

"Reprinted from the Canadian Record of Science, July, 1896."

NEMATOPHYTON CRASSUM.

By D. P. PENHALLOW.

Since my last summary of the genus *Nematophyton*, in which eight species were enumerated,¹ additional material has been received, which, on the basis of more ample and more perfectly preserved specimens, serves to extend and confirm our previous knowledge of certain species.

The specimen now under consideration was received from Mr. F. K. Mixer, of the Buffalo Society of Natural Sciences, who reports that it was obtained from the upper part of the water-lime group (Lower Helderberg) of the Upper Silurian. Heretofore the occurrence of this genus, at so low a horizon, has been confined to *N. Hicksii*, *N. Logani* and, more recently, *N. Storriei*, all of which have been from European localities, while *N. Logani* has also been found sparingly and in fragmentary specimens at Cap Bon Ami, New Brunswick.

This is the first time the species now under consideration has been observed in the Silurian of America, the lowest and only horizon heretofore recorded being Middle Erian. It, therefore, affords important testimony bearing upon the great antiquity of the genus as a whole, and of this species in particular.

¹ Ann. Bot. X., 41, 1896.