

Vent nearer to the snout than to the end of the anal. The anterior ray of the first dorsal about as long as the eye. Back with narrow brownish cross-bars.

This species is known only from a single example, 3 inches long, obtained in 80 or 90 fathoms, near the Hebrides. Dr. Lütken¹ gives it as his opinion that this represents the young of his *Motella mediterranea* (L.). But I have never seen a Mediterranean specimen of the same size and with equally large eyes. Also Hr. Collett² would refer it rather to a species which he characterises by 62 dorsal, 21 pectoral, and 8 ventral rays!

Onus carpenteri (Pl. XLII. fig. D).

Motella macrophthalmus, Günth., Ann. and Mag. Nat. Hist., 1874, vol. xiii. p. 139 (not 1867).

D. 49. A. 45. P. 23. V. 6.

Barbels three. The length of the head is two-ninths of the total (without caudal); the diameter of the eye two-ninths of the length of the head, as long as the snout and longer than the interorbital space is wide. The maxillary reaches to a little behind the hind margin of the orbit. Both jaws with teeth unequal in size, some being enlarged and canine-like. Vent much nearer to the snout than to the end of the anal. The anterior ray of the first dorsal fin about as long as the eye. Coloration uniform.

One specimen only is known, 4½ inches long, obtained during the cruise of H.M.S. "Porcupine," in 180 fathoms, between Shetland and Farøe. I formerly regarded this specimen as representing a more advanced stage of growth of *Onus macrophthalmus*, an opinion fully in accord with the characters given above. But Dr. Lütken, in a recent paper on the species of this genus,³ has drawn attention to differences in the paired fins which, if they are of specific value in this genus, indicate the distinctness of this specimen from all the species known to me or described by Dr. Lütken. It is named after Dr. Carpenter, whose memory will ever be associated with the "Porcupine" and the succeeding British Deep-Sea Expeditions.

Onus reinhardti (Pl. XIX. fig. B).

Motella reinhardi,⁴ Collett, Forhandl. Vidensk. Selsk. Christ., 1878, p. 83.

" " Lütken, Vid. Meddel. nat. Foren. Kjøbenhavn, 1882, p. 236.

Onos reinhardi, Collett, Norsk. Nordh. Exped. Fisk., p. 131, pl. iv. fig. 34.

D. 53-59. A. 43-48. P. 22-24. V. 8.

Barbels three. The length of the head is contained four and one-fourth times in the total (without caudal), the diameter of the eye four times and two-thirds or five times in

¹ Vid. Meddel. nat. Foren. Kjøbenhavn, 1882, p. 244.

² Nyt Mag. f. Naturvid., 1884, p. 93.

³ Vid. Meddel. nat. Foren. Kjøbenhavn, 1882, p. 228.

⁴ This fish remained undescribed, and the name merely a MS. term, until Collett undertook its examination in 1878.