

## PLATE XVI.

Figs. 1-5. *Cynthia formosa*, Herdman.

Figs. 6-9. *Cynthia arenosa*, Herdman.

Figs. 10-12. *Cynthia irregularis*, Herdman.

- Fig. 1. *Cynthia formosa*, from the right side ; natural size.
- Fig. 2. Part of the branchial sac of *Cynthia formosa*, seen from the inside ; magnified (Hartn., obj. 4).
- Fig. 3. A small portion of the branchial sac of *Cynthia formosa*, seen from the inside, showing an irregularity ; magnified (Hartn., obj. 4).
- Fig. 4. Part of the dorsal lamina of *Cynthia formosa*, showing the marginal languets (*l.*) ; magnified (Hartn., obj. 4).
- Fig. 5. The dorsal region of the anterior end of the branchial sac, showing the dorsal tubercle (*d.t.*), the peritubercular area, the præbranchial zone, and part of the cirlet of tentacles (*tn.* and *tn'*) ; magnified (Hartn., obj. 4).
- Fig. 6. *Cynthia arenosa*, a specimen seen from the right side ; natural size.
- Fig. 7. Part of the branchial sac of *Cynthia arenosa*, seen from the inside, and showing two of the folds (*br.f.*), two interspaces, and part of the dorsal lamina (*l.*) ; magnified (Hartn., obj. 4).
- Fig. 8. The dorsal tubercle and peritubercular area of *Cynthia arenosa* ; magnified (Hartn., obj. 4).
- Fig. 9. A small portion of the modified test lining the branchial siphon of *Cynthia arenosa* ; magnified (Hartn., obj. 5).
- Fig. 10. *Cynthia irregularis*, from the left side ; natural size.
- Fig. 11. Part of the branchial sac of *Cynthia irregularis*, seen from the inside, and showing a fold (*br.f.*), and several irregular areas ; magnified (Hartn., obj. 4).
- Fig. 12. The peritubercular area and dorsal tubercle of *Cynthia irregularis* ; magnified (Hartn., obj. 4).