

*Habitat.*—Navigator Islands (Semper).

(Mus. Holm.) One specimen from the Navigator Islands. The ambulacral appendages being retracted, it is very difficult to distinguish the difference between the pedicels and papillæ; possibly the latter have a smaller terminal plate and more numerous rod-like supporting rods. The buttons are sometimes furnished with eight holes instead of six.

*Holothuria immobilis*, Semper, 1868. *Holothuria collaris*, Haacke, 1880 (according to Ludwig).

Ventral surface with pedicels; dorsal surface with papillæ. The disks of the tables spinous. The buttons irregularly formed, with about six holes. Tentacles twenty-eight to thirty.

*Habitat.*—Philippine Islands (Semper), Mauritius (Haacke, Ludwig).

According to Semper, the deposits resemble those of *Holothuria pardalis*, consequently the spire of the tables terminates in eight to ten teeth.

(Mus. Holm.) One specimen dredged at the Navigator Islands. Length, 155 mm. Colour—ventral surface dirty yellowish-white, especially anteriorly, inclining to brown; dorsal surface brown with darker spots or bands; papillæ and tentacles almost white. Tentacles twenty-six. Anus with some papillæ. The spire of the tables is short but well-developed, and its annular top carries eight to ten or more teeth. The disks bear distinct spines round the margin, and are perforated with a larger central almost quadrangular hole and several smaller peripheral ones. The buttons are more or less asymmetrical, typically with six holes, but often with fewer. The papillæ are provided with a rudimentary terminal plate and with curved rods which are generally enlarged and perforated at the ends. The pedicels have a well-developed terminal plate, a few rods and perforated bilateral plates. Two very long Polian vesicles. A bundle of about ten small madreporic canals present on the right side of the dorsal mesentery, and only two such canals placed on the left side.

*Holothuria cæsarea*, Ludwig, 1875.

Pedicels all over the body excepting towards the extremities, where papillæ are substituted for pedicels. Deposits like those in the preceding species. Tentacles thirty.

*Habitat.*—Navigator Islands (Ludwig).

Further investigations will doubtless prove that there exists no specific distinction between the three forms above mentioned, but that they represent the same species, which, however, may be capable of variation in several respects.