

THE  
VOYAGE OF H.M.S. CHALLENGER.

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ZOOLOGY.

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REPORT on the ASTEROIDEA collected during the Voyage of H.M.S. Challenger during the Years 1873-76. By W. PERCY SLADEN, F.L.S., F.G.S., &c., Secretary of the Linnean Society.

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P R E F A C E.

THE preparation of the Report on the Asteroidea obtained by the Challenger Expedition was entrusted to me by the late Sir C. Wyville Thomson, and I received the collection in the early part of the year 1881. Dr. John Murray subsequently placed in my hands the starfishes collected during the cruises of the "Lightning," "Porcupine," "Knight Errant," and "Triton;" and an account of these is included in the present Report, which has thus become a statement of all the Asteroidea obtained by British deep-sea dredging Expeditions up to the present date.

In the following pages there are described 33 genera, 2 subgenera, 196 species, and 15 varieties first discovered by the Expeditions above named; and 9 other new genera and 3 subgenera, based on forms previously known or not obtained by these Expeditions, are established.

Summarising each Expedition independently: in the Challenger collection there are 84 genera, 5 subgenera, 268 species, and 13 varieties; of which 34 genera, 4 subgenera, 184 species, and 12 varieties are new (five of the new genera and two subgenera being based on types of which one or more representatives have been previously known).

In the "Porcupine" collections of 1869 and 1870 there are 25 genera, 1 subgenus, 29 species, and 1 variety; of which 7 genera, 1 subgenus, 10 species, and 1 variety are new (two of the genera being based on types of which representatives were previously known).

In the "Lightning" collection are 3 genera and 3 species; of which 1 genus and 1 species are new. (In the case of the "Lightning" and "Porcupine" Expeditions it is