In the shales containing the above species, the only other fossils observed were slender fucoids, a small Obolella and a minute Cystidean or Crinoid, as follows :---

Obolella Ida? Billings.

I refer the specimens of Brachiopods found to this species, which belongs to the Lévis division of the Quebec Group. The valves are mostly pyritized, but sometimes flattened and then represented by a mere carbonaceous film. Mr. Whiteaves, to whom I have shewn these shells, agrees with me on their probable reference to one of Mr. Billings' smaller species from the Quebec Group.

Cystites ?

A small-jointed stem one centimetre in length, with an elongated, flattened, oval mass at one end, in which, however, no distinct plates can be discovered.

Buthotrephis pergracilis. S. N.

Stems very long and flexuous, about one millimetre in diameter, and obscurely striate longitudinally; sending off at their extremities short alternate or opposite branches. Allied to *B. gracilis*, Hall, of the Siluro-Cambrian, but much more elongated and slender. These plants are replaced by pyrite.

Note on Cyathophycus reticulatus. Walcott.

In the collection of minerals of the late J. S. Miller, Esq., of Ottawa, purchased for the University. are a few fossils, some of them Canadian, others from the phosphate deposits of South Carolina. Among the former are a few specimens of Utica slate fossils, which, from their appearance I suppose, have been collected in the beds of that formation near Ottawa, though it is possible that some of them may have been obtained from the United States. They include a specimen of the above species, which Mr. Ami, who has collected extensively in these beds at Ottawa, informs me has not yet occurred to him. The specimen is a small slab of the ordinary Utica shale, having an impression of a