

PLATE XXXVI.

Figs. 1-6. *Ecteinascidia turbinata*, Herdman.

Figs. 7-11. *Ecteinascidia fusca*, Herdman.

Figs. 12-14. *Ecteinascidia crassa*, Herdman.

- Fig. 1. A large colony of *Ecteinascidia turbinata*; natural size.
- Fig. 2. Three individuals from the same colony, showing the stolons; natural size.
- Fig. 3. Part of the branchial sac of *Ecteinascidia turbinata*, seen from the inside; magnified (Hartn., obj. 4).
- Fig. 4. Part of the circle of tentacles of the same species, showing three sizes (*tn.*, *tn.*' and *tn.*''); magnified (Hartn., obj. 4).
- Fig. 5. The viscera on the left side of the mantle in *Ecteinascidia turbinata*, showing the relations of the genital glands; slightly enlarged.
- Fig. 6. The dorsal part of the branchial sac of the same species, seen from the inside, showing the tentacular languets (*l.*) and the rudimentary connective ducts (*c.d.*); magnified (Hartn., obj. 4).
- Fig. 7. *Ecteinascidia fusca*, seen from the right side; natural size.
- Fig. 8. Part of the branchial sac of *Ecteinascidia fusca*, seen from the inside; magnified (Hartn., obj. 4).
- Fig. 9. A small part of the branchial sac of *Ecteinascidia fusca*; much enlarged (Hartn., obj. 7).
- Fig. 10. Part of the dorsal region of the anterior end of the same branchial sac, showing the dorsal tubercle (*d.t.*), the præbranchial zone, and three of the tentacles (*tn.*); magnified (Hartn., obj. 4).
- Fig. 11. Part of the dorsal region of the branchial sac of *Ecteinascidia fusca*, showing the languets; magnified (Hartn., obj. 4).
- Fig. 12. *Ecteinascidia crassa*; natural size.
- Fig. 13. Part of the branchial sac of *Ecteinascidia crassa*, seen from the inside; magnified (Hartn., obj. 4).
- Fig. 14. The internal longitudinal bars (*i.l.*) and their connecting ducts (*c.d.*), from the branchial sac of *Ecteinascidia crassa*; much enlarged (Hartn., obj. 5).