

## PLATE I.

In all the Plates the following letters have the same signification.

<i>c.</i> Marginal cirrus.	<i>p.</i> Parapodium.
<i>cl.</i> Cloacal papilla or opening.	<i>ph.</i> Pharynx.
<i>i.</i> Intestine.	<i>s.</i> Sucker.
<i>m.</i> Mouth.	<i>t.</i> Testicle.
<i>ma.</i> Manubrium of the supporting stalk of the hook-apparatus.	<i>u.</i> Hook of the hook-apparatus.
<i>ov.</i> Ovarium.	$\delta$ Male genital papilla or opening.

*Note.*—The coloured drawings show the object seven times magnified; the uncoloured drawings are drawn with the Oberhäuser camera and objective 0 (Seibert and Kraft), which magnifies 40 diameters, the hook-apparatus with camera and objective IV., which magnifies 220 diameters, if the contrary be not expressly stated.

### Figs. 1–17. *Myzostoma horologium*, n. sp.

- Figs. 1, 2. The animal from the ventral side.
- Fig. 3. Piece from a transverse section of the sucker. *cu.*, cutis; *dom.*, dorso-ventral muscles; *e.*, epithelium of the surface of the body; *s<sub>1</sub>.*, epithelium of the sheath of the sucker; *se.*, epithelium of the retracted sucker.
- Figs. 4–14. Several variations in the pigmentation of the back.
- Fig. 15. A hook from the parapodium.
- Fig. 16. The supporting stalk, with its manubrium (*ma.*), the hook (*u.*) partly drawn.
- Fig. 17. The supporting stalk after having been treated with alkali. The manubrium (*ma.*) and the outer layer of the stalk (*b.*) dissolved into a finely granular substance. The more resistant central part (*a.*) of the latter still preserved.

### Figs. 18–24. *Myzostoma testudo*, n. sp.

- Figs. 18, 19. Seen from the dorsal side, with the tubercles always in pairs, and the divided longitudinal elevation.
- Figs. 20, 21. Seen from the ventral side.
- Fig. 22. Diagrammatic cross section through fig. 19.
- Fig. 23. A small individual with a somewhat different sculpturing of the back.
- Fig. 24. Point of a hook-apparatus. *ma.*, manubrium of the supporting stalk; *u.*, the hook.

### Figs. 25–29. *Myzostoma alatum*, Graff.

- Fig. 25. The animal from the dorsal side.
- Figs. 26, 27. The same from the ventral side.
- Fig. 28. Diagrammatic cross section through fig. 27.
- Fig. 29. Point of a hook-apparatus. *ma.*, manubrium of the supporting stalk; *u.*, the hook.