

PLATE VIII

Culeolus murrayi, Herdman.

- Fig. 1. *Culeolus murrayi*, from the left side ; natural size.
- Fig. 2. A section through the outer part of the test, to show the blood-vessels (*v.*), papillæ (*t.p.*), and enlarged knobs (*t.k.'*) ; magnified (Hartn., obj. 4).
- Fig. 3. Part of the branchial sac, from the inside, showing one of the branchial folds (*br.f.*) ; magnified (Hartn., obj. 4).
- Fig. 4. Part of the endostyle, with the edges laid out flat ; slightly enlarged.
- Fig. 5. Part of the endostyle, seen from the inside, showing the clear edges, the spicules, and the central brown bands ; magnified (Hartn., obj. 4).
- Fig. 6. A portion of one of the large branched spicules from the branchial sac, to show the concentric lines ; greatly magnified (Hartn., obj. 10).
- Fig. 7. The dorsal part of the anterior end of the branchial sac, seen from the inside, showing a large (*tn.*) and a small (*tn.'*) tentacle, the peritubercular area, the dorsal tubercle, the præbranchial zone, &c. ; slightly enlarged.
- Fig. 8. Dissection, showing the alimentary canal from the œsophageal aperture (*œ.a.*) onwards ; slightly enlarged.
- Fig. 9. The terminations of the genital ducts ; magnified (Hartn., obj. 4).
- Fig. 10. The genital glands of the right side ; natural size.
- Fig. 11. Part of the last figure, more enlarged, showing the testis and the surrounding ova.