

*Nettastoma melanurum*, Raf.

Not uncommon in the Mediterranean, and most probably descending to depths similar to those of its congeners.

*Nettastoma parviceps* (Pl. LXIII. fig. A).

*Nettastoma parviceps*, Günth., Ann. and Mag. Nat. Hist., 1877, vol. xx. p. 446.

Head small, its length being two-fifths of the distance between the gill-opening and vent (more than one-half in *Nettastoma melanurum*). Dorsal fin commencing in advance of the gill-opening. In other respects similar to the Mediterranean species.

*Habitat*.—South of Yedo, Station 232; depth, 345 fathoms. One specimen, 26½ inches long.

*Nettastoma procerum*.

*Nettastoma procerum*, Goode and Bean, Bull. Mus. Comp. Zoöl., vol. x. 1883, p. 224.

Distinguished by a long filamentous rostral tip, the length of which is equal to twice the diameter of the eye. Tail twice as long as trunk and head.

Three specimens, from 16 to 26 inches long, were obtained by the U.S. steamer "Blake," in lat. 33° 35' to 40° 0' N., long. 76° 0' W.; at depths of 178 and 647 fathoms.

Group *Synaphobranchina*, Gthr.*Synaphobranchus*, Johns.*Synaphobranchus pinnatus* (Pl. LXII. fig. A).

*Muræna pinnata*, Gronov., Syst. ed. Gray, p. 19.

*Synaphobranchus kaupii*, Johnson, Proc. Zool. Soc. Lond., 1862, p. 169.

„ *pinnatus*, Günth., Fish., vol. viii. p. 23.

„ „ Goode and Bean, Bull. Essex Inst., vol. xi., 1879, p. 26; Bull. Mus. Comp. Zoöl., vol. x., 1883, p. 223.

„ *affinis*, Günth., Ann. and Mag. Nat. Hist., 1877, vol. xx. p. 445.

The eye is one-half or a little less than one-half of the length of the snout; the length of the body is contained twice or twice and a third in that of the tail. The dorsal fin commences above or at a very short distance behind the vent. Root of the pectoral midway between the extremity of the snout and the vent. Length of the pectoral fin half that of the head. Scales rudimentary, lanceolate, oblique; cheeks