

PLATE II.

Figs. 1-12. *Discodoris morphæa*, Bergh.

- Fig. 1. Median section of a dorsal tubercle. Cam. luc. \times 200 diam.
- Fig. 2. Prehensile ring; *a*, upper part; *b*, lower part. Cam. luc.
- Fig. 3. Portion of upper end of the same. Cam. luc. \times 750 diam.
- Fig. 4. Points of some of the elements from above. Cam. luc. \times 900 diam.
- Fig. 5. Middle portion of the radula; *a*, rhachidian fold; *b, b, b*, first lateral teeth. Cam. luc. \times 350 diam.
- Fig. 6. One of the largest teeth, from the outer side. Cam. luc. \times 350 diam.
- Fig. 7. Another, from the inner side. Cam. luc. \times 350 diam.
- Fig. 8. Another, seen obliquely from the under surface. Cam. luc. \times 350 diam.
- Fig. 9. Outermost part of two series of teeth; *a*, outermost tooth; *b*, the sixth; *c*, cuticular folds. Cam. luc. \times 350 diam.
- Fig. 10. Part of the pulp of the radula; *a*, posterior; *b*, anterior part. Cam. luc. \times 350 diam.
- Fig. 11. Salivary glands; *a, a*, efferent ducts; *b, b*, hinder attenuated ends of the glands.
- Fig. 12. *a*, Spermatozoid; *b*, inner portion, *c*, outer portion, of uterine duct.

Fig. 13. *Archidoris australis*, Bergh.

- Fig. 13. Portion of kidney; *a*, urinary chamber. Cam. luc. \times 55 diam.

Figs. 14-17. *Ceratosoma cornigerum*, Adams.

- Fig. 14. Anterior end of Bulbus pharyngeus, with the labial disk and the oral aperture.
- Fig. 15. Outer part of three series of teeth; *a, a*, outermost teeth. Cam. luc. \times 750 diam.
- Fig. 16. *a*, Muscular part of vas deferens; *b*, upper solid portion of penis; *c*, its termination in the præputium.
- Fig. 17. *a*, Spermatheca; *b*, vaginal duct; *c*, vagina; *d*, uterine duct; *e*, spermatozoid.

Figs. 18-24. *Platydoris eurychlamys*, Bergh.

- Fig. 18. Median part of radula; *a, a*, first lateral teeth. Cam. luc. \times 350 diam.
- Fig. 19. Outermost parts of three series of teeth (5-5-2); *a, a, a*, outermost teeth. Cam. luc. \times 350 diam.
- Fig. 20. Two outermost teeth; *a*, supplementary tooth. Cam. luc. \times 350 diam.
- Fig. 21. A dorsal tubercle. Cam. luc. \times 200 diam.
- Fig. 22. *a*, Spermatheca; *b*, vaginal duct; *c*, vagina; *dd*, uterine duct; *e*, spermatozoid.
- Fig. 23. Upper portion of penis, opened to show the glans within the præputium and several disks. Cam. luc. \times 100 diam.
- Fig. 24. Hooks of two of these disks. Cam. luc. \times 350 diam.