

PLATE XXXVIIA.

The Lettering is the same in all the Figures.

b. Cuticle.
 c. Hypoderm.
 d. Circular muscular coat.
 e. Dorsal longitudinal muscles.
 f. Ventral longitudinal muscles.
 g. Oblique muscles.
 j. Alimentary canal.

k. Tufts of spines and bristles.
 n. Nerve cords.
 r. Reproductive organs.
 v. Ventral channel.
 vs. Ventral blood-vessel.
 z. Base of foot.

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- Fig. 1. Transverse section of the body-wall of *Trophonia wyvillei* in the ventral median line. Two of the long papillæ are covered with Diatom ooze, × 90.
- Fig. 2. Nerve-area of *Nicomache capensis* in transverse section, with the united insertions of the oblique in the middle line superiorly. v, section of loops of ventral vessels, × 90.
- Fig. 3. Transverse section of the body-wall of *Praxilla köllikeri*, × 55.
- Fig. 4. Transverse section of the anterior third of *Praxilla assimilis*, × 55.
- Fig. 5. Nerve-area of *Praxilla abyssorum*, × 138.
- Fig. 6. Transverse section of the anterior third of the body-wall of *Phyllocomus croceus*, Grube, × 20.
- Fig. 7. Transverse section of the posterior region of *Loimia savignyi*, × 40.
- Fig. 8. Section of the ventral margin in the anterior third of *Praxilla köllikeri*, in which the parts have been stretched so as to demonstrate the neural canal, × 55.