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DESCRIPTIONS OF EIGHT NEW SPECIES OF FOSSILS FROM
THE (GALENA) TRENTON LIMESTONES OF LAKE WINNIPEG
AND THE RED RIVER VALLEY.

By J. F. WHITEAVES.

The following descriptions are communicated, by permission of the Director of the Geological Survey of Canada, for publication in advance of an official Report on the fossils of the Cambro-Silurian rocks of Lake Winnipeg and its vicinity, now in course of preparation by the writer, in which it is hoped that these and many other species will be fully illustrated. This Report is intended to form the third part of the third volume of the "Palæozoic Fossils" of Canada.

ALGÆ.

CHONDRITES PATULUS. (Sp. nov.)

Thallus frondose, continuous, spreading widely in the same plane, and consisting of a thin, uniformly flat expansion, devoid of midrib or veins, which is doubly, deeply and widely trifurcate at a short distance from the laterally expanded base of attachment, with the secondary