

THE
CANADIAN RECORD
OF SCIENCE.

VOL. IV.

APRIL, 1891.

NO. 6.

DESCRIPTIONS OF FOUR NEW SPECIES OF FOSSILS
FROM THE SILURIAN ROCKS OF THE SOUTH
EASTERN PORTION OF THE DISTRICT
OF SASKATCHEWAN.¹

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(With Plate III.)

While engaged in explorations on behalf of the Geological Survey of Canada in 1889 and 1890, Mr. J. B. Tyrrell discovered an area of Silurian (Upper Silurian) rocks on the north east side of Lake Winnipegosis, on Cedar Lake, and on the Saskatchewan River below Cedar Lake. From these rocks an interesting series of fossils was obtained, some of which are apparently new to science, and of these latter, four of the most characteristic or important species will be described and illustrated in the present paper. On stratigraphical and other grounds, Mr. Tyrrell has found it desirable to divide the Silurian of this district into two local subdivisions. The fossils here described will be considered in the order of their geological relations, but it may be well to state that the *Pentamerus* and *Gomphoceras* are from the

¹ Communicated by permission of the Director of the Geological Survey of Canada.