

THE
VOYAGE OF H.M.S. CHALLENGER.

ZOOLOGY.

REPORT on the MYZOSTOMIDA collected during the Voyage of H.M.S. Challenger during the years 1873-76. By Dr. L. VON GRAFF, Professor of Zoology in the College of Forestry, Aschaffenburg, Bavaria.

P R E F A C E.

IN this Report sixty-eight species of Myzostomida are enumerated, of which fifty-two appear here for the first time. The Report includes, in addition to the specimens collected by the Challenger Expedition, all the new material which I have been able to gather together since the publication of my Monograph on the genus *Myzostoma*.¹ I am indebted to the editor of the Challenger publications, as well as to those who have kindly furnished me with collections, for the permission, in the interests of science, to collect all the information into the present memoir. I am specially indebted to Mr. P. Herbert Carpenter, through whom I have received fifty new species. He, at my request, and with a readiness which cannot be too highly appreciated, looked for and sent me, with all the information necessary, the specimens of *Myzostoma* not only from the Challenger collection of Crinoidea, but also from the many others which he has examined during the past few years. The following shows the principal sources from which I have obtained the specimens described in the memoir, and I take this opportunity of conveying my thanks to the gentlemen who have so generously placed collections in my hands for examination and description.

1. Challenger Expedition.
2. Dredging Expedition of the U.S.S. "Corvin," "Bibb," "Hassler," and "Blake" (Mus. of Comp. Zool., Harvard College, Cambridge, Mass., Prof. A. Agassiz).

¹ Das genus *Myzostoma*, mit 11 Tafeln., Leipsic, 1877.