

PLATE XVIII.

Figs. 1-5. *Styela squamosa*, Herdman.

Figs. 1 and 6-8. *Styela bythia*, Herdman.

- Fig. 1. A black manganese nodule, to which are attached a Brachiopod and two species of *Styela*. The upper specimen is *Styela squamosa*, the lower is *Styela bythia*; natural size. (From a drawing by Mr. George West.)
- Fig. 2. Part of the branchial sac of *Styela squamosa*, seen from the inside; magnified (Hartn., obj. 4).
- Fig. 3. Part of the circle of tentacles of *Styela squamosa*, showing two sizes (*tn.* and *tn.'*); magnified (Hartn., obj. 4).
- Fig. 4. Small portion of the branchial sac of *Styela squamosa*, showing a fold (*br.f.*), seen from the inside; magnified (Hartn., obj. 4).
- Fig. 5. Another part of the branchial sac of *Styela squamosa*, seen from the inside, showing a piece of the dorsal lamina (*d.l.*); magnified (Hartn., obj. 4).
- Fig. 6. Part of the branchial sac of *Styela bythia*, seen from the inside, showing the closely-placed and crumpled internal longitudinal bars (*i.l.*); magnified (Hartn., obj. 4).
- Fig. 7. A small portion of the last figure, much magnified, to show the wavy outline of the stigmata (Hartn., obj. 5).
- Fig. 8. Part of the dorsal lamina of *Styela bythia*, showing the languets (*l.*); magnified (Hartn., obj. 4).