

PLATE III.

Figs. 1-12. *Platydoris eurychlamys*, Bergh.

- Fig. 1. *a*, Buccal ganglia; *b, b*, gastro-oesophageal ganglia. Cam. luc. \times 55 diam.
Fig. 2. *a*, Proximal; *b*, distal, olfactory, ganglion. Cam. luc. \times 55 diam.
Fig. 3. *a*, Oesophagus; *b*, stomach; *cc*, intestine; *d*, bile-duct; from beneath.
Fig. 4. *a*, Cleft at anterior end of duct of renal syrx (b).
Fig. 5. Arborescent outgrowths of duct of renal syrx. Cam. luc. \times 100 diam.
Fig. 6. Two large lateral teeth, from the side. Cam. luc. \times 350 diam.
Fig. 7. One of the smaller disks of the præputium, from above. Cam. luc. \times 350 diam.
Fig. 8. Hooks of two of the larger disks, from the side. Cam. luc. \times 350 diam.
Fig. 9. Lower part of præputium. Cam. luc. \times 100 diam.
Fig. 10. Villi from the surface of the ventricle of the heart (pathological). Cam. luc. \times 100 diam.
Fig. 11. *a*, Posterior; *b*, anterior part of the salivary gland.
Fig. 12. *a*, Hermaphrodite duct; *b*, its ampulla; *c*, constricted part of the same; *d*, female branch; *e*, male branch; *f*, prostate; *g*, thinner part of the vas deferens; *h*, thicker part; *ii*, penis; *k*, vestibular gland.

Fig. 13. *Discodoris morphæa*, Bergh.

- Fig. 13. *a*, Ampulla of the hermaphrodite duct; *b*, female branch; *c*, male branch; *d*, prostate; *e*, vas deferens; *f*, penis.

Figs. 14-20. *Ceratosoma cornigerum*, Adams.

- Fig. 14. Otocyst on the surface of cerebral ganglion (*a*). Cam. luc. \times 350 diam.
Fig. 15. Spicules from capsule of cerebral ganglion. Cam. luc. \times 350 diam.
Fig. 16. Hooks of the labial disk. Cam. luc. \times 750 diam.
Fig. 17. Part of the rhachis of the radula; *a*, median rhachidian thickening of cuticle; *b, b*, innermost lateral teeth (from the inner side). Cam. luc. \times 750 diam.
Fig. 18. Lateral tooth, from behind. Cam. luc. \times 750 diam.
Fig. 19. Two lateral teeth from the middle of a series, from the side. Cam. luc. \times 750 diam.
Fig. 20. Part of the rhachis; *aa, b, b*, as in fig. 17. Cam. luc. \times 350 diam.

Figs. 21-25. *Thordisa (?) clandestina*, Bergh.

- Fig. 21. Part of the rhachis of the radula, with the innermost teeth of two series. Cam. luc. \times 350 diam.
Fig. 22. Outermost portion of three series of teeth with 3-5 teeth; *a*, of the fourth; *b*, of the sixth complete row of the tongue. Cam. luc. \times 350 diam.
Fig. 23. Innermost teeth of two series, from the side. Cam. luc. \times 750 diam.
Fig. 24. A lateral tooth, from the side. Cam. luc. \times 750 diam.
Fig. 25. Outermost portion of two series of teeth, with 5 and 7 teeth; *a, a*, outermost teeth. Cam. luc. \times 750 diam.

Figs. 26-29. *Chromodoris striatella*, Bergh.

- Fig. 26. Elements of the labial plate. Cam. luc. \times 750 diam.
Fig. 27. Rhachis of the radula; *a*, median "pseudotooth"; *b, b*, first lateral; *c*, sixth lateral tooth (of left side). Cam. luc. \times 750 diam.
Fig. 28. Second lateral tooth, viewed obliquely from inside. Cam. luc. \times 750 diam.
Fig. 29. Outer portion of a series with seven plates; *a*, outermost tooth. Cam. luc. \times 750 diam.

Fig. 30. *Euplocamus japonicus*, Bergh.

- Fig. 30. Spicules of the skin. Cam. luc. \times 200 diam.