

from the (Galena) Trenton of Lake Winnipeg and its vicinity, which has yet to be examined. The determinations and descriptions of Canadian Stromatoporoids are scattered through many publications that are not always easily accessible, and the present paper, therefore, will consist of a stratigraphical and systematic list, with references, etc., of all the species that have either been recognized or even supposed to have been recognized in Canada, or described from Canadian localities, commencing with those that have been examined microscopically.

A. SPECIES THAT HAVE BEEN EXAMINED WITH THE
MICROSCOPE.

(*Cambro-Silurian species.*)

CLATHRODICTYON VARIOLARE, Rosen. (Sp.) .

Stromatopora variolaris, Von Rosen. 1867. Ueber die Natur der Stromatop., p. 61, pl. 2, figs. 2-5.

Clathrodictyon variolare, Nicholson. 1887. Ann. and Mag. Nat. Hist., ser. 5, vol. XIX., p. 4, pl. 1, figs. 4-6.

“ “ Nicholson. 1889. Mon. Brit. Stromatop., pt. 2, p. 150, pl. 18, figs. 1-5, and pl. 17, fig. 14.

Specimens which appear to be referable to this species were collected from the Hudson River formation at the Jumpers, Anticosti, by J. Richardson in 1856, and at Cape Smyth, Lake Huron, by Dr. R. Bell in 1859. It is the species referred to on page 304 of the Geology of Canada as *Stromatopora concentrica*, which, according to Professor Nicholson, “so far as at present known” (in 1891), “is a purely European species and entirely confined to the Devonian rocks.”