

- Fig. 2. *Colossendeis proboscidea*, Sab. (sp.); ventral half of the body with the nervous system; magnified 6 diameters. *a*, parts of the intestine; *p*, palpus; I. II.-V., first to fifth thoracic ganglia; *n.p.* and *n.pr.*, two branches of the palpar nerve; *n.o.l.*, nerve for the ovigerous leg; *n¹-n⁴*, four nerves for the legs; *n.a.*, nerves for the abdomen.
- „ 3. *Nymphon robustum*, Bell; ventral half with the nervous system; magnified 6 diameters. *a*, parts of the intestine, cœca, &c.; *m.u.*, muscles running from the one segment to the other; *n.p.*, palpar nerve; *n.pr.*, proboscideal nerve; *n.o.l.*, *n¹-n⁴*, *n.a.*, as in fig. 2.
- „ 4. *Nymphon robustum*, Bell; supracœsophageal ganglion with its nerves; magnified 6 diameters. *a*, intestine; *m*, mandibles; *g.s.o.*, supracœsophageal ganglion; *c*, œsophageal commissures; *n.m.*, nerve for the mandibles; *u.p.n.*, unpair proboscideal nerve; *p.p.n.*, small proboscideal nerves; *g.p.*, proboscideal ganglion.
- „ 5. *Nymphon robustum*, Bell; dorsal half of the body showing the intestine; magnified 4 diameters. *a*, intestine; *e*, œsophagus.
- „ 6. *Nymphon robustum*, Bell; part of the intestine; magnified 47 diameters. *a*, intestine; *e*, œsophagus; *gl*, intestine glands.

PLATE XVIII.

- Fig. 1. Integumentary cavities of *Colossendeis leptorhynchus*, Hoek; ♀ specimen; first tibial joint; magnified 287 diameters. *i*, part of the wall of the intestinal cœcum; *c*, septa of connective tissue; *b*, blood-corpuscles; *d*, and *d'*, glandular cells.
- „ 2. Transverse section of the fourth joint of the leg of *Colossendeis proboscidea*, Sab. (sp.); ♂ specimen; magnified 47 diameters. *i*, intestinal cœcum; *g*, glands; *t*, testis; *c*, fibres of connective tissue.
- „ 3. Part of the integument of *Colossendeis proboscidea*, Sab. (sp.); fourth joint of the leg; ♂ specimen; magnified 272 diameters. *c*, integumentary cavity; *g*, gland; *d*, duct of the gland.
- „ 4. Cœsophageal ring of *Colossendeis megalonyx*, Hoek; magnified 40 diameters. *s*, supracœsophageal ganglion; *c*, commissures; *t*, first thoracic ganglion; *pr.* azygous proboscideal nerve; *m*, mandibular nerve; *o*, optic nerves (?); *t'*, first nerve arising from the first thoracic ganglion; *t''*, second nerve (one of the three main proboscideal nerves), dividing into two branches after penetrating the proboscis; *pa.*, palpar nerve (dividing in two branches close to the ganglion); *o*, nerve for the ovigerous leg; *c'*, commissures between the first and second thoracic ganglia.