

*Antedon milberti* or *Antedon comata*, P. H. C. On neither of these Crinoids have *Myzostomida* been hitherto described. The third specimen was obtained from *Antedon incisa*, P. H. C. (Station 170, Chall. Exp.), and presents some resemblance in form, thickness, and translucent marginal zone to *Myzostoma brevipes* (Report, No. 16). Its diameter measures 2·2 mm.; the ten marginal cirri are about 0·14 mm. in length; the colour of the body is dirty yellow. The back bears five pairs of low but sharply angled radial ridges. All the other specimens admitted of identification.

2. *Myzostoma longipes*, Graff.

*Myzostoma longipes*, Graff, Bull. Mus. Comp. Zool. Cambridge, vol. xi. p. 126, 1883.

6. *Myzostoma alatum*, Graff.

*Myzostoma alatum*, Graff, Proc. Roy. Soc. Edin., vol. xii. p. 379, 1884.

This *Myzostoma*, found on *Antedon phalangium*, Müll. sp., off Carthage in 80 fathoms of water (by H.M.S. "Porcupine," 1870), is a species new to the Mediterranean fauna. In size (3·5 mm. in longitudinal diameter), colour, and form, it exactly resembles the specimen figured in the Report (pl. i.), except that on the back the insertions of the parapodia appear as sharply projecting bosses, on the apex of which the base of the hook could be seen as a small tubercle. The thin marginal portion reveals without any treatment, but better still after saturating with glycerine, the very abundant, wide, and thickly crowded intestinal branches, which like the ova extend close to the margin of the disc.

The animal was situated between the mouth and anal-tube of its host, in part astride of the anal tube, and with its pharynx turned towards the oral margin of the *Antedon*. It was very firmly attached.<sup>1</sup>

10. *Myzostoma glabrum*, F. S. Leuckart.

*Myzostoma glabrum*, Beard, Mittheil. Zool. Stat. Neapel, Leipzig, vol. v., 1885.

" " Nansen, Bidrag til Myzostomernes Anatomi og Histologi, Bergen, 1885.

" " Wagner, Das Nervensystem von Myzostoma, Graz, 1886.

A new host for this species is *Antedon petasus* (Düb. and Kor.), from which Carpenter sent me two specimens (0·6 and 1·5 mm. in diameter).

11. *Myzostoma gigas*, Lütken (Pl. II. fig. 4).

*Myzostoma gigas*, Graff, Proc. Roy. Soc. Edin., vol. xii. p. 378, 1884.

" " Nansen, *Op. cit.*

Of two specimens from *Antedon eschrichti*, Müll. sp., from Station 48 of the Challenger Expedition, the one measured 1·75 mm., the other 2 mm. in longitudinal diameter, and

<sup>1</sup> Station 13 of the "Porcupine" Expedition of 1870, where this species was also obtained, is in the Atlantic, off Mondego on the Portuguese Coast, and not off Duncansby Head as given on p. 32 of the Report.