

- Coelastrum proboscideum*, Bohlin. Swale, near Colpoy's Bay, June 5; Marsh, Oliphant, June 14.
- Sorastrum spinulosum*, Naegeli. Scarce, in collection from a pool at Hope Bay, June 8.
- Hydrodictyon reticulatum*, Lagerheim. Forming a sheet over the surface of a large pool at edge of swale near Colpoy's Bay, June 5.
- Pediastrum boryanum*, Meneghini. A very common plankton form throughout the Peninsula.
- Pediastrum tetras*, Ralfs. Scarce, in collection from a marsh at Oliphant, June 14; Pool, Hope Bay, June 8.
- Ulothrix aequalis*, Kuetzing. This species and *Ulothrix zonata* are the commonest filamentous forms on the rocks of the shores of Georgian Bay. They occur in patches consisting of one species only. Gametes were mature on April 30.
- Ulothrix zonata*, Kuetzing. Common on rocks along shores of Georgian Bay; fruiting on May 7.
- Oedogonium capilliforme*, Kuetzing. Swale, Colpoy's Bay, June 5.
- Chaetosphaeridium globosum*, Klebahn. On *Oedogonium capilliforme* in swale, Colpoy's Bay, June 5.
- Chaetophora elegans*, Agardh. Forming globular gelatinous masses about 5mm. diameter on stones in a pool on the Cape Croker road, May 30; forming light green spheres from extremely minute size up to 1 mm. diameter on sticks at edge of a willow swale near Colpoy's Bay, June 5.
- Chaetophora incrassata*, Hazen. Attached to log in a ditch, near Wiarton, May 12; common on stones at bridge over Patanelly River, near Mar, June 1.
- Stigeoclonium lubricum*, Kuetzing. Common in a little stream from a spring near Wiarton, May 5.
- Draparnaldia acuta*, Kuetzing. In pools with *Tetraspora lubrica* on a bush road near Mar, May 10. Stream near Wiarton, May 19; Stream near Golden Valley, June 1.
- Draparnaldia glomerata*, Agardh. Swale, Colpoy's Bay, May 20; Swamp, Golden Valley, June 1.
- Pleurococcus vulgaris*, Meneghini. Common on trees, walls, etc.
- Treptophlia aurea*, Martius. Scarce on limestone rocks in *Populus-Thuja* scrub along Mar road, June 20; forming bright orange velvety cushions from 1 to 2 dm. in extent; Forming light orange-colored patches on rocks along the shore road at Colpoy's Bay, June 25.
- Cladophora callicoma*, Kuetzing. Scarce in stream at Colpoy's Bay.
- Vaucheria sessilis*, D.C. Common in swale along Wiarton road. oöspores not yet mature, June 23.
- Vaucheria geminata racemosa*, Walz. Swamp near Boat Lake, June 15.