

The bog at Oliphant is particularly interesting as it is an example of an area undergoing a comparatively rapid change. Even in the six years during which I have had this locality under observation, it has become much drier. This is probably due to the steady falling of the water in Lake Huron as this bog is situated between the sand hills and the lake. The Sphagnum, the basis of high-moor formations appears to be dying out, and in many parts of the bog plants which usually inhabit drier locations, as *Linum medium*, *Carex eburnea*, *Aster ptarmicoides* and *Solidago canadensis* are coming in.

The trees in this bog are mainly *Larix laricina*, and *Thuja occidentalis*. The shrubs are *Hypericum kalmianum* and *Potentilla fruticosa*. Fig. I shows a section of this bog on the landward side. In addition to the species already mentioned the following constitute the flora of the Bog:—*Equisetum palustre*, *Selaginella selaginoides*, rare and confined to a very limited area, *Juniperus horizontalis*, *Triglochin palustris*, *Triglochin maritima*, *Eriophorum viride-carinatum*, *Scirpus caespitosus*, *Eleocharis acuminata*, *Carex filiformis*, *Carex castanea*, *Carex polygama*, *Carex livida*, *Carex leptalea*, *Carex capillaris elongata*, *Carex interior*, *Tofieldia glutinosa*, *Smilacina stellata*, *Zygadenus chloranthus*, *Iris lacustris*, *Sisyrinchium mucronatum*, *Cypripedium hirsutum*, *Cypripedium parviflorum pubescens*, *Habenaria hyperborea*, *Calopogon pulchellus*, *Spiranthes romanzoffiana*, *Sarracenia purpurea*, *Drosera rotundifolia*, *Drosera linearis*, *Parnasia caroliniana*, *Primula mistassinica*, *Arctostaphylos ura-ursi*, *Moneses uniflora*, *Satureja glabra*, *Gerardia paupercula*, *Castilleja coccinea*, *Utricularia gibba*, *Utricularia cornuta*, *Lobelia kalmii*, *Solidago riddellii* and *Cacalia tuberosa*. The occurrence of the two latter species is interesting as both are plants whose range lies to the south-west of Ontario and they further illustrate a south-western tendency shown by other members of the flora and by the fauna of the Bruce Peninsula.

In the bog at Golden Valley Sphagnum is abundant and deep, and it will be seen that many species which are apparently recent arrivals from drier ground in the Oliphant bog are absent. The following is the flora of a section of this bog examined on June 1st. Undoubtedly later in the season other species would be found. *Equisetum palustre*, *Primula mistassinica*, *Corallorhiza striata*, and *Pyrola asarifolia incarnata*. These four species were found along the landward edge