

THE
VOYAGE OF H.M.S. CHALLENGER.

ZOOLOGY.

REPORT upon the CRINOIDEA collected during the Voyage of H.M.S. Challenger during the Years 1873-76. By P. HERBERT CARPENTER, D.Sc., F.R.S., F.L.S., Assistant Master at Eton College.

PART II.—THE COMATULÆ.

P R E F A C E.

THE accompanying Report is the result of a study of the Comatulæ which has been carried on, with occasional breaks caused by bad health and by the pressure of other work, since the latter part of the year 1875. Early in 1878 Sir Wyville Thomson was good enough to place the Challenger collection in my hands for description; and in the following year a preliminary account of it was published in the Proceedings of the Royal Society.

The group had been singularly neglected for many years previously. Müller's classical memoir, *Ueber die Gattungen und Arten der Comatulen*, appeared in 1849, and laid the foundation of all future systematic work, as well as of the descriptive terminology now in use. Isolated species have been described by various authors during the last forty years, but no serious revision of the group has ever been attempted, though in 1862 Müller's classification was modified in one or two points by Dujardin and Hupé.

Thirty-five species were described by Müller in 1849, the types of which are scattered