

*Chorinemus toloo*, C. V., Somerset.

*Trachynotus ovatus*, L., Somerset.

*Hypsinothus rubescens*, Gthr.

D.  $\frac{7-8}{27-35}$ , A.  $\frac{3}{26-33}$ . Young specimens have the body comparatively less high than old ones; in the latter the depth exceeds much the length (fins excluded), in the former the length may even exceed the depth. Japan, Celebes. Ki Island. Length of specimens,  $1\frac{1}{2}$  to  $2\frac{1}{2}$  inches. Station 192; 129 fathoms.

*Upeneoides*, sp. (?), Arafura Sea.

*Gobius genivittatus*, C. V., fresh-water at Api, New Hebrides.

*Gobius albopunctatus*, C. V., Somerset.

*Gobius bynoensis*, Rich., Somerset.

*Gobius ornatus*, Rüpp., Somerset.

*Callionymus longicaudatus*, Schleg., South of New Guinea. Station 188.

*Callionymus kaianus*, n. sp. (Pl. XIX. fig. B).

D. 4/9, A. 9, C. 10. Præopercular spine shorter than the eye, terminating in three hooks, of which the hindermost points backwards and the middle upwards, both being barbed; the third is very small. Anterior dorsal spine prolonged, second dorsal high, caudal long. The ventral extends somewhat beyond the origin of the anal. The occipital region granulated on each side. Gill-opening reduced to a small foramen on the upper side of the neck. Lateral line single. The length of the head is contained thrice and one-fourth in the total length, without caudal. Eye as long as the snout, and one-fourth the length of the head. Reddish-white, with irregular, rounded violet spots along the middle of the side of the body. A lunate black spot between the third and fourth dorsal spines. Second dorsal ornamented with large subocellated and inframarginal bands. Ki Islands. Length of specimen, 7 inches. Station 192; 129 fathoms.

*Batrachus diemensis*, Les. Station 186 (trawl).

*Antennarius marmoratus*, Gthr., Ki Doulan, Little Ki Island.

*Tetrabrachium*, n. gen. (Pedicalidæ).

Head large, compressed; cleft of the mouth vertical, narrow. Teeth very small. Eye small, projecting on the upper surface of the head. Skin naked. The spinous dorsal is reduced to three isolated spines, with the same arrangement and functions as in