

T H E

VOYAGE OF H.M.S. CHALLENGER.

ZOOLOGY.

REPORT on the PTEROPODA collected by H.M.S. Challenger during the
Years 1873-76. By PAUL PELSENER, D.Sc. (Brussels).

PART III.—ANATOMY.

INTRODUCTION.

THE collection of Pteropoda, preserved in alcohol, brought home by the Challenger, includes specimens of all the known genera except *Cymbuliopsis* and *Clione*.

This collection having been placed in my hands for purposes of systematic study, I was, when this part of the work was concluded, in an exceptionally favourable position for undertaking a monographic examination of the organisation of this group of animals. Since the publication of Souleyet's memorable work, the anatomy of the Pteropoda has been studied almost exclusively by means of European species, and this is the first time since that epoch that such an important collection as the present one has been made, including, as it does, forty-four species out of the sixty-three actually known, and specimens of nearly all the genera.

Hence although the time at my disposal was very limited, I could not allow an opportunity to escape which would probably not soon occur again.

By adding to the Challenger collection some specimens of *Clione limacina* which Mr. John Murray placed at my disposal, and a specimen of *Cymbuliopsis* of my own, I was able to investigate all the known genera of Pteropods, so that the conclusions at which I have arrived have not been drawn from the organisation of a few species only,