

PLATE VII.

Figs. 1-6. *Onchidium tonganum*, Quoy et Gaimard.

- Fig. 1. Vertical section through longitudinal axis of fore end of foot; *a*, fore end of foot; *b*, orifice of foot gland.
- Fig. 2. Upper side of foot, from body cavity; *a*, mouth tube; *b*, foot gland; behind this the transverse muscular layer of foot, with entering nervi pediculi and opening of a vessel; *c, c*, longitudinal layers; *d*, muscles descending from the sides of the body.
- Fig. 3. *a*, Præputium, opened and showing glans; *bb*, vas deferens; *c*, musculus retractor penis.
- Fig. 4. End of glans penis; *a*, orifice at the point. Cam. luc. \times 350 diam.
- Fig. 5. *a*, Dart-cone opened; *b*, end of the duct of dart-gland; *c*, dart; *d*, nerve; *e*, retractor muscle.
- Fig. 6. Dart; *a*, termination; *b*, base; *c*, duct. Cam. luc. \times 100 diam.

Figs. 7-12. *Onchidium verruculatum*, Cuvier.

- Fig. 7. Posterior end of body; *a*, pneumostome; *b*, anal papilla; *c*, vulva; *d*, genital furrow.
- Fig. 8. Anterior end of foot from body cavity; *a*, mouth tube; *b*, foot gland; *c*, transverse muscular layer of foot.
- Fig. 9. Portion of rhachis of radula; *a, a*, three median teeth; *b, b*, first lateral teeth. Cam. luc. \times 350 diam.
- Fig. 10. End of a lobule of salivary gland. Cam. luc. \times 55 diam.
- Fig. 11. End of (*d*) duct of dart-gland; *a*, dart-cone; *b*, dart; *c*, base of dart. Cam. luc. \times 100 diam.
- Fig. 12. End of dart; *a*, opening at its extremity. Cam. luc. \times 750 diam.

Figs. 13-22. *Bornella excepta*, Bergh.

- Fig. 13. Anterior end of animal, from the side; *a*, mouth; *b*, tentacles; *c*, anterior part of rhinophore with club and sheath; *d*, papillary part.
- Fig. 14. The club of the rhinophore and its sheath, from above; *a*, part connecting it with the papillary part.
- Fig. 15. Part of the labial disk; *a*, fore-end of the rods. Cam. luc. \times 750 diam.
- Fig. 16. Three lateral teeth of anterior incomplete series. Cam. luc. \times 350 diam.
- Fig. 17. Lobule of hermaphrodite gland; *a*, duct.
- Fig. 18. Anterior part of the penis; *a*, orifice of seminal duct.
- Fig. 19. Posterior part of the same.
- Fig. 20. Constriction (*a*) between (*c*) prostatic and (*b*) muscular part of the vas deferens.
- Fig. 21. Part of the margin of the penis. Cam. luc. \times 100 diam.
- Fig. 22. A single spine from the penis; *a*, base. Cam. luc. \times 350 diam.