

REVIEW.

MACOUN, JOHN. CATALOGUE OF CANADIAN PLANTS, Part VII. LICHENES AND HEPATICÆ, pp. 318. Geological Survey of Canada. 1902.

Since the publication of Part VI of this Catalogue ten years ago there has been no more important contribution to Canadian Botany than the volume recently published by the Geological Survey Department. The author has succeeded in compiling and tabulating all our available knowledge of Canadian Bryophytes and Thallogens, and Parts VI and VII taken together constitute a work upon which all future study of these great classes in Canada must be based. In Part VII, Prof. Macoun enumerates 53 genera and 156 species of Hepatics and 59 genera and 410 species of Lichens, with of course many varieties. In the addendum 243 species of Mosses are added to those enumerated in Part VI.

The greater part of the material examined by Prof. Macoun is included in the Herbarium of the Geological Survey where Canadian cryptogams of the above classes are represented by over 16,000 sheets of specimens, the chief part of which were collected by the author himself. Botanists from all parts of Canada have, however, assisted in making the list complete, and few, if any, printed lists of species have been overlooked. As in Part VI, descriptions of recently described new species have been reprinted, and though called a catalogue the volume really contains an immense amount of information regarding habitat and distribution, and the author's unrivalled personal knowledge of Canada has enabled him to so arrange his matter that the geographical and descriptive parts of the Catalogue contain none of the errors so common in publications of this kind.