

## PLATE III.

The lettering is the same in all the figures.

*cu* Cuticula.  
*ec* Ectoderm.  
*en* Endoderm.  
*g* Generative organs.  
*h* Mesenteries.  
*im* Intermediary layer.  
*m* Muscle-fibres.

*me* Mesogloea.  
*ms*<sup>1</sup> Upper circular muscle.  
*ms*<sup>2</sup> Lower circular muscle.  
*o* Ova.  
*r* Marginal spherules.  
*sr* Siphonoglyphe (oesophageal groove).  
*t* Tentacles.

All statements given as to magnifying powers have reference to Zeiss's system.

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Fig. 1. Circular muscle of *Stephanidium schulzii*;—*1a*, in the region of an inter-mesenterial chamber and of a marginal spherule; *1b*, in the region of the origin of a mesentery.

### *Aulorchis paradoxa* (figs. 2-6).

Fig. 2. Transverse section through the oral disc. A, Oc. 1, somewhat diminished.

Fig. 3. Parts of a transverse section through the circular muscle, showing the connection of the endodermal and mesogloéal muscle-layers: *3a*, with D, Oc. 1; *3b*, with E, Oc. 1.

Figs. 4, 5. Sections through the stomidia. *a*<sup>3</sup>, Oc. 1.

Fig. 6. Transverse section through the mesogloéal musculature of the oral disc. D, Oc. 1.

Fig. 7. *Stephanidium schulzii*; upper edge of the body-wall, × 60.