

10. *Cæcum regulare*, Carpenter.

*Cæcum regulare*, Carpenter, Cæcidæ Monog., Proc. Zool. Soc. Lond., 1858, p. 428, sp. 22.

Station 122. September 10, 1873. Lat. 9° 5' S., long. 34° 50' W. Off Pernambuco. 350 fathoms. Red mud. One specimen.

This specimen differs a little from Carpenter's description of *Cæcum regulare*, but not enough to justify its erection into a separate species.

11. *Cæcum exile*, de Folin (CÆCIDÆ, Pl. III. figs. 20–22).

*Cæcum exile*, de Folin, Cæcidæ of the Challenger Expedition, Proc. Zool. Soc. Lond., 1879, p. 811.

Station 172. July 22, 1874. Lat. 20° 58' S., long. 175° 9' W. Tongatabu. 18 fathoms. Coral mud. One specimen.

Testa minima, paululo subconica, arcuata, vitrea, diaphana, tenuis, nitida, primum annulata, dein transversim striata, annulis minimis vix expressis, aperturam versus paululo inflata. Apertura parum contracta, vix obliqua, marginata. Septo vix elevato, submamillato, apice in medio sito.

Length, 0·059 in. Breadth, 0·012 in.

This pretty little species is somewhat broken at the mouth, but is otherwise perfect. It is slightly conical, crystalline, translucent, glossy and very thin. On the upper part there are rings, which though scarcely expressed are quite distinct under a magnifying glass. At about one-third from the apex they are replaced by irregularly disposed striations. Towards the mouth the shell is slightly dilated; but just at the edge it is faintly constricted and then even more faintly reflected. The septum is minute and very slightly elevated in the form of a centrally mamillated button.

The species differs from *Cæcum bipartitum*, de Folin (Les Fonds de la Mer, vol. i. p. 185, pl. xxv. figs. 9, 10) from Mexico, in size, thinness of shell, form of mouth and septum, and in sculpture. From *Cæcum semicinatum*, de Folin (Les Meléagrines, p. 42; Les Fonds de la Mer, p. 8) it differs in size, thinness, arrangement and form of the rings, and in the form of its septum.

12. *Cæcum crystallinum*, de Folin (CÆCIDÆ, Pl. III. figs. 23, 24).

*Cæcum crystallinum*, de Folin, Cæcidæ of the Challenger Expedition, Proc. Zool. Soc. Lond., 1879, p. 812.

July 1875. Reefs off Honolulu. 40 fathoms. One specimen.

Length? Breadth, 0·012 in.

An imperfect specimen, the upper part being broken off. It is evidently a new species, though nearly related to *Cæcum striatum*; de Folin (Fonds de la Mer, vol. i. pp. 49, 170, pl. v. fig. 3), from which it differs in that the shell expands towards the mouth and is thereafter contracted so as to form a minute gorge, with a slightly reflected lip. At first sight it resembles *Cæcum glabriforme*, Carp. (*Brochina*);