STUDIES IN Ichthyology.

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By GILBERT P. WHITLEY,

(Plates XI-XV and Figures 1-4.)

Family DASYATIDAE.

To the Parliamentary Report of the Marine Department of Queensland for 1902-3, the late Dr. Jas. R. Tosh contributed an appendix which is of importance to students of our marine biology. It is entitled "Notes on the Habits, Development, Etc., of The Common Food Fishes of Moreton Bay," and is illustrated by twelve plates. These depict stingrays, mullets, and various other fishes, and show the development of the eggs of the mullet, bream, blackfish (Girella), and others. All the species have been included in the Queensland List, but Tosh left a few without specific names, thus:


*Heteroscarus* sp. (?) *Op. cit.*, p. 20, pl. vi, fig. 3, and


The stingray is evidently *Dasylus fluviorum* Ogilby, though this species is not a true *Dasylus* as there is a fold, not a keel, below the tail, and would be better regarded as the orthotype of a new genus.

*Toshia* gen. nov.

Orthotype *Dasylus fluviorum* Ogilby.

Disc with spines and tubercles, especially on scapular region. Tail elongate, more than twice the length of the disc, with a fold above and below. One or two dorsal spines, but no rays. Seven buccal papillae.

These characters sufficiently distinguish *Toshia* from *Dasylus* as defined by Garman.

*Toshia fluviorum* grows to a width of about one foot and, as its name implies, is a river-inhabiting species. The trawlers bring to light from the continental...