

4.

pathology) at Macdonald College, both as a minor and, in some cases, as a major subject.

5. Mycology and Forest Pathology: A good mycologist is needed at McGill University. At present there are no facilities for a Ph.D. course in mycology or pathology, either at McGill University or Macdonald College. To avoid overlapping with Macdonald and for the reasons given in paragraph 3, a mycologist who would specialize in forest pathology is suggested.

6. Ecology including Taxonomy.

(a) Botanical and Soil Surveys: A great field of research almost untouched in Canada is the relation of vegetation to soil. Botanical as well as chemical experts should be engaged on soil survey work. Indicative plants (species which indicate the various soil types) should be worked out as they have been in Europe.

(b) Botanical Analysis of Grasslands: The principal crop of Quebec is grass. Experiments on its improvement by the use of suitable seed mixtures and by manuring requires botanical analysis of the herbage.

(c) The appointment to the staff of an expert taxonomist with ecological interests would be necessary if the above lines of research were to be carried out.

See page 26