

THE  
VOYAGE OF H.M.S. CHALLENGER.

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ZOOLOGY.

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REPORT on the FORAMINIFERA collected by H.M.S. Challenger during the Years 1873-1876. By HENRY BOWMAN BRADY, F.R.S., F.L.S., F.G.S., &c.

INTRODUCTION.

THE following Report consists mainly of a description of the Foraminifera furnished by the various bottom-dredgings and tow-net gatherings obtained during the Challenger Expedition. As dredging was conducted at more or less regular intervals during the entire voyage, the material collected by that means affords a general indication of the nature of the sea-bottom, both with respect to its physical and biological features, over a considerable portion of the globe. Those regions of the North Atlantic, however, which were explored on the "Porcupine" Expedition of 1869 were not visited on the Challenger cruise; and as no detailed account has hitherto been given of the Foraminifera procured at that time, it has been thought desirable that, as far as possible, they should be included in the present work. To add somewhat to its completeness with reference to recent scientific expeditions, the collections made on the cruise of the "Knight Errant" in the summer of 1880 and on the British and Austro-Hungarian North-Polar Expeditions have also been utilised.

Observations were taken during the Challenger voyage at three hundred and sixty-two Stations, but from a number of them only small samples of the sea-bottom were preserved; whilst, on the other hand, shallow-water gatherings were frequently made which do not appear in the official list. The material practically available for the purposes of the present Report consisted of sands, muds, and the like, from about one hundred and