

between which and the sharp patulous edge the spiral threads of the exterior sculpture are just visible; it is very slightly emarginated above near the body, and well arched throughout, till along the canal, where it is straight but oblique. *Inner lip* straight across the body, hollow in the middle, and straight but unusually oblique down the whole pillar, which is not in the least twisted: a thin layer of glaze narrowly spreads along its whole length. *Operculum* thin, subtriangular, pointed behind, and bluntly so in front at the apex, which is subterminal, but slightly coiled in to the inner side. H. 0·9 in. B. 0·39. Penultimate whorl, height 0·16. Mouth, height 0·52, breadth 0·2.

This specimen is classed as a *Metula* with considerable doubt: the outer lip is not thickened externally, nor distinctly toothed internally; but these features are perhaps due to the shell not being quite full-grown; the mouth, too, is a little broad for the genus. The operculum of *Metula* is unknown to me; but Adams' figure of the operculum of *Cantharus* is in form very similar (only that in the Challenger species the apex is a little more turned in subspirally), and Troschel confirms Adams' classification here, and puts the two genera in closest collocation. The shell has some faint resemblance to *Pisania reticulata*, A. Ad.

2. *Pyrula*, Lamarck, 1799.

Species.

1. *Pyrula morio* (Linne).

2. *Pyrula ternatana* (Gmelin).

1. *Pyrula morio* (Linne).

Murex morio, Linne, Syst. Nat. (ed. 12), p. 1221, No. 552.

Le Nivar, Adanson, Senegal, p. 141, pl. ix. fig. 31.

Chemnitz, Conch. Cab., vol. iv. p. 139, pl. cxxxix. figs. 1300, 1301.

Fusus morio, Wood, Ind. Test., p. 131, pl. xxvi. fig. 78.

„ „ Lamarck, Anim. s. vert., vol. vii. p. 127, and (ed. Desh.) vol. ix. p. 451, sp. 16.

„ „ Deshayes, Encycl. méthod., vol. ii. (2) p. 155, pl. ccccxxx. fig. 3.

„ „ Kiener, Iconog., p. 56, sp. 46, pl. xxii. fig. 2, and pl. xxiii. fig. 2.

Pyrula morio, Reeve, Conch. Icon., vol. iv. pl. i. fig. 3.

„ „ Hanley, Ipsa Linn. Conch., pp. 300, 523.

„ „ Fischer, Cat. Coq. Guadeloupe, p. 8, sp. 1.

„ „ Kobelt in Conch. Cab. (ed. Küster), p. 35, pl. xxviii. figs. 4, 5, and pl. xxxiii. figs. 4, 5.

„ „ Sowerby, Thes. Conch., pt. 36, p. 102, sp. 13, pl. ccccxviii. figs. 1, 2.

„ „ Tryon, Manual, vol. iii. p. 111, pl. xliii. figs. 228, 229.

July 28, 1873. St Vincent, Cape de Verdes. 7 to 25 fathoms.

Habitat.—East and west sides of the Tropical Atlantic, Senegambia (Adanson), Guadeloupe (Fischer).