

PLATE I.

The following letters have the same signification throughout.

cl. Cloacal papilla or opening.
i. Intestine.
m. Mouth.
p. Parapodium.

ph. Pharynx.
s. Sucker.
♂ Male genital papilla or opening.

Figs. 1-3. *Myzostoma membranaceum*, n. sp.

Figs. 1, 2. The animal, from the ventral side ; magnified $5\frac{1}{2}$ diameters.

Fig. 3. The same, from the dorsal side.

Fig. 4. *Myzostoma longicirrum*, n. sp.

Fig. 4. Seen from the ventral side ; magnified 108 diameters ; Nos. I-X, the number of the cirri.

Figs. 5, 6. *Myzostoma fissum*, Graff.

Figs. 5, 6. Seen from the ventral side ; magnified $5\frac{1}{2}$ diameters ; Nos. I-III, the three pairs of caudal appendages.