

This is a most exceptional and peculiar little species, quite unlike any other.

In Professor Seguenza's figure the little rounded tubercles which stud the glossy surface of the shell are arranged in regular horizontal and less regular vertical rows; but in all the specimens I have seen, kindly sent me by Professor Seguenza, they arrange themselves transversely. In the Challenger specimen these tubercles are much more numerous and smaller, and are horizontally oblong, not round as in the fossil shell. Professor Seguenza (*loc. cit.*) refers to "due solchette laterali, superficiali poco distinti," which run downwards and forwards from the top on the line of attachment of the internal septum. Of these there is barely a trace in the Challenger specimen.

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Family HALIOTIDÆ, Flem., 1828.

Genus *Haliotis*, Linne, 1758.

Species.

1. *Haliotis nævosa*, Martyn.                      2. *Haliotis varia*, Linne.

1. *Haliotis nævosa*, Martyn.

*Haliotis nævosa*, Martyn, Univ. Conch., vol. ii. f. 63.

„ *tubifera*, Encyclop. méthod., vol. ii. (pt. 2), p. 179, No. 3 (in part).

„ *nævosa*, Lamarck, Anim. s. vert. (ed. Desh.), vol. ix. p. 34, No. 20.

„ „ Reeve, Conch. Icon., vol. iii. pl. viii. fig. 27a, and pl. ix. fig. 27b and c.

„ „ Sowerby, Thes. Conch., pts. 37, 38, p. 31, No. 59, pl. cccxxxiii. (*Gen. vi.*) fig. 39, pl. cccxxxvii. (*Gen. x.*) fig. 73.

„ „ Angas, South Austr. Moll., Proc. Zool. Soc. Lond., 1865, p. 183, No. 178.

„ „ Angas, Port Jackson Moll., Proc. Zool. Soc. Lond., 1867, p. 218, No. 203.

„ „ Weinkauff, Conch. Cab. (ed. Küster), p. 34, pl. xiv. figs. 1-3.

April 17-18, 1874. Port Jackson, Sydney. 2 to 10 fathoms.

April 23, 1874. Port Jackson, Sydney. 6 to 15 fathoms.

*Habitat.*—Australia (British Museum), Port Jackson (Angas).

2. *Haliotis varia*, Linne. (See Appendix, No. 1.)

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Family TROCHIDÆ, D'Orb, 1837.

Genera. 1. *Trochus*, Linne. 2. *Gaza*, Wats. 3. *Bembix*, Wats. 4. *Basilissa*, Wats. 5. *Seguenzia*, Jeffr. 6. *Stomatella*, Lam. 7. *Scissurella*, D'Orb. 8. *Schismope*, Jeffr. 9. *Homalogyra*, Jeffr. 10. *Cyclostrema*, Marryat. 11. *Phasianella*, Lam. 12. *Turbo*, Linn.

1. *Trochus*, Linne, 1758.

Species.

1. *Trochus niloticus*, Linne.

2. *Trochus (Clanculus) clangulus*, Wood.

3. *Trochus (Clanculus) homalomphalus*, Wood.

4. *Trochus (Clanculus) maugeri*, Wood.

5. *Trochus (Clanculus) floridus*, Philippi.

6. *Trochus (Euchelus) atratus* (Gmel.)

7. *Trochus (Euchelus) baccatus* (Menke).

8. *Trochus (Euchelus) dunkeri*, Kosh.

9. *Trochus (Monodonta) labio*, Linne.

10. *Trochus (Zisiphinus) decoratus*, Phil.

11. *Trochus (Zisiphinus) exasperatus*, Pennt.

12. *Trochus (Zisiphinus) similaris*, Reeve.