

not be accepted in horticulture nor anything else. Results must be traced up to causes, and reasons given that will bear close examination.

It is probable that the numerous diseases of fruit trees principally originate in a partial derangement of some part of the tree, consequently if we were sufficiently acquainted with the laws of vegetation we might in a great measure be able to *prevent* these diseases. In speaking of the diseases of plants we generally confine our attention to the agents which produce the diseases, such as aphides, fungi, &c., but it would be well to keep in mind that there are certain conditions in plants, as well as in animals, which render them subject to the attacks of diseases, and just in proportion as we are able to control these conditions we will be able to prevent diseases in plants and trees.

Even as a branch of education to young people of both sexes, the science of botany is invaluable. A botanical ramble in the fields, for the purpose of collecting specimens, or a comparison of the differences and affinities of one species, or one order with another, has a tendency to call into exercise and improve the faculty of observation. When this faculty is wanting, a person will be blind to the works of creation, and unable to derive any pleasure or instruction from the wonders by which he is surrounded. Of such a person it may be truly said

"A primrose by the water brim,
A yellow primrose was to him,
And it was nothing more."

The admirable method of classification in the natural system of botany, drills a young person into systematic habits in other kinds of study. Every one has observed how readily an orderly thinker can master a subject, and also convey information to others, compared with one whose ideas are confused. In the study of botany a person has an inexhaustable fund of refined enjoyment and instruction.

"Not a plant, a leaf, a flower, but contains
A folio volume. We may read, and read,
And read again, and still find something new—
Something to please, something to instruct
Even in the noisome weed."

A well known gentleman connected with the Fruit Growers' Association has communicated to the writer of this paper the pleasant intelligence that there is a strong desire among certain parties in this Province to have a botanical society. There are no doubt many botanists through the country who would be glad to make the acquaint-