

THE
VOYAGE OF H.M.S. CHALLENGER.

ZOOLOGY.

REPORT on the POLYZOA collected by H.M.S. Challenger during the years 1873-76: By GEORGE BUSK, F.R.S., V.P.L.S., &c.

**PART II.—The CYCLOSTOMATA, CTENOSTOMATA,
and PEDICELLINEA.**

INTRODUCTION.

So much has been written of late years concerning the Polyzoa, that it is not possible for me here to name all those to whom I have been indebted for assistance in the preparation of this Report, but among the most important recent contributions to our knowledge of all the three orders now under consideration, must be mentioned the valuable works of Mr. Hincks¹ and Professor Smitt.² To M. L. Joliet³ we owe papers, both anatomical and descriptive, on the Polyzoa of the French Coast. Mr. P. H. Macgillivray,⁴ has described and figured many new species of CYCLOSTOMATA belonging to the Australian region. Mr. Waters⁵ has given descriptions of recent species from the Bay of Naples, as well as of fossil Australian species; and Dr. J. Jullien⁶ of species collected in the

¹ Hincks, Brit. Mar. Polyz., 1880, and various papers in *Ann. and Mag. Nat. Hist.*, &c.

² Smitt, Hafs-Bryoz. Uteckl. och Fettkr., 1864; Bryoz. Mar., 1867; Kritisk Förteckn., 1865, 1871; Florid Bryoz., pt. i., 1872.

³ Joliet, Les Bryozoaires des Côtes de France, *Archives d. Zool. Expér.*, t. vi., p. 193, 1877.

⁴ Macgillivray, P. H., *Nat. Hist. Vict.*, decades iv. and vii.; *Proc. Roy. Soc. Vict.*, Polyzoa, parts iv. vi., vii., viii., ix.

⁵ Waters, *Ann. and Mag. Nat. Hist.*, ser. 5, vol. iii.; *Quart. Journ. Geol. Soc.*, vol. xl. p. 674, 1884.

⁶ Jullien, *Bull. Soc. Zool. de France*, t. vii., 1882.