

5. *Cæcum chinense*, de Folin.

*Cæcum chinense*, de Folin, Les Fonds de la Mer, vol. i. p. 80, pl. ix. figs. 3, 4.

Station 186. September 8, 1874. Lat. 10° 30' S., long. 142° 18' E. Wednesday Island, Cape York. 8 fathoms. Coral mud. Surface temperature 77°·2 F. Two specimens.

Compared with the original types, the Challenger specimens have the transverse striations stronger, more regular, and more prominent, but they certainly belong to this species.

6. *Cæcum subflavum*, de Folin (CÆCIDÆ, Pl. II. figs. 13, 14).

*Cæcum subflavum*, de Folin, Cæcidæ of the Challenger Expedition, Proc. Zool. Soc. Lond., 1879, p. 810.

Station 186. September 8, 1874. Lat. 10° 30' S., long. 142° 18' E. Wednesday Island, Cape York. 8 fathoms. Coral mud. Surface temperature 77°·2 F. Two specimens.

Testa minuta, subcylindrica, paulo arcuata, primum albida, dein subflava, nitida, strigis irregularibus plus minusve expressis transversim cincta, aperturam versus tumida; inflatio rotundata, transversim sulcata. Apertura leviter obliqua, tumore circumdata. Septo haud elevato, bimamillato, seu mamillato-ungulato; margine laterali undulato, paululo convexo, fere plano decollationis parallelo.

Length of entire shell, 0·1 in.; length of the adult part, 0·07. Breadth, 0·016.

In this specimen the adolescent shell is still united to the full-grown adult, whose septum can be recognised within, through the thin walls of the earlier shell. A slight contraction of the tube indicates the place where decollation was about to take place. Such specimens are occasionally to be met with, and are very interesting.

The species belongs to the pretty numerous group of smooth Cæcums, all more or less nearly connected. Among these may be mentioned in particular *Cæcum auriculatum*, de Folin, *Cæcum bimamillatum*, de Folin, *Cæcum circumvolutum*, de Folin, *Cæcum massiliense*, de Folin, *Cæcum modestum*, de Folin, *Cæcum strigosum*, de Folin (see Les Fonds de la Mer); but from all of them this species differs in the mouth or in the septum.

In colour it is whitish near the apex and slightly yellowish towards the mouth. It is strongly but irregularly striated transversely. Near the mouth, which is little oblique, there is a rounded transversely furrowed varix bevelled off to a thin inner edge. The septum is bimamillated, having a slightly larger and higher swelling on the side which lies near the concave curve of the shell.

7. *Cæcum succineum*, de Folin (CÆCIDÆ, Pl. III. figs. 15, 16).

*Cæcum succineum*, de Folin, Cæcidæ of the Challenger Expedition, Proc. Zool. Soc. Lond., 1879, p. 810.

Station 186. September 8, 1874. Lat. 10° 30' S., long. 142° 18' E. Wednesday Island, Cape York. 8 fathoms. Coral mud. Surface temperature 77°·2 F. Two specimens.