

Professor Seguenza holds Brocchi's fossil species in its Miocene and in some of its Pliocene forms to be distinct from *Nassa limata*, Chemnitz. Professor Bellardi also regards the two as distinct, pointing out in detail features of difference between them. Professor von Martens considers that both forms are still living, the species of Brocchi in the Mediterranean, and that of Chemnitz in the Atlantic, but refuses to separate them as distinct. I do not know the fossil form, and have therefore followed the common estimate of the species.

18. *Nassa (Hebra) echinata* A. Adams.

*Nassa (Hebra) echinata*, A. Adams, Proc. Zool. Soc. Lond., 1851, p. 101, sp. 67.

" " " Reeve, Conch. Icon., vol. viii. pl. xx. p. 131.

" " " E. A. Smith, Andaman Shells, Proc. Zool. Soc. Lond., 1878, p. 810, No. 31, pl. L. fig. 9.

" " " Tryon, Manual, vol. iv. p. 44, pl. xiv. figs. 223, 224.

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

*Habitat*.—Philippines (Adams), Andamans (E. A. Smith).

This species, like *Nassa muricata*, is placed by Adams in his sub-genus *Hebra*, and in the British Museum in the sub-genus *Utiza*, but can belong to neither, the outer lip being strongly varixed and internally lirate.

The Challenger specimens present a somewhat depauperated form of this species, but in all essentials agree with the type. In many respects they might be considered a spinose variety of *Nassa delicata*, A. Ad., but they are more glossy, not having the resinous sheen of that species, the spire is more stumpy, the longitudinal ribs are fewer and straighter, and the spirals are much stronger above, while on the base they are fewer and fainter. Varying from the type in size as these specimens do, I was glad to have my identification of them decidedly confirmed by the opinion of Mr Smith. In regard to *Nassa muricata*, Q. and G., to which Mr Tryon seems inclined to unite this, it may be well to say, that apart from very palpable differences, the embryonic apex, though very like, is higher and narrower, has a deeper suture, and a higher-placed carina than *Nassa echinata* has.

19. *Nassa (Hebra) muricata* (Quoy and Gaimard).

*Buccinum muricatum*, Quoy and Gaimard, "Astrolabe," vol. ii. p. 450, pl. xxxii. figs. 32, 33.

" " Kiener, Iconographie, p. 93, sp. 92, pl. xxvii. fig. 110.

" " Lamarck, Anim. s. vert. (ed. Desh.), vol. x. p. 198, sp. 79 (sec. *Nasses*).

*Nassa muricata*, A. Adams, Proc. Zool. Soc. Lond., 1851, p. 101, sp. 62.

" " Reeve, Conch. Icon., vol. viii. pl. xi. fig. 73.

" " Deshayes, Moll. Réunion, p. 129.

" (*Hebra*) *muricata*, v. Martens, Moll. Mauritius, &c., p. 244.

" " " Tryon, Manual, vol. iv. p. 44, pl. xiv. figs. 214, 218.

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