

1. *Clathurella crispata* (Jan).

*Pleurotoma crispata*, Jan, Cat. rer. nat. Museo Crist. et Jan, p. 9, No. 25.

" " Philippi, Enumeratio Moll. Sicil., vol. i. p. 200, vol. ii. pp. 170, 175, pl. xxvi. fig. 12.

" " Hörnæs, Foss. Moll. Wien, vol. i. p. 367, pl. xxxix. fig. 13.

" " Reeve, Conch. Icon., vol. i. pl. xix. fig. 156.

" " Weinkauff, Conch. Mittelmeeres, vol. ii. p. 121.

*Defrancia crispata*, Gwyn Jeffreys, Medit. Moll., Ann. and Mag. Nat. Hist., 1870, 4th ser., vol. vi. p. 19.

" " Gwyn Jeffreys, "Travailleur" Dredgings in Bay of Biscay, Ann. and Mag. Nat. Hist., 1880, 5th ser., vol. vi. p. 318, No. 127.

" " Gwyn Jeffreys, Brit. Assoc. Report on "Travailleur" Dredgings, 1880, p. 9, No. 164.

*Drillia crispata*, Bellardi, Moll. Terr. Terz. Piemonte, &c., vol. ii. p. 131, No. 56, pl. iv. fig. 21.

" " Seguenza, Form. Terz. Calabria, p. 103.

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

Station 122. September 10, 1873. Lat. 9° 5' S., long. 34° 53' W. Off Pernambuco. 350 fathoms. Red mud.

*Habitat*.—Mediterranean, 0 to 250 fathoms (Jeffreys).

*Fossil*.—From the Middle Miocene onwards (Bellardi), Pleistocene (Weinkauff).

The Marquis of Monterosato (Enumerazione, p. 45) says that the living Mediterranean species *Pleurotoma loprestiana*, Calc., has been confounded with the *Pleurotoma crispata*, Jan. If I have not followed him here it is merely because I do not know the limits of the two species, and therefore think it safer to follow the nomenclature of the British Museum, which has specimens under the name of Jan's species, and it is with these that the Challenger shells agree.

2. *Clathurella formosa* (Jeffreys).

*Defrancia formosa*, Gwyn Jeffreys, "Travailleur" Dredgings in Bay of Biscay, Ann. and Mag. Nat. Hist., 1880, 5th ser., vol. vi. p. 318, No. 129 (as a MS. name).

" " Gwyn Jeffreys, Brit. Assoc. Report on "Travailleur" Dredgings, 1880, p. 9, No. 166 (as a MS. name).

" " Gwyn Jeffreys, Moll. "Triton" Exped., Proc. Zool. Soc. Lond., 1883, p. 397, No. 9, pl. xlv. fig. 9 (not *Pleurotoma formosa*, Reeve).

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 73. June 30, 1873. Lat. 38° 30' N., long. 31° 14' W. West of Azores. 1000 fathoms. Pteropod ooze. Bottom temperature 39°·4.

Station 78. July 10, 1873. Lat. 37° 26' N., long. 25° 13' W. Off San Miguel, Azores. 1000 fathoms. Volcanic mud.

Station 85. July 19, 1873. Lat. 28° 42' N., long. 18° 6' W. Off Palma, Canaries. 1125 fathoms. Volcanic mud.