

PLATE V.

Figs. 1-3. *Molgula pedunculata*, Herdman.

Figs. 4-7. *Molgula horrida*, Herdman.

Figs. 8-11. *Molgula forbesi*, Herdman.

- Fig. 1. *Molgula pedunculata*, from the left side and anterior end ; natural size.
- Fig. 2. The same with the test removed, showing the siphons, the musculature of the mantle, and the position of the nerve ganglion ; natural size.
- Fig. 3. Part of the branchial sac of *Molgula pedunculata*, seen from the inside ; magnified (Hartn., obj. 4).
- Fig. 4. *Molgula horrida*, from the right side ; natural size.
- Fig. 5. The same with the test removed, to show the funnel-like siphons, the musculature of the mantle, and the position of the renal organ on the right side ; natural size.
- Fig. 6. The dorsal tubercle, and part of the tentacular circlet of *Molgula horrida*, seen from the inside ; enlarged.
- Fig. 7. Part of the branchial sac of *Molgula horrida*, seen from the inside ; magnified (Hartn., obj. 4)
- Fig. 8. *Molgula forbesi*, from the right side ; natural size.
- Fig. 9. The same with the test removed, seen from the left side, showing the position of the alimentary canal and the genital gland ; natural size.
- Fig. 10. Part of the branchial sac of *Molgula forbesi*, seen from the inside ; magnified (Hartn., obj. 4).
- Fig. 11. The dorsal tubercle and the peritubercular area of *Molgula forbesi* ; magnified (Hartn., obj. 4).