

PLATE XXVIII.

Figs. 1-5. *Pachychlæna obesa*, Herdman.

Figs. 6-11. *Pachychlæna gigantea*, Herdman.

- Fig. 1. *Pachychlæna obesa*, from the dorsal edge and part of the right side ; the greater part of the test has been removed ; natural size.
- Fig. 2. Part of the branchial sac of *Pachychlæna obesa*, seen from the interior ; magnified (Hartn., obj. 4).
- Fig. 3. Part of the same branchial sac, seen from the exterior ; magnified (Hartn., obj. 4).
- Fig. 4. A small portion of the last figure ; more enlarged (Hartn., obj. 5).
- Fig. 5. Part of the dorsal lamina ; magnified (Hartn., obj. 4).
- Fig. 6. *Pachychlæna gigantea*, from the left side ; natural size.
- Fig. 7. Part of the branchial sac of *Pachychlæna gigantea*, seen from the interior ; magnified (Hartn., obj. 4).
- Fig. 8. Part of the branchial sac, seen from the exterior, showing the external wide-meshed network, &c. ; magnified (Hartn., obj. 4).
- Fig. 9. The interior of the branchial siphon, showing the tentacles and the strong muscular ring ; natural size.
- Fig. 10. The dorsal tubercle, peripharyngeal band, peritubercular area, and tentacles ; slightly enlarged.
- Fig. 11. Part of the dorsal lamina of *Pachychlæna gigantea* ; very slightly enlarged.