

Oliva pulchella, Marrat in Sowerby's Thes. Conch., pts. 29, 30, p. 40, sp. 213 (xxv. Gen.) pl. cccli. fig. 446.

„ (*Olivella*) *pulchella*, Weinkauff in Conch. Cab. (ed. Küster), p. 137, pl. xxxv. figs. 11, 12.

Olivella pulchella, Tryon, Manual, vol. v. p. 71, pl. xvii. fig. 40.

Station 113A. September 1, 1873. Lat. 3° 47' S., long. 32° 24' 30" W. Anchorage off Fernando-Noronha. 7 to 25 fathoms. Volcanic sand and gravel.

Habitat.—West Indies.

The Challenger obtained two fragments of an *Oliva*, which I believe to be this species, but I cannot assign them to it without some doubt.

Gray (*loc. cit.*, p. 53) says that this is the *Oliva pulchella*, Reeve, Conch. Icon., pl. xxx. fig. 98, the *Oliva oryza*, Lam., Reeve, Conch. Icon., pl. xxvii. fig. 81, the *Oliva menilifera*, Reeve, Conch. Icon., pl. xxvii. fig. 84, and the *Oliva pellucida*, Reeve, Conch. Icon., pl. xxvii. fig. 85. Weinkauff (*loc. cit.*), says it is the *Oliva leucozonias*, Gray, which Tryon denies.

I have quoted the authorities given above, but can hardly believe they have all had the same species before them.

8. *Oliva (Olivella) ambliia*,¹ Watson (Pl. XIII. fig. 9).

Oliva (Olivella) ambliia, Watson, Prelim. Report, pt. 12, Journ. Linn. Soc. Lond., vol. xvi. p. 341.

Station 122. September 10, 1873. Lat. 9° 5' S., long. 34° 50' W. Off Pernambuco. 350 fathoms. Red mud.

Shell.—Small, oval-oblong, glossy, white, with a short blunt spire, a conical base, and a small oval mouth. *Sculpture*: Longitudinals—lines of growth very faint. Spirals microscopic and obsolete. *Colour* porcellanous white, more or less transparent. *Spire* short, convexly conical. *Apex* bluntly rounded. *Whorls* 4½, conical, barely convex, with a minute sharp scalar projection below the suture. *Suture* minutely channelled. *Mouth* oval, pointed and channelled above, slightly narrowed below. *Outer lip* sharp and thin, patulous; below, it projects in a blunt point on the right side, between which and the pillar is the broad, open, shallow canal. *Inner lip*: there is a thick, narrow, irregular-edged pad; this in front coils round the pillar, which is bent, twisted, short, truncated, and toothless. H. 0·15 in. B. 0·11. Penultimate whorl, height 0·06. Mouth, height 0·1, breadth 0·07.

In general size and proportions this a good deal resembles *Oliva spreta*, Gould; but that is lower in the spire, the peripheral breadth lies higher, the shell is more attenuated in front, the mouth is longer, and the pillar is more defined by a pad crossed at the point by two teeth.

¹ ἀμβλύς, blunt.