBICEPS, *Lowe*, 1843.58. CUBICEPS GRACILIS, *Lowe*.

*Seriola gracilis*, Lowe, Proc. Zool. Soc., xi., 1843, p. 82.

*Figure*—Günther, Chall. Rep., Zool., xxxi., 1889, Pelagic Fishes, pl. ii., figs. A-C.

*Recorded*—Waite, Rec. Aust. Mus., v., 1904, p. 162.

SCHEDOPHILUS, *Cocco*, 1834.

59. SCHEDOPHILUS MACULATUS. *Günther*.

*Raft Fish.*

*Schedophilus maculatus*, *Günther*, Cat. Fish. Brit. Mus., ii., 1860, p. 412.

*Figure*—*Waite*, Rec. Aust. Mus., v., 1904, pl. xx, fig. 1.

*Recorded*—*Waite*, Proc. Linn. Soc. N.S. Wales, (2), ix., 1894, p. 219.

*Family* TETRAGONURIDÆ.

TETRAGONURUS, *Risso*, 1810.

60. TETRAGONURUS CUVIERI, *Risso*.

*Square-tail.*

*Tetragonurus cuvieri*, *Risso*, Ichth. Nice, 1810, p. 347.

*Figure*—*Lowe*, Fish. Madeira, 1860, pl. xix.

*Recorded*—*Macleay*, Proc. Linn. Soc. N.S. Wales, x., 1886, p. 718.

*Family* PEMPHERIDÆ.

PARAPRIACANTHUS, *Steindachner*, 1870.

61. PARAPRIACANTHUS UNWINI, *Ogilby*.

*Unwini.*

*Pempheris unwini*, *Ogilby*, Mem. Aust. Mus., ii., 1889, p. 60.

*Figure*—*Ogilby*, loc. cit., pl. iii., fig. 1.

*Recorded*—*Ogilby*, loc. cit.

*Family* KUHLIIDÆ.

KUHLIA, *Gill*, 1861.

62. KUHLIA TENIURA, *Cuvier & Valenciennes*.

*Flagtail.*

*Dules teniurus*, *Cuvier & Valenciennes*, Hist. Nat. Poiss., iii., 1829, p. 114.

*Figure*—*Günther*, Fische Südsee, i., 1873, pl. xix., fig. C.

*Recorded*—*Waite*, Proc. Linn. Soc. N.S. Wales, (2), ix., 1894, p. 217.



*Family CHEILODIPTERIDÆ.*APOGON, *Lacépède*, 1802.63. APOGON NORFOLCENSIS, *Ogilby*,*Big-Eye.**Apogon norfolcensis*, *Ogilby*, Proc. Linn. Soc. N.S. Wales, (2), ii, 1888, p. 990.*Figure*—*Waite*, Rec. Aust. Mus., iv., 1901, pl. vi.*Recorded*—*Ogilby*, *loc. cit.*, p. 992.64. APOGON CHRYSURUS, *Ogilby*.*Apogon chrysurus*, *Ogilby*, Aust. Mus. Mem., ii., 1889, p. 54.*Figure*—*Waite*, Rec. Aust. Mus., v., 1904, pl. xx., fig. 2.*Recorded*—*Ogilby*, *loc. cit.**Family SERRANIDÆ.*ACANTHISTIUS, *Gill*, 1862.65. ACANTHISTIUS CINCTUS, *Günther*.*Banded Sea Perch.**Plectropoma cinctum*, *Günther*, Cat. Fish. Brit. Mus., i., 1859, p. 162.*Figure*—*Boulenger*, Cat. Fish. Brit. Mus., (ed. 2), i., 1895, pl. i.*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 53.TRACHYPOMA, *Günther*, 1859.66. TRACHYPOMA MACRACANTHUS, *Günther*.*Red Rock Cod.**Trachypoma macracanthus*, *Günther*, Cat. Fish. Brit. Mus., i., 1859, p. 167.*Figure*—*Boulenger*, Cat. Fish. Brit. Mus., (ed. 2), i., 1895, pl. ii.*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 54.

EPINEPHELUS, *Bloch*, 1793.

67. EPINEPHELUS DEMELII, *Günther*.

*Black Rock Cod.*

*Serranus demelii*, Günther, Ann. Mag. Nat. Hist., (4), xvii., 1876, p. 391.

*Figure*—Boulenger, Cat. Fish. Brit. Mus., (ed. 2), i., 1895, pl. vii.

*Recorded*—(Foullis); Ogilby, Aust. Mus. Mem., ii., 1889, p. 53.

68. EPINEPHELUS RHYNCHOLEPIS, *Bleeker*.

*Serranus rhyncholepis*, Bleeker, Nat. Tijd. Ned. Ind., iii., 1852, p. 749.

*Figure*—Bleeker, Atl. Ichth., vii., 1875, pl. cclxxxvi., fig. 2, (1872).

*Recorded*—Waite, Rec. Aust. Mus., v., 1904, p. 165.

69. EPINEPHELUS FASCIATUS, *Forskål*.

*Perca fasciata*, Forskål, Desc. Anim., 1775, p. 40.

*Figure*—Bleeker, Atl. Ichth., vii., 1875, pl. ccxxxvi., fig. 3.

*Recorded*—Waite, Rec. Aust. Mus., iii., 1900, p. 209.

70. EPINEPHELUS MERRA, *Bloch*.

*Rock Cod.*

*Epinephelus merra*, Bloch, Nat. ausl. Fische, vii., 1793, p. 17.

*Figure*—Günther, Fische Südsee, i., 1873, pl. vii.

*Recorded*—Ogilby, Proc. Linn. Soc. N.S. Wales, xxiii., 1899, p. 730.

71. EPINEPHELUS FUSCOGUTTATUS, *Rüppell*.

*Serranus fuscoguttatus*, Rüppell, Atl. Reise nord. Afrika, Fische, 1828, p. 108.

*Figure*—Rüppell, *loc. cit.*, pl. xxvii., fig. 2.

*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 53.

PSEUDANTHIAS, *Bleeker*, 1872.72. PSEUDANTHIAS HYPSELOSOMA, *Bleeker*.

*Pseudanthias hypselosoma*, *Bleeker*, Arch. Neerl., xiii., 1878, p. 58.

*Figure*—*Bleeker*, *loc. cit.*, pl. ii., fig. 2.

*Recorded*—*Ogilby*, Proc. Zool. Soc., 1889, p. 151 (*Anthias cichlops*)

PLESIOPS, *Cuvier*, 1817.73. PLESIOPS NIGRICANS, *Rüppell*.

*Pharopteryx nigricans*, *Rüppell*, Atl. Reise nord. Afrika, Fische, 1828, p. 15.

*Figure*—*Günther*, Fische Südsee, iii., 1874, pl. lviii., fig. B.

*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 60.

## Family MALACANTHIDÆ.

MALACANTHUS, *Cuvier*, 1829.74. MALACANTHUS HOEDTII, *Bleeker*.

*Malacanthus hoedtii*, *Bleeker*, Act. Soc. Sci. Indo. Neerl., vi., 1859, p. 18.

*Figure*—*Günther*, Fische Südsee, v., 1876, pl. xxviii., fig. B.

*Recorded*—*Ogilby*, Proc. Linn. Soc. N.S. Wales, xxiii., 1899, p. 741.

## Family ARRIPIDIDÆ.

ARRIPIS, *Jenyns*, 1840.75. ARRIPIS TRUTTA, *Forster*.*Salmon*.

*Sciaena trutta*, *Forster* in *Bloch & Schneider*, Syst. Ichth., 1801, p. 542.

*Figure*—*McCoy*, Prod. Zool. Vict., dec. ii., 1878, pls. xvi. xvii.

*Recorded*—(*Foulis*); *Ogilby*, Aust. Mus. Mem., ii., 1889, p. 54.

Family LUTIANIDÆ.

GENYOROGE, *Cantor*, 1850.

76. GENYOROGE BENGALENSIS, *Bloch*.

*Holocentrus bengalensis*, *Bloch*, *Nat. ausl. Fische*, iv., 1790, p. 102.

*Figure*—*Bleeker*, *Atl. Ichth.*, viii., 1877, pl. cccxxxiii., fig. 4, (1875).

*Recorded*—*Waite*, *Rec. Aust. Mus.*, v., 1904, p. 166.

Family HÆMULIDÆ.

TERAPON, *Cuvier*, 1817.

77. TERAPON JARBUA, *Forsskal*.

*Sciena jarbua*, *Forsskal*, *Descr. Anim.*, 1775, p. 50.

*Figure*—*Bleeker*, *Atl. Ichth.*, vii., 1876, pl. cccxii., fig. 2, (1872).

*Recorded*—*Waite*, *Rec. Aust. Mus.*, iii., 1900, p. 200.

Family SPARIDÆ.

PAGROSOMUS, *Gill*, 1893.

78. PAGROSOMUS AURATUS, *Forster*.

*Sydney Schnapper*.

*Sciena aurata*, *Forster* in *Bloch & Schneider*, *Syst. Ichth.*, 1801, p. 266.

*Figure*—*Tenison Woods*, *Fish. N. S. Wales*, 1882, Frontispiece.

*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 58.

LETHRINUS, *Cuvier*, 1829.

79. LETHRINUS OPERCULARIS, *Cuvier & Valenciennes*.

*Schnapper*.

*Lethrinus opercularis*, *Cuvier & Valenciennes*, *Hist. Nat. Poiss.*, vi, 1830, p. 289.

*Figure*—*Bleeker*, *Atl. Ichth.*, viii., 1877, pl. cccxxxv., fig. 5, (1875).

*Recorded*.—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 58.

## Family KYPHOSIDÆ.

GIRELLA, Gray, 1835 (?).

## 80. GIRELLA CYANEA, Macleay.

*Blue Fish.**Girella cyanea*, Macleay, Proc. Linn. Soc. N. S. Wales, v., 1881, p. 409.*Figure*—Waite, Rec. Aust. Mus., v., 1904, pl. xx., fig. 3.*Recorded*—(Foulis); Ogilby, Aust. Mus. Mem., ii., 1889, p. 56.

CÆSIOSOMA, Kaup, 1863.

## 81. CÆSIOSOMA EQUIPINNIS, Richardson.

*Hard-bellied Blue Fish.**Scorpiæ equipinnis*, Richardson, Voy. "Ereb. and Terr.", Fish., 1848, p. 121.*Figure*—Kner, Reise Novara, Fische, 1869, pl. v., fig. 3.*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 56.

ATYPICHTHYS, Günther, 1862.

## 82. ATYPICHTHYS STRIGATUS, Günther.

*Leather Jacket.**Atypus strigatus*, Günther, Cat. Fish. Brit. Mus., ii., 1860, p. 64.*Figure*—Steindachner, Sitzb. Akad. Wiss. Wien, liii., 1866, pl. iv., fig. 2.*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 56.

## Family SILLAGINIDÆ.

SILLAGO, Cuvier, 1817.

## 83. SILLAGO CILIATA, Cuvier &amp; Valenciennes.

*Whiting.**Sillago ciliata*, Cuvier & Valenciennes, Hist. Nat. Poiss., iii., 1829, p. 415.*Figure*—McCoy, Prod. Zool. Vict., dec. xix., 1889, pl. clxxxii.*Recorded*—Waite, Rec. Aust. Mus., iv., 1901, p. 47.

Family CIRRHITIDÆ.

CIRRHITICHTHYS, Bleeker, 1857.

84. CIRRHITICHTHYS SPLENDENS, Ogilby.

*Cirrhitichthys splendens*, Ogilby, Aust. Mus. Mem., ii., 1889,  
p. 58.

Figure—Ogilby, *loc. cit.*, pl. ii.

Recorded—Ogilby, *loc. cit.*

Family APLODACTYLIDÆ.

APLODACTYLUS, Cuvier & Valenciennes, 1831.

85. APLODACTYLUS ETHERIDGII, Ogilby.

*Turtle Head.*

*Haplodactylus etheridgii*, Ogilby, Mem. Aust. Mus., ii., 1889,  
p. 57.

Figure—Waite, Rec. Aust. Mus., v., 1904, pl. xxi.

Recorded—Ogilby, *loc. cit.*

CHIRONEMUS, Cuvier, 1829.

86. CHIRONEMUS MARMORATUS, Günther.

*Kelp Fish.*

*Chironemus marmoratus*, Günther, Cat. Fish. Brit. Mus., ii.,  
1860, p. 76.

Figure—Ogilby, Edib. Fish. N. S. Wales, 1893, pl. xvii.

Recorded—Ogilby, *loc. cit.*, p. 55.

GONIISTIUS, Gill, 1862.

87. GONIISTIUS GIBBOSUS, Richardson.

*Banded Morwong.*

*Cheilodactylus gibbosus*, Richardson, Trans. Zool. Soc., iii.,  
1849, p. 102.

Figure—Günther, Fische Südsee, iii., 1874, pl. li., fig. B.

Recorded—Ogilby, Aust. Mus. Mem., ii., 1889, p. 59.

*Family* POMACENTRIDÆ.AMPHIPRION, *Bloch & Schneider*, 1801.88. AMPHIPRION MELANOPUS, *Bleeker*.*Amphiprion melanopus*, *Bleeker*, *Nat. Tijds.*, iii., 1852, p. 561, (Amboina ii.).*Figure*—*Bleeker*, *Atl. Ichth.*, ix., 1877, pl. cccci., fig. 7.*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 64.89. AMPHIPRION LATEZONATUS, *Waite*.*Amphiprion latezonatus*, *Waite*, *Rec. Aust. Mus.*, iii., 1900, p. 201.*Figure*—*Waite*, *loc. cit.*, pl. xxxiv.*Recorded*—*Waite*, *loc. cit.*CHROMIS, *Cuvier*, 1815.90. CHROMIS HYPHILEPIS, *Günther*.*Heliastes hyphilepis*, *Günther*, *Ann. Mag. Nat. Hist.*, (3), xx., 1867, p. 66.*Figure*—(?) *Waite*, *Aust. Mus. Mem.*, iv., 1899, pl. xiv. (*Heliastes immaculatus*).*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 66.POMACENTRUS, *Jacépède*, 1802.91. POMACENTRUS FASCIOLATUS, *Ogilby*.*Pomacentrus fasciolatus*, *Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 64.*Figure*—*Jenkins*, *Bull. U.S. Fish. Comm.*, xix., 1901, p. 392, fig. 5.*Recorded*—*Ogilby*, *loc. cit.*PARMA, *Günther*, 1862.92. PARMA POLYLEPIS, *Günther*.*Sailor Fish.**Parma polylepis*, *Günther*, *Cat. Fish. Brit. Mus.*, iv., 1862, p. 59.*Figure*—*Waite*, *Rec. Aust. Mus.*, v., 1904, pl. xxii.*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 66.

GLYPHISODON, *Lacépède*, 1802.

93. GLYPHISODON SAXATILIS, *Linnæus*.

*Chaetodon saxatilis*, *Linnæus*, *Syst. Nat.*, (ed. x.), 1758, p. 276.

*Figure*—*Bleeker*, *Atl. Ichth.*, ix., 1877, pl. ccccviii., fig. 5.

*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 64.

94. GLYPHISODON ANTJERIUS, *Cuvier & Valenciennes*.

*Glyphisodon antjerius*, *Cuvier & Valenciennes*, *Hist. Nat. Poiss.*, v., 1830, p. 481.

*Figure*—Some of the figures of *Schlegel* or *Kner*, whose writings I am unable to consult, may represent this form.

*Recorded*—*Waite*, *Proc. Linn. Soc. N.S. Wales*, (2), ix., 1894, p. 219 (*G. brownriggii*).

95. GLYPHISODON POLYACANTHUS, *Ogilby*.

*Glyphidodon polyacanthus*, *Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 65.

*Figure*—*Waite*, *Rec. Aust. Mus.*, v., 1904, pl. xxiii., fig. 1.

*Recorded*—*Ogilby*, *loc. cit.*

Family LABRIDÆ.

THALASSOMA, *Swainson*, 1839.

96. THALASSOMA TRILOBATUM, *Lacépède*.

*Parrot Fish.*

*Labrus trilobatus*, *Lacépède*, *Hist. Nat. Poiss.*, iii., 1802, p. 454.

*Figure*—*Lesson & Garnot*, *Voy. "Coquille," Zool.*, pl. xxxv., 1827, fig. 1.

*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 68.

97. THALASSOMA ANEITENSE, *Günther*.

*Julis aneitensis*, *Günther*, *Cat. Fish. Brit. Mus.*, iv., 1862, p. 183.

*Figure*—*Waite*, *Rec. Aust. Mus.*, iv., 1902, pl. xxix.

*Recorded*—*Waite*, *Rec. Aust. Mus.*, iii., 1900, p. 202.



98. THALASSOMA JANSENI, *Bleeker*.

*Julis janseni*, Bleeker, Act. Soc. Sci. Indo. Neerl., i., 1856, p. 56 (Manado & Makassar).

*Figure*—Bleeker, Atl. Ichth., i., 1862, pl. xxxiv., fig. 5.

*Recorded*—Waite, Rec. Aust. Mus., v., 1903, p. 25.

99. THALASSOMA LUNARE, *Linnaeus*.

*Labrus lunaris*, Linnæus, Syst. Nat., (ed. x.), 1758, p. 283.

*Figure*—Bleeker, Atl. Ichth., i., 1862, pl. xxxiii., fig. 5.

*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 68.

100. THALASSOMA DORSALE, *Quoy & Gaimard*.

*Julis dorsalis*, Quoy and Gaimard, Voy. "Astrolabe," Zool., iii., Poiss., 1835, p. 713.

*Figure*—Quoy and Gaimard, *loc. cit.*, pl. xv., fig. 5.

*Recorded*—Waite, Rec. Aust. Mus., v., 1903, p. 26.

CORIS, *Lacépède*, 1802.101. CORIS AYGULA, *Lacépède*.*Double-head.*

*Coris aygula*, Lacépède, Hist. Nat. Poiss., iii., 1802, p. 96.

*Figure*—Jordan & Snyder, Proc. U.S. Nat. Mus., xxiv., 1902, p. 642, fig. 9.

*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 68.

102. CORIS PICTA, *Bloch & Schneider*.*Comb Fish.*

*Labrus pictus*, Bloch & Schneider, Syst. Ichth., 1801, p. 251.

*Figure*—Waite, Rec. Aust. Mus., v., 1903, pl. v., fig. 1.

*Recorded*—Ramsay, Proc. Linn. Soc. N.S.Wales, vii., 1882, p. 301.

ANAMPSES, *Cuvier*, 1829.

103. ANAMPSES TWISTII, *Bleeker*.

*Anampses twistii*, Bleeker, Act. Soc. Sci. Indo. Neerl., i., 1856,  
p. 56 (Amboina).

*Figure*—Bleeker, Atl. Ichth., i., 1862, pl. xxv., fig. 4.

*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 67.

104. ANAMPSES DIADEMATUS, *Rüppell*.

*Anampses diadematus*, Rüppell, Neue Wirb., Fische, 1835, p. 21.

*Figure*—Günther, Fische Südsee, vii. 1881, pl. cxxxix.

*Recorded*—Waite, Rec. Aust. Mus., v., 1904, p. 172.

105. ANAMPSES ELEGANS, *Ogilby*.

*Anampses elegans*, Ogilby, Aust. Mus. Mem., ii., 1889, p. 67.

*Figure*—None.

*Recorded*—Ogilby, *loc. cit.*

GÜNTHERIA, *Bleeker*, 1861.

106. GÜNTHERIA TRIMACULATA, *Quoy & Gaimard*.

*Julis trimaculata*, Quoy & Gaimard, Voy. "Astrolabe," Zool.,  
iii., 1835, p. 705.

*Figure*—Bleeker, Atl. Ichth., i., 1862, pl. xxxii., fig. 1.

*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 68.

HALICHERES, *Rüppell*, 1835.

107. HALICHERES PSEUDOMINIATUS, *Bleeker*.

*Julis pseudominiatus*, Bleeker, Act. Soc. Sci. Indo. Neerl., i.,  
1856, p. 62 (Amboina).

*Figure*—Bleeker, Atl. Ichth., i., 1862, pl. xl., fig. 5.

*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 68.

108. HALICHERES OPERCULARIS, *Günther*.

*PlatyGLOSSUS opercularis*, Günther, Cat. Fish. Brit. Mus., iv., 1862, p. 148.

*Figure*—Günther, Fish. Zanzibar, 1866, pl. xii., fig. 1.

*Recorded*—Waite, Rec. Aust. Mus., iii., 1900, p. 202.

STETHOJULIS, *Günther*, 1861.109. STETHOJULIS AXILLARIS, *Quoy & Gaimard*.

*Julis axillaris*, Quoy & Gaimard, Voy. "Uranie," Zool., 1824, p. 272.

*Figure*—Bleeker, Atl. Ichth., i., 1862, pl. xlv., fig. 3.

*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 68.

PSEUDOLABRUS, *Bleeker*, 1861.110. PSEUDOLABRUS INSCRIPTUS, *Richardson*.

*Parrot Fish.*

*Labrus inscriptus*, Richardson, Voy. "Ereb. and Terr.," Fish., 1848, p. 134.

*Figure*—Richardson, *loc. cit.*, pl. lvi., figs. 1-2.

*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 66.

111. PSEUDOLABRUS LUCULENTUS, *Richardson*.

*Parrot Fish.*

*Labrus luculentus*, Richardson, Voy. "Ereb. and Terr.," Fish., 1848, p. 130.

*Figure*—Waite, Rec. Aust. Mus., v., 1903, pl. iv., fig. 1.

*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 67.

112. PSEUDOLABRUS NIGROMARGINATUS, *Macleay*.

*Labrichthys nigromarginatus*, Macleay, Proc. Linn. Soc. N.S. Wales, iii., 1878, p. 35.

*Figure*—Macleay, *loc. cit.*, pl. iii., fig. 3.

*Recorded*—Waite, Rec. Aust. Mus., v., 1903, p. 29.

INIISTIUS, *Gill*, 1862.

113 INIISTIUS CACATUA, *Waite*.

*Cockatoo Fish*,

*Iniistius cacatua*, *Waite*, *Rec. Aust. Mus.*, iv., 1901, p. 41.

*Figure*—*Waite*, *loc. cit.*, pl. vii.

*Recorded*—*Waite*, *loc. cit.*

NOVACULICHTHYS, *Bleeker*, 1861.

114. NOVACULICHTHYS JACKSONENSIS, *Ramsay*.

*Novacula jacksonensis*, *Ramsay*, *Proc. Linn. Soc. N.S. Wales*, vi., 1881, p. 198.

*Figure*—*Waite*, *Aust. Mus. Mem.*, iv., 1899, pl. xv.

*Recorded*—*Waite*, *Rec. Aust. Mus.*, iii., 1900, p. 202.

LABROIDES, *Bleeker*, 1851.

115. LABROIDES PARADISEUS, *Bleeker*.

*Labroides paradiseus*, *Bleeker*, *Nat. Tijds. Ned. Ind.*, ii., 1851, p. 249 (Banda).

*Figure*—*Bleeker*, *Atl. Ichth.*, i., 1862, pl. xlv., fig. 2.

*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 67.

LEPIDAPLOIS, *Gill*, 1862.

116. LEPIDAPLOIS PERDITIO, *Quoy & Gaimard*.

*Labrus perditio*, *Quoy & Gaimard*, *Voy. "Astrolabe"*, *Zool.*, iii., 1835, p. 702.

*Figure*—*Jordan & Snyder*, *Proc. U.S. Nat. Mus.*, xxiv., 1902, p. 618, fig. 2.

*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 66.

Family SCARIDÆ.

SCARICHTHYS, *Bleeker*, 1861.

117. SCARICHTHYS AURITUS, *Kuhl & Van Hasselt*.

*Scarus auritus*, *Kuhl & Van Hasselt* in *Cuvier & Valenciennes*, *Hist. Nat. Poiss.*, xiv., 1839, p. 218.

*Figure*—*Bleeker*, *Atl. Ichth.*, i., 1862, pl. i., fig. 3.

*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 70.

SCARUS, *Forsk.*, 1775.118. SCARUS PYRRHOSTETHUS, *Richardson*.

*Scarus pyrrhostethus*, Richardson, Rep. Ichth. China & Japan, Brit. Ass. Rep., 1845, p. 262.

*Figure*—Bleeker, Atl. Ichth., i., 1862, pl. ix., fig. 1.

*Recorded*—(Ogilby, Aust. Mus. Mem., ii., 1889, p. 70, *Scarus* sp.); Waite, Rec. Aust. Mus., iv., 1901, p. 44.

## Family ZEIDÆ.

ZENOPSIS, *Gill*, 1862.119. ZENOPSIS SCOPUS, *Waite*.*Target Fish.*

*Zenopsis scopus*, Waite, Rec. Aust. Mus., v., 1903, p. 30.

*Figure*—Waite, *loc. cit.*, fig. 1.

*Recorded*—Waite, *loc. cit.*

## Family CHÆTODONTIDÆ.

CHÆTODON, *Linnaeus*, 1758.120. CHÆTODON TRIFASCIATUS, *Mungo Park*.

*Chatodon trifasciatus*, Mungo Park, Trans. Linn. Soc., iii., 1797, p. 34.

*Figure*—Bleeker, Atl. Ichth., ix., 1877, pl. cccclxxvii. (1876), fig. 1.

*Recorded*—Waite, Rec. Aust. Mus., v., 1903, p. 32.

121. CHÆTODON APHRODITE, *Ogilby*.

*Chatodon aphrodite*, Ogilby, Aust. Mus. Mem., ii., 1889, p. 55.

*Figure*—Ogilby, *loc. cit.*, pl. iii., fig. 2.

*Recorded*—Ogilby, *loc. cit.*

122. CHÆTODON TRICINCTUS, *Waite*.

*Chatodon tricinctus*, Waite, Rec. Aust. Mus. iv., 1901, p. 45.

*Figure*—Waite, *loc. cit.*, fig. 12.

*Recorded*—Waite, *loc. cit.*

123. CHÆTODON HOWENSIS, *Waite*.

*Chætodon howensis*, Waite, Rec. Aust. Mus., v., 1903, p. 33.

*Figure*—Waite, *loc. cit.*, p. 36, fig. 2

*Recorded*—Waite, *loc. cit.*

MICROCANTHUS, *Swainson*, 1839.

124. MICROCANTHUS STRIGATUS, *Langsdorf*.

*Chætodon strigatus*, Langsdorf in Cuvier & Valenciennes, Hist. Nat. Poiss., vii., 1831, p. 25.

*Figure*—Cuvier & Valenciennes, *loc. cit.*, pl. clxx.

*Recorded*—Ogilby, Aust. Mus. Mem., ii, 1889, p. 55.

HOLACANTHUS, *Lacépède*, 1802.

125. HOLACANTHUS TIBICEN, *Cuvier & Valenciennes*.

*Holacanthus tibicen*, Cuvier & Valenciennes, Hist. Nat. Poiss., vii., 1831, p. 173.

*Figure*—Bleeker, Atl. Ichth., ix., 1878, pl. ccclxx. (1876), fig. 4.

*Recorded*—Waite, Rec. Aust. Mus., iii., 1900, p. 203.

126. HOLACANTHUS CONSPICILLATUS, *Waite*.

*Holacanthus conspicillatus*, Waite, Rec. Aust. Mus., iii., 1900, p. 203.

*Figure*—Waite, *loc. cit.*, pl. xxxv.

*Recorded*—Waite, *loc. cit.*

127. HOLACANTHUS SEMICINCTUS, *Waite*.

*Holacanthus semicinctus*, Waite, Rec. Aust. Mus., iii., 1900, p. 204.

*Figure*—Waite, *loc. cit.*, pl. xxxvi.

*Recorded*—Waite, *loc. cit.*

*Family ACANTHURIDÆ.*XESURUS, *Jordan & Evermann*, 1896.128. XESURUS MACULATUS, *Ogilby*.*Prionurus maculatus*, *Ogilby*, *Proc. Zool. Soc.*, 1887, p. 395.*Figure*—None.*Recorded*—*Waite*, *Rec. Aust. Mus.*, iii., 1900, p. 207.ACANTHURUS, *Forskål*, 1775.129. ACANTHURUS UNICORNIS, *Forskål*.*Chætodon unicornis*, *Forskål*, *Descr. Anim.*, 1775, p. 63.*Figure*—*Günther*, *Fische Südsee*, iv., 1875, pl. lxxviii.*Recorded*—*Waite*, *Rec. Aust. Mus.*, iii., 1900, p. 207.*Family BALISTIDÆ.*PACHYNATHUS, *Swainson*, 1839.130. PACHYNATHUS CAPISTRATUS, *Shaw*.*Balistes capistratus*, *Shaw*, *Gen. Zool.*, v., 1804, p. 417.*Figure*—*Bleeker*, *Atl. Ichth.*, v., 1869, pl. cexxiii. (1865),  
fig. 2.*Recorded*—*Waite*, *Rec. Aust. Mus.*, v., 1903, p. 38.*Family MONACANTHIDÆ.*STEPHANOLEPIS, *Gill*, 1861.131. STEPHANOLEPIS NITENS, *Hollard*.*Monacanthus nitens*, *Hollard*, *Ann. Sci. Nat.*, (4), ii., 1854,  
p. 364.*Figure*—*Hollard*, *loc. cit.*, pl. xiv., fig. 12.*Recorded*—*Waite*, "Thetis" *Prelim. Rep.*, 1898, p. 62.PSEUDOMONACANTHUS, *Bleeker*, 1866.132. PSEUDOMONACANTHUS HOWENSIS, *Ogilby*.*Monacanthus howensis*, *Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 73.*Figure*—*Waite*, *Rec. Aust. Mus.*, iv., 1901, pl. viii.*Recorded*—*Ogilby*, *loc. cit.*

133. PSEUDOMONACANTHUS ANALIS, *Waite*.

*Pseudomonacanthus analis*, Waite, Rec. Aust. Mus., v., 1904, p. 173.

*Figure*—Waite, *loc. cit.*, p. 174, fig. 32.

*Recorded*—Waite, *loc. cit.*

BRACHALUTERES, *Bleeker*, 1866.

134. BRACHALUTERES BAUERI, *Richardson*.

*Aleuterius baueri*, Richardson, Voy. "Ereb. and Terr.," Fish., 1846, p. 68.

*Figure*—Waite, Rec. Aust. Mus., v., 1903, pl. iii., fig. 2.

*Recorded*—Waite, *loc. cit.*, p. 38.

ALUTERA, *Cuvier*, 1817.

135. ALUTERA MONOCEROS, *Linnaeus*.

*Balistes monoceros*, Linnaeus, Syst. Nat., (ed. x.), 1758, p. 327.

*Figure*—Bleeker, Atl. Ichth., v., 1869, pl. cccxxvi. (1865), fig. 2.

*Recorded*—Waite, Rec. Aust. Mus., iii., 1900, p. 207.

Family OSTRACIIDÆ.

LACTOPHRYS, *Swainson*, 1839.

136. LACTOPHRYS CONCATENATUS, *Bloch*.

*Ostracion concatenatus*, Bloch, Nat. ausl. Fische, i., 1785, p. 101.

*Figure*—Bloch, *loc. cit.*, pl. cxxxii.

*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 73.

OSTRACION, *Linnaeus*, 1758.

137. OSTRACION FORNASINI, *Bianconi*.

*Ostracion fornasini*, Bianconi, Spec. Zool. Mosamb., i., 1850, p. 7.

*Figure*—Bleeker, Atl. Ichth., v., 1865, pl. cciii., fig. 4.

*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 73.



138. OSTRACION TUBERCULATUM, *Linnaeus*.*Box Fish.*

*Ostracion tuberculatus*, Linnæus, Syst. Nat., (ed. x.), 1758, p. 331.

*Figure*—Bleeker, Atl. Ichth., v., 1865, pl. cci., fig. 2.

*Recorded*—Waite, Rec. Aust. Mus., iii., 1900, p. 207.

139. OSTRACION CORNUTUM, *Linnaeus*.

*Ostracion cornutus*, Linnæus, Syst. Nat., (ed. x.), 1758, p. 331.

*Figure*—Bleeker, Atl. Ichth., v., 1865, pl. ccii., fig. 3.

*Recorded*—Waite, Rec. Aust. Mus., v., 1903, p. 37.

*Family* TETRAODONTIDÆ.SPHEROIDES, *Lacépède*, 1800.140. SPHEROIDES OBLONGUS, *Bloch*.

*Tetraodon oblongus*, Bloch, Nat. ausl. Fische, ii., 1786, p. 6.

*Figure*—Bleeker, Atl. Ichth., v., 1864, pl. ccviii. (1865), fig. 4.

*Recorded*—Waite, Rec. Aust. Mus., iii., 1900, p. 207.

141. SPHEROIDES HYPSELOGENEION, *Bleeker*.

*Tetraodon hypselogeneion*, Bleeker, Nat. Tijds. Ned. Ind., iii., 1852, p. 300.

*Figure*—Bleeker, Atl. Ichth., v., 1865, pl. ccxiii., fig. 5.

*Recorded*—Waite, Rec. Aust. Mus., v., 1903, p. 38.

142. SPHEROIDES ALTIPINNIS, *Ogilby*.

*Tetrodon altipinnis*, Ogilby, Rec. Aust. Mus., i., 1891, p. 110.

*Figure*—None.

*Recorded*—Ogilby, *loc. cit.*

TETRAODON, *Linnæus*, 1758.

143. TETRAODON HISPIDUS, *Linnæus*.

*Tetraodon hispidus*, Linnæus, Syst. Nat., (ed. x.), 1758, p. 333.

*Figure*—Bleeker, Atl. Ichth., v., 1865, pl. ccv., fig. 3.

*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 74.

144. TETRAODON STELLATUS, *Bloch & Schneider*.

*Toado*.

*Tetrodon lagocephalus*, var *stellatus*, Bloch & Schneider, Syst. Ichth., 1801, p. 503.

*Figure*—Bleeker, Atl. Ichth., v., 1865, pl. ccxii., fig. 1.

*Recorded*—Waite, "Thetis" Prelim. Rep., 1898, p. 62.

145. TETRAODON MELEAGRIS, *Lacépède*.

*Tetrodon meleagris*, Lacépède, Hist. Nat. Poiss., i., 1798, p. 505.

*Figure*—Bleeker, Atl. Ichth., v., 1865, pl. ccx., fig. 1.

*Recorded*—Waite, Rec. Aust. Mus., iii., 1900, p. 207.

*Family* TROPIDICHTHYIDÆ.

TROPIDICHTHYS, *Bleeker*, 1854.

146. TROPIDICHTHYS VALENTINI, *Bleeker*.

*Tetraodon valentini*, Bleeker, Nat. Tijds. Ned. Ind., iv., 1853, p. 130.

*Figure*—Bleeker, Atl. Ichth., v., 1865, pl. ccviii., fig. 1.

*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 74.

147. TROPIDICHTHYS CALLISTERNUS, *Ogilby*.

*Tetrodon callisternus*, Ogilby, Aust. Mus. Mem., ii., 1889, p. 74.

*Figure*—Ogilby, *loc. cit.*, pl. iii., fig. 5.

*Recorded*—Ogilby, *loc. cit.*

## Family DIODONTIDÆ.

DIODON, *Linnæus*, 1758.148. DIODON HYSTRIX, *Linnæus*.*Porcupine Fish.**Diodon hystrix*, *Linnæus*, *Syst. Nat.*, (ed. x.), 1758, p. 335.*Figure*—*Bleeker*, *Atl. Ichth.*, v., 1865, pl. ccvii., fig. 2.*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 74.EUCHILOMYCTERUS, *Waite*, 1900.149. EUCHILOMYCTERUS QUADRATICATUS, *Waite*.*Euchilomycterus quadraticatus*, *Waite*, *Rec. Aust. Mus.*, iii., 1900, p. 208.*Figure*—None.*Recorded*—*Waite*, *loc. cit.*

## Family SCORPÆNIDÆ.

SEBASTOPSIS, *Gill*, 1862.150. SEBASTOPSIS GUAMENSIS, *Quoy & Gaimard*.*Scorpana guamensis*, *Quoy & Gaimard*, *Voy. "Uranie," Zool.*, 1824, p. 326.*Figure*—*Günther*, *Fische Südsee*, iii., 1874, pl. lvi., fig. B.*Recorded*—*Waite*, *Rec. Aust. Mus.*, v., 1904, p. 175.151. SEBASTOPSIS SCABER, *Ramsay & Ogilby*.*Sebastes scaber*, *Ramsay & Ogilby*, *Proc. Linn. Soc. N.S. Wales*, x., 1886, p. 577.*Figure*—None.*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 60.SCORPÆNA, *Linnæus*, 1758.152. SCORPÆNA COOKII, *Günther*.*Sandy-Bay Cod.**Scorpana cookii*, *Günther*, *Fische Südsee*, iii., 1874, p. 78.*Figure*—*Günther*, *loc. cit.*, pl. lv.*Recorded*—*Ogilby*, *Proc. Zool. Sec.*, 1889, p. 155.

COCOTROPUS, *Kaup*, 1858.

153. COCOTROPUS ALTIPINNIS, *Waite*.

*Cocotropus altipinnis*, *Waite*, *Rec. Aust. Mus.*, v., 1903, p. 41.

*Figure*—*Waite*, *loc. cit.*, pl. v., fig. 2.

*Recorded*—*Waite*, *loc. cit.*

PTEROIS, *Cuvier*, 1817.

154. PTEROIS VOLITANS, *Linnaeus*.

*Red Fire Fish*

*Gasterosteus volitans*, *Linnaeus*, *Syst. Nat.*, (ed. x.), 1758, p. 296.

*Figure*—*Bleeker*, *Atl. Ichth.*, ix., 1878, pl. ccccxii., fig. 3.

*Recorded*—*Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 60.

155. PTEROIS ZEBRA, *Cuvier & Valenciennes*.

*Fire Fish.*

*Pterois zebra*, *Cuvier & Valenciennes*, *Hist. Nat. Poiss.*, iv., 1829, p. 367.

*Figure*—*Bleeker*, *Atl. Ichth.*, ix., 1878, pl. ccccxii., fig. 1.

*Recorded*—*Waite*, *Rec. Aust. Mus.*, iii., 1900, p. 209.

*Family* NOTOTHENIIDÆ.

PARAPERCIS, *Bleeker*, 1872.

156. PARAPERCIS CYLINDRICA, *Bloch*.

*Sciæna cylindrica*, *Bloch*, *Nat. ausl. Fische*, vi., 1792, p. 42.

*Figure*—*Bloch*, *loc. cit.*, pl. ccxcix, fig. 1.

*Recorded*—*Waite*, *Rec. Aust. Mus.*, iii., 1900, p. 209.

*Family* CALLIONYMIDÆ.

CALLIONYMUS, *Linnaeus*, 1758.

157. CALLIONYMUS JAPONICUS, *Houttuyn*.

*Stink-Fish.*

*Callionymus japonicus*, *Houttuyn*, *Verh. Holl. Maatsch. Wet. Harlem*, xx., 1782, p. 311.

*Figure*—*Temminck & Schlegel*, *Fauna Japon.*, *Pisces*, 1845, pl. lxxix. A., fig. 1.

*Recorded*—*Waite*, "Thetis" *Prelim. Report*, 1898, p. 60.

## Family TRICHONOTIDÆ.

LIMNICHTHYS, *Waite*, 1904.158. LIMNICHTHYS FASCIATUS, *Waite*.*Limnichthys fasciatus*, *Waite*, *Rec. Aust. Mus.*, v., 1904, p. 178.*Figure*—*Waite, loc. cit.*, pl. xxiii., fig. 4.*Recorded*—*Waite, loc. cit.*

## Family GOBIIDÆ.

GOBIUS, *Linnaeus*, 1758.159. GOBIUS ÆOLOSONA, *Ogilby*.*Gobius æolosoma*, *Ogilby*, *Aust. Mus. Mem.*, ii., 1889, p. 61.*Figure*—*Waite, Rec. Aust. Mus.*, v., 1904, pl. xxiii., fig. 2.*Recorded*—*Ogilby, loc. cit.*ALLOGOBIUS, *Waite*, 1904.160. ALLOGOBIUS VIRIDIS, *Waite*.*Allogobius viridis*, *Waite, Rec. Aust. Mus.*, v., 1904, p. 177.*Figure*—*Waite, loc. cit.*, pl. xxiii., fig. 3.*Recorded*—*Waite, loc. cit.*

## Family GOBIESOCIDÆ.

DIPLOCREPIS, *Günther*, 1861.161. DIPLOCREPIS COSTATUS, *Ogilby*.*Cling Fish.**Diplocrepis costatus*, *Ogilby*, *Proc. Linn. Soc. N.S. Wales*, x., 1885, p. 270.*Figure*—*Waite, Rec. Aust. Mus.*, v., 1904, pl. xxiv., fig. 1.*Recorded*—*Ogilby, Aust. Mus. Mem.*, ii., 1889, p. 63.LEPADICHTHYS, *Waite*, 1904.162. LEPADICHTHYS FRENATUS, *Waite*.*Lepadichthys frenatus*, *Waite, Rec. Aust. Mus.*, v., 1904, p. 180.*Figure*—*Waite, loc. cit.*, pl. xxiv., fig. 2.*Recorded*—*Waite, loc. cit.*

Family BLENNIIDÆ.

PETROSCIRTES, *Rüppell*, 1828.

163. PETROSCIRTES ICELII, *Ogilby*.

*Petroscirtes icelii*, *Ogilby*, Proc. Linn. Soc. N.S. Wales, (2), ix., 1894, p. 370.

*Figure*—*Waite*, Rec. Aust. Mus. v., 1904, pl. xxiv., fig. 3.

*Recorded*—*Ogilby*, *loc. cit.*

XIPHASIA, *Swainson*, 1839.

164. XIPHASIA SETIFER, *Swainson*.

*Xiphasia setifer*, *Swainson*, Fishes, ii., 1839, p. 259.

*Figure*—*Day*, Fish. India, 1876, pl. lxxiii, fig. 1.

*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 62 (*Gobioides* sp.); *Waite*, Rec. Aust. Mus., v., 1903, p. 45.

SALARIAS, *Cuvier*, 1817.

165. SALARIAS QUADRICORNIS, *Cuvier & Valenciennes*.

*Salarias quadricornis*, *Cuvier & Valenciennes*, Hist. Nat. Poiss., xi., 1836, p. 329.

*Figure*—*Cuvier & Valenciennes*, *loc. cit.*, pl. cccxxix.

*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 63.

166. SALARIAS MARMORATUS, *Bennett*.

*Blennius marmoratus*, *Bennett*, Zool. Journ., iv., 1829, p. 35.

*Figure*—*Günther*, Fische Südsee, vi., 1877, pl. cxvi., fig. B.

*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 62.

167. SALARIAS INSULÆ, *Ogilby*.

*Salarias insulæ*, *Ogilby*, Proc. Linn. Soc. N.S. Wales, xxiii., 1899, p. 741.

*Figure*—None.

*Recorded*—*Ogilby*, *loc. cit.*

168. SALARIAS ALBOAPICALIS, *Ogilby*.*Jumping Fish.**Salarias alboapicalis*, *Ogilby*, Proc. Linn. Soc. N.S. Wales, xxiii., 1899, p. 742.*Figure*—*Günther*, Fische Südsee, vi., 1877, pl. cxvi., fig. A., (*S. variolosus*).*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 62 (*S. variolosus*).PETRÄITES, *Ogilby*, 1885.169. PETRÄITES ROSEUS, *Günther*.*Cristiceps roseus*, *Günther*, Cat. Fish. Brit. Mus., iii., 1861, p. 274.*Figure*—None.*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 63CRISTICEPS, *Cuvier & Valenciennes*, 1836.170. CRISTICEPS AUSTRALIS, *Günther*.*Weed Fish.**Cristiceps australis*, *Günther*, Cat. Fish. Brit. Mus., iii., 1861, p. 275.*Figure*—None.*Recorded*—*Waite*, Rec. Aust. Mus., iii., 1900, p. 209.171. CRISTICEPS AURANTIACUS, *Castelnau*.*Cristiceps aurantiacus*, *Castelnau*, Proc. Linn. Soc. N.S. Wales, iii., 1879, p. 386.*Figure*—None.*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 63.TRIPTYRYGION, *Risso*, 1826.172. TRIPTYRYGION NIGRIPENNE, *Cuvier & Valenciennes*.*Triptyrygion nigripenne*, *Cuvier & Valenciennes*, Hist. Nat. Poiss., xi., 1836, p. 413.*Figure*—*Cuvier & Valenciennes*, *loc. cit.*, pl. cccxxxix.*Recorded*—*Waite*, Rec. Aust. Mus., v., 1904, p. 182.

173. *TRIPTERYGION RUFOPILEUM*, Waite.

*Tripterygion rufopileum*, Waite, Rec. Aust. Mus., v., 1904, p. 182.

*Figure*—Waite, *loc. cit.*, pl. xxiv., fig. 4.

*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 63 (*T. atrogulare*).

*Family ACANTHOCLINIDÆ.*

*ACANTHOCLINUS*, Jenyns, 1842.

174. *ACANTHOCLINUS LITOREUS*, Forster.

*Blennius litoreus*, Forster in Bloch & Schneider, Syst. Ichth., 1801, p. 177.

*Figure*—Ogilby, Aust. Mus. Mem., ii., 1889, pl. iii., fig. 3.

*Recorded*—Ogilby, *loc. cit.*, p. 63.

*Family BROTULIDÆ.*

*DINEMATICHTHYS*, Bleeker, 1854.

175. *DINEMATICHTHYS LONGIFILES*, Ogilby.

*Diancistrus longifiles*, Ogilby, Proc. Linn. Soc. N.S. Wales, xxiii., 1899, p. 744.

*Figure*—Waite, Rec. Aust. Mus., v., 1904, pl. xxiv., fig. 5.

*Recorded*—Ogilby, *loc. cit.*

*Family GADIDÆ.*

*LOTELLA*, Kaup, 1858.

176. *LOTELLA CALLARIAS*, Günther.

*Beardie.*

*Lotella callarias*, Günther, Ann. Mag. Nat. Hist., (3), xi., 1863, p. 116.

*Figure*—McCoy, Prod. Zool. Vict., dec. ii., 1878, pl. xix.

*Recorded*—Ogilby, Aust. Mus. Mem., ii., 1889, p. 70, and Proc. Linn. Soc. N.S. Wales, xxiii., 1899, p. 745.



## Family PLEURONECTIDÆ.

PLATOPHRYS, *Swainson*, 1839177. PLATOPHRYS PANTHERINUS, *Rüppell*.*Panther Flounder.**Rhombus pantherinus*, *Rüppell*, Atlas Reise nörd Afrika, Fische, 1825, p. 121.*Figure*—*Bleeker*, Atl. Ichth., vi., 1870, pl. cccxxxiii., 1865, fig. 3.*Recorded*—*Waite*, "Thetis" Prelim. Rep., 1898, p. 61.

## Family SOLEIDÆ.

ASERAGGODES, *Kaup*, 1858178. ASERAGGODES RAMSAYI, *Ogilby*.*Solea ramsayi*, *Ogilby*, Aust. Mus. Mem., ii., 1889, p. 70.*Figure*—*Ogilby*, *loc. cit.*, pl. iii., fig. 4.*Recorded*—*Ogilby*, *loc. cit.*

## Family ANTENNARIIDÆ.

ANTENNARIUS, *Lacépède*, 1798.179. ANTENNARIUS COCCINEUS, *Lesson & Garnot*.*Angler Fish.**Chironectes coccineus*, *Lesson & Garnot*, Voy. "Coquille," Poiss., 1827, p. 143.*Figure*—*Lesson & Garnot*, *loc. cit.*, pl. xvi., fig. 1.*Recorded*—*Ogilby*, Aust. Mus. Mem., ii., 1889, p. 61.180. ANTENNARIUS COMMERSONII, *Cuvier*.*Chironectes commersonii*, *Cuvier*, Mem. Mus. Hist. Nat., iii., 1817, p. 431 (after *Lacépède*, 1798).*Figure*—*Günther*, Fische Südsee, v., 1876-7, pl. c-cvi.*Recorded*—*Waite*, Rec. Aust. Mus., iv., 1901, p. 47.

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[Enumerates six fishes.]

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[*Serranus ouatabili*, Cuvier & Valenciennes, (not admitted in catalogue.)]

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[Enumerates nine fishes.]

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[*Ctenodax wilkinsoni*, sp. nov.]

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[*Sternoptychides amabilis*.]

OGILBY—J. DOUGLAS.

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[*Anthias cichlops*, Bleeker, *Scorpena cooki*, Günther, and *Platystethus guentheri*, sp. nov.]

Lord Howe Island—Fishes.—*Mem. Aust. Mus.*, ii., 1889, pp. 52-74, pls. ii.-iii.

[A complete catalogue to date. Eighty-eight species, fourteen new species, and six species figured.]

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[*Tetrodon altipinnis*, sp. nov.]

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[*Chironemus marmoratus*, Günther. *Trachynotus russelli*, Cuvier & Valenciennes.]

Description of five new Fishes from the Australasian Region.—*Proc. Linn. Soc. N.S. Wales*, (2), ix., 1894, p. 370.

[*Petroscirtes icelii*, sp. nov.]

New Genera and Species of Fishes.—*Proc. Linn. Soc. N.S. Wales*, xxiii., 1893, p. 36.

[*Athoprora perspicillata*, sp. nov.]

## OGILBY—J. DOUGLAS.

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[*Congrellus gilberti*, nom. nov.]

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[Nine species added, three new genera and five new species.]

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New or rare Fishes from Maroubra, New South Wales.—*Proc. Linn. Soc. N.S. Wales*, (2), ix., 1894, pp. 217, 219.

[Three species added.]

"Thetis" Preliminary Report, 1898, pp. 58-62, pl. xii.

[Seven species added, *Myxus elongatus*, Günther, figured.]

## WAITE—EDGAR R.

Additions to the Fish Fauna of Lord Howe Island.—*Rec. Aust. Mus.*, iii., 1900, pp. 193-209, pls. xxxiv.-xxxvi.

[Thirty-one species added, four new species, three species figured.]

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Additions to the Fish Fauna of Lord Howe Island, No. 2.—*Rec. Aust. Mus.*, iv., 1901, pp. 36-47, pls. v.-viii., and fig. 12.

[Eight species added, two new species, five species figured.]

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New Records or Recurrences of rare Fishes from Eastern Australia.—*Rec. Aust. Mus.*, iv., 1902, p. 267.

[*Tetraodonurus wilkinsoni*, Macleay=*T. cuvieri*, Risso.]

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Additions to the Fish Fauna of Lord Howe Island, No. 3.—*Rec. Aust. Mus.*, v., 1903, pp. 20-45, pls. iii.-v., and figs. 1-2.

[Seventeen species added, three new species, eight species figured.]

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Additions to the Fish Fauna of Lord Howe Island, No. 4.—*Rec. Aust. Mus.*, v., 1904, pp. 135-186, pls. xvii.-xxiv., and fig. 32.

[Twenty-seven species added, four new genera, ten new species, twenty-four species figured.]

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Catalogue of the Fishes of Lord Howe Island.—*Rec. Aust. Mus.*, v., 1904, pp. 187-226.

[One hundred and eighty species.]

[The following corrections were published in Volume 5 Issue 6 and are to be read with the appropriate paper dated 18 August, 1905.—Sub-Editor, August, 2009]

## CORRECTIONS.

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- Page 58—for *Prosoplismus recurvirostris*, read *Pentaceropsis recurvirostris*:  
(see Ann. Mag. Nat. Hist. (7), xii., 1903, p. 288.)
- „ 170—further investigation, in conjunction with Mr. McCulloch, shows that examples recorded under the name *Glyphisodon antjerius*, and *G. brownriggii* are the young of *Parma poly-lepis*, specimens recorded from the mainland under these names are the young of *Parma squammipinnis*, *Parma micro-lepis*, the tenable name of the species, being the half-grown stage.
- „ 171—for D. xiii. 9; read D. xiii. 19.
- „ 190 No. 9—for figure none, read Kner, Reise Novara, Fische, 1867, pl. xiii, fig. 2.
- „ 195 No. 33—for p. 148, read 481.
- „ 206 No. 81 *Figure*—for 1869, read 1865.
- „ 209 No. 94—delete in favour of No. 92, and see note p. 170 above.
- „ 219 No. 147—read 147 TROPIDICHTHYS CAUDOFASCIATUS, Günther. *Tetradon caudofasciatus*, Günther Cat. Fish. Brit. Mus., viii., 1870, p. 304, of which *T. callisternus* is a synonym.
- „ 234—for *Tropidostethus rhotophilus*, read *Iso rhotophilus*.
- „ 247—at third line from bottom for “elytra ‘24’” read “elytra 2·4.”
- „ 298—line 4 from bottom, for obtuse read obtuse.
- „ 303—line 20 for  $m$  (0110) read  $m$ , (0110).
- „ 304—line 10 „  $y$  (102) „  $y$  (102).
- „ 318—line 9, for “Inserte,” read “Incertæ”

## EXPLANATION OF PLATE XIV.

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For fig. 10 read fig. 9.

SCAPHITES ERUCIFORMIS, *Eth. fil.*

Fig. 10. Back of limonite cast showing sutures and sculpture.— $\times 2$ .

## EXPLANATION OF PLATE XL.

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First and second line from bottom, for  $m$  0110 read  $m$ , (0110).

And add Fig. 5, Plan of Fig. 4.