

*Habitat.*—The whole North-east Atlantic, from the Lofotens to the Mediterranean, the Canaries, and Mogador.

*Fossil.*—In the Pliocene of the whole of Central and Southern Europe.

The discovery of this species so far south is interesting, but the depth at which it occurred at both Stations is an important fact in this connection. The specimen from Station 135 lacks the characteristic sculpture of the species, but similar smooth specimens are not very uncommon wherever the species is abundant. The specimens from Station 344 are young shells, and the larger has unfortunately been crushed since I determined the species, but I have no doubt that the determination was correct. I am hardly so sure that the specimen from Station 135 is correctly determined, and I had originally separated it and described it as new under the name of *Cylichna macra*, but subsequent revision made the differences on which the species was founded seem questionable.

5. *Cylichna ovata*, Jeffreys (Pl. XLIX. fig. 9).

*Cylichna conulus* (not of S. Wood nor of Weinkauff), var. Gwyn Jeffreys, Brit. Conch., vol. iv. p. 414, and vol. v. p. 223.

„ *ovata*, Gwyn Jeffreys, Brit. Assoc. Report, 1870, "Porcupine" Exped., p. 156.

„ „ Gwyn Jeffreys, Brit. Assoc. Report, 1880, "Travailleur" Exped., p. 10, No. 172.

„ „ Gwyn Jeffreys, "Washington" Exped., Ann. and Mag. Nat. Hist., 1882, ser. 5, vol. x. p. 34.

*Cylichno ovata*, Seguenza, Form. Terz. Calabria, p. 252.

(?) 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. Bottom temperature 39°·4 F. Pteropod ooze.

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

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

Station 122. September 10, 1873. Lat. 9° 5' S., long. 34° 50' W. Pernambuco. 350 fathoms. Red mud.

*Habitat.*—North-east Atlantic, in deep water (Jeffreys).

*Fossil.*—Middle Pliocene of Italy (Seguenza).

6. *Cylichna discus*, Watson (Pl. XLIX. fig. 10).

*Cylichna discus*, Watson, Prelim. Report, pt. 19, Journ. Linn. Soc. Lond., vol. xvii. p. 319.

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.