

In this shell the embryonic apex, which consists of four whorls, is sharp and narrow, and the three lower whorls of the four are scored with the characteristic markings of the *Clathurellas*. The extreme tip is very indistinctly and closely dotted with tubercles, which seem somewhat linearly arranged. Dr Gwyn Jeffreys (Proc. Zool. Soc. Lond., 1873, p. 397, *ut supra*) says that the "point is usually sharp, but sometimes blunt and button-shaped." I have seen nothing like such a variety of form in the apex of any of the Challenger specimens of this species, nor indeed in any shells of the whole *Clathurella* group.

3. *Clathurella leufroyi* (Michaud).

- Pleurotoma leufroyi*, Michaud, Coq. Viv. Medit., Bull. Soc. Linn. Bordeaux, vol. ii. p. 121, pl. i. figs. 5, 6.
 ,, *inflata* (not of Jan), Philippi, Enumeratio, vol. i. p. 197, pl. xi. fig. 24.
 ,, *leufroyi*, Kiener, Iconog., p. 70, pl. xxiv. fig. 3.
 ,, ,, Philippi, Enumeratio, vol. ii. pp. 165, 174.
 ,, ,, Reeve, Conch. Icon., vol. i. pl. xvi. fig. 131.
Mangelia leufroyi, Forbes and Hanley, Brit. Moll., vol. iii. p. 468, pl. cxiii. figs. 6, 7, and pl. RR. fig. 1.
Pleurotoma leufroyi, Hörnæs, Foss. Moll. Wien, vol. i. p. 373, pl. xl. fig. 16.
Defrancia leufroyi, Gwyn Jeffreys, Brit. Conch., vol. iii. p. 366, vol. v. p. 219, pl. lxxxix. fig. 1.
 ,, ,, Weinkauff, Conch. Mittelmeeres, vol. ii. p. 132, sp. 4.
 ,, ,, Gwyn Jeffreys, Medit. Moll., Ann. and Mag. Nat. Hist., 1870, 4th ser., vol. vi. p. 18.
Homotoma leufroyi, Bellardi, Moll. Terr. Terz. Piemonte, &c., vol. ii. p. 274, sp. 13.
Pleurotoma leufroyi, Monterosato, Enumeraz., p. 46.
Homotoma leufroyi, Seguenza, Form. Terz. Calabria, p. 258.

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

Habitat.—From Scotland to the Mediterranean, 0 to 310 fathoms (Jeffreys), Madeira (my dredgings), Canaries (M'Andrew).

Fossil.—Miocene (Hörnæs), Upper Pliocene (Bellardi), Pleistocene (Weinkauff).

4. *Clathurella reticulata* (Renier).

- Murex reticulata*, Renier, Tavola Alfabet. d. Conch. Adriat., p. 2.
 ,, *echinatus*, Brocchi, Conch. Foss. Subap., p. 423 (2d ed., vol. ii. p. 216), pl. viii. fig. 3.
Pleurotoma reticulata, Philippi, Enumeratio Moll. Sicil., vol. i. p. 196, vol. ii. pp. 165, 174.
 ,, ,, Reeve, Conch. Icon., vol. i. pl. xv. fig. 122.
Clavatula cancellata, S. V. Wood, Crag. Moll., vol. i. p. 61, pl. vii. fig. 9.
Defrancia reticulata, Gwyn Jeffreys, Brit. Conch., vol. iv. p. 370, vol. v. p. 220, pl. lxxxix. figs. 3, 4.
 ,, ,, Weinkauff, Conch. Mittelmeeres, vol. ii. p. 128.
Homotoma reticulata, Bellardi, Moll. Terr. Terz. Piemonte, vol. ii. p. 268.
Pleurotoma reticulata, Monterosato, Enumeraz., p. 46.
Homotoma reticulata, Seguenza, Form. Terz. Calabria, p. 257.

Habitat.—Mediterranean and North Atlantic, from Shetland to Madeira.

Fossil.—From the Middle Miocene onwards (Bellardi).