

lakes near the base of the Peninsula, three of which are joined into a chain by rivers. Springs and small streams abound, and swales and swamps are common. Near the Lake Huron shore are extensive bogs and at Mud Lake is a large bog.

The places mentioned in these notes are located as follows:—Wiarton, Colpoy's Bay, Cape Croker, Hope Bay, Barrow Bay, and Lion's Head on the shore of Georgian Bay; Oliphant and Golden Valley on the shore of Lake Huron; Adamsville, Purple Valley and Mar in the interior.

These notes are not presented in the belief that they constitute a complete list of the algae of the region, since they are the result of but two months' work—May and June, 1911—and no forms are included which were not in perfect shape for identification. In the case of *Anabaena*, *Spirogyra*, *Vaucheria*, *Zygnema*, and *Oedogonium*, this limits the list very considerably since fruiting material is always rare compared with that in a vegetative condition. The majority of the species recorded constitute first records for Canada.

CYANOPHYCEAE.

Chroococcus turgidus, Naegeli. Bog, Mud Lake, near Colpoy's Bay June 7; Marsh, Oliphant, June 14.

Gleocapsa rupestris, Kuetzing. Common on stones in pools in rock of limestone point on shore of Lake Huron at Oliphant, June 14.

Microcystis marginata, Kuetzing. Floating among other algae at windward shore of Sky Lake, near Oliphant, May 28; Bog, Mud Lake, near Colpoy's Bay, June 26.

Coelosphaerium kuetzingianum, Naegeli. Floating among other algae at windward shore of Sky Lake, May 28.

Merismopedium glaucum, Naegeli. Plankton, Pool on the Commons, Colpoy's Bay, May 8, 1911; Swale, Colpoy's Bay, May 20; Pool, McGregor's Harbour, Cape Croker, May 30; Shore of Lake Huron at Oliphant, June 14; Sky Lake, May 28.

Oscillatoria tenuis, Agardh. Damp place on rock. Colpoy's Bay, May 11.

Oscillatoria subtilissima, Kuetzing. Damp place on rock, Colpoy's Bay, May 11.

Oscillatoria formosa, Bory. On timber in a small stream near Colpoy's Bay, May 27.

Nodularia paludosa, Wolle. Swale near Colpoy's Bay, May 20; Swamp, Golden Valley, June 1.

Anabaena torulosa, Lagerheim. Swale, Colpoy's Bay, May 20; Swamp, Golden Valley, June 1.