

Four years ago, Dr. Saunders, of the Experimental Farm, sent me over one hundred plants representing, chiefly, the trees and shrubs of Western Canada and a few northern European species. These have been planted on the borders of the cleared spaces of the garden and are kept quite distinct from the native species. They, with a number of others, sent from Point Pleasant Park, Halifax, including the Heather (*Calluna vulgaris*) have grown very well, although but little care has been given them. These will serve for comparison with similar native species as well as to illustrate the effect of our climate upon them.

Little or no attempt has been made to put plants in rows or beds according to their classification, the chief aim being to provide a natural habitat and surroundings as far as possible. The only exception to this was the treatment of weeds, a colony of which, for prudential reasons, I placed in a row beyond the pale of other plants. With a perversity characteristic of their tribe, they spurned such treatment and refused to grow.

Another family which does not take kindly to cultivation is the Orchids. Many of these, of which we have so many beautiful native species, affect a solitary habit and are found in bogs. Others love the rich mould of deep sheltered woods. Others such as the Calypso are rare or local in their occurrence.

In the future, I hope to present to the Society at the close of each season, a few notes embodying the results of observations, especially on the rarer species and those less susceptible of "cultivation" together with the time of coming into leaf, flower or fruit of certain species of plants, which on account of their commonness have been generally accepted as the basis of observation. In making such observations, there is a great value in watching for results on the same spot of ground or the same plant, or one quite near it, from year to year. This I have endeavored to do after being assured that the plant has adapted itself to its changed conditions, and had been long enough in the garden to be relied on to furnish correct data. In the results recorded below, I have not hesitated to go outside the garden to make observations on plants more favorably situated for coming into leaf or bloom early, always choosing the same locality, and, in the case of perennials, the same plants from year to year.

The observations recorded below have extended over a period of ten years, from 1889 to 1898, inclusive. They are not so complete