

- Ziziphinus exiguus*, Adams, Monog. Trochid., Proc. Zool. Soc. Lond., 1851, p. 165, No. 25.  
 „ *exasperatus*, Reeve, Conch. Icon., vol. xiv. pl. viii. fig. 54.  
*Trochus exasperatus*, Jeffreys, Brit. Conch., vol. iii. p. 324, and vol. v. p. 203, pl. lxiii. fig. 3.  
 „ „ Hidalgo, Moll. test. marins Espagne, Journ. de conch., vol. xv. p. 401, sp. 6.  
 „ *exiguus*, Weinkauff, Conch. d. Mittelm., vol. ii. p. 365, sp. 10.  
 „ *exasperatus*, Aradas and Benoit, Conch. viv. Sicil., p. 161, No. 433.  
 „ „ Monterosato, Conch. foss. Monte Pellegrino, p. 29.  
 „ „ Monterosato, Enumeraz., p. 22.  
 „ „ Fischer in Kiener's Iconog., p. 266, sp. 147, pl. lxxxix. fig. 1.  
 „ „ Seguenza, Formaz. Terz., pp. 272, 320, 356.  
 „ „ Jeffreys, "Lightning" and "Porcupine" Moll., Proc. Zool. Soc. Lond., 1883, p. 105, sp. 28.

Station 75. July 2, 1873. Lat. 38° 38' N., long. 28° 28' 30" W. Off Fayal, Azores. 50, 90, and 450 fathoms. Volcanic mud.

*Habitat.*—From the English Channel to the Canaries and the whole Mediterranean basin from 0 to 105 fathoms.

*Fossil.*—From the Zanclean or lowest Pliocene of Sicily and Calabria onwards (Seguenza).

Chemnitz (*loc. cit.*) gives to this species a very few words of description beginning, it is true, with the words "*Trochus minutus*," but the reason for not following Dillwyn and Deshayes in adopting that name is, that Chemnitz expressly says (what indeed is obvious) that he did not consider his description of the species complete. I have, in spite of Dr. Fischer, quoted Chemnitz, f. 1530, for this species, because it exactly represents a very aberrant form which I dredged in Madeira, but which certainly belongs to this species.

This species is extremely abundant at Madeira. This species, *Trochus zizyphinus*, *Venus casina*, and *Venus ovata*, all came to me under a label which bore "St. 75," but the depth marked on the label was only 50 to 90 fathoms.

Dr Gwyn Jeffreys has expressed in his British Conchology (*loc. cit.*), and repeated with increased conviction in his "Lightning" and "Porcupine" Moll. (*loc. cit.*), his doubts of the distinctness of this species, from *Trochus striatus*, Linn. On a point such as this, lying in a field which Dr Gwyn Jeffreys has so thoroughly made his own, the greatest deference is due to his opinion. At the same time, the very great number of specimens, young and old of both species, which I collected in Madeira, the similarity of their distribution, the absence of any connecting links between them, and the certainty with which in all cases they can be distinguished, compel me to say that I am at a loss to imagine what grounds there can be for an opinion which, I think, is held by Dr Gwyn Jeffreys alone.

## 12. *Trochus (Ziziphinus) similaris*, Reeve.

- Ziziphinus similaris*, Reeve, Conch. Icon., vol. xiv. pl. v. fig. 32.  
 „ „ Brazier, "Chevert" Moll., Proc. Linn. Soc. New South Wales, 1878, vol. ii. p. 44, No. 17.