

TRANSACTIONS
OF
THE ROYAL CANADIAN INSTITUTE.

PALAEOZOIC FOSSILS FROM A REGION SOUTHWEST OF
HUDSON BAY.

*A Description of the Fossils collected by Joseph B. Tyrrell, Esq., F.R.S.C.,
in the District of Patricia, Ontario, and in Northern Manitoba
during the Summer of 1912.*

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By Act of Parliament of Canada in the year 1912, a portion of the old District of Keewatin, estimated at 157,400 square miles, was added to the Province of Ontario. In the same year appeared a compilation of the literature bearing on this region which was published as the Second Part of the Twenty-first Volume of the Report of the Bureau of Mines of Ontario. This report, written by Professor W. G. Miller, Provincial Geologist, gives an excellent summary of the work hitherto done in this area, which is now embraced in the Province of Ontario under the name of the District of Patricia.

In April 1912, the Honourable the Minister of Lands, Forests and Mines of the Province of Ontario instructed Joseph B. Tyrrell, Esq., to perform certain duties regarding the details of boundary between the Provinces of Ontario and Manitoba and "finally to return home through that part of the District of Keewatin added by the Act of Parliament of last session to the Province of Ontario, and now known as the District of Patricia, obtaining such general information as to the character, resources and possibilities of this district as it might be possible to procure in the time available".

In the course of his investigations, Mr. Tyrrell collected a large number of fossils from the Silurian outcrops along the Severn river and its tributary the Fawn river. On the Manitoba side of the boundary, particularly at the lower rapids of the Shamattawa river, a number