

## PLATE XXI.

Figs. 1-6. *Polycarpa tinctor*, Quoy and Gaimard.

Figs. 7-14. *Polycarpa viridis*, Herdman.

- Fig. 1. *Polycarpa tinctor*, a specimen from the left side ; natural size.
- Fig. 2. Another specimen from the right side ; natural size.
- Fig. 3. The anterior end of another specimen ; natural size.
- Fig. 4. Part of the branchial sac of *Polycarpa tinctor*, showing a fold (*br.f.*), seen from the inside ; magnified (Hartn., obj. 4).
- Fig. 5. A small portion of the last figure ; more enlarged (Hartn., obj. 5).
- Fig. 6. The dorsal end of the anterior extremity of the branchial sac, showing the dorsal tubercle (*d.t.*), and part of the circle of tentacles (*tn.*) ; slightly enlarged.
- Fig. 7. *Polycarpa viridis*, a specimen from the right side ; natural size.
- Fig. 8. Another specimen, seen from the right side ; natural size.
- Fig. 9. A small part of the test of *Polycarpa viridis*, showing the network of vessels (*v.*) ; magnified (Hartn., obj. 4).
- Fig. 10. Part of the branchial sac of *Polycarpa viridis*, showing a fold (*br.f.*), seen from the inside ; magnified (Hartn., obj. 4).
- Fig. 11. A small part of the last figure, more highly magnified, showing the arrangement of the muscular bundles (Hartn., obj. 5).
- Fig. 12. The dorsal tubercle (*d.t.*), the peritubercular area, and part of the circle of tentacles (*tn.* and *tn.*'), of *Polycarpa viridis* ; magnified (Hartn., obj. 4.)
- Fig. 13. One of the "polycarps," showing the ovary and the oviduct (*o.d.*), and vas deferens (*v.d.*) ; magnified (Hartn. obj. 4).
- Fig. 14. A small portion of the testicular part of the polycarp, showing the testicular vesicles (*t.v.*), and the vas deferens (*v.d.*) ; highly magnified (Hartn., obj. 5).