

*Habitat.*—Station 188, south of New Guinea, in 28 fathoms (Challenger); Hong Kong Harbour (Gould).

There are two or three species which are so closely allied that if a large series of specimens were got together, in all probability it would be difficult to draw any lines of separation. All are very similar in form, agree in having a strong depression down the hinder side of the valves and a feebler one in front, and differ chiefly in the coarseness of the cancellation of the surface. *Lucina pisum*, Reeve, from Port Essington, is the most strongly sculptured of all, the radiating costæ being few in number, and as coarse or even coarser than the concentric ridges. *Lucina semperiana*, Issel, has more numerous and more slender radiating riblets than the preceding species, and its concentric ridging is of a stronger character than the riblets; and finally, *Lucina seminula*, Gould (judging from a specimen in the British Museum which had been compared with Gould's type), is ornamented with still finer concentric ridges and less conspicuous cross costellæ. All three forms have very deep lunules, especially *Lucina pisum*, and a peculiarly raised posterior dorsal area.

*Lucina (Codakia) pisum*, Reeve.

*Lucina pisum*, Reeve, Conch. Icon., vol. vi. pl. xi. figs. 66, a, b.

*Lucina pisum*, H. and A. Adams, Genera Rec. Moll., vol. ii. p. 467.

*Habitat.*—Station 188, south of New Guinea, in 28 fathoms (Challenger); Port Essington (Jukes in Brit. Mus.); Singapore, in sandy mud, at a depth of 7 fathoms (Cuming).

The radiating costæ in this species are only about eleven in number, very strong, and crossed by about sixteen stout concentric ridges, which are somewhat nodose upon the costæ, and gradually attenuated at both ends, which are devoid of longitudinal ribs. The lunule is small but remarkably deep, and wider than long. The inner edge of the valves is very strongly dentate along the lower margin, and very minutely crenulated at the posterior truncated side.

*Lucina (Codakia) levukana*, n. sp. (Pl. XIII. figs. 6–6a).

Testa minuta, mediocriter crassa, oblique ovata, inæquilateralis, alba, convexiuscula, lunula profunda instructa, liris tenuibus concentricis, aliisque radiantibus in interstitiis multo tenuioribus ornata. Margo dorsi anticus oblique excavatus, posticus rectiusculus, declivis. Latus anticum latum, rotundatum, posticum angustius. Umbones mediocriter producti, ad apicem incurvati, antice versi. Lunula profunda, margine elevato indistincto circumdata. Dentes cardinales valvæ sinistræ duo crassi, divergentes, subæquales; laterales validi, remoti. Margo valvarum internus minute denticulatus. Ligamentum internum, angustum, in sulco profundo positum.