

PLATE XXXVIII.

The Lettering is the same in all the Figures.

<p><i>c.</i> Hypoderm.  <i>co.</i> Remarkable development of basement tissue beneath the hypoderm.  <i>d.</i> Circular muscular coat.  <i>dv.</i> Dorsal blood-vessel.  <i>e.</i> Dorsal longitudinal muscles.  <i>f.</i> Ventral longitudinal muscles.  <i>fe.</i> Longitudinal band of fibres in median ventral line.</p>	<p><i>g.</i> Oblique muscles.  <i>j.</i> Alimentary canal.  <i>j'.</i> Proboscis.  <i>n.</i> Nerve cords.  <i>v.</i> Ventral channels.  <i>vs.</i> Ventral blood-vessel.  <i>z.</i> Meshes containing yellowish masses like oil in <i>Phyllochaetopterus</i>.</p>
---	---

- Fig. 1. Transverse section of the ventral body-wall of *Pista abyssicola*, showing the nerve-area enclosed by the circular muscular coat. *z*, glandular tissue, . . . . . × 55.
- Fig. 2. Transverse section of the anterior third of the body-wall of *Pista mirabilis*. *fe*, band of longitudinal muscular fibres inside circular coat; *v*, vessels around alimentary tract; *z*, glandular tissue apparently in connection with the hypoderm, . . . . . × 40.
- Fig. 3. Transverse section of the anterior third of the body-wall of *Pista japonica*, . . . . . × 24.
- Fig. 4. Transverse section of the anterior third of *Terebellides stræmi*, var., from Kerguelen. *je*, remarkable apparatus intricately folded. The figure has been inverted, . . . . . × 55.
- Fig. 5. Transverse section of the ganglionic region of the nerve-area in *Dasychone occidentalis*. *co*, modified basement-tissue, . . . . . × 55.
- Fig. 6. Transverse section of the interganglionic region in the same species. *co*, modified basement-tissue, . . . . . × 55.