

The umbilicus of the shell is almost imperceptible. There is no tentacular lobe to the fin, as Boas has already noted.

Habitat.—Atlantic Ocean, from 40° S. to 30° N.; Indian Ocean, south-east of Arabia ("Vettor Pisani" Expedition, March 8, 1885); Pacific Ocean, Botany Bay (Angas);¹ China Sea and West Pacific to 40° N. ("Galathea" Expedition); Equatorial Pacific, South Pacific to 37° S. (Knocker); South-east Pacific (d'Orbigny).²

The empty shells of this species have been gathered from the deep-sea deposits in the Mediterranean, where the species is no longer found alive, in the Ægean Sea (Jeffreys), and in the Mediterranean dredgings of the "Travailleur" (Fischer);³ in the North Atlantic (by the "Valorous" Expedition,⁴ and by the first "Porcupine" Expedition, 1869).

Challenger Specimens.—I. Living specimens.

Between Stations 162 and 163, April 3, 1874; Melbourne to Sydney; lat. 38° 7' S., long. 149° 18' E.

Station 175, August 12, 1874; Fiji to Raine Island; lat. 19° 2' S., long. 177° 10' E.

Station 181, August 25, 1874; Fiji to Raine Island; lat. 13° 50' S., long. 151° 49' E.

Station 201, October 26, 1874; Amboina to Samboangan; lat. 7° 3' N., long. 121° 48' E.

Station 243, June 26, 1875; Yokohama to Sandwich Islands; lat. 35° 24' N., long. 166° 35' E.

Between Stations 247 and 248, July 4, 1875; Yokohama to Sandwich Islands; lat. 36° 42' N., long. 179° 50' W.

Station 337, March 19, 1876; Tristan da Cunha to Ascension Island; lat. 24° 38' S., long. 13° 36' W.

On April 26, 1876; off St. Vincent (Cape Verde); lat. 16° 49' N., long. 25° 14' W.

Near Station 354, May 7, 1876; off Azores; lat. 34° 22' N., long. 34° 23' W.

II. Deposit shells.

Station VIII., February 12, 1873; off Canary Islands; lat. 28° 3' 15" N., long. 17° 27' 0" W.; depth, 620 fathoms; bottom, volcanic mud.

Station 3, February 10, 1873; Tenerife to Sombrero Island; lat. 25° 45' N., long. 20° 14' W.; depth, 1525 fathoms; bottom, hard ground.

Station 23, March 15, 1873; off Sombrero Island; lat. 18° 24' N., long. 63° 28' W.; depth, 450 fathoms; bottom, Pteropod ooze.

Station 24, March 25, 1873; off Culebra Island; lat. 18° 38' 30" N., long. 65° 5' 30" W.; depth, 390 fathoms; bottom, Pteropod ooze.

Station 32B, April 3, 1873; St. Thomas to Bermuda; lat. 32° 10' N., long. 64° 52' W.; depth, 950 fathoms; bottom, coral mud.

¹ Angas, *Proc. Zool. Soc. Lond.*, 1871, p. 99.

² It is cited from Sicily after Allery by Tiberi, *Ann. Soc. Malacol. Belg.*, t. xiii. p. 76.

³ *Comptes rendus*, t. xciv. p. 1201.

⁴ *Ann. and Mag. Nat. Hist.*, ser. 4, vol. xix. p. 337.