

PLATE CL.

- Fig. 1. *Sylon challenger*, part of a transverse section, passing through the ovary, *e*, and the "Eikittdruse," A; *a*, connective tissue of the mantle; *b*, epithelium surrounding the visceral mass; *c*, ramified tubes of the gland; *d*, female genital pore. Magnified 136 diameters.
- „ 2. Part of the mantle and visceral mass of *Sylon schneideri*; *a*, connective tissue of the mantle; *b*, epithelium surrounding the visceral mass; *e*, ovary; *f*, chitinous outer wall of the mantle; *g*, thickening of the chitinous outer wall at the place where later on the openings of the mantle-cavity occur; *h*, epithelium of the outer side of the mantle; *i*, epithelium at the inner side of the mantle; *l*, blood-plasma (?); *n*, nervous system. Magnified 136 diameters.
- „ 3. Part of the visceral mass of *Sylon schneideri*; *b* and *e* as in fig. 2; *c*, connective tissue; *l*, blood-plasma (?). Magnified 136 diameters.
- „ 4. Section through a part of *Hippolyte pusiola*, with *Sylon schneideri* attached to it; *e*, ovary of the parasite; *n*, nervous system of the *Hippolyte*; B, basilar membrane; *r*, roots of the *Sylon*; *m*, abdominal flexor muscles of the host. Magnified 30 diameters.
- „ 5. Section in front of the attachment of *Sylon schneideri* to *Hippolyte pusiola*; *e*, *m*, *n*, and *r* as in fig. 4; *t*, testis. Magnified 30 diameters.
- „ 6. Section of the same *Sylon* as in the two foregoing figures; *e*, *t*, as in fig. 5; *t'*, communication of the interior of the testis with the mantle-cavity. Magnified 41 diameters.