

latter, as well as to other catalogues in the hands of the editor of this journal, I have been permitted to have access, and from them have derived much aid in arriving at the results given hereafter.*

Endeavours have already been made to bring the flora of Ontario and Quebec into one connected view. The work of the Abbé Provancher, in the French language, which was published some years since, is upon an ample scale, and contains descriptions of the plants referred to in it, whilst the more recent brochure of the late Prof. Hubbert is simply an arranged catalogue, which was intended as the precursor of his contemplated Hand-book of the Canadian Flora. Prof. Hubbert's list, in addition to the results of his own collections, as well as of those of his correspondents, probably contains all previously published information bearing on the subject.

The views of authors, of course, vary considerably with regard to orders, genera and species; however, for the purposes of comparison with the flora of the United States, those of Prof. Gray, as expressed in the recent edition of his *Manual of Botany*, are here adopted. Further, it should be premised that only flowering and filicoid plants are referred to in this paper, our knowledge of the lower cryptogams being as yet too limited; and it should be added that when speaking of the Northern States and the United States or Union, no more extended geographical limits are intended than are kept in view in the *Manual* on the one hand and Mr. Mann's catalogue on the other.

The prominent features in the distribution of the plants of Quebec and Ontario have been indicated in another place. With regard to the nature of the flora of the United States, it may be, in a general way, said that in the eastern and central portions of the Northern States the vegetation embraces a mountain and a woodland flora, which, excluding the more southern

* In addition to the catalogues cited in the foot note to p. 406, vol. i. (new series) of this journal, I have had access to those of Dr. Thomas, of the Rivière-du-Loup flora, and Dr. J. Bell, of the Maintoulin Island flora; to the notes of Prof. Hinks on Toronto plants (through Prof. Hubbert), and to the elaborate lists of Dr. McLaggan and Mr. John Macoun, the former of whom collected in different sections of the provinces, but chiefly in the western peninsula, and the latter in the vicinity of Belleville.