

PLATE II.

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

c. Marginal cirrus.	p. Parapodium.
cl. Cloacal papilla or opening.	ph. Pharynx.
i. Intestine.	s. Sucker.
m. Mouth.	t. Testicle.
ma. Manubrium of the supporting stalk of the hook-apparatus.	u. Hook of the hook-apparatus.
ov. Ovarium.	♂ 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. 1–8. *Myzostoma gigas*, Lütken, MS. (1–6, Copenhagen Museum, 7, 8, Challenger Expedition).

- Figs. 1, 2. From the ventral side; magnified 5 diameters.
 Fig. 3. From the dorsal side; magnified 5 diameters.
 Figs. 4–6. Its hook-apparatus. In fig. 4 the manubrium of the supporting stalk has been detached by the effect of the alkali; its outer layer (*b*) is stripped off, whereas the axis *a*. is intact.
 Figs. 7, 8. Young individuals; magnified 7 diameters.

Fig. 9. *Myzostoma carinatum*, n. sp.

- Fig. 9. The animal, seen from above (*B*) and from below (*A*).

Figs. 10–15. *Myzostoma carpenteri*, Graff.

- Figs. 10, 11. The larger individual, seen from the dorsal and ventral side.
 Fig. 12. Marginal cirri of the smaller individual.
 Fig. 13. Marginal part of the larger individual.
 Fig. 14. Diagrammatic cross section through fig. 10.
 Fig. 15. Young stage attached to the back of fig. 10 (camera).

Figs. 16–19. *Myzostoma marginatum*, n. sp.

- Fig. 16. From the dorsal side.
 Figs. 17, 18. From the ventral side.
 Fig. 19. Diagrammatic cross section.

Figs. 20, 21. *Myzostoma lütkeni*, n. sp.

- Figs. 20, 21. The animal, seen from the ventral side.

Fig. 22. *Myzostoma pictum*, n. sp.

- Fig. 22. The animal, seen from the dorsal side; magnified 16 diameters.

Fig. 23. *Myzostoma labiatum*, n. sp.

- Fig. 23. The fore-end highly magnified, in order to show the papillæ of the mouth border (*mp.*).

Figs. 24–28. *Myzostoma longipes*, n. sp.

- Fig. 24. From the dorsal side.
 Figs. 25, 26. From the ventral side.
 Fig. 27. Diagrammatic cross section through fig. 24.
 Fig. 28. A complete hook-apparatus.

Figs. 29, 30. *Myzostoma echinus*, n. sp.

- Fig. 29. Seen from the side.
 Fig. 30. Seen from the ventral side.

Both figures show the radial ranks of hard prickle-like tubercles of the skin.

Fig. 31. *Myzostoma chinesisicum*, n. sp.

- Fig. 31. The animal, seen from the dorsal side; magnified 6 diameters.

Fig. 32. *Myzostoma rubro-fasciatum*, n. sp.

- Fig. 32. The animal, seen from the dorsal side.