

Structure of the integument of *Ascorhynchus glaber*, Hoek (figs. 8-10).

- Fig. 8. Transverse section of a part of the integument; magnified 272 diameters. *b, c, e*, as in fig. 1.  
 „ 9. Transverse section of the thigh of a male; magnified 56 diameters. *n*, testis; *g, h, i, k*, as in fig. 6.  
 „ 10. Cells from the glandular mass of the male; magnified 272 diameters.

Genital organs, &c., of *Ascorhynchus orthorhynchus*, Hoek (fig. 11).

- Fig. 11. Transverse section of the thigh of a female; magnified 56 diameters. *k, m, h, i*, as in figs. 6 and 7.

Structure of the integument of *Colossendeis leptorhynchus*, Hoek (figs. 12, 13).

- Fig. 12. Transverse section of a part of the integument; magnified 170 diameters. *b, e*, as in fig. 1.  
 „ 13. Spine; magnified 170 diameters.

Structure of the integument of *Colossendeis megalonyx*, Hoek (fig. 14).

- Fig. 14. Transverse section through the thigh of a male; magnified 41 diameters. *h, i*, as in fig. 6.

Structure of the integument, &c., of *Colossendeis leptorhynchus*, Hoek (figs. 15, 16).

- Fig. 15. Transverse section through the thigh of a male; magnified 272 diameters. *o*, vesicle; *p*, wounded canal.  
 „ 16. Transverse section of the thigh of a female; magnified 56 diameters. *m, i*, as in fig. 7.

Structure of the integument of *Phoxichilidium patagonicum*, Hoek (fig. 17).

- Fig. 17. Transverse section of the integument of a female; magnified 170 diameters. *b, c, f*, as in fig. 1.

Structure of the integument, &c., of *Phoxichilidium insigne*, Hoek (fig. 18).

- Fig. 18. Transverse section of the thigh of a male; magnified 94 diameters. *h, i, k*, as in fig. 6.

## PLATE XVII.

- Fig. 1. *Colossendeis proboscidea*, Sab. (sp.); dorsal half of the body; magnified 6 diameters. *a*, intestine; *a*<sup>1</sup>, *a*<sup>2</sup>, two short cæca not reaching beyond the cephalothorax; *b*, muscles moving the proboscis; *c*, heart; *d*, anus.