

PLATE IX.

Figs. 1-5. *Rizzolia australis*, Bergh.

- Fig. 1. Part of margo masticatorius ; *a*, processus masticatorius. Cam. luc. \times 350 diam.
Fig. 2. Upper part of one of the teeth from radula. Cam. luc. \times 350 diam.
Fig. 3. Two teeth, obliquely from the side. Cam. luc. \times 200 diam.
Fig. 4. Another, in a similar position. Cam. luc. \times 200 diam.
Fig. 5. A single tooth, obliquely from above. Cam. luc. \times 200 diam.

Figs. 6-8. *Janolus australis*, Bergh.

- Fig. 6. Central nervous system, from above ; *ab*, cerebro-pleural ganglia ; *c, c*, pedal ganglia ; *d, d*, eyes. Cam. luc. \times 55 diam.
Fig. 7. Median part of the radula (two series) ; *a, a*, median teeth ; *b*, cuticular continuation of the same ; *c, c*, first lateral plates. Cam. luc. \times 350 diam.
Fig. 8. Outermost part of a series of teeth ; *a*, outermost tooth. Cam. luc. \times 350 diam.

Figs. 9-22. *Ohola pacifica*, Bergh.

- Fig. 9. The animal, from above ; *a, a*, posterior papillæ.
Fig. 10. Mandibular plate ; *a*, transverse ; *b*, longitudinal part. Cam. luc. \times 100 diam.
Fig. 11. Part of the radula, with three series of teeth ; *a*, rhachis with its folds ; *b, b*, first lateral teeth ; *c, c, c, c*, second lateral teeth ; *d, d, d*, innermost external teeth ; *e, e, e*, outermost external teeth. Cam. luc. \times 200 diam.
Fig. 12. First lateral tooth, from the inner side. Cam. luc. \times 350 diam.
Fig. 13. The same, in another position. Cam. luc. \times 350 diam.
Fig. 14. *a*, First ; *b*, second lateral tooth, from the inner side. Cam. luc. \times 350 diam.
Fig. 15. Part of radula ; *a, a*, second lateral teeth ; *b*, innermost external tooth ; *c*, outermost tooth. Cam. luc. \times 350 diam.
Fig. 16. The two external plates ; *a*, innermost. Cam. luc. \times 350 diam.
Fig. 17. Innermost external plate, from the side. Cam. luc. \times 350 diam.
Fig. 18. Anterior part of the armature of the vas deferens ; *a, a*, walls of the vas deferens proper. Cam. luc. \times 750 diam.
Fig. 19. Median part of the same ; *a* as above. Cam. luc. \times 750 diam.
Fig. 20. Posterior part of the same. Cam. luc. \times 750 diam.
Fig. 21. Part of the renal tubules. Cam. luc. \times 350 diam.
Fig. 22. *a*, Intestine ; *b*, urethra ; *c*, end of the renal chamber ; *d*, renal syrinx ; *e*, pericardium.