

THE
VOYAGE OF H.M.S. CHALLENGER.

ZOOLOGY.

REPORT on the HETEROPODA collected by H.M.S. Challenger during the
Years 1873-76. By EDGAR A. SMITH, F.Z.S., Assistant in the Zoological
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INTRODUCTION.

THE collection of Heteropoda submitted to me for examination and description consists of a number of dead shells of Atlantidæ, which were dredged at various stations in the Atlantic and Pacific Oceans, and of a few specimens of the same family and others belonging to the Pterotracheidæ which were obtained occasionally by surface dredging. Most of the latter specimens are not in very good condition, the majority being more or less mutilated, so that their identification has been all the more difficult and in some cases impossible.

As no list of the species of this group of Mollusca has been attempted for many years, it was suggested by Mr. John Murray that I should compile a synonymic catalogue of the various families, genera, and species, which might prove of service to those who may have occasion to study the Heteropoda.

Such a catalogue I have prepared, and have endeavoured to make the references as complete as the leisure time¹ at my disposal would allow. The chronological sequence has been adopted in order that the priority of names can be seen at a glance and the progressive knowledge of each species the more readily traced.

¹ The collection was placed in my hands on October 1, 1887.