

Notes on the Plant Formations of the Shores of Georgian Bay.

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FROM August 17th to September 19th, 1912, I was engaged upon a survey of the flora of Georgian Bay, in connection with the Biological Station at Go-Home Bay, Muskoka. While the main end in view was to ascertain the distribution of aquatic plants, particularly *Algae*, I was able to do considerable work upon the land flora of the shores of the Bay.

From August 17th to August 19th, I spent at the Biological Station. On August 20th, in company with Mr. A. D. Robertson, M. A., of the Zoological Department, Toronto University, I started on a trip round Georgian Bay in a twenty-five foot open motor boat. We carried a tent and camp outfit, and camped from one to four days at the following points on the shore of the Bay: Waubaushene, Shawanaga in Parry Sound District, French River in Nipissing District, Killarney in Algoma District, Big Burnt Island, off Manitoulin, Wekwemikongsing, Manitoulin, Rattlesnake Harbour, Fitzwilliam Island, south of Manitoulin; Tobermory, at the top of the Bruce Peninsula; MacGregor Harbour, Bruce Peninsula, and Collingwood.

From these points runs were made each day in the boat, which lightened of the camp effects was able to make good speed, to the neighbouring islands, shores and rivers. While en route from one camp-site to another we often landed to make observations and collections.

The Country round Waubaushene is rather flat with numerous low islands and extensive marshes. The following were the formations at Canary Island, Waubaushene, August 21st:

HYDROPHYTIC FORMATION.

Potamogeton heterophyllus, *Potamogeton natans*, *Potamogeton zosterifolius*, *Najas flexilis*, *Ceratophyllum demersum*, and *Nymphaea advena*.