

*Sebastes percooides*, Rich., Twofold Bay ; 120 fathoms (?). Port Jackson ; 30 fathoms.

*Scorpena cruenta*, Sol., Twofold Bay ; 120 fathoms (?).

*Centropogon australis*, White, Port Jackson.

*Lepidotrigla phalana*, C. V., Victoria ; 38 fathoms. Bass Straits ; 38 fathoms.

*Percis allporti*, Gthr. (Ann. and Mag. Nat. Hist., 1876, vol. xvii. p. 394), Bass Straits ; 38 fathoms. Twofold Bay ; 120 fathoms (?).

*Gobius brevifilis*, Day, Port Jackson.

*Gobius albopunctatus*, C. V., Port Jackson.

*Callionymus calauropomus*, Rich., Bass Straits ; 38 fathoms.

*Callionymus phasis*, n. sp. (Pl. XV. fig. C).

D. 4/9, A. 7, C. 10. Præopercular spine considerably shorter than the eye, terminating in three curved spines, of which the two anterior are the larger, and directed upwards. Dorsal spines prolonged ; second dorsal high ; caudal long ; the ventral fin extends somewhat beyond the origin of the anal. Gill-opening reduced to a small foramen on the upper side of the neck ; lateral line single. The length of the head is one-third of the total length without caudal, or one-fourth with that fin. Eye very large, a little longer than the snout, one-third of the length of the head. Reddish-white with irregular broad blackish cross-bands on the back ; first dorsal blackish, with some whitish zig-zag lines ; second variegated with greyish ; the other fins white. Length of specimen, 4 inches. Twofold Bay ; 120 fathoms (?).

*Callionymus lunatus*, Schleg., Port Jackson ; 6 to 8 fathoms.

*Blennius tasmanianus*, Rich., Port Jackson.

*Brachionichthys hirsutus*, Lac.

D 1/2/16, A. 9. Off Twofold Bay ; 120 fathoms (?).

*Tripterygium*, sp., Port Jackson.

*Pseudophycis bacchus*, Forst., Twofold Bay.

*Gadus bacchus*, Forst., Descr. Anim., p. 120.

*Lota breviscula*, Rich., Voy. "Erebus" and "Terror," Fish., p. 61, pl. xxxviii. fig. 1.

*Pseudophycis brevisculus*, Gthr., Fish., vol. iv. p. 350.

#### *Lophonectes*, n. gen.

Body oblong, head small, cleft of the mouth very narrow, with the jaws and dentition nearly equally developed on both sides ; teeth small, in single series ; palatine and vomerine teeth none. Dorsal fin commencing above the nostrils, with the anterior rays produced. Scales of moderate size, thin, and deciduous. Lateral line with a strong curve anteriorly. Eyes on the left side. Bass Straits. Off Port Jackson.