

This species is not unlike *Cylichna cylindracea* (Pennant), but is larger, and is much less truly cylindrical, being attenuated in front and behind and rounded in the middle; the spirals, too, are coarser, especially in front.

3. *Cylichna cuticulifera* (E. A. Smith).

Haminea cuticulifera, E. A. Smith, Ann. and Mag. Nat. Hist., ser. 4, 1872, vol. ix. p. 350.

Bulla (Haminea) cuticulifera, Angas, Port Jackson Moll. (additional), Proc. Zool. Soc. Lond., 1877 p. 189, No. 134.

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

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

July 29, 1874. Levuka, Fiji. 12 fathoms.

Habitat.—New Zealand and Port Jackson (E. A. Smith).

This species is peculiar in combining a very cylindrical form with a very narrowly reverted and truncated pillar lip. Mr E. A. Smith, who kindly examined my specimens, remarks that the British Museum "specimens have the apical foramen covered by a thin callosity," which is not present in most of the Challenger specimens. It seems to be very easily abraded.

4. *Cylichna cylindracea* (Pennant).

Bulla cylindracea, Pennant, Brit. Zool., vol. iv. p. 117, pl. lxx. fig. 85.

„ *cylindrica*, Bruguière, Encycl. méthod., vers, vol. i. p. 371, sp. 1 (excl. foss.)

„ *convoluta*, Brocchi, Coq. foss. subappen., vol. ii. p. 276, pl. i. fig. 7.

„ *cylindracea*, Dillwyn, Catalogue, vol. i. p. 496, sp. 57.

„ „ Wood, Ind. Test., p. 96, pl. xviii. fig. 57.

„ „ Lamarck, Anim. s. vert. (ed. Desh.), vol. vi. p. 675, sp. 18.

„ *convoluta*, Philippi, Enum. Moll. Sicil., vol. i. p. 123, vol. ii. p. 97.

Cylichna cylindracea, Lovén, Ind. Moll. Scandinav., Öfversigt, Kongl. Vet.-Akad. Förhandl., 1846, p. 142, No. 63.

Bulla cylindracea, S. Wood, Crag. Moll., Palæont. Soc., vol. i., p. 175, pl. xxi. fig. 1.

„ [(*Cylichna*) *cylindracea*, A. Adams in Sowerby's Thes. Conch., pt. 11, vol. ii. p. 590, pl. cxxv. fig. 137.

Cylichna cylindracea, Forbes and Hanley, vol. iii. p. 508, pl. cxiv. B. fig. 6, pl. V. V. fig. 3. 1

„ „ Jeffreys, Brit. Conch., vol. iv. p. 415, pl. viii. fig. 1, vol. v. pl. xciii. fig. 4.

„ „ Weinkauff, Conch. Mittelmeeres, vol. ii. p. 194, sp. 1.

„ „ Monterosato, Enumerazione, p. 50.

„ „ G. O. Sars, Moll. Arct. Norv., p. 283, pl. xvii. fig. 12, pl. xi. bis, fig. 4.

„ „ Seguenza, Form. Terz. Calabria, pp. 252, 318, 351.

Station 135c. October 17, 1873. Lat. 37° 25' 30" S.; long. 12° 28' 30" W. Nightingale Island, Tristan da Cunha. 110 fathoms.

Station 344. April 3, 1876. Lat. 7° 54' 20" S., long. 14° 28' 20" W. Ascension Island. 420 fathoms. Volcanic sand.