

The chief excuse for publishing these lists at the present time is that our club may be shown what a field for research lies at its very doors and how easily any one desirous of doing something in the botanical field can find work ready to his hand. In the following lists the dates following a locality mean the date when the specimen in our herbarium was collected.

MUSCI.

I. Sphagnum. PEAT MOSS.

1. *S. fimbriatum*, Wilson.

Our peat bogs contain many species of *Sphagnum*, but none have been carefully examined except the Mer Bleue near Eastman's Springs, 12 miles from the city. This species has been gathered in the swamp on the Glebe property, Bank St. ; in the Mer Bleue, and near Casselman on the C.A.Ry.

2. *S. Girgenshonii*, Russ.

This species is chiefly found amongst black ash, growing in rigid hummocks. Collected in the swamp at the north-east corner of Beechwood Cemetery.

Var. *hygrophilum*, Warnst.

This form has been found on the Glebe property and in the swamp on the north side of Beechwood Cemetery.

3. *S. fuscum*, (Schpr.) var. *fuscescens*, Warnst.

This is a common species in all peat bogs, and is particularly abundant in the Mer Bleue ; at Casselman ; and in the swamp on the Glebe property. This is the dull rusty-coloured form.

Var. *pallescens*, Warnst.

Very common in the Mer Bleue and certainly in all large bogs in the district.

4. *S. tenellum* (Schpr.) var. *rubellum*, (Wils.)

This form is very abundant in the Mer Bleue, and is easily distinguished from the preceding by its bright red colour.

5. *S. acutifolium*, (Ehrh.)

This is a very common species in all peat bogs, and takes many forms and colours, passing from white to purple and bright red. The common form is abundant in the swamp on the Glebe property, in Dow's Swamp at Casselman, and in the Mer Bleue.