

Subgenus *Coryphænoides*.*Coryphænoides*, name proposed by Gunner for *Coryphænoides rupestris*.*Macrurus rupestris*.*Coryphænoides rupestris*, Gunner, Trondhj. Selsk. Skrift., vol. iii. p. 50, tab. iii. fig. 1.

" " Goode and Bean, Bull. Mus. Comp. Zoöl., vol. x., No. 5, 1883, p. 197.

" " Collett, Forhandl. Vidensk. Selsk. Christ., 1880, p. 70; and Nyt Mag. f. Naturvid., 1884, p. 95; Ström, Norsk. Vidensk. Selsk. Skrift., 1884, p. 37.

" " Lilljeb., Sverig. och Norg. Fisk., p. 259.

*Macrurus norwegicus*, Nilss., Skand. Faun. Fisk., p. 600.*Macrourus strömii*, Reinh., K. dansk. Vidensk. Selsk. Afhandl., vol. vii. p. 129.

" " Gaim., Voy. Scand., Poiss., pl. xi.

D. 10. P. 19. V. 7.

Head short, rather compressed; snout short, obliquely truncated in front; cleft of the mouth wide, lateral, extending to beyond the centre of the eye; intermaxillary not much shorter than the maxillary. Teeth in villiform bands in both jaws; barbel very small. Interorbital space convex, its width being considerably more than the diameter of the eye, which, in a specimen three feet long, is equal to the length of the snout and one-fourth of that of the head. The *scales* are equally rough over the whole of their surface, all the spinelets being directed backwards; there are seven or eight scales in a transverse series between the first dorsal fin and the lateral line. Head entirely covered with small scales. Anterior dorsal spine armed with numerous small, closely set barbs; outer ventral ray produced into a long filament. Distance between the vent and isthmus two-thirds of the length of the head.

*Habitat*.—North Atlantic; a large specimen nearly three feet long, which has served principally for the above diagnosis, is from Sognefjord, Bergen, and several young specimens were obtained between Shetland and the Færøe Islands during the cruise of the "Porcupine" and "Knight Errant," in from 200 to 500 fathoms. The occurrence of this species on the east coast of the United States is reported from lat. 41° 32' N., long. 65° 55' W.; depth, 524 fathoms.<sup>1</sup>

*Macrurus altipinnis* (Pl. XXXIX. fig. A).*Coryphænoides altipinnis*, Günth., Ann. and Mag. Nat. Hist., 1877, vol. xx. p. 439.

D. 12. P. 21. V. 9.

The snout is rather short, slightly projecting beyond the mouth, with a prominent tubercle in the middle. Orbit large, in a specimen 19 inches long, contained four and one-

<sup>1</sup> I am unable to place *Coryphænoides carapinus* (Goode and Bean, Bull. Mus. Comp. Zoöl., vol. x., No. 5, 1883, p. 197), described from the east coast of the United States in connection with the above species, the authors having omitted to examine the dentition.