

Family CARDIIDÆ.

Subfamily CARDIINÆ.

Cardium, Linné.*Cardium (Acanthocardium) setosum*, Redfield.

Cardium setosum, Redfield, Ann. Lyceum Nat. Hist., New York, 1846, vol. iv. pl. v. p. 168, pl. xi. figs. 1, a, b, c.

Habitat.—Station 212, south of the Philippine Islands, in 10 to 20 fathoms; sand.

This interesting species was originally described from Chinese examples.

With it, in my opinion, should be united the *Cardium latum* of Chemnitz, Reeve, Römer, and other authors, which appears to be a different shell from that described by Born. The latter author's description (Test. Mus. Vindobon., p. 48) certainly accords better with the well-known *Cardium bullatum* of the West Indies than with the shell identified by the above authors.

Having very carefully compared the shell figured by Reeve (Conch. Icon., fig. 21) with examples of *Cardium setosum*, I am unable to discover any distinctions, except a slight difference in form, a character very variable in many species of this genus.

Cardium (Acanthocardium) papillosum, Poli.

Cardium papillosum, Poli, Test. utr. Sicil., vol. ii. p. 56, pl. xvi. figs. 2-4.

Cardium papillosum, Reeve, Conch. Icon., vol. ii. fig. 111.

Cardium papillosum, Philippi, Enum. Moll. Sicil., vol. i. p. 51, vol. ii. p. 38.

Cardium papillosum, Hanley, Cat. Rec. Shells, p. 137, pl. xvii. fig. 6.

Cardium papillosum, Jeffreys, Brit. Conch., vol. ii. p. 275, vol. v. pl. xxxv. fig. 1.

Cardium (Acanthocardium) papillosum, Römer, Conch.-Cab., ed. 2, p. 32, pl. xi. fig. 1.

Habitat.—Station 75, off Fayal, Azores, in 50 to 90 and 500 fathoms; and off Tenerife, Canaries, in 70 fathoms.

Cardium (Acanthocardium) sueziense, Issel (Pl. VIII. figs. 2-2b).

Cardium sueziensis, Issel, Mal. Mar. Rosso, p. 76, pl. iii. fig. 4 (not good).

Testa alba, inæquilateralis, mediocriter convexa, irregulariter rotundata, postice lata, oblique subtruncata, antice angustior, arcuata, costis radiantibus circiter 25 confertim tuberculatis ornata. Margo dorsi anticus brevis, arcuatim descendens, posticus rectiusculus, sursum inclinatus. Umbones parvi, paulo supra marginem dorsalem producti. Pagina interna alba, radiatim sulcata, ad marginem fortiter denticulata.

This species is about as long as high, irregularly rounded, narrower in front than behind, rather inequilateral, pure white, and ornamented with about twenty-five tuber-