

Ianthina rotundata, Küster, Conch. Cab. (ed. Küster), p. 4, pl. i. figs. 1, 2.

„ „ Monterosato, Enumerazione, p. 35.

„ *communis*, Sowerby, Thes. Conch., pt. 38, p. 50, sp. 3, pl. ccccxliii. (i. Gen.) figs. 7, 8.

June 20, 1873. Lat. 35° 35' N., long. 50° 27' W. Surface.

Station 73. June 30, 1873. Lat. 38° 30' N., long. 31° 14' W. West of Azores.
1000 fathoms. Pteropod ooze.

Station 133. October 11, 1873. Lat. 35° 41' S., long. 20° 55' W. Mid-Atlantic.
1900 fathoms. Globigerina ooze.

Habitat.—Great Britain, France (Jeffreys), Azores (Drouet), Madeira (my dredgings),
Canaries (M'Andrews), Mediterranean (Monterosato).

I avoid other quotations of interest, such as Lischke (Conch. Japan, vol. iii. p. 52, *Ianthina fragilis*, Lam.), and Krauss (Südafr. Moll., p. 92, *Ianthina communis*), the citation of which would involve a discussion of the synonymy and species of this genus, on which I am not called upon to enter.

Family SOLARIIDÆ, Chenu, 1859.

This family was first differentiated by Gray (see Mrs Gray's figures, vol. iv. pt. 2; Dr Gray's Systematic Arrangement, 1850, p. 79, fam. 13) under the name *Architectomidæ*. The Messrs Adams (Genera, vol. i. p. 241) correct this word to *Architectonicidæ*, without reference to Gray. Chenu in 1859 set aside Gray's name in favour of *Solariidæ* (see Manuel, vol. iii. p. 232), but without assigning any reason for the change. Deshayes in 1864 (Animaux sans vertèbres du bassin de Paris, vol. ii. p. 65), without mention of Chenu, substituted *Solariidæ* for Gray's name, supporting the change by reasons which, though a little overpressed, are unanswerable. It is somewhat singular that Keferstein in 1866 (see Bronn's Thier-Reich, vol. iii.; Weichthiere, p. 1052), and Weinkauff in 1868 (Moll. des Mittelmeeres, vol. ii. p. 260), both seem either to have been unaware of the author of the name of the family or to have claimed it as their own.

Genera. 1. *Solarium*, Lamarck. 2. *Bifrontia*, Deshayes. 3. *Trachysma*, G. O. Sars.

1. *Solarium*, Lamarck, 1799.

Species.

1. *Solarium (Architectonica) perspectivum*, Linne.
2. *Solarium (Architectonica) reevei*, Hanley.
3. *Solarium (Torinia) rosulentum*, Wats.

1. *Solarium (Architectonica) perspectivum* (Linne).

Trochus perspectivus, Linne, Syst. Nat., 10th ed., p. 757, and 12th ed. p. 1227, No. 581, in part.

„ „ Chemnitz, Conch. Cab., vol. v. p. 121, pl. clxxii. fig. 1693 (figs. 1691, 1692, 1694–96, *exclusis*) [vol. xi. p. 162, pl. cxcvi. figs. 1884–85, represents *Solarium maximum*, Phil., f. Hanley.]

Solarium formosum, Hinds, Proc. Zool. Soc. Lond., 1844, p. 22, sp. 1.

„ *zonatum*, Philippi, Zeitschr. f. Malak., 1848, p. 173, sp. 54.

australe, Philippi, Zeitschr. f. Malak., 1848, p. 168, No. 44.