

PLATE XIV.

Figs. 1-15. *Bathydoris abyssorum*, Bergh.

Figs. 1, 2. Papillæ of the back.

Fig. 3. A similar papilla; *a*, openings of the vessels and nerves.

Fig. 4. The central nervous system, from above; *a, a*, the cerebral ganglia; *b, b*, the two portions of the right pleural ganglion; *c*, pedal ganglion; *d*, the intercerebral and interpleural commissure; *e, e*, the cerebro-buccal connective; *f, f*, buccal ganglia; *g*, interbuccal commissure; *h*, common commissure. Cam. luc.

Fig. 5. Nerve ramification in the subcutaneous layer. Cam. luc. \times 55 diam.

Fig. 6. *a*, The median plate; *b*, the first, and *c*, the second, lateral plate. Cam. luc. \times 100 diam.

Fig. 7, 7. Part of the rhachis with four plates. Cam. luc. \times 100 diam.

Fig. 8. First lateral plate of two series, from the side. Cam. luc. \times 100 diam.

Fig. 9. Outer part of a series of plates (of the radula sheath) with nine plates, from the side; *a*, outermost. Cam. luc. \times 100 diam.

Fig. 10. Outer part of two series of plates with nine and twelve plates, from above; *a, a*, the outermost. Cam. luc. \times 100 diam.

Fig. 11. The hermaphrodite gland, from the under side, with the chief duct.

Fig. 12. Lobule of the gland.

Fig. 13. Zoosperm; *a*, head.

Fig. 14. *a*, Vas deferens; *b*, præputium; *c*, point of penis.

Fig. 15. Penis opened, with continuation of *a*, vas deferens out to the point *c*.

Glaucus atlanticus (Forster).

Fig. 16. Part of the margin of the processus masticatorius; *a*, behind. Cam. luc. \times 750 diam.

Figs. 17, 18. *Tritonia challengeriana*, Bergh.

Fig. 17. Two lateral plates, obliquely from the inner side. Cam. luc. \times 350 diam.

Fig. 18. A similar plate, more obliquely from the outer side. Cam. luc. \times 350 diam.

Figs. 19, 20. *Marionia occidentalis*, Bergh.

Fig. 19. Masticatory plates of the stomach. Cam. luc. \times 55 diam.

Fig. 20. One of the smallest plates. Cam. luc. \times 55 diam.