

Station 162. April 2, 1874. Lat. $39^{\circ} 10' 30''$ S., long. $146^{\circ} 37'$ E. Off East Mon-cœur Island, Bass Strait. 38 fathoms. Sand and shells.

April 17-18, 1874. Port Jackson, Sydney. 2 to 10 fathoms.

Habitat.—China Seas (A. Adams); Port Jackson (Angas).

The types of the *Monoptygma casta*, A. Adams, and *Monoptygma concinna*, A. Adams, preserved in the British Museum, are identical. The former name being the older is that which should be preserved. As to the generic name *Myonia*, Dana introduced it in 1847 (Amer. Journ. Sci. and Arts, vol. iv. p. 158). Then in 1848 (*ibid.*, vol. v. p. 438) he seems to have changed it to *Mæonia*, but by it he described a "genus (fossil?) *Astartidarum*." Then in 1860 (Ann. and Mag. Nat. Hist., p. 406) A. Adams introduced *Myonia* without any reference to Dana. "This genus," he says, "will include most of the species described by me as belonging to *Monoptygma* in Sowerby's Thesaurus, and should be placed in the family *Actæonidæ*." He gives no reason for this opinion.

15. *Odostomia (Turbonilla) compressa*, Jeffreys.

Odostomia (Turbonilla) compressa, J. Gwyn Jeffreys, Moll. "Lightning" and "Porcupine," Proc. Zool. Soc. Lond., 1884, p. 360, sp. 43, pl. xxvii. fig. 5.

Station 73. June 30, 1873. Lat. $38^{\circ} 30'$ N., long. $31^{\circ} 14'$ W. West of Azores. 1000 fathoms. Pteropod ooze. Bottom temperature $39^{\circ} 4$.

Station 75. July 2, 1873. Lat. $38^{\circ} 38'$ N., long. $28^{\circ} 28' 30''$ W. Off Fayal, Azores. 450 to 500 fathoms. Volcanic mud.

Habitat.—Atlantic, between Falmouth and Gibraltar, from 72 to 1095 fathoms; Mediterranean, near Gibraltar, 586 fathoms; Gulf of Marseilles, west coast of Africa, and the Cape Verdes, 363 to 1622 fathoms (Jeffreys).

The Challenger representatives of this species consist of the upper half of the shell from the second station, and the lower half from the first. Dr Gwyn Jeffreys identified them for me with his species, which I have not seen.

16. *Odostomia (Turbonilla) densicostata* (Philippi).

Chemnitzia densicostata, Philippi, Enumeratio, vol. ii. p. 137, sp. 5, pl. xxiv. fig. 9.

Turbonilla densicostata, Weinkauff, Conch. Mittelmeer., vol. ii. p. 210, sp. 6.

Odostomia (Turbonilla) densicostata, Monterosato, Enumeraz., p. 34.

Pyrgostalis densicostata, Monterosato, Nomenclatura, p. 90.

Station 24. March 25, 1873. Lat. $18^{\circ} 38' 30''$ N., long. $65^{\circ} 5' 30''$ W. North of Culebra Island, West Indies. 390 fathoms. Pteropod ooze.

Habitat.—The Mediterranean (Philippi).

Fossil.—Postpliocene of Italy (Philippi).