

# STUDIES IN ICHTHYOLOGY.

No. 5.\*

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(Plates xx-xxi and Figures 1-2.)

Family HEPTRANCHIIDÆ.

Genus *Notorynchus* Ayres, 1855.

*Notorynchus* Ayres, Proc. Calif. Acad. Sci., i, 1855, p. 73. Type, *N. maculatus* Ayres = *N. platycephalus* Tenore (*vide* Garman, Bull. Mus. Comp. Zool. Harv., xxxvi, 1913, pp. 18-20).

*Notorhynchus* Jordan and Fowler, Proc. U.S. Nat. Mus., xxvi, 1903, p. 594.

The original definition of this genus is not available to me. The generic name is spelt *Notorhynchus* by Marschall and by Jordan, and *Notorynchus* by Scudder and by Garman.

*Notorynchus macdonaldi*, sp. nov.

(Plate xx, figs. 3-5.)

[Seven-gilled shark] Quoy, Voy. Astrolabe, Hist. Voy., i, 1830, p. 211 (Jervis Bay, New South Wales).

*Heptranchus indicus* Macdonald and Barron, Proc. Zool. Soc. Lond., Sept. 15, 1868, p. 371, pl. xxxiii [off Flinders Id.], Bass Strait (F. M. Rayner, Jan., 1858).

Not *Notidanus indicus* Agassiz, 1835 = *Squalus platycephalus* Tenore, 1810 (*vide* Garman, 1913, and Sherborn, Index Anim.).

*Notidanus indicus* Hutton, Cat. Fish. New Zealand, 1872, p. 79, and Trans. N.Z. Inst., v, 1873, p. 271. *Id.* Ramsay, Proc. Linn. Soc. N. S. Wales, v, 1880, p. 96 (Port Jackson, N.S.W.; 6 ft. 4 in.). *Id.* Johnston, Proc. Roy. Soc. Tasm., 1882 (1883), p. 138, and *ibid.* 1890 (1891), p. 38 (Tasmania). *Id.* Ogilby, Cat. Fish. N. S. Wales, 1886, p. 3 (Jervis Bay and Sydney, N.S.W.). *Id.* Parker, Nature, xliii, Dec. 11, 1890, p. 142, fig. (of sternum). Not *N. indicus* Agassiz, 1835.

*Heptanchus indicus* Castelnau, Proc. Zool. Acclim. Soc. Vict., i, 1872, p. 217 (Hobson's Bay, Victoria). *Id.* Haswell, Proc. Linn. Soc. N. S. Wales, ix, 1884, pp. 88 and 381, pl. i, fig. 5, and pl. x, figs. 1-2. *Id.* Ogilby, Proc. Linn. Soc. N. S. Wales (2), iv, 1889, p. 179.

*Heptranchus griseus* Macdonald, Proc. Zool. Soc. Lond., Sept. 15, 1873, p. 312. Off Flinders Id., Bass Strait. New name for *H. indicus* Macdonald and Barron, 1868 [anticipated by Agassiz, 1835]. Not *Heananchus griseus* Rafinesque, 1810, from Europe; regarded as congeneric, in *Notidanus*, by Günther.

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\* For No. 4 see RECORDS OF THE AUSTRALIAN MUSEUM, Vol. xviii, No. 3, 1931, p. 96.