

rounded, very crowded ribs, the parting furrows being shallow and narrow; they run pretty continuously down the spire, but are interrupted by the suture; they die out slowly on the base. Spirals—below the suture the ribs at their origin are slightly expanded so as to form a kind of collar, and there round the whorls are traces of minute spirals in the furrows of the ribs (but the specimens are somewhat rubbed). *Colour* white. *Spire* high, conical, with a slightly convex outline. *Apex*: the top is somewhat blunt, and from one side of it rises a small dome-shaped tip. *Whorls*: 7 in all; they are slightly tumid below and flatly conical above; the last has a rounded slightly produced base. *Suture* oblique, a very little impressed. *Mouth* small, oval, pointed above. *Outer lip* broken. *Inner lip* strong and defined on the body, concave out to the point of the short pillar, which has a strong tooth near its top and a slight umbilical depression behind it. H. 0.133 in. B. 0.051.

The mouth in the specimens of this shell is so much broken that no measurements are possible. There is a single specimen of an *Odostomia* from Honolulu, 40 fathoms, which may be this species, but is somewhat smaller and has shorter whorls. I have not therefore felt quite able to reckon it as the same, nor yet to part them.

13. *Odostomia (Obeliscus) nitidula* (A. Adams).

*Syrnola nitidula*, A. Adams, Ann. and Mag. Nat. Hist., 1860, ser. 3, vol. vi. p. 335.

*Obeliscus nitidulus*, A. Adams, Japan. Obeliscinæ, Proc. Zool. Soc. Lond., 1862, p. 232, sp. 5.

„ „ Dunker, Moll. Mar. Japon., p. 75.

*Pyramidella (Tiberia) nitidula*, J. Gwyn Jeffreys, Moll. "Lightning" and "Porcupine," Proc. Zool. Soc. Lond., 1884, p. 363, pl. xxvii. fig. 8.

Station 24. March 25, 1873. Lat. 18° 38' 30" N., long. 65° 5' 30" W. North of Culebra Island, West Indies. 390 fathoms. Pteropod ooze.

Station 75. July 2, 1873. Lat. 38° 38' N., long. 28° 28' 30" W. Off Fayal, Azores. 450 to 500 fathoms. Volcanic mud.

*Habitat*.—The Bay of Biscay, from 227 to 1095 fathoms; the Mediterranean, from 207 to 1456 fathoms (Jeffreys); Japan, 25 to 63 fathoms (A. Adams); Corea, 40 to 488 fathoms (Jeffreys).

From an examination of Dr Gwyn Jeffreys' specimens of this species, I am satisfied that those of the Challenger only differ in the fulness of their development.

14. *Odostomia (Parthenia) casta* (A. Adams).

*Monoptygma casta*, A. Adams, Proc. Zool. Soc. Lond., 1851, p. 223.

„ „ A. Adams in Sowerby's Thes. Conch., vol. ii. pt. 15, p. 818, sp. 6, pl. clxxii. fig. 22, and *Monoptygma concinna*, fig. 34.

*Myonia concinna*, Angas, Port Jackson Moll., Proc. Zool. Soc. Lond., 1867, p. 225, sp. 251.