

## HOLOTHURIA PENTACTES, var.

## Tab. VII. Fig. 4.

Cylindric, white, covered with a mottled film or epidermis that seems to obscure the real colour: along the body are five rows of papillæ disposed in double series, that at times give it a sub-pentangular form; but shape is a vague character in many of these animals, as in this some parts are often inflated, while others are contracted. The anterior end, for an inch or more, is of a purplish-brown, and furnished with eight large, and two very small contiguous, elegantly ramous tentacula of a purple and yellow colour; the tips of all the smaller ramifications are of the latter. When the animal was alive it was observable that one of the least arms, or tentacula, was always covering the mouth, and for that purpose were alternately in motion: the space within the arms is purple; the lips or margin of the aperture white: the posterior end is furnished with a small pentangular opening of a red colour, through which the water was observed to be taken in, as well as ejected.

Length, when fully extended, six inches; diameter half an inch.

It is probably an inhabitant of the deep, as it was found on the sands at Milton, after a storm. When put into a glass of sea water it showed no signs of life for a considerable time, but was contracted, so that the tentacula, and all the anterior end coloured with purple, were drawn in and obscured.

This species of *Holothuria* bears more affinity to *H. Pentactes* than to any other; yet after a careful examination of the various figures given by several authors, some doubts remain on the subject.

- Tab. IV. *Fig.* 1. Cancer Locusta.  
2. ——— Pulex.  
3. ——— Saltator.  
4. ——— littoreus.  
5. ——— grossimanus.  
6. ——— Talpa.

- Tab. V. *Fig.* 1. ——— rubricatus.  
2. ——— falcatus.  
3. ——— multipes.  
4. ——— gibbosus.  
5. Oniscus Testudo.  
6. ——— gracilis.  
7. Phalangium spinosum.  
8. ——— aculeatum.

- Tab. VI. *Fig.* 1. Bulla Hydatis.  
2. Terebella tentaculata.  
3. Nereis pinnigera.

- Tab. VII. *Fig.* 1. Doris longicornis.  
2. ——— nodosa.  
3. Aphrodita Clava.  
4. Holothuria Pentactes, var.  
5. Lucernaria Auricula.

- Tab. VIII. Amphitrite Infundibulum.

