

length being equal to its distance from the vent; the nasal and maxillary barbels do not extend to the end of the head; lower lip not pendent or fringed; isthmus between the branchial membranes comparatively broad, as broad as the interorbital space. Intermaxillary teeth conical, in two subtriangular patches; vomerine teeth more obtuse, in two series which form a subrescentric band; mandibular teeth in a band. Eye of moderate size. The first dorsal is lower than the body, and placed at a very short distance from the occiput; spine serrated in front and behind, as long and strong as that of the pectoral fin. Light brownish, fins with a black margin. Length of specimen, $8\frac{1}{2}$ to 9 inches. Arafura Sea.

Saurus intermedius, Agass.

Hitherto known from the Atlantic only. Arafura Sea.

Saurus kaianus, n. sp. (Pl. XXIII. fig. C).

D. 11, A. 10, V. 8, L. lat. 63, L. transv. $3\frac{1}{2}/8$. Body subcylindrical. Length of the head contained thrice and two-thirds in the total (without caudal). Snout depressed, pointed, nearly as broad as long, with the upper jaw projecting beyond the lower. Interorbital space slightly concave, narrower than the eye, the diameter of which is two-ninths of the length of the head. Frontal bones without sculpture. There are seventeen scales between the occiput and the dorsal fin. Dorsal fin as high as long. The pectoral fin extends to the twelfth scale of the lateral line. The series of scales on the tail without keel. Upper parts greenish, lower silvery. A series of blackish spots alternately larger and smaller along the middle of the body. Ki Islands. Length of specimen, $5\frac{1}{2}$ inches. Station 192; 129 fathoms.

Saurida grandisquamis, Gthr., Arafura Sea.

Belone strongylurus, Blkr., Somerset.

Belone annulata, C. V., Somerset.

Hemirhamphus quoyi, C. V., Somerset.

Hemirhamphus commersoni, Cuv., Somerset.

Chirocentrus dorab, Forsk., Somerset.

Phyllopteryx tæniophorus, Gray, male with full pouch. Cape York. Station 186; 8 fathoms.

Triacanthodes anomalus, Schleg., Ki Island. Station 192; 129 fathoms.

Monacanthus penicilligerus, Cuv. Station 188; 28 fathoms.

Monacanthus longirostris, Cuv., New Caledonia.

Monacanthus filicauda, n. sp. (Pl. XXIII. fig. D).

D. 35, A. 37. Scales minute, the entire surface of the fish being uniformly covered with asperities longitudinally arranged. Dorsal spine rather slender, longer than the