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SIR,—The following report is based upon observations made by the authors, with the assistance of J. W. Bailey and W. H. T. Reed, during portions of the summers of 1886 and 1887, in Northern New Brunswick and adjacent areas of Maine and Quebec.

It also embraces a summary of the facts, ascertained from a general review of the entire Silurian system in this section of the Dominion, including its extent, its order of succession, and its relations to the formations which lie below and above it.

The map intended to accompany the present report, and representing the geology of portions of Madawaska county, New Brunswick and Temiscouata county, Quebec, is in the hands of the engraver, and will be issued when completed. It is Sheet No. 17 N.E. of the series of maps on a scale of four miles to an inch, and, as regards New Brunswick, is the last but one of the series.

A tabulated list of the fossils of the region is given in the form of an Appendix by H. M. Ami, by whom the lists of fossils in the body of the report have also been prepared.

The thanks of the authors are due to the Manager of the New Brunswick Railway for the continuation of courtesies extended since the commencement of the survey.

Respectfully yours,

L. W. BAILEY.

WM. McINNES.

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