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CANADIAN STROMATOPOROIDS.

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In Canada, as elsewhere, only the more obvious characters of the Stromatoporoidea were examined by the first students of this difficult group of fossils, and it is probable that some of the earlier species proposed will have to be abandoned, as inadequately defined.

Of late years, however, these organisms have been studied much more systematically, especially by Professor H. Alleyne Nicholson, of the University of Aberdeen, and the minute structure of the different species has been elucidated and their probable affinities ascertained by means of thin microscopic sections.

While engaged in the preparation of his monograph of the British species for the Palæontographical Society, Professor Nicholson kindly examined and either identified or described, specimens of most of the Canadian species of Stromatoporoids that were then represented in the Museum of the Geological Survey at Ottawa, but some additional material has since been received at that Museum, especially an interesting series of specimens

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