

BOOK NOTICES.

Notes on the Gasteropoda of the Trenton limestone of Manitoba, with a description of one new species, by J. F. Whiteaves of the Geological Survey of Canada. *Canadian Record of Science*, April 1893, pp. 317-328.

This paper is one of a series on the Cambro-Silurian fossils of Manitoba. The author's reports on the Orthoceratites of the Winnipeg basin, published in the Royal Society's Transactions for 1891 and 1892, are well known, whilst the remainder of the fauna of these Palæozoic rocks will no doubt be shortly described.

Mr. Whiteaves has had access to all the collections made by officers of the Geological Survey; to specimens obtained during the Saskatchewan Exploring Expedition of 1858; to those collected by Hudson Bay officers and to notes on those of Sir John Richardson, and other Arctic explorers. The present report forms, therefore, an important contribution to the geological history of those interesting and important regions of Canada.

Amongst the collections received were those made by Prof. H. Y. Hind in 1858, by Dr. Selwyn in 1872, by Dr. Bell in 1879 and 1880, by Messrs MacCharles and Weston, in 1884; by Mr. Tyrell in 1889 and 1890, and by Messrs Dowling and Lambe in 1889-90. The collections are from the following localities:—East Selkirk, Lower Fort Garry and Nelson River (in Keewatin,) on the mainland and Big, Elk, Deer, Birch, Snake, Bereus, Jack Fish, Sturgeon, Black Bear and other islands in Lake Winnipeg. Sixteen species of Trenton Gasteropoda are recorded, as follows:—

TRENTON GASTEROPODA.

1. *Raphistoma lenticulare*, Hall.
2. *Pleurotomaria subconica*, Hall.
3. " *muralis*, D. D. Owen.
4. *Murchisonia Mulleri*, Hall.
5. " *gracilis*, Hall.
6. " *bellicincta*, Hall, var. *teretiformis*, Billings.