

3. The Copenhagen Museum (Dr. Ch. Lütken).
4. The Kiel Museum (Prof. K. Möbius).
5. The British Museum (Dr. A. Günther and Prof. F. Jeffrey Bell).
6. The Dutch Arctic Expedition of S.S. "Willem Barents," 1880-1881 (Kon. zool. Genootschap Nat. Art. Magistra, Amsterdam).
7. The Norwegian Arctic Expedition (Bergen Museum, Dr. A. Hansen).
8. The Leyden Museum (Prof. A. A. W. Hubrecht).
9. The private collections of Messrs. P. H. Carpenter, A. Agassiz, K. Möbius, E. Hæckel, and J. W. Spengel.

The most abundant and interesting material was obtained from Nos. 1-4.

I have indicated roughly the locality and also quoted the number of the Stations at which the different species collected during the Challenger and "Blake" Expeditions were found, since all the details are contained in the published lists of Stations of these two expeditions¹; moreover, the geographical distribution of the Myzostomida being connected with that of their hosts, the Report on the Crinoidea, shortly to be published, will furnish the necessary information.

The names of the hosts new to science were communicated to me by Mr. Herbert Carpenter from his MSS. Finally, I wish to state that, following the suggestion of Dr. v. Willemoes Suhm,² I examined the figures of fossil Crinoidea in palæontological literature, as well as the actual fossils contained in the Munich collection, in order to find out, if possible, traces of Myzostomida, and was rewarded by discovering the cysts of the parasites upon the stalks of fossil *Pentacrini*. I intend to continue these investigations, and should feel very grateful if those gentlemen who have at their disposal collections of fossil Crinoidea would be so kind as to inform me if they notice any appearances like those drawn on Pls. XI-XV. of this work.

ASCHAFFENBURG, October 1, 1883.

¹ Appendix to the Introduction to the Zoological Reports, Zool. Chall. Exp., vol. i.; also, Narrative of the Cruise, vol. i.—List of Dredging Stations occupied by the United States Coast Survey Steamers "Corvin," "Bibb," "Hassler," and "Blake," from 1867 to 1879. Benjamin Pierce and Carlile P. Patterson, Superintendents of the Coast Survey, *Bull. Mus. Comp. Zool.*, Cambridge, Mass., vol. vi., No. 1, 1879.

² Von der Challenger Expedition, Brief VI., *Zeitschr. f. wiss. Zool.*, Bd. xxvi., 1876, p. lxxix.