

PLATE XXIV.

Figs. 1 and 2. *Polycarpa pedata*, Herdman.

Figs. 3-5. *Polycarpa radicata*, Herdman.

Figs. 6 and 7. *Styela radicata*, n. sp.

Figs. 8-12. *Bathyoncus mirabilis*, n. sp.

- Fig. 1. *Polycarpa pedata*, from the right side ; natural size.
- Fig. 2. Part of the branchial sac of *Polycarpa pedata*, seen from the inside ; magnified (Hartn., obj. 4).
- Fig. 3. *Polycarpa radicata*, a specimen seen from the right side ; natural size.
- Fig. 4. Another specimen of the same species, from the left side ; natural size.
- Fig. 5. Part of the branchial sac of *Polycarpa radicata*, showing a fold (*br.f.*), seen from the inside ; magnified (Hartn., obj. 4).
- Fig. 6. *Styela radicata*, from the right side ; natural size.
- Fig. 7. Part of the branchial sac of *Styela radicata*, seen from the inside ; magnified (Hartn., obj. 4).
- Fig. 8. *Bathyoncus mirabilis*, from the left side ; natural size.
- Fig. 9. Part of the branchial sac of *Bathyoncus mirabilis*, showing two of the simple folds (*br.f.*), seen from the inside ; magnified (Hartn., obj. 4).
- Fig. 10. Part of the circle of tentacles of *Bathyoncus mirabilis* ; magnified (Hartn., obj. 5).
- Fig. 11. The dorsal tubercle (*d.t.*), and peritubercular area of *Bathyoncus mirabilis* ; magnified (Hartn., obj. 4).
- Fig. 12. Part of the wall of the cloaca in *Bathyoncus mirabilis*, seen from the inside, and showing the terminations of the oviduct (*o.d.*) and vas deferens (*v.d.*), and part of the two circles of atrial tentacles (*at.t.*) ; magnified (Hartn., obj. 5).