

PLATE VIII.

Figs. 1-13. *Bornella excepta*, Bergh.

- Fig. 1. Foremost papilla of left side, from the outer side; *aa*, the back.
- Fig. 2. Left mandible, from the outside; *a*, hinge; *b*, margo masticatorius. Cam. luc. \times 55 diam.
- Fig. 3. Upper part of left mandible; *a*, hinge; *b*, facet beneath the hinge. Cam. luc. \times 55 diam.
- Fig. 4. Two median teeth, from beneath. Cam. luc. \times 350 diam.
- Fig. 5. A median tooth, from the side. Cam. luc. \times 350 diam.
- Fig. 6. Median teeth, from the side. Cam. luc. \times 350 diam.
- Fig. 7. Median portion of radula, from above; *a*, median; *b, b*, first lateral; *c*, fifth lateral tooth. Cam. luc. \times 750 diam.
- Fig. 8. Outermost part of two series, with 4-5 teeth; *a, a*, outermost; *c*, fifth. Cam. luc. \times 750 diam.
- Fig. 9. Digestive tract from beneath; *a*, oesophagus; *b*, first stomach; *c, c*, two anterior liver masses with their ducts; *d*, main liver mass, *e*, its duct; *f*, second stomach; *g*, first part of intestine; *h*, constriction dividing it from the second portion, *ih*.
- Fig. 10. Series of chitinous prickles from the second stomach. Cam. luc. \times 100 diam.
- Fig. 11. End of prickle. Cam. luc. \times 350 diam.
- Fig. 12. End of a renal tubule. Cam. luc. \times 100 diam.
- Fig. 13. Hermaphrodite gland; *a*, efferent duct of this and another gland.

Fig. 14. *Onchidium verruculatum*, Cuvier.

- Fig. 14. Dorsal tubercle with group of eyes.

Figs. 15-22. *Janolus australis*, Bergh.

- Fig. 15. Bulbus pharyngeus, from the side; *a*, musculus transversus postero-superior; *b*, hinge part of mandibles; *c*, oesophagus.
- Fig. 16. Left mandible, from the outer side; *a*, hinge part; *b*, margo masticatorius.
- Fig. 17. The same, from the inner side; *a* and *b*, as above.
- Fig. 18. The same, from beneath; *a*, anterior end; *b*, margo masticatorius.
- Fig. 19. *a*, Tongue; *b*, tectum radulae; *c*, vagina radulae; *d*, common muscular mass of the jaws.
- Fig. 20. *a*, Median tooth from below; *b*, first lateral tooth from the side; *c*, cuticular continuation of teeth. Cam. luc. \times 350 diam.
- Fig. 21. Abnormal lateral tooth. Cam. luc. \times 350 diam.
- Fig. 22. Outer part of two series of teeth, with eight and seven teeth; *a, a*, outermost teeth. Cam. luc. \times 350 diam.