

122 BIBLIOGRAPHY OF INVERTEBRATE PALEONTOLOGY.

- Nicholson, H. Alleyne.** On the mode of growth and increase amongst the Corals of the Palaeozoic period. < *Trans. Royal Soc. Edin.*, vol. xxvii, pp. 237-249, pl. xvii. 1875.

Treats of the general and special peculiarities of growth and non-sexual reproduction exhibited by the Palaeozoic Corals. The author's observations have principally reference to American forms.

- Nicholson, H. Alleyne.** On the bearing of certain Palaeontological facts on the Darwinian theory of the origin of species and on the general doctrine of evolution. < *Trans. Vict. Inst.*, vol. ix, p. 307. 1875.

Amongst other subjects, the author examines the chief facts observable as to the succession of life in a series of conformable deposits; the Upper Silurian and Devonian Rocks of North America being selected for this purpose, and the question being specially investigated as regards the *Brachiopoda*.

- Nicholson, H. Alleyne.** Notes on the Palaeozoic Corals of [the State of] Ohio. < *Ann. and Mag. Nat. Hist.*, ser. 4, vol. xviii, pp. 85-114, pl. v. 1876.

Gives details as to the microscopic characters of several species of *Chonetes*, *Constellaria*, and *Dekayia*. The minute structure of *Streptelasma corniculatum* Hall is also described and figured.

- Nicholson, H. Alleyne.** On the minute structure of the Corals of the genera, *Heliophyllum* and *Crepidophyllum*. < *Ann. and Mag. Nat. Hist.*, ser. 5, vol. i, pp. 44-54. 1878.

Describes the microscopical characters of the above genera.

- Nicholson, H. Alleyne, and R. Etheridge, jun.** Notes on the genus *Alveolites*, Lamarck, and on some allied forms of Palaeozoic Corals. < *Journ. Linn. Soc.*, vol. xiii, pp. 353-370, pls. xix, xx. 1877.

Some American Corals are treated of in this memoir. The authors conclude, from a microscopic examination, that *Alveolites fischeri* Billings and *A. frontosa* Nob. from the Devonian of North America are truly referable to the genus *Pachypora* Lindström.

- Nicholson, H. Alleyne, and R. Etheridge, jun.** Contributions to Micro-Palaeontology.—I. On the genus *Tetradium*, Dana, and on a British species of the same. < *Ann. and Mag. Nat. Hist.*, ser. 4, vol. xx, pp. 161-169, 161-163, with 1 engraving. 1877.

In the first part of this paper, the authors describe fully the microscopic characters of *Tetradium minus* Safford, from the Lower Silurian of Ohio and Canada.

- Nicholson, H. Alleyne, and R. Etheridge, jun.** On *Ascodictyon*, a new provisional and anomalous genus of Palaeozoic fossils. < *Ann. and Mag. Nat. Hist.*, ser. 4, vol. xix, pp. 463-468, pl. xix. 1877.

The authors propose the generic title of *Ascodictyon* for some singular parasitic organisms, of uncertain affinities, found in the Devonian rocks of North America and the Carboniferous deposits of Britain. Two American species are described under the names of *A. fusiforme* and *A. stellatum*.

- Nicholson, H. Alleyne, and R. Etheridge, jun.** On the genus *Palaeacis*, and the species occurring in British Carboniferous rocks. < *Ann. and Mag. Nat. Hist.*, ser. 5, vol. i, pp. 206-227, pl. xii. 1878.

The authors deal in part with the American forms of the genus.