

**FLORA OF MOUNT DESERT  
ISLAND, MAINE: A PRELIMINARY  
CATALOGUE OF THE PLANTS  
GROWING ON MOUNT DESERT  
AND THE ADJACENT ISLANDS**

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Flora of Mount Desert Island, Maine: a preliminary catalogue of the plants growing on Mount Desert and the adjacent islands by Edward L. Rand & John H. Redfield & William Morris Davis

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**EDWARD L. RAND & JOHN H. REDFIELD & WILLIAM MORRIS DAVIS**

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THE HERBERT MINTZ LIBRARY  
THE NEW YORK BOTANICAL GARDEN  
**Flora of Mount Desert Island, Maine.**

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A  
PRELIMINARY CATALOGUE  
OF THE  
**PLANTS GROWING ON MOUNT DESERT**  
AND THE ADJACENT ISLANDS.

BY  
EDWARD L. RAND AND JOHN H. REDFIELD.

*With a Ecological Introduction*

By WILLIAM MORRIS DAVIS,  
AND A NEW MAP OF MOUNT DESERT ISLAND.

CAMBRIDGE:  
JOHN WILSON AND SON,  
University Press.  
1894.



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## FLORA: CATALOGUE OF PLANTS.

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## P R E F A C E.

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THE territory covered by this Catalogue of Plants comprises the Island of Mount Desert and the adjoining islands, the more important of which are the Cranberry Isles, Bartlett Island, Thompson Island, and the Porcupine Islands. The Duck Islands, lying some miles seaward southerly from the Cranberry Isles, are also included for convenience, although having no close connection geographically with the rest of the territory. Politically it comprises the towns of Eden, Mount Desert, Tremont, Cranberry Isles, a small part of Trenton, and a part of Long Island Plantation, in which the Duck Islands are included. All of this territory, with the exception of the Duck Islands, is shown on the map that has been prepared to accompany this Catalogue.

In 1880 the Champlain Society, an association of college students formed for the purpose of field work and study in various branches of natural science, established its camp on the shores of Somes Sound at Wasgatt Cove, Mount Desert Island. This Catalogue of Plants represents the final results of work begun by its botanical department, while the introductory article on the Geology of Mount Desert represents the work of its geological department. Two years later one of the authors, John H. Redfield, began independent investigation of

the Island flora. In 1888 the Champlain Society allowed its botanical work to pass into the hands of the other author, Edward L. Rand, who, however, had been connected with the work from its beginning. Soon afterwards the authors consolidated the results of all the botanical work on the Island, so far as they were able, and henceforth carried on the work together, with such assistance as could be procured from other botanists. Although more or less incomplete, and somewhat hastily prepared, this Catalogue is now presented, at the request of many interested in the subject, as a preliminary contribution to a Flora of Mount Desert Island. This is done with the hope that it may serve as a means of exciting interest in the undertaking, and thus make possible a more complete catalogue in the near future.

So far as the study of its flora is concerned, Mount Desert has no history. We are told by the early explorers that wild roses and beach peas were abundant, and that is all. No botanists native to the Island — if any there were or are — have given us information as to its plants. All such information has come from such botanists as have chanced to go there from a distance, usually during the summer months only. Even of these the known list is not long, and only few antedate the beginning of systematic work in 1880. It has, furthermore, been extremely difficult to discover the names of these botanists, and to consult their notes and collections, although the authors have endeavored in many ways to accomplish this. The result naturally has been far from satisfactory. In spite of all these discouragements, however, the work on the Flora has been carried on with perseverance. It is now hoped that from the very fact of the publication of present results help may be obtained for the future that other-

wise would have been locked up in the herbaria and note-books of unknown workers in the same territory.

Specimens of every plant in this list, with very few exceptions, will be found preserved in the Mount Desert Herbarium, at present kept in Cambridge, Mass. These exceptions, most of which are either Algæ or Lichens, are denoted by an asterisk prefixed to the name of the species. For specimens of plants thus marked, as well as for other plants from collectors now unrepresented, we shall be most grateful.<sup>1</sup> The Philadelphia Academy of Natural Sciences, furthermore, has an almost complete duplicate set of the Phanerogams and Pteridophyta; and Dr. Carl Warnstorf of Neuruppin, Germany, has a duplicate set of the Sphagna. Duplicates from the Herbarium have also been distributed among various public and private herbaria of the country.

Much care has been taken to make the Catalogue reliable. Very few plants have been admitted to the list except on the authority of an undoubted specimen, and in every case of exception only on a positive affirmation by a specialist or other botanist of high repute as to the authenticity and identity of the lost specimen. Moreover, we have had the kind assistance of many of the leading botanists of the country in the determination of specimens in difficult families and genera, and in cases of doubtful determination, as well as in the criticism and correction of our manuscript. Prof. L. H. Bailey has given his help in *Carex* and *Rubus*; Mr. M. S. Bebb, in *Salix*; Prof. William Trelease, in *Rumex* and *Epilobium*; Dr. Thomas C. Porter, in *Solidago*, *Aster*, and *Mentha*;

<sup>1</sup> Any correspondence relating to the Flora may be addressed to Edward L. Rand, 740 Exchange Building, Boston, Mass., or to John H. Redfield, 216 West Logan Square, Philadelphia, Penn.