

THE
VOYAGE OF H.M.S. CHALLENGER.

ZOOLOGY.

REPORT on the PENNATULIDA dredged by H.M.S. Challenger during the years 1873–1876. By PROFESSOR ALBERT V. KÖLLIKER, F.M.R.S., &c., &c.

IN accordance with the request of Sir Wyville Thomson, I undertook the description of the PENNATULIDA collected by the Challenger Expedition. With the exception of *Umbellula thomsoni*, the whole collection came into my hands in April 1879. I devoted the whole of the succeeding summer to the investigation, and sent my MSS., with a number of plates drawn by Mr Rabus of Würzburg, to Sir Wyville Thomson in the beginning of August of the same year.

Want of time, and the nature of the material forwarded to me, prevented me from going deeply into anatomical details, and there was, perhaps, the less reason for my doing so, as my monograph of the Pennatulida (*Anatomisch-systematische Beschreibung der Aleyonarien*, Frankfurt, 1872) gives to those who have a special interest in this department an opportunity of gaining a clear insight into the structure of the group.

The following is a description of all the Challenger PENNATULIDA according to the classification given at the end of this paper:—

Order PENNATULIDA.

Section I. PENNATULÆ.

Sub-section I. PENNIFORMES.

Family 1. PTEROEIDIDÆ.

Pteroeides, Herklots.

1. *Pteroeides esperi*, Herkl.

This species is represented by five entire specimens of different ages, and a larger number of fragments. All were collected at Station 212, lat. 6° 55' N., long. 122° 15' E., off Mindanao, one of the Philippine Islands, on the 28th January 1875, at depths of 10, 14, and 20 fathoms.