

## PLATE XII.

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.

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### Figs. 1–9. *Myzostoma deformator*, n. sp.

- Fig. 1. The animal, magnified 5 diameters; seen from the dorsal side (*A*), and from the ventral side (*B*).
- Figs. 2, 3. A swollen pinnule of *Pentacrinus alternicirrus*, P. H. C., from both sides. The arrow shows the direction of the internal septum; \* is the injured pinnule lying opposite to the malformed one.
- Figs. 4–6. Another malformed pinnule of *Pentacrinus alternicirrus*, P. H. C., from both sides, and broken open (5) to show the septum. Here also the three arm-joints *a-c* share in the swelling.
- Fig. 7. A cross section through the *Myzostoma* in the hinder half of the body.
- Fig. 8. A cross section about the middle of the body (camera, objective 0). *dvm.*, dorso-ventral muscular bundles; *e.*, epithelium of the surface of the body; *mc.*, musculus centralis of the hook-apparatus; *n.*, brain; *n<sub>1</sub>*, nerves cut across; *od.*, oviduct; *st.*, middle intestine (“stomach”).
- Fig. 9. Isolated eggs of the ovarium. *a*, unripe, *b*, ripe ones (camera, objective IV.).