

THE
VOYAGE OF H.M.S. CHALLENGER.

ZOOLOGY.

REPORT on the HYDROIDA dredged by H.M.S. Challenger during the Years 1873–76. By Professor G. J. ALLMAN, M.D., LL.D., F.R.C.S.I., F.R.S.S. L. & E., M.R.I.A., C.M.Z.S., Mem. Roy. Danish Acad. Sci., &c.

PART II.—THE TUBULARINÆ, CORYMORPHINÆ, CAMPANULARINÆ, SERTULARINÆ, AND THALAMOPHORA.

PREFACE.

THE collection of Hydroida brought home by the Challenger contains representatives of almost every important group of this order. The Plumularinæ, to which I have devoted a separate examination in that part of the Report which has been already published, are richly represented in the collection, and examples of almost all the leading types of this beautiful group have been found in it. Many of these have afforded the means of working out certain morphological relations which throw light on the architecture of the group and demonstrate a fundamental unity amongst very diverse modifications of structure. The Hydrocorallinæ have been made the subject of a very valuable independent Report by Professor Moseley,¹ and it is now proposed to consider all the remaining Hydroid groups, examples of which were obtained during the Expedition. In addition to the new species certain previously known ones have been figured, when this seemed desirable.

I have taken advantage of the opportunity afforded by the typical character of the collection to make this the basis of a general exposition of Hydroid morphology, from the

¹ Report on certain Hydroid, Alcyonarian, and Madreporarian Corals, Zool. Chall. Exp., part vii.