

PLATE XXXIV.

Figs. 1-6. *Ascidia pyriformis*, Herdman.

Figs. 7-10. *Ciona flemingi*, Herdman.

- Fig. 1. *Ascidia pyriformis*, from the right side ; natural size.
- Fig. 2. The same specimen from the left side ; natural size.
- Fig. 3. Another specimen with the test removed, seen from the right side, showing the shape of the body, the siphons, &c. ; natural size.
- Fig. 4. Part of the branchial sac of *Ascidia pyriformis*, seen from the inside ; magnified (Hartn., obj. 4).
- Fig. 5. The dorsal tubercle of the same species ; magnified (Hartn., obj. 4).
- Fig. 6. Part of the dorsal lamina of *Ascidia pyriformis* ; magnified (Hartn., obj. 4).
- Fig. 7. *Ciona flemingi*, from the right side ; natural size.
- Fig. 8. Part of the branchial sac of *Ciona flemingi*, seen from the inside ; magnified (Hartn., obj. 4).
- Fig. 9. Part of the series of dorsal languets of the same species ; magnified (Hartn., obj. 4).
- Fig. 10. The dorsal tubercle of the same species ; slightly enlarged.