

PLATE XII.

Figs. 1-7. *Culeolus recumbens*, Herdman.

Figs. 8-12. *Culeolus perlucidus*, Herdman.

- Fig. 1. A section through the test of *Culeolus recumbens*, showing foreign particles imbedded in the outer part (left side of figure); magnified (Hartn., obj. 4).
- Fig. 2. A transverse section through the peduncle of the same species, showing the cavities (*ped.c.*), and the imbedded foreign particles; magnified (Hartn., obj. 4).
- Fig. 3. Part of the branchial sac, from the inside, showing a fold (*br. f.*); magnified (Hartn., obj. 4).
- Fig. 4. Part of the endostyle, showing the clear edges, with spicules, and the central opaque area; magnified (Hartn., obj. 4).
- Fig. 5. Columnar cells from the brown band of the endostyle; much magnified (Hartn., obj. 7).
- Fig. 6. The terminations of the genital ducts; magnified (Hartn., obj. 4).
- Fig. 7. One of the genital glands, enlarged, showing the ducts.
- Fig. 8. A section through the test of *Culeolus perlucidus*, showing the papillæ on the outer surface; magnified (Hartn., obj. 4).
- Fig. 9. Part of the endostyle, showing the clear edge (*w.e.*), and the central more opaque area (*c.b.a.*); magnified (Hartn., obj. 4).
- Fig. 10. Part of the circlet of tentacles, showing three orders (*tn.*, *tn'*. and *tn''*); magnified (Hartn., obj. 4).
- Fig. 11. Part of a section through one of the genital glands, showing the spermatic vesicles externally, and the ova internally; magnified (Hartn., obj. 4).
- Fig. 12. Part of the wall of the stomach, with the lining epithelium scraped off, showing the branched hepatic (?) tubules, with enlarged ends; much magnified (Hartn., obj. 7).