

## PLATE XXIX.

Figs. 1-9. *Pachyclæna oblonga*, Herdman.

Fig. 10. *Pachyclæna gigantea*, Herdman.

- Fig. 1. *Pachyclæna oblonga*, from the right side ; natural size.
- Fig. 2. The same, from the ventral edge ; natural size.
- Fig. 3. A small portion of a section through the peripheral layer of test, showing the terminal knobs of the blood-vessels, the pigment cells, &c. ; magnified (Hartn., obj. 4).
- Fig. 4. Part of the branchial sac of *Pachyclæna oblonga*, seen from the interior; magnified (Hartn., obj. 4).
- Fig. 5. A small portion of the last figure ; more enlarged (Hartn., obj. 5).
- Fig. 6. A small portion of the same branchial sac, showing a papilla edge-ways, an internal longitudinal vessel, a connecting duct, and a transverse vessel; much magnified (Hartn., obj. 5).
- Fig. 7. A part of the dorsal lamina ; magnified (Hartn., obj. 4).
- Fig. 8. The dorsal part of the anterior end of the branchial sac of *Pachyclæna oblonga*, showing the dorsal tubercle, the peripharyngeal band, and the bases of the tentacles ; magnified (Hartn., obj. 4).
- Fig. 9. Part of the tentacular circlet of *Pachyclæna oblonga* ; magnified (Hartn., obj. 4).
- Fig. 10. Terminal twigs of the blood-vessels in the test of *Pachyclæna gigantea*, showing crystals attached to their outer walls (Hartn., obj. 7).