

CATALOGUE OF THE FISHES OF LORD HOWE ISLAND.

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My intention of publishing a Catalogue of the Fish Fauna of Lord Howe Island was, as already mentioned,¹ relinquished when Mr. J. D. Ogilby announced that he had the preparation of such a catalogue in view.² 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,³ 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Hippocampus hippocampus Linnæus, is also withdrawn.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.

¹ Waite—Rec. Aust. Mus., iii., 1900, p. 193.

² Ogilby—Proc. Linn. Soc. N.S. Wales, xxiii., 1898, p. 731.

³ 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.