

Acanthaphritis, n. gen. (Trachinidæ).

Head depressed, tail compressed. Cleft of the mouth sub-horizontal, with the upper jaw longest. Eye rather large, obliquely directed upwards. Scales large, ciliated. Two separate dorsal fins, the first with five or six spines. Ventrals jugular, with one spine and five soft rays. The lower pectoral rays branched. Bands of villiform teeth in the jaws, without canines; vomerine teeth in two small widely separate patches. Opercles unarmed; each præorbital with a horizontal spine pointing forward. Six branchiostegals. Gill-membranes entirely separate from each other, and from the isthmus.

Acanthaphritis grandisquamis, n. sp. (Pl. XVIII. fig. A).

D. 5-6/20, A. 24, L. lat. 33, L. transv. 8. Head depressed, its length being rather more than two-sevenths of the total length (without caudal); the eyes are large, occupying the second fourth of the length of the head, and standing very close together; mouth wide, the maxillary extending to below the middle of the eye. Occiput, cheeks, and opercles scaly. The first dorsal composed of feeble and short spines; the second high, the posterior rays being the longest, and extending in old specimens to the middle of the caudal fin. The anal commences immediately behind the first dorsal; caudal sub-truncated; pectoral broad, reaching to below the commencement of the second dorsal; ventrals reaching to the vent. The scales are very coarsely ciliated. Light olive coloured, with an indistinct series of silvery spots along the upper side of the body; the first dorsal black. Ki Islands. Length of specimens, $2\frac{1}{4}$ to $5\frac{1}{2}$ inches. Ki Islands, Station 192; 129 fathoms.

Champsodon vorax, Gthr., Arafura Sea, Ki Islands. Station 192; 129 fathoms.

Uranoscopus fuscomaculatus, Steindachner (Wien, S. B. 1868, vol. lviii. p. 319).

Previously known from Kandavu. Arafura Sea.

Uranoscopus kaianus, n. sp. (Pl. XIX. fig. A).

D. 4/13, A. 13. No barbel below the chin. The length of the head is contained thrice and two-thirds, or thrice and three-fourths in the total without caudal. Sub-operculum with one, præoperculum with four, five, or six spines pointing downwards. Humeral spine more or less directed upwards. Upper parts brown, with numerous round whitish spots. Lower parts whitish. First dorsal black. Ki Islands. Arafura Sea. Length of specimens, 7 to 10 inches. Station 192; 129 fathoms. Station 188; 28 fathoms.

Caranx speciosus, Forsk., Somerset.

Caranx armatus, Forsk., Somerset.