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PRELIMINARY NOTE ON NEW SPECIES OF SPONGES
FROM THE QUEBEC GROUP AT LITTLE MÉTIS.

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Little Métis Bay presents a good section of rocks of the Quebec Group, including sandstones, slates and conglomerates similar to those which characterise this series of beds along the south shore of the St. Lawrence. These beds have afforded a species of *Retiolites*, allied to or identical with *R. ensiformis* of Hall¹, worm-burrows of various forms, including a spiral form similar to *Arenicolites spiralis*, and radiating markings of the kind elsewhere known as *Astropolithon*. A small species of *Obolella* also occurs, resembling *O. Ida* of Billings. In the conglomerates are limestone boulders, holding fragments of Trilobites of the genus *Solenopleura* and other fossils; but these seem to be of Middle Cambrian age, or considerably older than the beds in which they occur.

There can be no doubt, from the stratigraphical position

¹ Identified by Prof. Lapworth.