

PLATE XV.

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

<p><i>c.</i> Marginal cirrus. <i>cl.</i> Cloacal papilla or opening. <i>i.</i> Intestine. <i>m.</i> Mouth. <i>ma.</i> Manubrium of the supporting stalk of the hook-apparatus. <i>ov.</i> Ovarium.</p>	<p><i>p.</i> Parapodium. <i>ph.</i> Pharynx. <i>s.</i> Sucker. <i>t.</i> Testicle. <i>u.</i> Hook of the hook-apparatus. <i>♂</i> Male genital papilla or opening.</p>
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Note.—The coloured drawings show the object seven times magnified; the uncoloured drawings are drawn with the Oberhäuser camera and objective 0 (Seibert and Krafft), which magnifies 40 diameters, the hook-apparatus with camera and objective IV., which magnifies 220 diameters, if the contrary be not expressly stated.

Figs. 1–4. *Myzostoma inflator*, n. sp.

- Fig. 1. Disk of *Antedon angustiradia*, P. H. C. (*a.*, anal tube; *m.*, mouth), with two cysts *A* and *B* at the base of the arm; magnified about 6 diameters.
- Fig. 2. Disk of *Actinometra pulchella*, Pourt., sp., with a fixed cyst (*C*) not so much magnified.
- Fig. 3. Intestinal ramification of the female from the cyst (fig. 2).
- Fig. 4. Dwarf male from the cyst (fig. 2), from the ventral side; magnified 75 diameters. *r.*, rectum.

Figs. 5–13. *Myzostoma murrayi*, n. sp.

- Figs. 5, 6. Stalked cyst from the disk of *Antedon angustiradia*, P. H. C., from both sides; magnified 5 diameters.
- Fig. 7. Diagrammatic cross section through this cyst, to show the position of the female (♀).
- Fig. 8. Cyst upon *Antedon duplex*, P. H. C., about twice enlarged. *C* the *Myzostoma* cyst.
- Fig. 9. Cyst (*C*) upon *Antedon radiosпина*, P. H. C.; magnified about 7 diameters.
- Fig. 10. Diagrammatic cross section through the latter, to show the male (♂) and the female (♀) within.
- Fig. 11. The male 75 times enlarged. *v.*, valve-like circular fold between middle and terminal intestine; *r.*, rectum.
- Fig. 12. A hook-apparatus slightly enlarged.
- Fig. 13. The point of the hook-apparatus much enlarged.