

- Fig. 5. Innervation of the rudimentary eyes of *Nymphon robustum*, Bell; magnified 94 diameters. *n*, optic nerves forming the ganglion *g*; *t*, oculiferous tubercle; *o*, rudimentary eyes.
- „ 6. Innervation of the proboscis of *Nymphon robustum*, Bell; magnified 10 diameters. The proboscis has been figured as transparent; the mandible and the palp of the left side have been cut away. *t*, oculiferous tubercle; *s*, supra-oesophageal ganglion; *c*, oesophageal commissures; *u*, azygous proboscideal nerve; *p*, secondary proboscideal nerves arising from the supraoesophageal ganglion; *mn*, mandibular nerves; *p*, proboscideal nerves arising from the first thoracic ganglion; *g*, ganglionic bundles; *x*, small ganglia in the front of the proboscis; *y*, large proboscideal ganglia; *a*, first proboscideal nerve ring; α^I – α^{IV} second to fifth proboscideal ring.
- „ 7. Transverse section of cephalothoracic segment of *Colossendeis leptorhynchus*, Hoek (female specimen); magnified 10 diameters. *s*, supraoesophageal ganglion; *t*, first thoracic ganglion; α , oesophagus; *c*, oesophageal commissures; *i*, rudimentary cœca of the intestine; *m*, and *m'*, muscle-bundles; *m*, passing through the oesophageal commissures.
- „ 8. Part of the ganglionic bundle in the proboscis of *Nymphon robustum*, Bell; magnified 94 diameters. *u*, *g*, *a*, *a'*, *a''*, *x*, and *y*, as in fig. 6.
- „ 9. Transverse section of the proboscis of *Nymphon robustum*, Bell; magnified 23 diameters. I., II., and III. the three chitinous plates limiting the oesophageal cavity; *t*, transverse muscles; *l*, longitudinal muscle-bundles; *a*, proboscideal ring; *g*, ganglion of the ganglionic bundle; *p*, the three main proboscideal nerves on transverse section.
- „ 10. One of the ganglia on the inner surface of the integument of *Colossendeis proboscidea*, Sab. (sp.); magnified 272 diameters. *c*, integumentary cavities; *b*, blood-corpuscles.
- „ 11. Six sections through the supraoesophageal and first thoracic ganglia of *Nymphon strömii*, Kröyer; magnified 56 diameters. *s*, supraoesophageal ganglion; α , oesophagus; *t*, first thoracic ganglion; *i*, intestinal cœcum for the mandibles; *c*, fibres of connective tissue; *o*, optic lobes; *o'*, part of the optic nerves; *m*, mandibular lobes; *x*, azygous lobe of unknown function; *co*, oesophageal commissures; *p*, origin of the two main proboscideal nerves; *l*, origin of the nerves for the ovigerous legs; *co'*, commissures between the first and second thoracic ganglia.
- „ 12. Longitudinal section through the first thoracic ganglia of *Nymphon brachyrhynchus*, Hoek; magnified 170 diameters. *pr*, proboscideal nerves; *pa*, part of the neurilemma of the palpar nerve; *e*, part of the neurilemma of the ovigerous nerve; *c*, commissure between this and the second thoracic ganglion.