

Fig. 9. One of the pedicellariæ which are common along the edge of the test along the line of the miliaries.

PLATE XI.

Phormosoma hoplacantha, Wy. Thom. (figs. 1-4), p. 101.

- Fig. 1. Segment of test seen from the abactinal side ; half natural size (312 mm. in diameter).
 „ 2. Segment of same seen from the actinal side.
 „ 3. Abactinal system covered with spines.
 „ 4. Part of abactinal system denuded, to show the large anal plates separating the plates of the genital ring ($\frac{2}{1}$).

PLATE XII.

Phormosoma hoplacantha, Wy. Thom. (figs. 1-4), p. 101.

- Fig. 1. Half of test seen in profile ; same specimen as that figured on Plate XI. (half natural size).
 „ 2. Segment of test seen with the actinal floor removed, to show the position of the ovaries and of the mesenteries separating the ovaries from the poriferous zone.
 „ 3. Same, seen from the interior to show the mode of imbricating of the buccal plates ; they lap away from the actinostome ($\frac{2}{1}$).
 „ 4. Part of actinal system denuded to show the arrangement of the buccal plates ($\frac{2}{1}$).

PLATE XIII^a.

Young Echinothuridæ (figs. 1-9), p. 71.

- Fig. 1. *Phormosoma rigidum*, A. Ag., seen from abactinal side ($\frac{1.5}{1}$).
 „ 2. Abactinal system of same still further enlarged ($\frac{3}{1}$).
 „ 3. Segment of actinal surface of test of same ($\frac{3}{1}$).
 „ 4. Segment of abactinal surface of test of same ($\frac{3}{1}$).
 „ 5. Abactinal system and segment of test of young *Asthenosoma gracile*, A. Ag. ($\frac{6}{1}$), 24 mm. in diameter.
 „ 6. Segment of actinal surface of same.
 „ 7. Abactinal system of *Phormosoma asterias*, measuring 30 mm. in diameter ($\frac{4}{1}$).
 „ 8. Segment of actinal surface of same ($\frac{4}{1}$).
 „ 9. Segment of abactinal surface of same ($\frac{4}{1}$).