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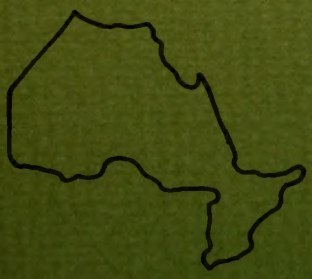

THE RARE VASCULAR PLANTS OF ONTARIO

George W. Argus and David J. White

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THE RARE VASCULAR PLANTS OF ONTARIO

by

George W. Argus and David J. White

National Museum of Natural Sciences
Botany Division
Ottawa, Ontario, K1A 0M8

June 1977

PREFACE

This list is the first in a proposed series dealing with the rare vascular plants of the provinces and territories of Canada. It was preceded by two versions at a preliminary level which served as a means of communication with the botanical and naturalist communities in Ontario. Over 75 lists were circulated and from these we received numerous comments that were considered in the preparation of the present list. Preliminary lists are available of the rare plants of British Columbia, Alberta, Saskatchewan, Manitoba, Quebec, Nova Scotia and Newfoundland and Labrador for those who would like to have some input into the preparation of the final working-lists of those provinces.

The introduction to this list consists essentially of two parts. The first part, including sections A through E, applies generally to all the lists of rare plants that are in preparation. The second part, including sections F through H contains information pertinent to the Ontario list. The introduction is followed by the list of the rare vascular plants of Ontario, a bibliography, and three appendices including two lists of rejected names, and a systematic list of the rare vascular plants of Ontario.

We are aware that our information about many of the plants on this list is very inadequate and that much work is yet to be done before a comprehensive and completely documented list can be realized. However, we have attempted to assemble the best information available to us at this time in the hope that it will be of use to those concerned with the natural environment. We are looking forward to receiving your comments and suggestions and we plan to publish revised versions of the list as our knowledge of the rare vascular plants of Ontario is refined.

George W. Argus

David J. White

January 1977

ADDITIONS, DELETIONS, COMMENTS AND CORRECTIONS

Please send information to:

The Rare and Endangered Plants Project

Botany Division

National Museum of Natural Sciences

Ottawa, Ontario

K1A 0M8

We would appreciate as complete documentation as possible for the addition or deletion of names from the list.

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INTRODUCTION

It has long been recognized that there is a need for scientific information on the rare and endangered plants of Canada so that appropriate conservation measures may be taken to protect them. In 1973 the Systematics and Phytogeography Section of the Canadian Botanical Association formed a Rare and Endangered Plants Committee charged with inventorying the rare and endangered plants of Canada. As a contribution to this project, the National Herbarium began to assemble data on the rare plants of the provinces and territories. As the total inventory becomes available it should be useful not only in contributing to the preservation of individual species, but in recognizing habitats and geographical areas that require protection because of their unique flora. Some plants that once were a part of the Canadian flora have become extinct or extirpated during the past 75 years. Other plants have been so reduced in numbers that they are facing extirpation and certain habitats that were once widespread have been so extensively modified that the continued existence of many plants is threatened. While it is true that the preservation of some plants may be ensured at the individual level (e.g., growing plants in a botanical garden) it will be necessary in most cases to preserve geographical areas sufficiently large to protect the habitats of these unique plants.

In compiling these lists we concerned ourselves only with rare plants because the data necessary to evaluate the threatened or endangered status of most plants in the Canadian flora were not available. As the work progressed we became aware that even information on rarity was scarce and that there is a great need for field study and taxonomic and phytogeographic research on the rare plants of Canada.

Our decision to prepare inventories for the provinces and territories rather than to compile a single national list was based on several considerations. First of all there is more information available (in the literature, unpublished data and maps and from personal experience) at the regional level than at the national level. More importantly, if plants are to be given legislative protection, the legislation will have to originate with the provinces and it is therefore desirable to have as much information as possible to aid the provincial authorities. Some provinces already have endangered species legislation. However, they require well-documented lists of candidate plants to be considered for inclusion under their legislation. Furthermore, information on regionally rare plants, that may or may not be rare elsewhere, is important to identify natural areas that deserve special consideration within these regions.

A. The Preliminary Lists

In the beginning, preliminary lists were compiled from the literature (including regional and local floras, monographs, phytogeographic papers and botanical and naturalist journals), from the Check Sheets prepared for the International Biological Program, Conservation of Terresterial Biological Communities (IBP-CT), from personal communications and from the examination of specimens in the herbaria of the Museum of Natural Sciences (CAN) and the Department of Agriculture (DAO). These lists were distributed to botanists and others along with a request for comments and additional information. This process resulted in the present inventory.

Plants are listed alphabetically by their scientific names. For each plant the following information may be given: synonyms, references documenting its status as a rare or endangered plant, its distribution in Canada and Alaska, its distribution in Ontario, references to published or unpublished distribution maps and comments on its rare status in Canada, special protection and other comments.

To be included, a plant must be native and rare in the province or territory under consideration. However, it need not be restricted to that province or territory. Taxonomic ranks of species, subspecies and varieties are included but forms and hybrids are not.

B. Definitions

Plant is used in the text to indicate collectively all the individuals referable to a plant name.

A *rare* plant is one that has a small population within the province or territory. It may be restricted to a small geographical area or it may occur sparsely over a wide area. By the phrase, "a small geographical area", we mean an area about the size of the Carolinian Zone of the deciduous forest, a band about 50 mi. wide just north of Lake Erie in southern Ontario or the narrow band of tundra along the Hudson Bay coast.

A *threatened* plant is one that is likely to become endangered within the foreseeable future over all or a significant portion of its range in the province or territory.

An *endangered* plant is one in danger of extirpation throughout all of a significant portion of its range in the province or territory.

C. Organization of the lists

The nomenclature used in the lists is not based on any one authority and synonyms are given whenever it

is necessary for an understanding of the references that have been used.

In order to document as fully as possible the status of the plants included in this list we have cited references which are the basis for the inclusion of each name. Sometimes a reference is a published paper including a distribution map, or it may be a comment in a local flora, a personal communication from a knowledgeable individual, specimens in one of the Ottawa herbaria or simply a distribution map on which we may have based a judgement. In some cases the documentation is thorough and incontrovertible whereas in others it is sketchy or based on outdated information and in need of checking. We have included all plants for which we could find a credible reference supporting its rareness, preferring to err on the side of including too many rather than too few plants. We have not attempted, at this time, to re-examine and verify the identity of all of the specimens which serve as the basis for reports or distribution maps. However, as the lists are refined, specimens will be studied and errors will be recognized and corrected. A file is kept at the National Herbarium of those plants that have been included and later rejected, giving the reasons for their rejection. The names of some rejected plants are included in the appendices. Appendix I (Unverified Reports) includes those plants that have been rejected because they are based on misidentifications, they lack documenting specimens or because of errors in label data. Appendix II (Alien or Doubtfully Native Plants) includes plants known or suspected to be alien in Ontario.

An index of distribution maps of rare Canadian plants, published and unpublished, is being compiled and references to maps are given for as many plants as possible. If a cited map covers only a portion of the plant's total North American range that fact is indicated after the reference. The general distribution in Canada and Alaska is given for each plant based on the available maps and the literature. We have expressed the range in terms of province and state in two tiers across the region roughly from west to east. The first from Alaska to the Northwest Territories (Aka-YT-NWT) and a second from British Columbia to Labrador (BC-Alta-Sask-Man-Ont-PQ-NB-PEI-NS-Nfld-Lab). A dash between provinces, indicates a continuous distribution and a comma indicates a discontinuous distribution. The exception to this being the Alaska-Northwest Territories tier, which is always followed by a comma to indicate the end of the first tier.

In the case of plants that may be common in one part of the province or territory but have a small disjunct population in another part of the same province or territory we have indicated this fact in the range description.

Finally, comments may be included concerning the rare status of the plant throughout Canada, whether the plant is endangered, extirpated or possibly alien in the province, its status in the United States or on special legal protection offered the plant.

As an aid to taxonomists and others who may find a taxonomically arranged list of names useful, we have included in Appendix III a list of rare plants and synonyms arranged in family order following Gray's Manual of Botany (Fernald 1950). The genera and species within the families are arranged alphabetically.

D. Use of the Lists

The lists will be useful in providing the scientific information that is necessary for the protection of certain rare plants. Land planners and policy makers will want to know those plants that should be given special consideration in the evaluation of development plans. As detailed distribution maps are prepared for each plant, areas of concentration of rare plants will become apparent and habitats and natural areas that should be protected will be recognized. Botanists and naturalists may want to use the lists as a source of names of plants that require field-checking and detailed mapping. This should lead to an assessment of the population status of the rare plants, a determination of their ecological requirements and an improved knowledge of threats to their existence. However, until the plants on the lists have been thoroughly field-checked, the lists should be regarded as provisional.

E. Future Plans

At the National Herbarium we have started a center for the accumulation, storage and publication of information on the distribution, population status, ecological requirements and on the rare and endangered status of the plants of Canada. One of its important projects will be the mapping, by date of collection, of herbarium specimens to be followed by the field-checking of the plant's present population status. Centers of rarity within the provinces and territories will be recognized and the need for the protection of these areas or of the unique habitats within them will be determined. We hope that the center will become a repository for information on rare plants. The center will be accessible to all interested persons and it will periodically publish updated lists and reports on particular areas or plants. We hope to be able to assist local botanists in bringing endangered plants to the attention of the appropriate

authorities so that measures to ensure the protection of those plants will be initiated.

It is clear that no one person or group has sufficient knowledge of the flora of Canada to make a project of this magnitude a success without the support of all botanists and naturalists. We request that you make your knowledge available to us by sending us comments on the present list. Suggested additions or deletions should be supported by documentation. If a specimen exists, a photocopy of the label or the label data should be included. References to, or copies of, published or unpublished distribution maps are sought. The data bank of distribution maps and information on rare plants will be available for consultation by any interested person. However, we will restrict access to information on the exact location of rare plants at the request of the informant or where we feel it is necessary to protect these populations. Unpublished distribution maps will not be released without the permission of the compiler.

The address for comments or inquiries is given on page 3.

F. The Situation in Ontario

In Ontario there is a growing concern about the threats to the flora and fauna. This concern is reflected by legislative action to prevent the loss of species and habitats. The Endangered Species Act of 1971 provides for the protection of species and their habitats when they are threatened with extinction or extirpation by various factors including the destruction of habitats and over-exploitation. The Provincial Parks Act of 1970 provides for a separate class of parks, the Nature Reserves, the primary purpose of which is the strict preservation of natural features for scientific and educational purposes. In addition to the special parks, areas may be zoned within existing parks to enable the protection of specific areas for nature reserve purposes.

At other governmental levels concern is also being expressed for the natural environment. In the course of preparing official policy plans some regional municipalities, including Waterloo and Ottawa-Carleton, have conducted surveys of environmentally sensitive areas in recognition of their importance to the well-being of the community.

The present list was conceived as an inventory of candidate plants for inclusion under the Endangered Species Act, and as support for giving special protection to environmentally sensitive areas and nature reserves.

G. Distribution Patterns of Rare Plants in Ontario

The available information does not permit a detailed analysis of the various distribution patterns shown by plants that are rare in Ontario. However, an examination of the maps of some of them shows that they can be grouped into several categories reflecting habitat and geographical affinities. There are no rare plants that are endemic to the province; all of these plants also occur elsewhere. They are here at the edge of their range, as long-range disjuncts or as widespread but scarce plants. Sometimes they occur in localized unusual habitats or in habitats of limited distribution in the province.

The most conspicuous group is composed of those plants of Carolinian affinities that occur in the deciduous forest region of southern Ontario. Examples are: *Campsis radicans, Carya glabra, Cenchrus longispinus, Hydrastis canadensis, Iris brevicaulis, Jeffersonia diphylla, Magnolia acuminata, Nyssa sylvatica* and *Sanicula canadensis*. These plants are here at the northern edge of their range. Usually they are a part of a continuous population, but some, like *Tilia heterophylla* and *Triosteum angustifolium*, are northern disjuncts of southern populations.

A similar group of plants includes those with Atlantic Coastal Plain affinities. Most of these plants including *Aster acuminatus, Pinus rigida* and *Rhexia virginica* are at the western edge of their range in southeastern Ontario. Whereas *Myrica pensylvanica* is a long-range disjunct from the coastal plain.

The prairie outliers and limestone alvars in southern Ontario, on the Bruce Peninsula and Manitoulin Island, contain plants whose main range is in the Great Plains of North America. Plants such as *Amorpha canescens, Asclepias ovalifolia, Bouteloua curtipendula, Cirsium drummondii, Geum triflorum* and *Hymenoxys acaulis* occur in Ontario as scattered, disjunct populations.

Many plants with western affinities, particularly with the Rocky Mountains, occur in Ontario as disjunct populations. *Cystopteris montana, Dryas drummondii, Oplopanax horridus, Piperia unalascensis* and *Vaccinium ovalifolium* occur in Ontario only in the Great Lakes region. Others such as *Festuca brachyphylla* and *Oxytropis splendens* also have populations in northern Ontario in addition to the Great Lakes population. Whereas others such as *Astragalus americanus, Juncus ensifolius* and *Salix brachycarpa* only occur in northern Ontario as disjuncts from their main western populations.

The tundra habitats on the coast of Hudson and James Bays contain species with Arctic affinities that do not occur elsewhere in Ontario. *Armeria maritima,*

Draba alpina, Dupontia fisheri, Mertensia maritima, Ranunculus pallasii and *Salix arctophila* are examples of tundra plants that occur in northern Ontario at the southern edge of a continuous range. Others such as *Festuca baffinensis, Hierochloe pauciflora, Montia fontana* and *Parnassia kotzebuei* occur along the northern coast disjunct from their main northern populations.

There are a number of interesting plants of northern affinities that not only occur in northern Ontario but also have unique disjunct populations in ravines and on cliff faces along the north shore of Lake Superior. These include *Carex heleonastes, Tofieldia pusilla, Trisetum triflorum* ssp. *molle*, and *Woodsia glabella*.

There are other species that occur only in the Great Lakes region. These include the Great Lakes endemics *Agropyron psammophilum, Arnica whitneyi, Cirsium pitcheri, Iris lacustris* and *Solidago houghtonii*.

Those plants that are wide-ranging but scarce wherever they occur are the most difficult to document because distribution maps do not give an accurate impression of their abundance. For example, *Dryopteris goldiana, Fimbristylis drummondii* and the orchids *Cypripedium arietinum, Listera borealis, Platanthera flava* and *P. leucophaea* are wide-ranging but rare wherever they occur in Ontario.

Information on plants that occurred in Ontario in historical times but no longer occur in the wild is difficult to evaluate. However, there are many plants that were collected fifty to one hundred years ago but have not been collected since that may be in the category of extirpated plants. Included here are *Aristida dichotoma, Cercis canadensis* (reintroduced as an ornamental), *Mikania scandens, Platanthera ciliaris* and *Valerianella chenopodifolia*.

Although there are no rare plants that are unique to Ontario there are many that have become rare throughout their range including Ontario. Some plants that were once common on the prairies or in the deciduous forests of northern United States are now rare there because of widespread habitat modification and the Ontario populations may represent the only viable populations of these plants. From a study of distribution maps alone it would not be apparent that plants such as *Cypripedium candidum, Iris lacustris, Platanthera flava* and *Potamogeton hillii* have become rare throughout their entire range in the United States and are included on the Smithsonian Institution's list of threatened species in the United States. *Phyllitis scolopendrium* var. *americanum* is one of the few rare plants whose main range is in Ontario. This North American variety of a Eurasian fern is recognized as endangered in the United States and may be threatened with extinction throughout its entire range.

A detailed study of the distribution and ecology of the plants on this list will reveal additional distributional and ecological patterns. However, it is evident even from this brief survey that there are in Ontario unique habitats and assemblages of plants that must be protected. Some of these important natural areas are already under some form of protection, such as is afforded the tundra habitats in Polar Bear Provincial Park and the deciduous forests and other southern habitats in the Point Pelee National Park. But there are many plants and habitats that are not adequately protected and positive action must be taken before they are lost or irrevocably damaged.

H. Acknowledgements

We thank the following individuals who have contributed to this list: P. L. Aird, Univ. of Toronto; D. M. Britton, Univ. of Guelph; D. F. Brunton, Ontario Ministry of Natural Resources; C. A. Campbell, Waterloo, Ontario; P. M. Catling, Univ. of Toronto; W. J. Crins, Ontario Ministry of Natural Resources; H. M. Dale, Univ. of Guelph; W. G. Dore, Agriculture Canada; J. M. Gillett, National Museum of Natural Sciences; E. Haber, National Museum of Natural Sciences; L. Kershaw, Univ. of Waterloo; J. D. LaFontaine, Agriculture Canada; L. E. Lamb, Univ. of Waterloo; G. B. McKeating, Ontario Ministry of Natural Resources; J. McNeill, Agriculture Canada; R. J. Moore, Agriculture Canada; J. K. Morton, Univ. of Waterloo; G. A. Mulligan, Agriculture Canada; P. Pratt, Ontario Ministry of Natural Resources; A. A. Reznicek, Univ. of Toronto; J. H. Soper, National Museum of Natural Sciences and A. A. Wellwood, Wilfred Laurier University.

We would like to particularly acknowledge L. Kershaw and J. K. Morton for making their files on the rare vascular plants of Canada freely available to us, W. G. Dore and J. McNeill for allowing us to use their unpublished manuscript on the grasses of Ontario and J. H. Soper for critically reading the manuscript.

List of the Rare Vascular Plants of Ontario

Actinea acaulis var. *glabra* = *Hymenoxys acaulis* var. *glabra*

Actinea herbacea = *Hymenoxys acaulis* var. *glabra*

Actinomeris alternifolia (L.)DC.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt
MAP: Soper 1962 Ont
STATUS: Rare in Canada.

Adenocaulon bicolor Hook.
REFERENCE: Kershaw 1976, Kershaw & Morton 1976 and maps
RANGE: sBC–swAlta, scOnt
ONTARIO: Bruce Pen.
MAP: Fernald 1935, Given & Soper 1976 Ont

Adoxa moschatellina L.
REFERENCE: Kershaw 1976, Kershaw & Morton 1976, Reznicek 1975–76 and maps
RANGE: Aka–NWT, BC–wOnt, local (Boivin 1967)
MAP: Given & Soper 1976 Ont, Hultén 1971, Porsild 1966
STATUS: Endangered in Wisconsin (Read 1976).

Agalinis flava = *Aureolaria flava*

Agalinis gattingeri Small
(*Gerardia gattingeri* Small)
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: L. St. Clair
MAP: Pennell 1935
STATUS: Rare in Canada. Threatened in Wisconsin and Michigan (Read 1976, Wagner 1976). Rare in Minnesota and Indiana (Morley 1972, Barnes 1975).

Agalinis skinneriana (Wood)Britt.
(*Gerardia skinneriana* Wood)
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: L. St. Clair
MAP: Pennell 1935
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976). Rare in Indiana (Barnes 1975).

Agalinis tenuifolia (Vahl)Raf. var. *parviflora* (Nutt.)Pennell
(*Gerardia tenuifolia* Vahl var. *parviflora* Nutt.)
REFERENCE: Beschel et al. 1970, Cruise 1969, Stewart & James 1969 and map
RANGE: seMan–swPQ (Boivin 1967)
MAP: Pennell 1935

Agastache nepetoides (L.)Ktze.
REFERENCE: Cruise 1969, Stewart & James 1969 and map
RANGE: Ont–swPQ (Boivin 1967)
MAP: Lint & Epling 1945
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976). Rare in Minnesota (Morley 1972).

Agastache scrophulariaefolia (Willd.)Ktze.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
MAP: Lint & Epling 1945
STATUS: Rare and possibly extirpated in Canada.

Agrimonia parviflora Ait.
REFERENCE: CAN, Kershaw 1976
RANGE: swOnt (Boivin 1967)
ONTARIO: Essex Co.
STATUS: Rare in Canada.

Agrimonia pubescens Wallr.
REFERENCE: Cruise 1969, Kershaw 1976 and map
RANGE: swOnt–swPQ (Boivin 1967)
MAP: Skalicky 1973
STATUS: Rare in Canada.

Agropyron boreale (Turcz.) Drobov ssp. *boreale*
(A. latiglume *auct.*)
REFERENCE: CAN, Dore & McNeill 1976
RANGE: Aka–NWT, nMan–nOnt–nPQ, Lab
ONTARIO: Hudson Bay
MAP: Hultén 1968, Raup 1947

Agropyron latiglume = *A. boreale* ssp. *boreale*

Agropyron dasystachyum var. *psammophilum* = *A. psammophilum*

Agropyron psammophilum Gillett & Senn
(*Agropyron dasystachyum* (Hook.)Scribn. var. *psammophilum* (Gillett & Senn)E. Voss)
REFERENCE: Maps
RANGE: Ont (Boivin 1967)
ONTARIO: Great Lakes
MAP: Dore & McNeill 1976 Ont, Gillett & Senn 1961, Given & Soper 1976 Ont
STATUS: Rare in Canada. Threatened in Wisconsin and Michigan (Read 1976, Wagner 1976).

Aletris farinosa L.
REFERENCE: Cruise 1969, Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
MAP: Soper 1962 Ont
STATUS: Rare in Canada.

Allium cernuum Roth
REFERENCE: Brunton 1974–75, Soper 1975–76
RANGE: BC–Sask, swOnt (Boivin 1967)

Allium stellatum Fraser
REFERENCE: Brunton 1974–75, Reznicek 1975–76, Soper 1975–76
RANGE: Sask–wOnt (Boivin 1967)

Alopecurus alpinus Sm.
REFERENCE: Maps
RANGE: Aka, BC–nOnt–PQ (Boivin 1967)
ONTARIO: Hudson Bay
MAP: Dore & McNeill 1976 Ont, Hultén 1968, Porsild 1964

Amelanchier amabilis = *A. sanguinea* var. *grandiflora*

Amelanchier sanguinea (Pursh)DC. var. *grandiflora* (Wieg.)Rehder
(*A. amabilis* auct.)
REFERENCE: Catling 1976b and map
RANGE: sOnt–sPQ
MAP: McKay 1973 Ont, Cinq-Mars 1971 PQ
STATUS: Rare in Canada.

Ammania coccinea Rottb.
REFERENCE: Campbell 1976, Kershaw 1976
RANGE: swBC, swOnt (Boivin 1967)
STATUS: Rare in Canada. Extirpated in Pennsylvania (Wherry 1975).

Amorpha canescens Pursh
REFERENCE: Kershaw 1976
RANGE: sMan–wOnt (Boivin 1967)
MAP: Wilbur 1964
STATUS: Rare in Michigan (Wagner 1976).

Andromeda polifolia L. ssp. *polifolia*
REFERENCE: Maps
RANGE: Aka–NWT, BC–nOnt–PQ (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Hultén 1968, Hultén 1971, Raup 1947, Soper & Heimburger 1976 Ont

Andropogon virginicus L.
REFERENCE: Catling et al. 1977, Dore & McNeill 1976
RANGE: swOnt
ONTARIO: Norfolk Co.
MAP: Griggs 1913
STATUS: Rare in Canada.

Anemonella thalictroides (L.)Spach.
(*Thalictrum thalictroides* (L.)Eames & Boivin)
REFERENCE: Kershaw 1976 and map
RANGE: sOnt
MAP: Soper et al. 1963
STATUS: Rare in Canada.

Antennaria farwellii Greene
REFERENCE: FON 1969, Kershaw 1976, Kershaw & Morton 1976, Krotkov 1940
RANGE: scOnt (Fernald 1950)
ONTARIO: Bruce Pen.
STATUS: Rare in Canada.

Antennaria subviscosa Fern.
REFERENCE: Kershaw 1976, Kershaw & Morton 1976 and map
RANGE: YT–NWT, nBC, nSask, nOnt, PQ (Boivin 1967)
ONTARIO: L. Superior
MAP: Porsild 1966

Aplectrum hyemale (Muhl.)Nutt.
REFERENCE: Beschel et al. 1970, Kershaw 1976, Lafontaine & White 1974 and maps
RANGE: Sask, s&eOnt, swPQ
MAP: Auclair 1972, Case 1964 Great Lakes, Luer 1975
STATUS: Rare in Canada. Extremely rare in western New York (Clinton Herbarium 1974).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in Minnesota, Wisconsin, New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974).

Arabis alpina L.
REFERENCE: Maps
RANGE: NWT, Man–nOnt–Lab
ONTARIO: Hudson Bay
MAP: Hopkins 1937 eCan, Hultén 1958, Porsild 1964

Arabis arenicola (Richards.)Gelert var. *pubescens* (Wats.)Gelert
REFERENCE: Moir 1958 and maps
RANGE: Aka, NWT, nOnt–nPQ
ONTARIO: Hudson and James Bays
MAP: Cody 1971, Hopkins 1937 cCan, Hultén 1968

Arabis canadensis L.
REFERENCE: Kershaw 1976
RANGE: sOnt–swPQ (Boivin 1967)
STATUS: Rare in Canada. Endangered in New Hampshire (Hodgdon 1973).

Arabis drummondii Gray
REFERENCE: Reznicek 1975–76 and maps
RANGE: Aka–NWT, BC–Sask, ncOnt, sPQ–Lab, local (Boivin 1967)
ONTARIO: L. Superior
MAP: Hopkins 1937, Hultén 1968, Porsild 1966, Rollins 1941
STATUS: Rare in Indiana (Barnes 1975).

Arabis holboellii Hornem.
REFERENCE: Maps
RANGE: Aka–NWT, BC–Ont, PQ
MAP: Given & Soper 1976 Ont, Hopkins 1937 eCan, Hultén 1968, Raup 1947
STATUS: Rare in Minnesota (Morley 1972).

Arabis lyrata L. var. *lyrata*
REFERENCE: Beschel et al. 1970, Cruise 1969, FON 1969, Krotkov 1940 and maps
RANGE: Ont
ONTARIO: Great Lakes
MAP: Hopkins 1937, Hultén 1968
STATUS: Rare in Canada.

Arabis perstellata E.L.Braun var. *shortii* Fern.
REFERENCE: Kershaw 1976
RANGE: swOnt (Boivin 1967)
ONTARIO: Pt. Pelee
STATUS: Rare in Canada.

Arctagrostis latifolia (R.Br.)Griseb.
REFERENCE: Moir 1958 and maps
RANGE: Aka–NWT, nBC–nOnt–nPQ, Lab
ONTARIO: Hudson Bay
MAP: Dore & McNeill 1976 Ont, Hultén 1964, Hultén 1968, Porsild 1964

Arctophila fulva (Trin.)Anderss.
(*Colpodium fulvum* (Trin.)Griseb.)
REFERENCE: Maps
RANGE: Aka–NWT, Man–nOnt–PQ (Boivin 1967)
ONTARIO: Hudson Bay
MAP: Dore & McNeill 1976 Ont, Hultén 1968, Porsild 1964

Arctostaphylos alpina (L.)Spreng.
REFERENCE: Maps
RANGE: Aka–NWT, nBC, Man–nOnt–PQ, Nfld–Lab
ONTARIO: Hudson Bay
MAP: Hultén 1968, Hultén 1971, Porsild 1964
STATUS: Endangered in New Hampshire (Hodgdon 1973).

Arctostaphylos rubra (Rehd. & Wilson)Fern.
REFERENCE: CAN, Moir 1958 and maps
RANGE: Aka–NWT, BC–Sask, Man–nOnt–PQ, Nfld–Lab
MAP: Hultén 1968, Hultén 1971, Porsild 1964, Soper & Heimburger 1976 Ont

Arenaria humifusa Wahl.
REFERENCE: Maps
RANGE: Aka–NWT, BC–neOnt–PQ, Nfld–Lab
ONTARIO: James Bay
MAP: Given & Soper 1976 Ont, Hultén 1958, Hultén 1968, Porsild 1964, Raymond 1950b

Arenaria macrophylla Hook.
REFERENCE: Maps
RANGE: NWT, BC, Sask, nOnt–nPQ, Lab, local (Boivin 1967)
MAP: Fernald 1925, Given & Soper 1976 Ont

Arenaria rubella Wahl.
(*Minuartia rubella* (Wahl.)Graebn.)
REFERENCE: CAN, Moir 1958 and maps
RANGE: Aka–NWT, BC–Alta, nOnt–nPQ, Nfld–Lab
ONTARIO: Hudson and James Bays
MAP: Hultén 1968, Meusel et al. 1965, Porsild 1964

Arisaema dracontium (L.)Schott
REFERENCE: Cruise 1969, IBP–CT 1974, Kershaw 1976, Stewart & James 1969 and map
RANGE: swOnt–swPQ (Boivin 1967)
MAP: Marie-Victorin 1931
STATUS: Rare in Canada. Endangered in New Hampshire (Hodgdon 1973). Rare in Minnesota (Morley 1972).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976, Zander 1976).

Aristida basiramea Engelm.
REFERENCE: Catling et al. 1977, Reznicek 1975–76 and map
RANGE: swOnt
ONTARIO: Norfolk Co. and Simcoe Co.
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US
STATUS: Rare in Canada.

Aristida dichotoma Michx.
REFERENCE: Catling et al. 1977, Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: Port Colborne
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US
STATUS: Rare in Canada; possibly extirpated in Ontario (Dore & McNeill 1976). Threatened in Michigan (Wagner 1976).

Aristida longespica Poir.
REFERENCE: Catling et al. 1977, Reznicek 1975–76 and map
RANGE: swOnt
ONTARIO: Kent Co.
MAP: Dore & McNeill 1976 Ont
STATUS: Rare in Canada. Threatened in Michigan (Wagner 1976).

Aristida necopina Shinners
REFERENCE: Catling et al. 1977, Reznicek 1975–76 and map
RANGE: swOnt
ONTARIO: Norfolk Co. and Kent Co.
MAP: Dore & McNeill 1976 Ont
STATUS: Rare in Canada; possibly alien (Dore & McNeill 1976). Threatened in Michigan (Wagner 1976).

Aristida purpurascens Poir.
REFERENCE: Catling et al. 1977, Dore 1975, Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: Windsor
MAP: Dore & McNeill 1976 Ont
STATUS: Rare in Canada; possibly extirpated in Ontario (Dore & McNeill 1976).

Armeria maritima (Mill.)Willd. ssp. *labradorica* (Wall.)Lawr.
REFERENCE: Moir 1958 and maps
RANGE: NWT, nOnt–nPQ, Nfld–Lab
ONTARIO: Hudson and James Bays
MAP: Hultén 1958, Lawrence 1947, Porsild 1964

Arnica alpina (L.)Olin ssp. *angustifolia* (Vahl)Maguire
REFERENCE: Moir 1958, Reznicek 1975–76 and maps
RANGE: Aka–NWT, nBC–nOnt–nPQ (Boivin 1967)
ONTARIO: Hudson Bay
MAP: Hultén 1958, Hultén 1968, Maguire 1943, Porsild 1964

Arnica chionopappa = *A. lonchophylla* ssp. *chionopappa*

Arnica lonchophylla Greene ssp. *chionopappa* (Fern.)Maquire
(*A. chionopappa* Fern.)
REFERENCE: Kershaw 1976, Kershaw & Morton 1976 and map
RANGE: wOnt–sPQ, NS, Nfld (Roland & Smith 1963–69)
MAP: Hultén 1968, Maguire 1943

Arnica lonchophylla Greene ssp. *lonchophylla*
REFERENCE: Maps
RANGE: Aka–NWT, BC–nwOnt
MAP: Given & Soper 1976 Ont, Hultén 1968, Maguire 1943

Arnica whitneyi Fern.
REFERENCE: Reznicek 1975–76 and maps
RANGE: Ont
ONTARIO: Great Lakes
MAP: Given & Soper 1976 Ont, Hultén 1968
STATUS: Rare in Canada. Endangered in Michigan (Wagner 1976).

Artemisia tilesii Ledeb. ssp. *elatior* (T.& G.)Hult.
REFERENCE: Maps
RANGE: Aka–NWT, BC–Alta, Man, neOnt
ONTARIO: James Bay
MAP: Cody 1971, Hultén 1968, Porsild 1964

Asclepias exaltata L.
REFERENCE: CAN, Kershaw 1976 and map
RANGE: sOnt (Boivin 1967)
MAP: Woodson 1954
STATUS: Rare in Canada.

Asclepias hirtella (Pennell)Woodson
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: Essex Co.
MAP: Woodson 1954
STATUS: Rare in Canada. Threatened in Michigan (Wagner 1976).

Asclepias lanuginosa Nutt.
(*A. nuttalliana* auct.)
REFERENCE: Boivin 1967–72, Kershaw 1976, Reznicek 1975–76
RANGE: scMan–swOnt
MAP: Woodson 1954
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976).

Asclepias nuttalliana = *A. lanuginosa*

Asclepias ovalifolia Dcne.
REFERENCE: Reznicek 1975–76
RANGE: Alta–wOnt (Boivin 1967)
MAP: Woodson 1954
STATUS: Threatened in Michigan (Wagner 1976).

Asclepias purpurascens L.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
MAP: Woodson 1954
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976). Rare in Minnesota (Morley 1972).

Asclepias quadrifolia Jacq.
REFERENCE: Beschel et al. 1970, Kershaw 1976 and map
RANGE: sOnt (Boivin 1967)
MAP: Woodson 1954
STATUS: Rare in Canada. Endangered in New Hampshire (Hodgdon 1973).

Asclepias sullivantii Engelm.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: Essex Co.
MAP: Woodson 1954
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976). Threatened in Michigan (Wagner 1976). Rare in Minnesota (Morley 1972).

Asclepias verticillata L.
REFERENCE: Map
RANGE: seSask–sMan, swOnt (Boivin 1967)
MAP: Woodson 1954
STATUS: Extremely rare in western New York (Clinton Herbarium 1974).

Asclepias viridiflora Raf.
REFERENCE: Map
RANGE: sBC–sMan, sOnt (Boivin 1967, Boivin 1967–72)
MAP: Woodson 1954
STATUS: Rare in Canada.

Asimina triloba (L.)Dunal
REFERENCE: Cruise 1969, IBP–CT 1974, Kershaw 1976, Stewart & James 1969 and maps
RANGE: sOnt
MAP: Bowden & Miller 1951 Ont–nUS, Fox & Soper 1952 Ont, Hosie 1969 Can, Soper & Heimburger 1976 Ont
STATUS: Rare in Canada.

Asplenium cryptolepis = *A. ruta-muraria* ssp. *cryptolepis*

Asplenium platyneuron (L.)Oakes
REFERENCE: Beschel et al. 1970, Britton 1976, Brunton 1974–75, Catling 1974, FON 1969, Kershaw 1976, Lafontaine & White 1974
RANGE: Ont–sPQ (Boivin 1967)
STATUS: Rare in Canada.

Asplenium ruta-muraria L. ssp. *cryptolepis* (Fern.)Clausen & Wahl
REFERENCE: Britton 1976, FON 1969, Kershaw 1976, Krotkov 1940, Lafontaine 1974, Soper 1963 and maps
RANGE: scOnt
ONTARIO: Bruce Pen. and Manitoulin Is.
MAP: Fernald 1935, Given & Soper 1976 Ont, Hultén 1964
STATUS: Rare in Canada. Extirpated in Illinois (Paulson & Schwegman 1976). Threatened in Michigan (Wagner 1976). Rare in Indiana (Barnes 1975).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974)

Asplenium viride Huds.
REFERENCE: Britton 1976, Catling 1974, FON 1969, IBP-CT 1974, Krotkov 1940 and maps
RANGE: Aka-NWT, BC-Alta, Ont-Nfld
MAP: Hultén 1964, Soper 1963 Ont
STATUS: Possibly extirpated in Wisconsin (Read 1976). Rare in Michigan (Wagner 1976).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974)

Aster acuminatus Michx.
REFERENCE: CAN, Reznicek 1975-76 and map
RANGE: sOnt-Nfld (Boivin 1967)
MAP: Dansereau 1952, Pike 1970

Aster divaricatus L.
REFERENCE: Beschel et al. 1970, Cruise 1969, Kershaw 1976
RANGE: swOnt (Boivin 1967)
STATUS: Rare in Canada.

Aster dumosus L.
REFERENCE: Beschel et al. 1970
RANGE: swOnt (Boivin 1967)
STATUS: Rare in Canada.

Aster lowrieanus Porter
REFERENCE: Beschel et al. 1970, Cruise 1969, Stewart & James 1969
RANGE: swOnt-swPQ (Boivin 1967)
STATUS: Rare in Canada.

Aster lutescens (Lindl.)T.& G.
(*A. ptarmicoides*(Nees)T.& G. var. *lutescens* (Lindl.)Gray)
REFERENCE: FON 1969, Krotkov 1940
RANGE: Sask-scOnt (Fernald 1950)
ONTARIO: Bruce Pen.

Aster ontarionis Wieg.
(*A. tradescantii* L. var. *thyrsoides* (Gray)Boivin)
REFERENCE: Beschel et al. 1970, Lafontaine & White 1974
RANGE: Ont-PQ (Boivin 1967)

Aster pilosus Willd. var. *demotus Blake*
REFERENCE: CAN, DAO
RANGE: sOnt (Boivin 1967)
ONTARIO: Toronto Is.
STATUS: Rare and possibly extirpated in Canada. Rare in Minnesota (Morley 1972).

Aster prenanthoides Muhl.
REFERENCE: Cruise 1969, Kershaw 1976
RANGE: swOnt (Boivin 1967)
ONTARIO: Elgin Co.
MAP: Shull 1904
STATUS: Rare in Canada.

Aster ptarmicoides var. *lutescens* = *A. lutescens*

Aster sericeus Vent.
REFERENCE: Kershaw 1976, Reznicek 1975-76
RANGE: sMan-wOnt (Boivin 1967)
MAP: Bare & McGregor 1970 cUS
STATUS: Rare in Canada. Threatened in Michigan (Wagner 1976). Rare in Indiana (Barnes 1975).

Aster shortii Lindl.
REFERENCE: Kershaw 1976
RANGE: swOnt (Boivin 1967)
ONTARIO: Pt. Pelee
MAP: Avers 1953
STATUS: Rare in Canada. Rare in Minnesota (Morley 1972).

Aster subulatus Michx.
REFERENCE: DAO, Kershaw 1976
RANGE: swOnt, NB (Boivin 1967)
ONTARIO: Windsor
STATUS: Rare in Canada.

Aster tradescantii var. *thyrsoides* = *A. ontarionis*

Aster undulatus L.
REFERENCE: Cruise 1969, Soper 1975-76 and map
RANGE: sOnt, swNS (Boivin 1967)
MAP: Avers 1953
STATUS: Rare in Canada. Rare in Minnesota (Morley 1972).

Aster vimineus Lam.
REFERENCE: Beschel et al. 1970, Kershaw 1976, Stewart & James 1969
RANGE: swOnt (Boivin 1967)
STATUS: Rare in Canada.

Astragalus adsurgens Pall. var. *robustior* Hook.
REFERENCE: Maps
RANGE: Aka-NWT, BC-Man, ncOnt
ONTARIO: L. Superior
MAP: Barneby 1964, Hultén 1968

Astragalus agrestis Dougl.
REFERENCE: Maps
RANGE: YT-NWT, BC-Man, neOnt
ONTARIO: James Bay
MAP: Barneby 1964, Hultén 1968

Astragalus americanus (Hook.)M.E.Jones
REFERENCE: Maps
RANGE: Aka–NWT, BC–nOnt
ONTARIO: Hudson Bay
MAP: Barneby 1964, Hultén 1968

Astragalus eucosmus Robins.
REFERENCE: Reznicek 1975–76 and maps
RANGE: Aka–YT, BC–Sask, Man, nOnt
ONTARIO: Hudson and James Bays
MAP: Barneby 1964, Hultén 1968, Porsild 1964

Astragalus neglectus (T.& G.)Sheldon
REFERENCE: Beschel et al. 1970, Cruise 1969 and map
RANGE: seMan–Ont (Boivin 1967–72)
MAP: Barneby 1964
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976).

Athyrium pycnocarpon (Spreng.)Tid.
REFERENCE: Beschel et al. 1970, Britton 1976, Brunton 1974–75, Catling 1974, FON 1969
RANGE: Ont–swPQ (Boivin 1967)
MAP: Raymond 1950b eCan
STATUS: Endangered in New Hampshire (Hodgdon 1973). Threatened in Wisconsin (Read 1976). Rare in Minnesota (Morley 1972).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976).

Aureolaria flava (L.)Farw.
(*Agalinis flava* (L.)Boivin)
REFERENCE: Cruise 1969, Kershaw 1976 and maps
RANGE: swOnt
MAP: Pennell 1935, Soper 1962 Ont
STATUS: Rare in Canada.

Aureolaria pedicularia (L.)Raf.
REFERENCE: Cruise 1969, Kershaw 1976 and maps
RANGE: swOnt
MAP: Pennell 1935, Soper 1962 Ont
STATUS: Rare in Canada. Rare in Minnesota and Indiana (Morley 1972, Barnes 1975).

Aureolaria virginica (L.)Pennell
REFERENCE: Cruise 1969, Kershaw 1976 and maps
RANGE: swOnt
ONTARIO: Niagara region and Waterloo Co.
MAP: Pennell 1935, Soper 1962 Ont
STATUS: Rare in Canada.

Azolla caroliniana Willd.
REFERENCE: Kershaw 1976, Soper 1975–76
RANGE: swOnt
ONTARIO: Hamilton
STATUS: Rare and possibly extirpated in Canada (Soper 1949). Rare in Indiana (Barnes 1975).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976).

Baptisia tinctoria (L.)R.Br.
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt
MAP: Larisey 1940, Soper 1962 Ont
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976). Rare in Minnesota and Indiana (Morley 1972, Barnes 1975).

Bartonia paniculata Michx. ssp. *paniculata*
REFERENCE: Maps
RANGE: sOnt
ONTARIO: Muskoka Dist.
MAP: Gillett 1959, Reznicek & Whiting 1975 Ont
STATUS: Rare in Canada.

Bartonia virginica L.
REFERENCE: Kershaw 1976, Wellwood 1975 and maps
RANGE: sOnt, swPQ, NS
MAP: Gillett 1959, Gillett 1963, Reznicek & Whiting 1975 Ont, Soper 1960 Ont
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976). Rare in Minnesota (Morley 1972).

Bartsia alpina L.
REFERENCE: Moir 1958, Reznicek 1975–76 and map
RANGE: eNWT, nMan–nOnt–PQ, Nfld–Lab
MAP: Hultén 1958, Porsild 1964

Berula erecta (Huds.)Cov. var. *incisa* (Torr.)Cronq.
REFERENCE: Kershaw 1976
RANGE: sBC, swOnt (Boivin 1967)
ONTARIO: Port Colborne
STATUS: Rare in Canada; possibly extirpated in Ontario (Scoggan 1976).

Betula lenta L.
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt
ONTARIO: Port Dalhousie
MAP: Fox & Soper 1954 Ont, Hosie 1969 Can, Little 1971, Soper 1960 Ont
STATUS: Rare in Canada.

Bidens coronata (L.)Britt.
REFERENCE: Cruise 1969, Kershaw 1976
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada.

Bidens discoidea (T.& G.)Britt.
REFERENCE: Beschel et al. 1970
RANGE: sOnt–PQ, NS (Boivin 1967)
STATUS: Rare in Canada. Rare in Minnesota (Morley 1972).

Blephilia ciliata (L.)Benth.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: Pelee I. and L. St. Clair
MAP: Soper 1960 Ont
STATUS: Rare in Canada.

Blephilia hirsuta (Pursh)Benth.
REFERENCE: Map
RANGE: swOnt–swPQ (Boivin 1967)
ONTARIO: Lambton Co.
MAP: Soper 1960 Ont
STATUS: Extremely rare in western New York (Clinton Herbarium 1974).

Botrychium lanceolatum (Gmel.)Rupr. var. *angustisegmentum* Pease & Moore
REFERENCE: Beschel et al. 1970, Britton 1976, Brunton 1974–75 and maps
RANGE: Ont–Nfld
MAP: Clausen 1938, Hultén 1958, Hultén 1968
STATUS: Threatened in Wisconsin (Read 1976). Extremely rare in western New York (Clinton Herbarium 1974). Rare in Minnesota (Morley 1972).

Bouteloua curtipendula (Michx.)Torr.
REFERENCE: Reznicek 1975–76 and map
RANGE: seSask–sOnt (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Gould & Kapadia 1962
STATUS: Threatened in Michigan (Wagner 1976).

Bromus pubescens Muhl.
(*B. purgans* auct.)
REFERENCE: Beschel et al. 1970, Dore 1959, Stewart & James 1969 and maps
RANGE: NWT, Alta–sOnt–NB (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Wagnon 1952

Bromus pumpellianus Scribn.
REFERENCE: Maps
RANGE: Aka–NWT, BC–Man, Ont
MAP: Dore & McNeill 1976 Ont, Elliot 1949, Guire & Voss 1963 Great Lakes

Bromus purgans = *B. pubescens*

Buchnera americana L.
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
ONTARIO: Lambton Co.
MAP: Pennell 1935, Soper 1962 Ont
STATUS: Rare in Canada. Extirpated in Michigan (Wagner 1976). Rare in Indiana (Barnes 1975).

Bulbostylis capillaris (L.)C.B.Clarke
REFERENCE: Beschel et al. 1970, Brunton 1974–75, Cruise 1969, IBP–CT 1974, Reznicek 1975–76 and map
RANGE: Ont–swPQ (Boivin 1967)
MAP: Kral 1971 US, Soper 1960 Ont
STATUS: Rare in Canada.

Cacalia tuberosa Nutt.
REFERENCE: FON 1969, Kershaw 1976, Krotkov 1940 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: Huron Co. and Bruce Co.
MAP: Soper 1977 Ont
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976).

Calamagrostis lacustris (Kearn.)Nash
REFERENCE: Dore & McNeill 1976, Reznicek 1975–76, Soper 1975–76 and map
RANGE: nOnt–wPQ, swNfld (Fernald 1950)
MAP: Dutilly & Lepage 1963 Ont–PQ
STATUS: Threatened in Michigan (Wagner 1976).

Calamagrostis purpurascens R.Br.
REFERENCE: Kershaw 1976, Kershaw & Morton 1976 and maps
RANGE: Aka–NWT, BC–ncOnt–PQ, Nfld (Boivin 1967)
ONTARIO: L. Superior
MAP: Dore & McNeill 1976 Ont, Hultén 1968, Porsild 1964, Raup 1947

Calamovilfa longifolia (Hook.)Scribn. var. *longifolia*
REFERENCE: Dore & McNeill 1976, FON 1969, Krotkov 1940 and maps
RANGE: sBC–Ont (Boivin 1967)
MAP: Thieret 1960, Thieret 1966
STATUS: Threatened in Wisconsin (Read 1976). Rare in Indiana (Barnes 1975).

Calamovilfa longifolia (Hook.)Scribn. var. *magna* Scribn.& Merr.
REFERENCE: Maps
RANGE: sOnt (Boivin 1967)
ONTARIO: L. Huron
MAP: Dore & McNeill 1976 Ont, Thieret 1960, Thieret 1966
STATUS: Rare in Canada.

Caltha natans Pall.
REFERENCE: Reznicek 1975–76, Senn 1941 and map
RANGE: Aka, NWT, BC–Man, wOnt (Boivin 1967)
MAP: Hultén 1968

Camassia scilloides (Raf.)Cory
REFERENCE: CAN, Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
ONTARIO: Essex Co.
MAP: Gould 1942, Soper 1960 Ont, Wood 1970
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976). Threatened in Michigan and Pennsylvania (Wagner 1976, Wherry 1975).

Campanula americana L.
REFERENCE: Beschel et al. 1970, Cruise 1969, Kershaw 1976, Stewart & James 1969 and map
RANGE: sOnt (Boivin 1967)
MAP: Fernald 1941
STATUS: Rare in Canada.

Campsis radicans (L.)Seem.
REFERENCE: Beschel et al. 1970, Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
ONTARIO: Essex Co. and Kent Co.
MAP: Soper 1956 Ont, Soper & Heimburger 1976 Ont
STATUS: Rare in Canada; extirpated in Ontario but under cultivation (Soper 1956).

Cardamine douglasii Britt.
REFERENCE: Kershaw 1976
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada.

Carex amblyorhyncha Krecz.
REFERENCE: Maps
RANGE: Aka–NWT, nMan–nOnt–nPQ
ONTARIO: Hudson and James Bays
MAP: Dutilly et al. 1958, Hultén 1964, Hultén 1968, Porsild 1964

Carex amphibola var. *turgida* = *C. grisea*

Carex atrata L.
REFERENCE: Maps
RANGE: Aka, BC–Alta, nOnt, PQ
MAP: Given & Soper 1976 Ont, Hultén 1958, Raymond 1950a eCan

Carex atrofusca Schkuhr
REFERENCE: Moir 1958 and maps
RANGE: Aka–NWT, nOnt–PQ
ONTARIO: Hudson and James Bays
MAP: Hultén 1964, Porsild 1964

Carex careyana Torr.
REFERENCE: Kershaw 1976, Reznicek 1975–76
RANGE: sOnt (Fernald 1950)
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976). Threatened in Pennsylvania (Wherry 1975).

Carex conoidea Schkuhr
(*C. katahdinensis* Fern.)
REFERENCE: Beschel et al. 1970, Kershaw 1976, Reznicek 1975–76 and map
RANGE: Ont–NB, NS, Nfld (Boivin 1967)
MAP: Raymond 1951 eCan
STATUS: Rare in Minnesota and Indiana (Morley 1972, Barnes 1975).

Carex davisii Schwein.& Torr.
REFERENCE: Campbell & Reznicek 1976, Kershaw 1976
RANGE: swOnt–PQ
ONTARIO: Pelee Is.
STATUS: Rare in Canada. Rare in Minnesota and Michigan (Morley 1972, Wagner 1976).

Carex folliculata L.
REFERENCE: Beschel et al. 1970
RANGE: Ont–Nfld (Boivin 1967)
STATUS: Threatened in Wisconsin (Read 1976). Rare in midwestern United States (Barnes 1975, Tans & Read 1975).

Carex formosa Dewey
REFERENCE: Beschel et al. 1970, Kershaw 1976
RANGE: sOnt–swPQ (Boivin 1967)
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976). Rare in Minnesota (Morley 1972).

Carex frankii Kunth
REFERENCE: Kershaw 1976, Reznicek 1975–76
RANGE: sOnt
STATUS: Rare in Canada. Rare in Michigan (Wagner 1976).

Carex gravida Bailey
REFERENCE: Kershaw 1976, Reznicek 1975–76
RANGE: seSask, swOnt (Boivin 1967)
STATUS: Rare in Canada. Rare in Michigan and Indiana (Wagner 1976, Barnes 1975).

Carex grisea Wahl.
(*C. amphibola* Steud. var. *turgida* Fern.)
REFERENCE: Brunton 1974–75, Cruise 1969
RANGE: sOnt–NB (Boivin 1967)

Carex haydenii Dewey
REFERENCE: Beschel et al. 1970, Brunton 1974–75, Reznicek 1975–76
RANGE: Ont–NB (Boivin 1967)
STATUS: Rare in Michigan (Wagner 1976).

Carex heleonastes L.f.
REFERENCE: Kershaw 1976, Kershaw & Morton 1976, Reznicek 1975–76 and maps
RANGE: Aka–NWT, Alta–Man, nOnt–nPQ (Boivin 1967)
ONTARIO: Disjunct James Bay and L. Superior
MAP: Hultén 1964, Hultén 1968

Carex hirsutella Mack.
REFERENCE: Kershaw 1976, Reznicek 1975–76
RANGE: Ont–swPQ (Boivin 1967)
STATUS: Rare in Canada.

Carex hookerana Dewey
REFERENCE: Reznicek 1975–76 and map
RANGE: Alta–wOnt (Boivin 1967)
MAP: Given & Soper 1976 Ont

Carex jamesii Schwein.
REFERENCE: Kershaw 1976, Reznicek 1975–76
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada.

Carex katahdinensis = *C. conoidea*

Carex laevivaginata (Kukenth.)Mack.
REFERENCE: CAN, Kershaw 1976
RANGE: sOnt (Scoggan 1976)
ONTARIO: Grey Co. and Ontario Co.
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976). Rare in Minnesota (Morley 1972).

Carex laxiculmis Schwein.
REFERENCE: CAN, Kershaw 1976
RANGE: sOnt–PQ (Boivin 1967)
STATUS: Rare in Canada.

Carex laxiflora Lam. var. *gracillima* (Boott)Robins.& Fern.
REFERENCE: Reznicek 1975–76
RANGE: sOnt–swPQ (Boivin 1967)

Carex leavenworthii Dewey
REFERENCE: Kershaw 1976, Reznicek 1975–76
RANGE: swOnt (Boivin 1967)
ONTARIO: Pt. Pelee
STATUS: Rare in Canada.

Carex lupuliformis Sartw.
REFERENCE: Kershaw 1976, Reznicek 1975–76 and map
RANGE: swOnt, swPQ (Boivin 1967)
ONTARIO: Galt
MAP: Reznicek & Ball 1974
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976).

Carex miliaris Michx.
(*C. saxatilis* L. var. *miliaris* (Michx.)Bailey)
REFERENCE: Moir 1958 and maps
RANGE: nMan–nOnt–PQ, Lab
MAP: Hultén 1964, Porsild 1964

Carex muskingumensis Schwein.
REFERENCE: Kershaw 1976, Reznicek 1975–76
RANGE: swOnt (Boivin 1967)
STATUS: Rare in Canada.

Carex nigra (L.)Reichard
REFERENCE: Map
RANGE: neOnt–PQ, NB–Lab
ONTARIO: James Bay
MAP: Hultén 1958

Carex novae–angliae Schwein.
REFERENCE: Reznicek 1975–76
RANGE: Ont–NS, Nfld (Boivin 1967)

Carex oligocarpa Schkuhr
REFERENCE: Beschel et al. 1970, Kershaw 1976, Reznicek 1975–76
RANGE: sOnt–swPQ (Boivin 1967)
STATUS: Rare in Canada. Rare in Michigan (Wagner 1976).

Carex prasina Wahl.
REFERENCE: Beschel et al. 1970, Reznicek 1975–76
RANGE: sOnt–swPQ (Boivin 1967)
MAP: Raymond 1950b eCan
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976).

Carex richardsonii R.Br.
REFERENCE: Reznicek 1975–76 and map
RANGE: BC–PQ (Boivin 1967)
MAP: Raup 1930
STATUS: Threatened in Wisconsin (Read 1976). Rare in Michigan and Indiana (Wagner 1976, Barnes 1975).

Carex rossii Boott
REFERENCE: Maps
RANGE: Aka–NWT, BC–Man, ncOnt
ONTARIO: Thunder Bay Dist.
MAP: Given & Soper 1976 Ont, Hultén 1968, Raup 1930
STATUS: Rare in Minnesota and Michigan (Morley 1972, Wagner 1976).

Carex saxatilis var. *miliaris* = *C. miliaris*

Carex schweinitzii Dewey
REFERENCE: Kershaw 1976, Scoggan 1976
RANGE: swOnt (Boivin 1967)
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976).

Carex shortiana Dewey
REFERENCE: Kershaw 1976, Reznicek 1975–76 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: River Canard
MAP: Meusel et al. 1965
STATUS: Rare in Canada.

Carex squarrosa L.
(*C. typhina* Michx.)
REFERENCE: Kershaw 1976, Reznicek 1975–76
RANGE: sOnt–swPQ (Boivin 1967)
MAP: Raymond 1950b PQ
STATUS: Rare in Michigan (Wagner 1976).

Carex supina Willd. ssp. *spaniocarpa* (Steud.)Hult.
REFERENCE: Kershaw & Morton 1976 and maps
RANGE: Aka–NWT, BC–Alta, Man, ncOnt, PQ
ONTARIO: L. Superior
MAP: Given & Soper 1976 Ont, Hultén 1964, Porsild 1964

Carex swanii (Fern.)Mack.
REFERENCE: Kershaw 1976, Reznicek 1975–76
RANGE: Ont–PQ, NS
MAP: Raymond 1951 eCan
STATUS: Rare in Canada. Possibly extirpated in Wisconsin (Read 1976).

Carex tetanica Schkuhr var. *woodii* (Dewey)Wood
(*C. woodii* Dewey)
REFERENCE: Beschel et al. 1970, Kershaw 1976
RANGE: Man–Ont (Boivin 1967)
STATUS: Rare in Canada. Rare in Indiana (Barnes 1975).

Carex torta Boott
REFERENCE: Reznicek 1975–76
RANGE: Ont–NB, NS (Boivin 1967)

Carex trichocarpa Muhl.
REFERENCE: Beschel et al. 1970, Kershaw 1976, Reznicek 1975–76
RANGE: swOnt–swPQ (Boivin 1967)
MAP: Core 1968
STATUS: Rare in Canada. Rare in Minnesota, Michigan and Indiana (Morley 1972, Wagner 1976, Barnes 1975).

Carex typhina = *C. squarrosa*

Carex virescens Muhl.
REFERENCE: Reznicek 1975–76
RANGE: sOnt–swPQ, NS (Boivin 1967)

Carex willdenowii Schkuhr
REFERENCE: Kershaw 1976
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada.

Carex woodii = *C. tetanica* var. *woodii*

Carya glabra (Mill.)Sweet
REFERENCE: Kershaw 1976, Lafontaine 1974 and maps
RANGE: swOnt
MAP: Fox & Soper 1954 Ont, Hosie 1969 Can, Little 1971
STATUS: Rare in Canada.

Carya laciniosa (Michx.)Loud.
REFERENCE: IBP-CT 1974, Kershaw 1976, Lafontaine 1974 and maps
RANGE: swOnt
MAP: Fox & Soper 1954 Ont, Hosie 1969 Can, Little 1971, Soper 1960 Ont
STATUS: Rare in Canada. Rare in Michigan (Wagner 1976).

Cassia hebecarpa Fern.
(*C. marilandica* auct.)
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
MAP: Soper 1956 Ont, Soper 1960 Ont
STATUS: Rare in Canada. Extremely rare in western New York (Clinton Herbarium 1974).

Cassia marilandica = *C. hebecarpa*

Castanea dentata (Marsh.)Borkh.
REFERENCE: Cruise 1969, IBP-CT 1974, Kershaw 1976, Stewart & James 1969 and maps
RANGE: swOnt (Boivin 1967)
MAP: Baxter 1930, Fox & Soper 1953 Ont, Hosie 1969 Can, Soper 1960 Ont
STATUS: Endangered in Michigan (Wagner 1976).
PROTECTION: Protected by law in Indiana (McGaugh & Genoways 1976).

Castilleja raupii Pennell
REFERENCE: Moir 1958 and maps
RANGE: Aka-NWT, BC-nOnt, PQ (Boivin 1967)
MAP: Hultén 1968, Pennell 1934

Catabrosa aquatica (L.)Beauv.
REFERENCE: Map
RANGE: NWT, BC-nOnt-PEI, Lab (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US

Celtis tenuifolia Nutt.
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
ONTARIO: Lambton Co.
MAP: Fox & Soper 1953 Ont, Hosie 1969 Can, Soper & Heimburger 1976 Ont
STATUS: Rare in Canada. Rare in Michigan (Wagner 1976).

Cenchrus longispinus (Hackel)Fern.
(*C. pauciflorus* Benth.)
REFERENCE: Stewart & James 1969 and maps
RANGE: sOnt (Boivin 1967)
MAP: DeLisle 1963, Dore & McNeill 1976 Ont, Soper 1962 Ont
STATUS: Rare in Canada.

Cenchrus pauciflorus = *C. longispinus*

Cerastium alpinum L.
REFERENCE: Moir 1958 and maps
RANGE: NWT, Man-nOnt-nPQ, Nfld-Lab
ONTARIO: Hudson and James Bays
MAP: Hultén 1956, Hultén 1958, Meusel et al. 1965, Porsild 1964

Cerastium beeringianum C.& S.
REFERENCE: Kershaw & Morton 1976 and maps
RANGE: Aka-NWT, BC-Alta, ncOnt, PQ, Nfld-Lab
ONTARIO: L. Superior
MAP: Given & Soper 1976 Ont, Hultén 1956, Hultén 1968, Porsild 1964, Raup 1947

Cercis canadensis L.
REFERENCE: IBP-CT 1974, Kershaw 1976 and maps
RANGE: swOnt
ONTARIO: Pelee Is.
MAP: Fox & Soper 1953 Ont, Hopkins 1942, Hosie 1969 Can, Soper 1956 Ont
STATUS: Rare in Canada; extirpated in Ontario but under cultivation (Dore 1975, Soper 1956).

Chaerophyllum procumbens (L.)Crantz.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: Essex Co.
MAP: Soper 1962 Ont
STATUS: Rare in Canada; possibily extirpated in Ontario (Soper 1962). Threatened in Wisconsin (Read 1976).

Chamaelirium luteum (L.)Gray
REFERENCE: Cruise 1969, Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
MAP: Soper 1962 Ont, Segelken 1929
STATUS: Rare in Canada.

Chenopodium foggii Wahl
REFERENCE: Gaiser & Moore 1966, Kershaw 1976
RANGE: sOnt-sPQ (Wahl 1954)
STATUS: Rare in Canada.

Chimaphila maculata (L.)Pursh
REFERENCE: Catling 1974, Cruise 1969, IBP-CT 1974, Kershaw 1976 and maps
RANGE: sOnt (Boivin 1967)
MAP: Segelken 1929, Soper 1960 Ont, Soper & Heimburger 1976 Ont, Zander 1976 Lake Erie
STATUS: Rare in Canada. Endangered in New Hampshire (Hodgdon 1973). Occurs in New England as disjunct populations of few individuals (Hodgdon & Eastman 1973). Rare in Michigan (Wagner 1976).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976, Zander 1976).

Chrysanthemum arcticum L. ssp. *polare* Hult.
REFERENCE: Moir 1958 and maps
RANGE: Aka–NWT, nMan–nOnt–nPQ
ONTARIO: Hudson and James Bays
MAP: Hultén 1968, Hultén 1971

Chrysanthemum bipinnatum ssp. *huronense* = *Tanacetum huronense*

Cimicifuga racemosa (L.)Nutt.
REFERENCE: Cruise 1969, Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
MAP: Lloyd & Lloyd 1931, Soper 1962 Ont
STATUS: Rare in Canada.

Cinna arundinacea L.
REFERENCE: Beschel et al. 1970, Cruise 1969, Dore 1959 and map
RANGE: sOnt–swPQ (Boivin 1967)
MAP: Dore & McNeill 1976 Ont
STATUS: Rare in Canada.

Cirsium drummondii T.& G.
REFERENCE: Map
RANGE: NWT, BC–Man, nOnt (Boivin 1967)
MAP: Moore & Frankton 1964, Moore & Frankton 1974 Can

Cirsium pitcheri (Torr.)T.& G.
REFERENCE: FON 1969, Kershaw 1976, Kershaw & Morton 1976, Krotkov 1940 and maps
RANGE: Ont
ONTARIO: Great Lakes
MAP: Given & Soper 1976 Ont, Guire & Voss 1963, Johnson & Iltis 1963, Moore & Frankton 1974 Can, Soper 1977 Ont
STATUS: Rare in Canada. Endangered in Illinois (Paulson & Schwegman 1976). Threatened in Wisconsin and Michigan (Read 1976, Wagner 1976). Rare in Indiana (Barnes 1975).

Cirsium pumilum (Nutt.)Spreng. ssp. *hillii* (Canby)Moore & Frankton
REFERENCE: FON 1969, Kershaw 1976, Kershaw & Morton 1976, Krotkov 1940 and map
RANGE: Ont
ONTARIO: Great Lakes
MAP: Moore & Frankton 1963, Moore & Frankton 1974 Can, Soper 1977 Ont
STATUS: Rare in Canada. Threatened in Wisconsin and Michigan (Read 1976, Wagner 1976).

Collinsia parviflora Lindl.
REFERENCE: Kershaw 1976, Kershaw & Morton 1976. Reznicek 1975–76 and maps
RANGE: YT, BC–Sask, Man, Ont (Boivin 1967)
ONTARIO: Great Lakes
MAP: Given & Soper 1976 Ont, Hultén 1968

Collinsia verna Nutt.
REFERENCE: Kershaw 1976, Stewart & James 1969 and map
RANGE: swOnt (Boivin 1967)
MAP: Pennell 1935
STATUS: Rare in Canada. Possibly extirpated in Wisconsin (Read 1976). Threatened in Michigan (Wagner 1976). Extremely rare in western New York (Clinton Herbarium 1974).

Collinsonia canadensis L.
REFERENCE: Cruise 1969, Kershaw 1976, Stewart & James 1969 and map
RANGE: swOnt (Boivin 1967)
MAP: Soper 1962 Ont
STATUS: Rare in Canada. Possibly extirpated in Wisconsin (Read 1976).

Collomia linearis Nutt.
REFERENCE: Reznicek 1975–76 and maps
RANGE: Aka–NWT, BC–Man, Ont, PQ, NS (Boivin 1967)
MAP: Hultén 1968, Wherry 1936

Colpodium fulvum = *Arctophila fulva*

Conobea multifida (Michx.)Benth.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: Pelee Is.
MAP: Pennell 1935, Soper 1962 Ont
STATUS: Rare in Canada.

Conopholis americana (L.)Wallr.
REFERENCE: Beschel et al. 1970, Boivin 1967–72, Cruise 1969, FON 1969, IBP–CT 1974 and map
RANGE: Man–PQ, NS (Boivin 1967)
MAP: Haynes 1971
STATUS: Rare in Canada.

Corallorhiza odontorhiza (Willd.)Nutt.
REFERENCE: Catling & Whiting 1976, Cruise 1969, Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
MAP: Case 1964 Great Lakes, Luer 1975
STATUS: Rare in Canada; endangered in Ontario (Catling & Whiting 1976). Threatened in Wisconsin (Read 1976). Rare in Minnesota (Morley 1972).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in Minnesota, Wisconsin, New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974).

Coreopsis lanceolata L.
REFERENCE: Catling et al. 1975
RANGE: BC, Ont (Boivin 1967)
ONTARIO: Great Lakes

Coreopsis tripteris L.
REFERENCE: Catling 1976b, Kershaw 1976, Scoggan 1976
RANGE: swOnt (Boivin 1967)
ONTARIO: Essex Co.
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976). Rare in Minnesota (Morley 1972).

Corispermum hyssopifolium L.
REFERENCE: CAN, Cruise 1969
RANGE: NWT, BC–Ont–PQ (Boivin 1967)
ONTARIO: Great Lakes
STATUS: Rare in Indiana (Barnes 1975).

Cornus drummondii E.Mey.
REFERENCE: Cruise 1969, Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
ONTARIO: Essex Co. and Norfolk Co.
MAP: Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont, Wilson 1964
STATUS: Rare in Canada.

Cornus florida L.
REFERENCE: Catling 1974, Cruise 1969, IBP–CT 1974, Kershaw 1976, Stewart & James 1969 and maps
RANGE: swOnt
MAP: Fox & Soper 1952 Ont, Hosie 1969 Can, Little 1971, Soper & Heimburger 1976 Ont
STATUS: Rare in Canada.
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976, Zander 1976).

Corydalis flavula (Raf.)DC.
REFERENCE: Campbell 1976, Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: Pt. Pelee and Pelee Is.
MAP: Ownbey 1947
STATUS: Rare in Canada. Extremely rare in western New York (Clinton Herbarium 1974).

Crataegus douglasii Lindl.
REFERENCE: Maps
RANGE: Aka, BC–Sask, Ont (Boivin 1967)
MAP: Given & Soper 1976 Ont, Hultén 1968, Soper & Heimburger 1976 Ont
STATUS: Rare in Minnesota and Michigan (Morley 1972, Wagner 1976).

Cryptogramma crispa (L.)R.Br. var. *acrosticoides* (R.Br.)C.B.Clarke
REFERENCE: Britton 1976 and maps
RANGE: Aka–NWT, BC–Man, Ont (Boivin 1967)
ONTARIO: Great Lakes
MAP: Given & Soper 1976 Ont, Hultén 1958, Soper 1960 Ont

Cyperus engelmannii Steud.
REFERENCE: Beschel et al. 1970, Kershaw 1976
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada. Threatened in Pennsylvania (Wherry 1975).

Cyperus erythrorhizos Muhl.
REFERENCE: Cruise 1969, Kershaw 1976, Reznicek 1975–76
RANGE: swOnt (Boivin 1967)
STATUS: Rare in Canada.

Cyperus ferruginescens Boeck.
REFERENCE: Beschel et al. 1970, Kershaw 1976, Reznicek 1975–76
RANGE: swOnt–PQ (Boivin 1967)
STATUS: Rare in Canada.

Cyperus houghtonii Torr.
REFERENCE: Beschel et al. 1970
RANGE: seMan–swPQ (Boivin 1967)
STATUS: Threatened in Wisconsin and Pennsylvania (Read 1976, Wherry 1975).

Cypripedium arietinum R.Br.
REFERENCE: Beschel et al. 1970, Brunton 1974–75, Catling 1974, Cruise 1969, FON 1969, IBP–CT 1974 and maps
RANGE: Man–PQ, NS
MAP: Ayensu 1975 US, Case 1964 Great Lakes, Luer 1975, Soper 1977 Ont
STATUS: Rare in Canada. Threatened in the United States (Ayensu 1975, Smithsonian Institution 1975). Endangered in Wisconsin and New Hampshire (Read 1976, Hodgdon 1973). Threatened in Michigan (Wagner 1976).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in Minnesota, Wisconsin, New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974).

Cypripedium candidum Muhl.
REFERENCE: Catling & Whiting 1976, Catling 1974, Cruise 1969, IBP–CT 1974, Kershaw 1976, Kershaw & Morton 1976, Lafontaine 1974, Petrie 1976 and maps
RANGE: Sask, Man, sOnt (Boivin 1967)
MAP: Ayensu 1975 US, Case 1964 Great Lakes, Luer 1975
STATUS: Rare in Canada; endangered in Ontario (Catling & Whiting 1976). Threatened in the United States (Ayensu 1975, Smithsonian Institution 1975). Endangered in Wisconsin and Illinois (Read 1976, Paulson & Schwegman 1976). Threatened in Michigan (Wagner 1976). Extirpated in Pennsylvania (Wherry 1975).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in Minnesota, Wisconsin and New York (McGaugh & Genoways 1976).

Cypripedium passerinum Richards.
REFERENCE: Soper 1965 and maps
RANGE: Aka–NWT, BC–nOnt–PQ
ONTARIO: nOnt, disjunct L. Superior
MAP: Given & Soper 1976 Ont, Luer 1975, Raup 1947
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States.

Cystopteris fragilis (L.)Bernh. var. *laurentiana* Weath.
REFERENCE: Britton 1976
RANGE: Ont–PQ, NS–Nfld, local (Boivin 1967)
ONTARIO: Great Lakes
STATUS: Rare in Michigan (Wagner 1976).

Cystopteris montana (Lam.)Bernh.
REFERENCE: Kershaw & Morton 1976 and maps
RANGE: Aka–NWT, BC–Alta, ncOnt, PQ, Nfld, local (Boivin 1967)
ONTARIO: L. Superior
MAP: Given and Soper 1976 Ont, Hultén 1958, Kershaw 1976, Porsild 1966

Danthonia compressa = *D. sericea*

Danthonia sericea Nutt.
(*D. compressa* Austin)
REFERENCE: Dore 1959 and map
RANGE: eOnt (Fernald 1950)
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US
STATUS: Rare in Canada.

Deschampsia caespitosa (L.)Beauv. var. *maritima* Vasey
REFERENCE: Map
RANGE: Aka–NWT, nOnt
ONTARIO: Hudson and James Bays
MAP: Dore & McNeill 1976 Ont

Desmodium canescens (L.)DC.
REFERENCE: Kershaw 1976
RANGE: swOnt (Boivin 1967)
MAP: Isely 1955
STATUS: Rare in Canada.

Desmodium ciliare (Muhl.)DC.
REFERENCE: CAN, Kershaw 1976
RANGE: swOnt (Boivin 1967)
ONTARIO: Niagara Falls
MAP: Isely 1955
STATUS: Rare and possibly extirpated in Canada.

Desmodium cuspidatum (Muhl.)Loud.
REFERENCE: Cruise 1969, Kershaw 1976, Stewart & James 1969
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada. Endangered in New Hampshire (Hodgdon 1973).

Desmodium illinoense Gray
REFERENCE: CAN, Kershaw 1976
RANGE: swOnt (Boivin 1967)
ONTARIO: Komoka
MAP: Isely 1955
STATUS: Rare and possibly extirpated in Canada. Rare in Minnesota (Morley 1972).

Desmodium marilandicum (L.)DC.
REFERENCE: CAN, Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: Lambton Co.
MAP: Isely 1955
STATUS: Rare in Canada. Endangered in New Hampshire (Hodgdon 1973).

Desmodium rotundifolium (Michx.)DC.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
MAP: Isely 1955
STATUS: Rare in Canada. Endangered in New Hampshire (Hodgdon 1973).

Desmodium sessilifolium (Torr.)T.& G.
REFERENCE: Kershaw 1976
RANGE: swOnt (Boivin 1967)
ONTARIO: Sandwich
MAP: Isely 1955
STATUS: Rare and possibly extirpated in Canada. Threatened in Pennsylvania (Wherry 1975).

Dioscorea villosa L.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
MAP: Soper 1956 Ont
STATUS: Rare in Canada.

Disporum lanuginosum (Michx.)Nicholson
REFERENCE: Cruise 1969, Kershaw 1976, Stewart & James 1969 and maps
RANGE: swOnt (Boivin 1967)
MAP: Jones 1951, Wood 1970
STATUS: Rare in Canada.

Disporum trachycarpum (Wats.)B.& H.
REFERENCE: Reznicek 1975–76
RANGE: BC–nOnt (Boivin 1967)
MAP: Jones 1951, Wood 1970

Draba alpina L.
REFERENCE: Mulligan 1975–76 and maps
RANGE: Aka–NWT, nBC, neMan–nOnt–nwPQ (Mulligan 1976)
ONTARIO: Hudson Bay
MAP: Hultén 1968, Porsild 1964

Draba aurea Vahl
REFERENCE: Kershaw & Morton 1976, Mulligan 1975–76 and maps
RANGE: Aka–NWT, BC–nOnt–PQ, Lab (Mulligan 1976)
ONTARIO: nOnt, disjunct L. Superior
MAP: Hultén 1968, Porsild 1966

Draba cana Rydb.
(*D. lanceolata* auct.)
REFERENCE: Brunton & Lafontaine 1974a, FON 1969, Kershaw 1976, Kershaw & Morton 1976 and maps
RANGE: Aka–NWT, BC–swAlta, nwSask, Ont, PQ–NB
ONTARIO: Great Lakes
MAP: Hultén 1968, Mulligan 1971

Draba cinerea Adams
REFERENCE: Maps
RANGE: Aka–NWT, nBC, nSask, nOnt, PQ
ONTARIO: Hudson Bay
MAP: Hultén 1968, Mulligan 1971, Porsild 1964

Draba glabella Pursh
(*D. hirta* auct.)
REFERENCE: Brunton 1974–75, Moir 1958, Reznicek 1975–76 and maps
RANGE: Aka–NWT, BC–Alta, Man–Ont–NB, NS–Lab (Mulligan 1976)
ONTARIO: nOnt, disjunct Manitoulin Is. and cOnt
MAP: Hultén 1968, Mulligan 1970, Porsild 1964, Raup 1947

Draba hirta = *D. glabella*

Draba incana L.
REFERENCE: Moir 1958 and maps
RANGE: nOnt–PQ, PEI, Nfld–Lab (Mulligan 1976)
ONTARIO: nOnt, disjunct L. Superior
MAP: Given & Soper 1976 Ont, Hultén 1958
STATUS: Threatened in Michigan (Wagner 1976).

Draba lanceolata = *D. cana*

Draba nivalis Liljebl.
REFERENCE: Maps
RANGE: Aka–NWT, BC–Alta, Man–nOnt–PQ, Nfld–Lab
ONTARIO: Hudson Bay
MAP: Hultén 1968, Mulligan 1974, Porsild 1964

Draba reptans Lam.
REFERENCE: Kershaw 1976, Mulligan 1975–76
RANGE: sAlta–sOnt (Mulligan 1976)
STATUS: Threatened in Pennsylvania (Wherry 1975).

Drosera linearis Goldie
REFERENCE: Catling 1974, FON 1969, Krotkov 1940 and maps
RANGE: BC–Ont, PQ, Nfld, local (Boivin 1967)
ONTARIO: Great Lakes
MAP: Cruise & Catling 1974 Ont, Wynne 1944
STATUS: Endangered in Wisconsin (Read 1976). Rare in Minnesota (Morley 1972).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976, Zander 1976).

Dryas drummondii Richards.
REFERENCE: Kershaw 1976, Kershaw & Morton 1976 and maps
RANGE: Aka–NWT, BC–Sask, ncOnt, PQ, Nfld (Boivin 1967)
ONTARIO: L. Superior
MAP: Given & Soper 1976 Ont, Hultén 1968, Porsild 1947

Dryas integrifolia Vahl
REFERENCE: Moir 1958 and maps
RANGE: Aka–NWT, BC–Alta, Man–nOnt–NB, Nfld–Lab (Boivin 1967)
ONTARIO: nOnt, disjunct L. Superior
MAP: Given & Soper 1976 Ont, Hultén 1968, Porsild 1947, Savile 1961, Young 1971

Dryopteris filix-mas (L.)Schott
REFERENCE: FON 1969 and maps
RANGE: BC–Alta, Ont–PQ, NS–Nfld (Boivin 1967)
ONTARIO: Great Lakes
MAP: Britton & Soper 1966 Ont, Given & Soper 1976 Ont, Hultén 1964
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976).

Dryopteris goldiana (Hook.)Gray
REFERENCE: Beschel et al. 1970, Britton 1976, Brunton 1974–75, Cruise 1969, FON 1969, Reznicek 1975–76 and maps
RANGE: sOnt–NB (Boivin 1967)
MAP: Britton & Soper 1966 Ont, Wagner & Wagner 1965
STATUS: Rare in Minnesota (Morley 1972).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976).

Dryopteris hexagonoptera = *Phegopteris hexagonoptera*

Dryopteris robertiana = *Gymnocarpium robertianum*

Dupontia fisheri R.Br.
REFERENCE: Maps
RANGE: Aka–NWT, Man–nOnt–PQ, Lab (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Dore & McNeill 1976 Ont, Hultén 1968, Porsild 1964

Echinochloa walteri (Pursh)Nash
REFERENCE: Beschel et al. 1970, Cruise 1969, Dore 1959 and map
RANGE: sOnt–swPQ (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Gould et al. 1972
STATUS: Rare in Minnesota (Morley 1972).

Echinopanax horridum = *Oplopanax horridus*

Elatine minima (Nutt.)Fisch.& Mey.
REFERENCE: CAN and map
RANGE: Ont–NS, Nfld (Boivin 1967)
ONTARIO: Great Lakes
MAP: Fassett 1939

Eleocharis equisetoides (Ell.)Torr.
REFERENCE: Cruise 1969, Kershaw 1976, Reznicek 1975–76
RANGE: swOnt (Boivin 1967)
ONTARIO: Long Pt.
MAP: Svenson 1939
STATUS: Rare in Canada. Extirpated in Wisconsin and Illinois (Read 1976, Paulson and Schwegman 1976). Rare in Indiana (Barnes 1975).

Eleocharis geniculata (L.)R.& S.
REFERENCE: Cruise 1969, Kershaw 1976, Pratt 1974, Reznicek 1975–76
RANGE: sOnt (Fernald 1950)
ONTARIO: Great Lakes
STATUS: Rare in Canada. Rare in Indiana (Barnes 1975).

Eleocharis intermedia (Muhl.)Schult.
REFERENCE: Beschel et al. 1970, CAN, DAO
RANGE: Ont–PQ (Fernald 1950)
ONTARIO: Thunder Bay and sOnt

Eleocharis olivacea Torr.
REFERENCE: Beschel et al. 1970, FON 1969, Krotkov 1940 and map
RANGE: sOnt, PQ, NS (Boivin 1967)
MAP: Svenson 1939
STATUS: Threatened in Wisconsin (Read 1976). Rare in Minnesota (Morley 1972).

Eleocharis parvula (R.& S.)Link
REFERENCE: Brunton 1974–75 and map
RANGE: BC, wOnt–Nfld (Boivin 1967)
MAP: Hultén 1964, Svenson 1934
STATUS: Extirpated in Michigan (Wagner 1976).

Eleocharis quadrangulata (Michx.)R.& S. var. *crassior* Fern.
REFERENCE: Cruise 1969, Kershaw 1976, Reznicek 1975–76 and map
RANGE: sOnt (Boivin 1967)
MAP: Svenson 1939
STATUS: Rare in Canada. Possibly extirpated in Wisconsin (Read 1976).

Eleocharis rostellata Torr.
REFERENCE: FON 1969, Krotkov 1940, Reznicek 1975–76 and map
RANGE: BC, sOnt, NS (Boivin 1967)
MAP: Svenson 1934
STATUS: Endangered in Wisconsin (Read 1976). Threatened in Pennsylvania (Wherry 1975).

Elodea nuttallii (Planch.)St.John
REFERENCE: Kershaw 1976, Stewart & James 1969 and map
RANGE: nOnt–NB (Boivin 1967, CAN)
MAP: Soper 1960 Ont, St. John 1965
STATUS: Rare in Ohio (Stuckey & Roberts 1976).

Elymus diversiglumis Scribn.& Ball
(*E. interruptus* auct.)
REFERENCE: Kershaw 1976
RANGE: seSask–nwOnt (Boivin 1967, Bowden 1964)
MAP: Hitchcock & Chase 1950 US

Elymus glaucus Buckl.
REFERENCE: Maps
RANGE: Aka–YT, BC–Sask, Man, nOnt (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US, Hultén 1968

Elymus interruptus = *E. diversiglumis*

Elymus mollis Trin.
REFERENCE: Maps
RANGE: Aka–NWT, BC–nOnt–Lab
ONTARIO: nOnt, disjunct L. Superior
MAP: Bowden 1957, Dore & McNeill 1976 Ont, Guire & Voss 1963 Great Lakes, Hultén 1964, Hultén 1968

Elymus riparius Wieg.
REFERENCE: Beschel et al. 1970 and map
RANGE: Ont–sPQ (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US

Elymus villosus Muhl.
REFERENCE: Beschel et al. 1970, Dore 1959, FON 1969, Krotkov 1940, Stewart & James 1969 and map
RANGE: s&eOnt–swPQ (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US
STATUS: Rare in Canada.

Epilobium leptocarpum Haussk. var. *macounii* Trel.
REFERENCE: FON 1969, Kershaw 1976, Kershaw & Morton 1976, Krotkov 1940
RANGE: BC–Man, scOnt, PQ–Nfld, local (Fernald 1950)
ONTARIO: Bruce Pen.

Epilobium paniculatum Nutt. var. *subulatum* (Haussk.)Fern.
REFERENCE: Fernald 1950, FON 1969
RANGE: BC–Sask, scOnt
ONTARIO: L. Huron

Eragrostis hypnoides (Lam.)BSP.
REFERENCE: Beschel et al. 1970, Cruise 1969, Dore 1959, Stewart & James 1969 and map
RANGE: seSask–sOnt–swPQ (Boivin 1967)
MAP: Dore & McNeill 1976 Ont

Erigenia bulbosa (Michx.)Nutt.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
MAP: Soper 1962 Ont
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976).

Erythronium albidum Nutt.
REFERENCE: CAN, Kershaw 1976
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada.

Euonymus atropurpureus Jacq.
REFERENCE: Cruise 1969, IBP–CT 1974, Kershaw 1976, Soper 1962, Stewart & James 1969 and maps
RANGE: swOnt (Boivin 1967)
MAP: Fox & Soper 1953 Ont, Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont, Zander 1976 Lake Erie
STATUS: Rare in Canada.
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976, Zander 1976).

Eupatorium altissimum L.
REFERENCE: CAN, Kershaw 1976
RANGE: swOnt
ONTARIO: Essex Co. and Wentworth Co.
STATUS: Rare in Canada.

Eupatorium coelestinum L.
REFERENCE: CAN, Kershaw 1976, Pratt 1974, Reznicek 1975–76
RANGE: swOnt
ONTARIO: Pt. Pelee
STATUS: Rare in Canada.

Eupatorium purpureum L.
REFERENCE: FON 1969, IBP–CT 1974 and maps
RANGE: swOnt (Boivin 1967)
MAP: Grant 1953, Soper 1960 Ont
STATUS: Rare in Canada.

Euphorbia commutata Engelm.
REFERENCE: Beschel et al. 1970, Kershaw 1976
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976).

Euphorbia corollata L.
REFERENCE: Cruise 1969
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada.

Euphorbia obtusata Pursh
REFERENCE: Campbell & Reznicek 1976, Kershaw 1976
RANGE: swOnt
ONTARIO: Pelee Is.
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976). Threatened in Pennsylvania (Wherry 1975). Rare in Indiana (Barnes 1975).

Euphrasia frigida = *E. vinacea*

Euphrasia vinacea Sell & Yeo
(*E. frigida* auct.)
REFERENCE: Kershaw 1976, Kershaw & Morton 1976, Sell & Yeo 1970 and map
RANGE: Man, neOnt
ONTARIO: James Bay
MAP: Given & Soper 1976 Ont
STATUS: Rare in Canada.

Festuca baffinensis Polunin
REFERENCE: Maps
RANGE: Aka–NWT, BC–Alta, nOnt
ONTARIO: Hudson Bay
MAP: Dore & McNeill 1976 Ont, Hultén 1968, Porsild 1964

Festuca brachyphylla Schult.
REFERENCE: Maps
RANGE: Aka–NWT, BC–Alta, Man–nOnt–PQ, Nfld–Lab
ONTARIO: nOnt, disjunct L. Superior
MAP: Dore & McNeill 1976 Ont, Given & Soper 1976 Ont, Hultén 1968, Porsild 1964

Festuca occidentalis Hook.
REFERENCE: Dore 1975, Kershaw 1976 and maps
RANGE: BC–Alta, Ont (Boivin 1967)
ONTARIO: Great Lakes
MAP: Dore & McNeill 1976 Ont, Given & Soper 1976 Ont, Hitchcock & Chase 1950 US
STATUS: Endangered in Wisconsin (Read 1976).

Festuca rubra L. var. *altaica* Drobov
(*F. rubra* var. *arenaria* auct.)
REFERENCE: Maps
RANGE: NWT, Sask–neOnt–Nfld (Fernald 1950)
ONTARIO: James Bay
MAP: Dore & McNeill 1976 Ont, Porsild 1964

Festuca rubra var. *arenaria* = *F. rubra* var. *altaica*

Festuca rubra L. var. *juncea* (Hack.)Richter
REFERENCE: Map
RANGE: Ont–Nfld (Fernald 1950)
ONTARIO: Great Lakes
MAP: Dore & McNeill 1976 Ont

Festuca rubra L. var. *rubra*
REFERENCE: Maps
RANGE: Aka–NWT, BC–neOnt–NS, Lab (Boivin 1967, Fernald 1950)
ONTARIO: James Bay
MAP: Dore & McNeill 1976 Ont, Porsild 1966

Festuca scabrella Torr.
REFERENCE: Maps
RANGE: BC–Man, ncOnt–PQ, Nfld
ONTARIO: Thunder Bay
MAP: Dore & McNeill 1976 Ont, Given & Soper 1976 Ont, Hultén 1968, Johnston 1958
STATUS: Threatened in Michigan (Wagner 1976).

Fimbristylis autumnalis (L.)R.& S.
REFERENCE: Catling et al. 1977, Cruise 1969, Kershaw 1976, Reznicek 1975–76 and map
RANGE: sOnt–swPQ (Boivin 1967)
MAP: Kral 1971 US, Soper 1962 Ont
STATUS: Rare in Canada.

Fimbristylis drummondii = *F. spadicea*

Fimbristylis spadicea (L.)Vahl
(*F. drummondii* Boechl.)
REFERENCE: CAN and map
RANGE: swOnt
ONTARIO: St. Clair R.
MAP: Soper 1962 Ont
STATUS: Rare in Canada.

Floerkea proserpinacoides Willd.
REFERENCE: Kershaw 1976 and map
RANGE: Ont–swPQ, NS (Boivin 1967)
MAP: Becker 1960
STATUS: Rare in Canada. Rare in Minnesota (Morley 1972).

Frasera caroliniensis = *Swertia caroliniensis*

Fraxinus quadrangulata Michx.
REFERENCE: IBP–CT 1974, Kershaw 1976, Lafontaine 1974, Stewart & James 1969 and maps
RANGE: swOnt (Boivin 1967)
ONTARIO: Pt. Pelee and Pelee Is.
MAP: Fox & Soper 1953 Ont, Hosie 1969 Can, Little 1971
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976).

Galium kamtschaticum Steller
REFERENCE: Maps
RANGE: Aka, BC, ncOnt, NB–Nfld, local
ONTARIO: L. Superior
MAP: Given & Soper 1976 Ont, Hultén 1968

Galium pilosum Ait.
REFERENCE: Beschel et al. 1970, Cruise 1969, Kershaw 1976
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada.

Gaura biennis L.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
RANGE: Raven & Gregory 1972
STATUS: Rare in Canada. Rare in Minnesota (Morley 1972).

Gentiana alba Muhl.
(*G. flavida* Gray)
REFERENCE: Beschel et al. 1970, Kershaw 1976 and map
RANGE: seOnt (Boivin 1967)
MAP: Pringle 1967
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976). Rare in Michigan and Indiana (Wagner 1976, Barnes 1975).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976).

Gentiana detonsa Rottb. var. *nesophila* (Th. Holm)Boivin
(*G. nesophila* Th. Holm, *Gentianella detonsa* (Rottb.)G. Don ssp. *nesophila* (Th. Holm)J.M. Gillett)
REFERENCE: Kershaw 1976, Kershaw & Morton 1976 and map
RANGE: NWT, nOnt–PQ, Nfld–Lab (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Gillett 1963, Raymond 1950b

Gentiana detonsa Rottb. var. *raupii* (Pors.)Boivin
(*G. raupii* Pors., *Gentianella detonsa* (Rottb.) G. Don ssp. *raupii* (Pors.)J.M. Gillett
REFERENCE: Kershaw 1976, Kershaw & Morton 1976 and map
RANGE: Aka–NWT, Alta, nOnt (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Cody 1971, Gillett 1963, Porsild 1966

Gentiana flavida = *G. alba*

Gentiana nesophila = *G. detonsa* var. *nesophila*

Gentiana puberula = *G. puberulenta*

Gentiana puberulenta Pringle
(*G. puberula* Michx.)
REFERENCE: Catling 1974, Kershaw 1976 and map
RANGE: Man–sOnt
MAP: Pringle 1967
STATUS: Rare in Canada. Threatened in Michigan (Wagner 1976). Extremely rare in western New York (Clinton Herbarium 1974).
PROTECTION: Protected by law in Minnesota and New York (McGaugh & Genoways 1976).

Gentiana quinquefolia L.
(*Gentianella quinquefolia* (L.)Small)
REFERENCE: Kershaw 1976 and map
RANGE: sOnt (Boivin 1967)
MAP: Gillett 1963, Zander 1976 Lake Erie
STATUS: Rare and possibly extirpated in Canada.

Gentiana raupii = *G. detonsa* var. *raupii*

Gentianella detonsa ssp. *nesophila* = *Gentiana detonsa* var. *nesophila*

Gentianella detonsa ssp. *raupii* = *Gentiana detonsa* var. *raupii*

Gentianella quinquefolia = *Gentiana quinquefolia*

Gerardia gattingeri = *Agalinis gattingeri*

Gerardia skinneriana = *Agalinis skinneriana*

Gerardia tenuifolia var. *parviflora* = *Agalinis tenuifolia* var. *parviflora*

Geum laciniatum Murray
REFERENCE: Beschel et al. 1970, Cruise 1969, Stewart & James 1969
RANGE: sOnt–NS (Boivin 1967)
STATUS: Rare in Minnesota (Morley 1972).

Geum triflorum Pursh
REFERENCE: Map
RANGE: BC–sOnt (Boivin 1967)
MAP: Catling et al. 1975 Ont
STATUS: Threatened in Michigan (Wagner 1976).

Geum vernum (Raf.)T.& G.
REFERENCE: Kershaw 1976
RANGE: swOnt (Boivin 1967)
ONTARIO: Essex Co.
STATUS: Rare in Canada. Rare in Michigan (Wagner 1976).

Gillenia trifoliata (L.)Moench
REFERENCE: Beschel et al. 1970, Kershaw 1976 and map
RANGE: sOnt (Boivin 1967)
MAP: Soper 1962 Ont
STATUS: Rare in Canada.

Glaux maritima L. var. *obtusifolia* Fern.
REFERENCE: Maps
RANGE: eNWT, neOnt–NS, Nfld (Boivin 1967)
ONTARIO: James Bay
MAP: Hultén 1968, Hultén 1971

Gleditsia triacanthos L.
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
MAP: Fox & Soper 1953 Ont, Hosie 1969 Can, Little 1971, Soper 1956 Ont
STATUS: Rare in Canada. Rare in Minnesota (Morley 1972).

Glyceria melicaria (Michx.)Hubbard
REFERENCE: Dore 1959 and map
RANGE: eOnt–NB, NS (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US
STATUS: Rare in Canada.

Glycyrrhiza lepidota Pursh
REFERENCE: IBP–CT 1974
RANGE: BC–Ont (Boivin 1967)
MAP: Welsh 1960 cUS
STATUS: Threatened in Wisconsin (Read 1976).

Gnaphalium purpureum L. var. *purpureum*
REFERENCE: Reznicek 1975–76
RANGE: swOnt (Boivin 1967)
STATUS: Rare in Canada.

Goodyera oblongifolia Raf.
REFERENCE: Catling 1974, FON 1969 and maps
RANGE: BC–Ont, PQ, NS
MAP: Case 1964 Great Lakes, Given & Soper 1976 Ont, Luer 1975
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in Minnesota, Wisconsin (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974)

Gymnocarpium robertianum (Hoffm.)Newm.
(*Dryopteris robertiana* (Hoffm.)Christens.)
REFERENCE: Britton 1976, FON 1969, Krotkov 1940 and maps
RANGE: Aka–NWT, BC–Ont, PQ, Nfld
ONTARIO: Great Lakes
MAP: Hultén 1964, Soper 1963 Great Lakes
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976).

Gymnocladus dioica (L.)Koch
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
ONTARIO: Pelee Is. and Lambton Co.
MAP: Fox & Soper 1953 Ont, Hosie 1969 Can, Soper 1956 Ont
STATUS: Rare in Canada. Threatened in Wisconsin and Michigan (Read 1976, Wagner 1976).

Habenaria blephariglottis = *Platanthera blephariglottis*

Habenaria ciliaris = *Platanthera ciliaris*

Habenaria flava var. *herbiola* = *Platanthera flava* var. *herbiola*

Habenaria leucophaea = *Platanthera leucophaea*

Habenaria unalascensis = *Piperia unalascensis*

Hedysarum mackenzii Richards.
REFERENCE: Moir 1958 and maps
RANGE: Aka–NWT, BC–Man, nOnt–PQ, Nfld (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Hultén 1968, Meusel et al. 1965, Porsild 1964

Helianthemum bicknellii Fern.
REFERENCE: Cruise 1969, Kershaw 1976 and map
RANGE: seMan–sOnt (Boivin 1967)
MAP: Daoud & Wilbur 1965
STATUS: Rare in Canada.

Hemicarpha micrantha (Vahl)Pax
(*Scirpus micranthus* Vahl)
REFERENCE: CAN, Kershaw 1976, Reznicek 1975–76 and map
RANGE: swOnt–swPQ (Boivin 1967)
ONTARIO: Amherstburg
MAP: Friedland 1941
STATUS: Rare in Canada. Threatened in Michigan and Pennsylvania (Wagner 1976, Wherry 1975).

Heuchera americana L.
REFERENCE: Kershaw 1976
RANGE: swOnt (Boivin 1967)
ONTARIO: Pelee Is. and Amherstburg
STATUS: Rare in Canada.

Hibiscus moscheutos var. *purpurascens* = *H. palustris*

Hibiscus palustris L.
(*H. moscheutos* L. var. *purpurascens* Sweet)
REFERENCE: IBP-CT 1974, Kershaw 1976, Stewart & James 1969 and maps
RANGE: sOnt (Boivin 1967)
MAP: Fernald 1942, Soper 1962 Ont
STATUS: Rare in Canada. Extirpated in Wisconsin (Read 1976). Threatened in Michigan (Wagner 1976).

Hieracium gronovii L.
REFERENCE: Kershaw 1976
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada.

Hieracium longipilum Torr.
REFERENCE: Kershaw 1976
RANGE: swOnt (Boivin 1967)
STATUS: Rare in Canada. Rare in Indiana (Barnes 1975).

Hieracium paniculatum L.
REFERENCE: Beschel et al. 1970, IBP-CT 1974
RANGE: Ont-PQ, NS (Boivin 1967)
STATUS: Rare in Canada.

Hieracium venosum L. var. *nudicaule* (Michx.)Farw.
REFERENCE: Kershaw 1976
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada. Rare in Indiana (Barnes 1975).

Hierochloe pauciflora R.Br.
REFERENCE: Maps
RANGE: Aka-NWT, Man-neOnt-PQ, Lab (Boivin 1967)
ONTARIO: Cape Henrietta Maria
MAP: Dore & McNeill 1976 Ont, Hultén 1968, Porsild 1964

Houstonia caerulea L.
REFERENCE: CAN, Reznicek 1975-76
RANGE: Ont-NS (Boivin 1967)
ONTARIO: Petawawa
STATUS: Endangered in Wisconsin (Read 1976).

Hybanthus concolor (T.F.Forster)Spreng.
REFERENCE: Cruise 1969, Kershaw 1976 and map
RANGE: sOnt (Boivin 1967)
MAP: Soper 1962 Ont
STATUS: Rare in Canada. Possibly extirpated in Wisconsin (Read 1976). Rare in Michigan (Wagner 1976).

Hydrastis canadensis L.
REFERENCE: Cruise 1969, Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
MAP: Lloyd & Lloyd 1908, Soper 1960 Ont, Zander 1976 Lake Erie
STATUS: Rare in Canada. Endangered in Illinois (Paulson & Schwegman 1976). Threatened in Wisconsin and Michigan (Read 1976, Wagner 1976). Rare in Minnesota (Morley 1972).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976, Zander 1976).

Hydrophyllum appendiculatum Michx.
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
MAP: Constance 1942, Soper 1976 Ont
STATUS: Rare in Canada.

Hydrophyllum canadense L.
REFERENCE: Cruise 1969, Kershaw 1976, Stewart & James 1969 and map
RANGE: sOnt-swPQ (Boivin 1967)
MAP: Constance 1942
STATUS: Rare in Canada.

Hymenoxys acaulis (Pursh)Parker var. *glabra* (Gray)Parker
(*Actinea acaulis* (Pursh)Spreng. var. *glabra* (Gray)Parker, *A. herbacea* (Greene)Robins.)
REFERENCE: Catling et al. 1975, FON 1969, Kershaw 1976, Kershaw & Morton 1976
RANGE: scOnt (Boivin 1967)
ONTARIO: Manitoulin Is.
STATUS: Rare in Canada.

Hypericum gentianoides (L.)BSP.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt-swPQ (Boivin 1967)
MAP: Gillett 1976
STATUS: Rare in Canada.

Hypericum prolificum L.
(*H. spathulatum* (Spach)Steud.)
REFERENCE: Kershaw 1976 and maps
RANGE: sOnt (Boivin 1967)
MAP: Gillet 1976, Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont, Utech & Iltis 1970
STATUS: Rare in Canada.

Hypericum spathulatum = *H. prolificum*

Hypoxis hirsuta (L.)Cov.
REFERENCE: Beschel et al. 1970, Cruise 1969, IBP-CT 1974 and map
RANGE: Sask-swOnt (Boivin 1967)
MAP: Soper 1976 Ont

Ipomoea pandurata (L.)G.F.W.Meyer
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: Pt. Pelee, Pelee Is. and Niagara Falls
MAP: Soper 1962 Ont
STATUS: Rare in Canada.

Iris brevicaulis Raf.
REFERENCE: CAN, Kershaw 1976, Shields 1954
RANGE: swOnt (Boivin 1967)
ONTARIO: Pt. Pelee
STATUS: Rare in Canada.

Iris lacustris Nutt.
REFERENCE: Catling 1974, IBP-CT 1974, Kershaw 1976, Kershaw & Morton 1976 and maps
RANGE: scOnt (Boivin 1967)
ONTARIO: Bruce Pen. and Manitoulin Is.
MAP: Given & Soper 1976 Ont, Guire & Voss 1963, Soper 1977 Ont
STATUS: Rare in Canada. Threatened in the United States (Smithsonian Institution 1975). Endangered in Wisconsin (Read 1976). Threatened in Michigan (Wagner 1976).

Isoetes lacustris var. *macrospora* = *I. macrospora*

Isoetes macrospora Dur.
(*I. lacustris* L. var. *macrospora* (Dur.)of Hultén)
REFERENCE: Brayshaw 1964, Britton 1976 and maps
RANGE: Ont-NS, Nfld-Lab (Boivin 1967)
MAP: Hultén 1958, Soper & Rao 1958 eCan
STATUS: Rare in Canada.

Isopyrum biternatum (Raf.)T.& G.
REFERENCE: Cruise 1969, Kershaw 1976, Stewart & James 1969 and map
RANGE: sOnt (Boivin 1967)
MAP: Griggs 1913, Soper 1962 Ont
STATUS: Rare in Canada.

Isotria verticillata (Willd.)Raf.
REFERENCE: Catling & Whiting 1976, Cruise 1969, IBP-CT 1974, Kershaw 1976, Lafontaine 1974 and maps
RANGE: swOnt
ONTARIO: Norfolk Co. and Komoka(extirpated)
MAP: Case 1964 Great Lakes, Luer 1975, Soper 1962 Ont
STATUS: Rare in Canada; endangered in Ontario (Catling & Whiting 1976). Endangered in New Hampshire (Hodgdon 1973). Extremely rare in western New York (Clinton Herbarium 1974). Rare in Michigan and Indiana (Wagner 1976, Barnes 1975).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974)

Jeffersonia diphylla (L.)Pers.
REFERENCE: Beschel et al. 1970, Cruise 1969, IBP-CT 1974, Kershaw 1976, Stewart & James 1969 and maps
RANGE: sOnt (Boivin 1967)
MAP: Soper 1962 Ont
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976). Extremely rare in western New York (Clinton Herbarium 1974). Rare in Minnesota and Michigan (Morley 1972, Wagner 1976).

Juglans nigra L.
REFERENCE: Beschel et al. 1970, Cruise 1969, FON 1969, IBP-CT 1974, Kershaw 1976, Stewart & James 1969 and maps
RANGE: sOnt (Boivin 1967)
MAP: Fox & Soper 1953 Ont, Hosie 1969 Can, Little 1971
STATUS: Rare in Canada.

Juncus acuminatus Michx.
REFERENCE: Beschel et al. 1970, DAO
RANGE: BC, sOnt-PQ, NS (Boivin 1967)
MAP: Fassett 1931 neNA

Juncus biflorus Ell.
REFERENCE: DAO, Reznicek 1975-76
RANGE: swOnt
ONTARIO: Essex Co.
STATUS: Rare in Canada. Rare in Michigan (Wagner 1976).

Juncus brachycarpus Engelm.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
MAP: Fernald 1937
STATUS: Rare in Canada. Threatened in Michigan (Wagner 1976). Rare in Minnesota (Morley 1972).

Juncus ensifolius Wikstr.
REFERENCE: Kershaw 1976, Kershaw & Morton 1976, Reznicek 1975-76 and maps
RANGE: Aka, BC-Sask, neOnt-PQ (Boivin 1967)
ONTARIO: James Bay
MAP: Dutilly & Lepage 1963 eCan, Hultén 1968

Juncus greenii var. *vaseyi* = *J. vaseyi*

Juncus longistylis Torr.
REFERENCE: DAO, Kershaw 1976, Kershaw & Morton 1976, Reznicek 1975-76 and map
RANGE: BC-Ont-PQ, Nfld (Boivin 1967, Fernald 1950)
ONTARIO: Albany R. and Detroit R.
MAP: Dutilly et al. 1954

Juncus marginatus Rostk.
REFERENCE: Kershaw 1976, Reznicek 1975-76
RANGE: Ont-NS (Boivin 1967)
STATUS: Rare in Minnesota (Morley 1972).

Juncus militaris Bigel.
REFERENCE: Reznicek 1975-76 and map
RANGE: cOnt-NS, Nfld (Boivin 1967)
MAP: Meusel et al. 1965
STATUS: Threatened in Michigan and Pennsylvania (Wagner 1976, Wherry 1975).

Juncus secundus Beauv.
REFERENCE: Kershaw 1976
RANGE: eOnt (Boivin 1967)
STATUS: Rare in Canada. Rare in Indiana (Barnes 1975).

Juncus subtilis E.Mey.
REFERENCE: Reznicek 1975-76 and map
RANGE: nOnt-NB, Nfld (Boivin 1967)
MAP: Lepage 1966

Juncus vaseyi Engelm.
(*J. greenii* Oakes & Tuckerm. var. *vaseyi* (Engelm.)Boivin)
REFERENCE: Reznicek 1975–76
RANGE: NWT, BC–ncOnt–NB, NS–Lab (Boivin 1967)
ONTARIO: L. Superior
STATUS: Threatened in Michigan (Wagner 1976).

Justicia americana (L.)Vahl
REFERENCE: Beschel et al. 1970, Kershaw 1976 and map
RANGE: sOnt–swPQ (Boivin 1967)
MAP: Soper 1960 Ont
STATUS: Rare in Canada. Threatened in Michigan (Wagner 1976).

Kobresia simpliciuscula (Wahl.)Mack.
REFERENCE: CAN, Reznicek 1975–76 and maps
RANGE: Aka–NWT, BC–Alta, Man–nOnt–PQ, Nfld–Lab (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Hultén 1958, Hultén 1968, Porsild 1964

Koeleria cristata = *K. pyramidata*

Koeleria gracilis = *K. pyramidata*

Koeleria macrantha = *K. pyramidata*

Koeleria pyramidata (Lam.)Beauv.
(*K. cristata* auct., *K. gracilis* auct., *K. macrantha* auct.)
REFERENCE: Cruise 1969 and maps
RANGE: Aka–NWT, BC–PQ (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Hultén 1968

Koenigia islandica L.
REFERENCE: Reznicek 1975–76
RANGE: Aka–NWT, nOnt–PQ, Lab (Boivin 1967)
ONTARIO: Hudson Bay
MAP: Hultén 1968, Porsild 1964

Krigia biflora (Walter)Blake
REFERENCE: Chinnappa 1976, Kershaw 1976
RANGE: Man–swOnt (Boivin 1967)
STATUS: Rare in Canada.

Krigia virginica (L.)Willd.
REFERENCE: Chinnappa 1976, Kershaw 1976
RANGE: sOnt (Fernald 1950)
STATUS: Rare in Canada; possibly alien (Gleason 1952).

Lactuca floridana (L.)Gaertn.
REFERENCE: Kershaw 1976
RANGE: seMan–swOnt (Boivin 1967)
STATUS: Rare in Canada. Rare in Minnesota (Morley 1972).

Lechea leggettii Britt.& Hollick var. *moniliformis* (Bickn.)Hodgdon
REFERENCE: Cruise 1969 and map
RANGE: swOnt (Fernald 1950)
ONTARIO: Essex Co.
MAP: Hodgdon 1938
STATUS: Rare in Canada. Threatened in Michigan (Wagner 1976).

Lechea minor L.
REFERENCE: Cruise 1969 and map
RANGE: swOnt (Fernald 1950)
ONTARIO: Essex Co.
MAP: Hodgdon 1938
STATUS: Rare in Canada. Rare in Michigan (Wagner 1976).

Lechea stricta Leggett
REFERENCE: Kershaw 1976 and map
RANGE: sOnt
ONTARIO: Belleville and Essex Co.
MAP: Hodgdon 1938
STATUS: Rare in Canada. Rare in Indiana (Barnes 1975).

Ledum palustre L. var. *decumbens* Ait.
REFERENCE: Moir 1958 and maps
RANGE: Aka–NWT, BC–nOnt–PQ, Lab (Boivin 1967)
ONTARIO: Hudson Bay
MAP: Given & Soper 1976 Ont, Hultén 1968, Hultén 1971, Soper & Heimburger 1976 Ont

Lespedeza intermedia (L.)Pers.
REFERENCE: Kershaw 1976 and maps
RANGE: sOnt
MAP: Clewell 1966, Isely 1955, Soper 1962 Ont
STATUS: Rare in Canada.

Lespedeza violacea (L.)Pers.
REFERENCE: Beschel et al. 1970, Kershaw 1976 and maps
RANGE: swOnt (Fernald 1950)
MAP: Clewell 1966, Isely 1955, Soper 1962 Ont
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976).

Lespedeza virginica (L.)Britt.
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
ONTARIO: Essex Co.
MAP: Clewell 1966, Isely 1955, Soper 1962 Ont
STATUS: Rare in Canada; possibly extirpated in Ontario (Soper 1962). Endangered in Wisconsin and New Hampshire (Read 1976, Hodgdon 1973).

Liatris aspera Michx. var. *intermedia* (Lunell)Gaiser
REFERENCE: CAN, Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: Grand Bend and Pt. Pelee
MAP: Gaiser 1951
STATUS: Rare in Canada.

Liatris spicata (L.)Willd.
REFERENCE: CAN, Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
MAP: Soper 1960 Ont
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976).

Limosella aquatica L.
REFERENCE: Reznicek 1975–76 and map
RANGE: Aka–NWT, BC–nOnt–PQ, Lab, local (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Hultén 1968, Pennell 1935
STATUS: Endangered in New Hampshire (Hodgdon 1973).

Linum lewisii Pursh ssp. *lepagei* (Boivin)Mosquin (*L. lepagei* Boivin, *L. perenne* L. ssp. *lepagei* (Boivin)Lepage)
REFERENCE: Moir 1958 and maps
RANGE: eNWT, nMan–nOnt
ONTARIO: Hudson and James Bays
MAP: Given & Soper 1976 Ont, Mosquin 1971

Linum lepagei = *L. lewisii* ssp. *lepagei*

Linum perenne ssp. *lepagei* = *L. lewisii* ssp. *lepagei*

Linum medium (Planch.)Britt. var. *texanum* (Planch.)Fern.
REFERENCE: Cruise 1969 and map
RANGE: swOnt (Fernald 1950)
MAP: Rogers 1963
STATUS: Rare in Canada.

Linum striatum Walt.
REFERENCE: Catling et al. 1977, Reznicek 1975–76
RANGE: sOnt (Fernald 1950)
MAP: Rogers 1963
STATUS: Rare in Canada.

Linum sulcatum Riddell
REFERENCE: Beschel et al. 1970 and map
RANGE: sMan–sOnt, local (Boivin 1967)
MAP: Rogers 1963, Rogers 1969
STATUS: Rare in Indiana (Barnes 1975).

Linum virginianum L.
REFERENCE: Kershaw 1976 and maps
RANGE: sOnt (Boivin 1967)
MAP: Rogers 1963, Rogers 1969
STATUS: Rare in Canada.

Liparis lilifolia (L.)L.C.Rich
REFERENCE: Andrews 1961, Catling & Whiting 1976, Kershaw 1976, Lafontaine 1974 and maps
RANGE: swOnt
ONTARIO: Komoka and Windsor
MAP: Case 1964 Great Lakes, Luer 1975, Soper 1960 Ont
STATUS: Rare in Canada; endangered in Ontario (Catling & Whiting 1976). Extremely rare in western New York (Clinton Herbarium 1974).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in Minnesota, Wisconsin, New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974).

Lippia lanceolata var. *recognita* = *Phyla lanceolata* var. *recognita*

Liriodendron tulipifera L.
REFERENCE: Cruise 1969, IBP–CT 1974, Kershaw 1976, Lafontaine 1974, Stewart & James 1969 and maps
RANGE: swOnt (Boivin 1967)
MAP: Fox & Soper 1952 Ont, Hosie 1969 Can, Little 1971, Maycock 1963
STATUS: Rare in Canada.

Listera australis Lindl.
REFERENCE: Greenwood 1962, Kershaw 1976, Lafontaine & White 1974, Whiting 1971, Whiting 1974 and maps
RANGE: sOnt, PQ, NS
MAP: Luer 1975, Soper 1960 Ont
STATUS: Rare in Canada. Threatened in Pennsylvania (Wherry 1975).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974)

Listera borealis Morong
REFERENCE: Lafontaine 1974 and maps
RANGE: Aka–NWT, BC–nOnt–Nfld
MAP: Given & Soper 1976 Ont, Luer 1975, Raup 1947, Soper 1960 Ont
STATUS: Rare in Canada.
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States.

Lithospermum incisum Lehm.
REFERENCE: Reznicek 1975–76
RANGE: BC–sOnt (Boivin 1967)
STATUS: Rare in Indiana (Barnes 1975).

Lithospermum latifolium Michx.
REFERENCE: Reznicek 1975–76
RANGE: Ont–sPQ (Boivin 1967)
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976).

Littorella americana Fern.
REFERENCE: CAN and map
RANGE: wOnt–Nfld.
MAP: Bassett 1973
STATUS: Threatened in Wisconsin (Read 1976). Rare in Minnesota and Michigan (Morley 1972, Wagner 1976).

Ludwigia alternifolia L.
REFERENCE: Kershaw 1976
RANGE: swOnt (Boivin 1967)
ONTARIO: Essex Co.
STATUS: Rare in Canada. Threatened in Michigan (Wagner 1976).

Ludwigia polycarpa Short & Peter
REFERENCE: Kershaw 1976
RANGE: swOnt (Boivin 1967)
MAP: Fernald 1918
STATUS: Rare in Canada. Threatened in Pennsylvania (Wherry 1975).

Lupinus perennis L.
REFERENCE: Cruise 1969, Kershaw 1976 and maps
RANGE: sOnt (Boivin 1967)
MAP: Dunn 1965, Phillips 1955, Soper 1960 Ont
STATUS: Rare in Canada.

Lythrum alatum Pursh
REFERENCE: CAN, Kershaw 1976
RANGE: BC, swOnt (Boivin 1967)
STATUS: Rare in Canada.

Magnolia acuminata L.
REFERENCE: Cruise 1969, IBP–CT 1974, Kershaw 1976, Lafontaine 1974, Stewart & James 1969 and maps
RANGE: swOnt (Boivin 1967)
ONTARIO: Norfolk Co. and Niagara region
MAP: Fox & Soper 1952 Ont, Hardin 1954, Hosie 1969 Can, Little 1971
STATUS: Rare in Canada. Rare in Indiana (Barnes 1975).

Malaxis paludosa (L.)Sw.
REFERENCE: Baldwin 1961, Catling & Whiting 1976, Kershaw 1976, Kershaw & Morton 1976, Lafontaine 1974 and maps
RANGE: Aka–NWT, BC–nwOnt, local
MAP: Case 1964 Great Lakes, Given & Soper 1976 Ont, Luer 1975, Soper 1960 Ont
STATUS: Rare in Canada.
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in Minnesota (McGaugh & Genoways 1976).

Melandrium apetalum (L.)Fenzl ssp. *arcticum* (E.Fries)Hult.
REFERENCE: Moir 1958 and maps
RANGE: Aka–NWT, BC–Alta, Man–nOnt–PQ
ONTARIO: Hudson and James Bays
MAP: Hultén 1968, Porsild 1964

Melica smithii (Porter)Vasey
REFERENCE: Kershaw 1976, Kershaw & Morton 1976 and maps
RANGE: BC–Alta, Ont (Boivin 1967)
ONTARIO: Great Lakes
MAP: Boyle 1945, Dore & McNeill 1976 Ont, Fernald 1935, Given & Soper 1976 Ont
STATUS: Endangered in Wisconsin (Read 1976).

Mertensia maritima (L.)S.F.Gray
REFERENCE: Moir 1958 and maps
RANGE: Aka–NWT, BC, Man–nOnt–PQ, NS–Lab (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Hultén 1958, Hultén 1968, Porsild 1964

Mertensia virginica (L.)Pers.
REFERENCE: Catling 1974, Cruise 1969, Kershaw 1976, Stewart & James 1969 and map
RANGE: sOnt–swPQ (Boivin 1967)
MAP: Soper 1976 Ont
STATUS: Rare in Canada. Threatened in Michigan (Wagner 1976).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976, Zander 1976).

Mikania scandens (L.)Willd.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt
ONTARIO: Malden
MAP: Soper 1962 Ont
STATUS: Rare in Canada; possibily extirpated in Ontario (Soper 1962). Rare in Indiana (Barnes 1975).

Mimulus alatus Ait.
REFERENCE: Kershaw 1976, Pratt 1974 and maps
RANGE: swOnt (Boivin 1967)
ONTARIO: Rondeau Prov. Pk. and Niagara region
MAP: Pennell 1935, Soper 1960 Ont
STATUS: Rare in Canada. Threatened in Michigan (Wagner 1976).

Mimulus glabratus HBK. var. *fremontii* (Benth.)Grant
REFERENCE: Kershaw 1976 and maps
RANGE: seSask–Ont–PQ (Boivin 1967, Rousseau et al. 1970)
ONTARIO: Cochrane Dist. and Toronto(extirpated)
MAP: Pennell 1935, Soper 1960 Ont
STATUS: Rare in Canada.

Mimulus moschatus Dougl.
REFERENCE: Maps
RANGE: BC, cOnt–Nfld (Boivin 1967)
MAP: Given & Soper 1976 Ont, Soper 1960 Ont

Minuartia rubella = *Arenaria rubella*

Monarda didyma L.
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt–swPQ (Boivin 1967)
MAP: McClintock & Epling 1942, Scora 1967, Zander 1976 Lake Erie
STATUS: Rare in Canada.
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976).

Montia fontana L.
REFERENCE: Reznicek 1975–76 and maps
RANGE: Aka–NWT, nOnt–PQ, NS–Lab, local (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Hultén 1968, Meusel et al. 1965

Morus rubra L.
REFERENCE: Cruise 1969, Kershaw 1976, Stewart & James 1969 and maps
RANGE: swOnt (Boivin 1967)
MAP: Fox & Soper 1953 Ont, Hosie 1969 Can, Soper 1960 Ont
STATUS: Rare in Canada. Rare in Minnesota and Michigan (Morley 1972, Wagner 1976).

Muhlenbergia racemosa (Michx.)BSP.
REFERENCE: Map
RANGE: BC–ncOnt (Boivin 1967)
ONTARIO: L. Superior and Lake of the Woods
MAP: Dore & McNeill 1976 Ont, Pohl 1969

Muhlenbergia schreberi J.F.Gmelin
REFERENCE: Kershaw 1976 and map
RANGE: sOnt (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Pohl 1969
STATUS: Rare in Canada; possibly alien (Dore & McNeill 1976). Rare in Michigan (Wagner 1976).

Muhlenbergia sylvatica Torr.
REFERENCE: Beschel et al. 1970, Kershaw 1976 and map
RANGE: swOnt–swPQ (Fernald 1950)
ONTARIO: Welland Co.
MAP: Dore & McNeill 1976 Ont, Pohl 1969
STATUS: Rare in Canada.

Muhlenbergia tenuiflora (Willd.)BSP.
REFERENCE: Beschel et al. 1970, Kershaw 1976 and maps
RANGE: sOnt–PQ (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Pohl 1969
STATUS: Rare in Canada.

Myosotis macrosperma Engelm.
REFERENCE: Campbell & Reznicek 1976, Reznicek 1975–76
RANGE: swOnt
MAP: Fernald 1941
STATUS: Rare in Canada.

Myosotis verna Nutt.
REFERENCE: Map
RANGE: BC, sOnt (Boivin 1967)
MAP: Catling et al. 1975 Ont
STATUS: Rare in Canada. Rare in Minnesota (Morley 1972).

Myosurus minimus L.
REFERENCE: Beschel et al. 1970 and maps
RANGE: BC–swOnt (Boivin 1967)
MAP: Meusel et al. 1965, Soper 1960 Ont

Myrica pensylvanica Loisel.
REFERENCE: IBP–CT 1974, Kershaw 1976 and maps
RANGE: swOnt, PQ–Nfld (Boivin 1967)
ONTARIO: Turkey Pt.
MAP: Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976, Zander 1976).

Myriophyllum farwellii Morong
REFERENCE: Brunton 1974–75, Reznicek 1975–76
RANGE: BC, nOnt–NB, NS (Boivin 1967, Ceska & Warrington 1976)
MAP: Voss 1965 Great Lakes
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976). Threatened in Michigan and Pennsylvania (Wagner 1976, Wherry 1975).

Myriophyllum humile (Raf.)Morong
REFERENCE: Reznicek 1975–76
RANGE: Ont–NS (Boivin 1967)

Najas gracillima (A.Br.)Magnus
REFERENCE: Kershaw 1976 and map
RANGE: eOnt, NS (Boivin 1967)
MAP: Clausen 1936, Meusel et al. 1965
STATUS: Rare in Canada. Extirpated in Ohio (Stuckey & Roberts 1976).

Najas guadalupensis (Spreng.)Magnus
REFERENCE: Beschel et al. 1970, Kershaw 1976
RANGE: Ont–swPQ (Boivin 1967)
MAP: Clausen 1936
STATUS: Rare in Canada. Rare in Indiana (Barnes 1975).

Nelumbo lutea (Willd.)Pers.
REFERENCE: Catling 1974, Cruise 1969, IBP–CT 1974, Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
MAP: Soper 1962 Ont
STATUS: Rare in Canada. Endangered in Michigan (Wagner 1976).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976, Zander 1976).

Nuphar advena = *N. luteum* ssp. *macrophyllum*

Nuphar luteum Sm. ssp. *macrophyllum* (Small)Beal (*N. advena* Ait.)
REFERENCE: Cruise 1969, Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
MAP: Beal 1956
STATUS: Rare in Canada.

Nyssa sylvatica Marsh.
REFERENCE: Cruise 1969, Kershaw 1976, Soper 1962, Stewart & James 1969 and maps
RANGE: sOnt (Boivin 1967)
MAP: Eyde 1963, Fox & Soper 1953 Ont, Hosie 1969 Can, Little 1971
STATUS: Rare in Canada.

Oenothera nuttallii Sweet
REFERENCE: CAN
RANGE: BC–ncOnt (Boivin 1967)
ONTARIO: L. Superior

Oenothera pilosella Raf.
REFERENCE: CAN, Kershaw 1976
RANGE: swOnt–swPQ (Boivin 1967)
STATUS: Rare in Canada.

Onosmodium molle Michx. var. *hispidissimum* (Mack.)Cronq.
REFERENCE: Beschel et al. 1970, Kershaw 1976, Stewart & James 1969
RANGE: sMan–swOnt (Boivin 1967)
STATUS: Threatened in Wisconsin (Read 1976). Rare in Indiana (Barnes 1975).

Oplopanax horridus (Sm.)Miq.
(*Echinopanax horridum* (Sm.)Decne.& Planch.)
REFERENCE: Kershaw 1976, Kershaw & Morton 1976 and maps
RANGE: Aka, BC–Alta, ncOnt
ONTARIO: L. Superior
MAP: Fernald 1925, Hultén 1968, Soper & Heimburger 1976 Ont
STATUS: Threatened in Michigan (Wagner 1976).

Opuntia compressa (Salisb.)Macbr.
(*O. humifusa* Raf.)
REFERENCE: Beschel 1967, CAN, Catling 1974, Kershaw 1976, Kershaw & Morton 1976
RANGE: swOnt (Boivin 1967)
ONTARIO: Pt. Pelee
STATUS: Rare in Canada.
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in New York (McGaugh & Genoways 1976, Zander 1976).

Opuntia fragilis (Nutt.)Haw.
REFERENCE: Beschel 1967, Beschel et al. 1970, Catling 1974
RANGE: BC–Man, Ont (Boivin 1967)
ONTARIO: Rainy R. Dist. and Lennox & Addington Co.
STATUS: Endangered in Michigan (Wagner 1976). Threatened in Wisconsin (Read 1976).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States.

Opuntia humifusa = *O. compressa*

Orobanche fasciculata Nutt.
REFERENCE: CAN
RANGE: YT, BC–Man, scOnt (Boivin 1967)
ONTARIO: Great Cloche Is.
STATUS: Endangered in Wisconsin (Read 1976). Threatened in Michigan (Wagner 1976). Rare in Indiana (Barnes 1975).

Osmorhiza chilensis H.& A.
REFERENCE: FON 1969 and maps
RANGE: Aka, BC–Sask, Ont–Nfld, local in east (Boivin 1967)
ONTARIO: Great Lakes
MAP: Constance & Shan 1948, Given & Soper 1976 Ont, Hultén 1968
STATUS: Threatened in Wisconsin (Read 1976).

Osmorhiza obtusa (Coult.& Rose)Fern.
REFERENCE: Maps
RANGE: Aka–NWT, BC–Man, ncOnt, PQ–Nfld
ONTARIO: L. Superior
MAP: Constance & Shan 1948, Hultén 1968
STATUS: Rare in Minnesota and Michigan (Morley 1972, Wagner 1976).

Oxypolis rigidior (L.)Coult.& Rose
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
MAP: Soper 1962 Ont
STATUS: Rare in Canada; possibily extirpated in Ontario (Soper 1962).

Oxytropis campestris (L.)DC. var. *johannensis* Fern.
(*O. johannensis* Fern.)
REFERENCE: Maps
RANGE: neOnt–Nfld
ONTARIO: James Bay
MAP: Barneby 1952, Raymond 1950b

Oxytropis deflexa (Pall.)DC. var. *foliolosa* (Hook.)Barneby
(*O. foliolosa* Hook.)
REFERENCE: Moir 1958 and maps
RANGE: Aka–NWT, BC–Alta, nOnt, PQ, Lab
ONTARIO: Hudson Bay
MAP: Barneby 1952, Hultén 1968, Porsild 1964

Oxytropis foliolosa = *O. deflexa* var. *foliolosa*

Oxytropis hudsonica = *O. viscida* var. *hudsonica*

Oxytropis ixodes = *O. viscida* var. *viscida*

Oxytropis johannensis = *O. campestris* var. *johannensis*

Oxytropis splendens Dougl.
REFERENCE: Maps
RANGE: Aka–NWT, Alta–Man, nOnt
ONTARIO: Hudson Bay and L. Superior
MAP: Barneby 1952, Given & Soper 1976 Ont, Hultén 1968

Oxytropis viscida Nutt. var. *hudsonica* (Greene)Barneby
(*O. hudsonica* (Greene)Fern.)
REFERENCE: Kershaw & Morton 1976, Moir 1958 and maps
RANGE: NWT, nOnt–PQ
ONTARIO: Hudson and James Bays
MAP: Barneby 1952, Porsild 1964, Raup 1947

Oxytropis viscida Nutt. var. *viscida*
(*O. ixodes* Butt.& Abbe)
REFERENCE: Kershaw 1976 and maps
RANGE: Aka–NWT, BC–Alta, ncOnt
ONTARIO: L. Superior
MAP: Barneby 1952, Given & Soper 1976 Ont

Panax quinquefolius L.
REFERENCE: Beschel et al. 1970, IBP–CT 1974, Kershaw 1976, Kershaw & Morton 1976 and map
RANGE: sOnt–PQ (Boivin 1967)
MAP: Argus 1976
STATUS: Rare in Canada. Endangered in Michigan, Illinois and New Hampshire (Wagner 1976, Paulson & Schwegman 1976, Hodgdon 1973). Endangered in Michigan (Wagner 1976). Rare in Minnesota (Morley 1972).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in New York (McGaugh & Genoways 1976, Zander 1976).

Panicum agrostoides = *P. rigidulum*

Panicum bicknellii Nash
REFERENCE: Beschel et al. 1970, Reznicek 1975–76 and map
RANGE: sOnt–PQ (Fernald 1950)
ONTARIO: Waterloo Co. and Leeds Co.
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US
STATUS: Rare in Indiana (Barnes 1975).

Panicum calliphyllum Ashe
REFERENCE: Dore & McNeill 1976
RANGE: Ont
MAP: Hitchcock & Chase 1910 US
STATUS: Rare in Canada. Threatened in Pennsylvania (Wherry 1975).

Panicum clandestinum L.
(*P. latifolium* L. var. *clandestinum* (L.)Pursh)
REFERENCE: Map
RANGE: swOnt–PQ, NS (Boivin 1967)
ONTARIO: Norfolk Co.
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US

Panicum columbianum Scribn. var. *commonsianum* (Ashe)Dore
(*P. commonsianum* Ashe)
REFERENCE: Kershaw 1976 and map
RANGE: swOnt
ONTARIO: Middlesex Co. and Elgin Co.
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US
STATUS: Rare in Canada; possibly alien (Dore & McNeill 1976).

Panicum commonsianum = *P. columbianum* var. *commonsianum*

Panicum depauperatum Muhl.
REFERENCE: Map
RANGE: Man–Ont–NS (Boivin 1967)
ONTARIO: L. Superior and sOnt
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US

Panicum depauperatum var. *perlongum* = *P. perlongum*

Panicum dichotomum L.
REFERENCE: Beschel et al. 1970, Kershaw 1976 and map
RANGE: sOnt (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US
STATUS: Rare in Canada.

Panicum gattingeri Nash
REFERENCE: Kershaw 1976 and map
RANGE: swOnt–swPQ (Fernald 1950)
ONTARIO: Middlesex Co
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US
STATUS: Rare in Canada; possibly alien (Dore & McNeill 1976).

Panicum lanuginosum Elliott var. *praecocius* (Hitchc.& Chase)Dore
(*P. praecocius* Hitchc.& Chase)
REFERENCE: Map
RANGE: swOnt (Fernald 1950)
ONTARIO: Lambton Co. to Essex Co.
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US
STATUS: Rare in Canada.

Panicum latifolium var. *clandestinum* = *P. clandestinum*

Panicum leibergii (Vasey)Scribn. var. *baldwinii* Lepage
REFERENCE: Map
RANGE: w&neOnt (Boivin 1967)
MAP: Dore & McNeill 1976 Ont
STATUS: Rare in Canada.

Panicum leibergii (Vasey)Scribn. var. *leibergii*
REFERENCE: Map
RANGE: Alta–swOnt (Boivin 1967)
ONTARIO: L. St. Clair
MAP: Dore & McNeill 1976 Ont
STATUS: Threatened in Pennsylvania (Wherry 1975).

Panicum oligosanthes Schult.
REFERENCE: Map
RANGE: BC–sOnt (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US

Panicum perlongum Nash
(*P. depauperatum* Muhl. var. *perlongum* (Nash)Boivin)
REFERENCE: Kershaw 1976 and map
RANGE: Man–w&sOnt (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US

Panicum philadelphicum Bernh.
REFERENCE: Map
RANGE: eOnt–swPQ (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US

Panicum praecocius = *P. lanuginosum* var. *praecocius*

Panicum rigidulum Bosc.
(*P. agrostoides* Spreng.)
REFERENCE: Catling et al. 1977, Reznicek 1975–76 and map
RANGE: BC, sOnt (Hitchcock et al. 1955–69)
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US
STATUS: Rare in Canada; possibly alien (Dore & McNeill 1976).

Panicum sphaerocarpon Ell.
REFERENCE: Catling et al. 1977, Kershaw 1976 and map
RANGE: sOnt
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US
STATUS: Rare in Canada.

Panicum spretum Schultes
REFERENCE: Catling et al. 1977, Dore & McNeill 1976
RANGE: sOnt, sNS (Bolvin 1967)
ONTARIO: Simcoe Co. and Muskoka Dist.
MAP: Hitchcock & Chase 1950 US

Panicum subvillosum Ashe
REFERENCE: Beschel et al. 1970, Dore & McNeill 1976
RANGE: Sask–PQ (Fernald 1950)
MAP: Hitchcock & Chase 1950 US
STATUS: Rare in Indiana (Barnes 1975).

Parnassia kotzebuei Cham.
REFERENCE: Maps
RANGE: Aka–NWT, BC–Man, neOnt, PQ–Lab (Boivin 1967)
ONTARIO: James Bay
MAP: Hultén 1968, Porsild 1964, Raup 1947

Paronychia canadensis (L.)Wood
REFERENCE: Cody 1970, Cruise 1969 and map
RANGE: swOnt (Boivin 1967)
MAP: Core 1941
STATUS: Rare in Canada; possibly extirpated in Ontario (Cody 1970). Rare in Minnesota (Morley 1972).

Paspalum ciliatifolium Michx.
REFERENCE: Dore & McNeill 1976, Reznicek 1975–76
RANGE: swOnt
ONTARIO: Kent Co. and Essex Co.
MAP: Hitchcock & Chase 1950 US
STATUS: Rare in Canada.

Pedicularis flammea L.
REFERENCE: Moir 1958 and maps
RANGE: NWT, Man–nOnt–PQ, Nfld–Lab (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Hultén 1958, Hultén 1968, Porsild 1964

Pedicularis lanceolata Michx.
REFERENCE: Stewart & James 1969 and map
RANGE: sMan–Ont (Boivin 1967)
MAP: Pennell 1935

Pedicularis lapponica L.
REFERENCE: Moir 1958 and maps
RANGE: Aka–NWT, Man–nOnt–PQ, Lab (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Hultén 1968, Hultén 1971, Porsild 1964

Pedicularis sudetica Willd. ssp. *interioides* Hult.
REFERENCE: Moir 1958 and maps
RANGE: Aka–NWT, Man–nOnt–PQ
ONTARIO: Hudson and James Bays
MAP: Hultén 1968, Hultén 1971

Pellaea atropurpurea (L.)Link
REFERENCE: Beschel et al. 1970, FON 1969, IBP–CT 1974, and maps
RANGE: BC–Alta, Sask, s&eOnt–PQ
MAP: Brunton & Lafontaine 1974b Ont–PQ, Rigby & Britton 1970 Can, Soper 1963 Ont, Tryon 1957, Tryon 1972
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976). Threatened in Michigan (Wagner 1976). Extremely rare in western New York (Clinton Herbarium 1974). Rare in Minnesota (Morley 1972).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976).

Peltandra virginica (L.)Schott & Endl.
REFERENCE: Kershaw 1976, Laking 1951 and map
RANGE: swOnt–swPQ (Boivin 1967)
ONTARIO: Oxford Co., Norfolk Co. and Niagara region
MAP: Soper 1962 Ont
STATUS: Rare in Canada.

Penstemon gracilis Nutt.
REFERENCE: Reznicek 1975–76 and map
RANGE: BC–wOnt (Boivin 1967)
MAP: Pennell 1935

Petalostemum candidum (Willd.)Michx.
REFERENCE: Reznicek 1975–76
RANGE: sAlta–wOnt (Boivin 1967)

Petalostemum purpureum (Vent.)Rydb.
REFERENCE: Reznicek 1975–76
RANGE: sAlta–Ont (Boivin 1967)
STATUS: Endangered in Michigan (Wagner 1976).

Phacelia franklinii (R.Br.)Gray
REFERENCE: Reznicek 1975–76 and maps
RANGE: Aka–NWT, BC, Alta, Sask–Man, ncOnt, local
ONTARIO: L. Superior
MAP: Gillett 1960, Given & Soper 1976 Ont, Hultén 1968, Porsild 1966

Phegopteris hexagonoptera (Michx.)Fée
(*Dryopteris hexagonoptera* Michx., *Thelypteris hexagonoptera* (Michx.)Weath.)
REFERENCE: Britton 1976, Cruise 1969, IBP–CT 1974, Kershaw 1976, Lafontaine 1974, Stewart & James 1969 and map
RANGE: sOnt–swPQ (Boivin 1967)
MAP: Hultén 1964
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976). Rare in Minnesota (Morley 1972).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976).

Phleum alpinum L.
(*P. commutatum* Gaud.)
REFERENCE: Kershaw 1976, Kershaw & Morton 1976 and maps
RANGE: Aka–NWT, BC–Sask, nOnt–PQ, NS, Nfld–Lab (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Dore & McNeill 1976 Ont, Hultén 1968

Phleum commutatum = *P. alpinum*

Phlox pilosa L.
REFERENCE: Kershaw 1976
RANGE: swOnt (Boivin 1967)
MAP: Levin & Smith 1966, Wherry 1955
STATUS: Rare in Canada.

Phlox subulata L.
REFERENCE: Map
RANGE: swOnt (Boivin 1967)
MAP: Wherry 1955
STATUS: Rare in Canada.

Phyla lancolata (Michx.)Greene var. *recognita* (Fern.& Griscom)Soper
(*Lippia lanceolata* Michx. var. *recognita* Fern.& Grisc.)
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: L. St. Clair and Essex Co.
MAP: Soper 1962 Ont
STATUS: Rare in Canada.

Phyllitis scolopendrium (L.)Newm. var. *americana* Fern.
REFERENCE: Catling 1974, Faust 1969, FON 1969, Kershaw 1976, Kershaw & Morton 1976, Lafontaine 1974, Löve & Löve 1973 and maps
RANGE: sOnt
ONTARIO: Niagara region and Bruce Pen.
MAP: Fernald 1935, Hultén 1964, Soper 1954 Ont
STATUS: Rare in Canada. Endangered in the United States (Smithsonian Institution 1975, United States 1976). Endangered in Michigan (Wagner 1976). Extremely rare in western New York (Clinton Herbarium 1974).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976).

Pinus rigida Mill.
REFERENCE: Beschel et al. 1970, IBP–CT 1974, Kershaw 1976, Lafontaine 1974 and maps
RANGE: seOnt–swPQ
ONTARIO: Leeds Co.
MAP: Hosie 1969 Can, Little 1971, Smouse & Saylor 1973, Soper 1960 Ont, VanderKloet 1973 Ont
STATUS: Rare in Canada.

Piperia unalascensis (Spreng.)Rydb.
(*Habenaria unalascensis* (Spreng.)Wats.)
REFERENCE: FON 1969 and maps
RANGE: Aka–YT, BC–Alta, scOnt, PQ
ONTARIO: Bruce Pen. and Manitoulin I.
MAP: Case 1964 Great Lakes, Fernald 1925, Given & Soper 1976 Ont, Luer 1975, Soper 1960 Ont
STATUS: Threatened in Michigan (Wagner 1976).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States.

Plantago cordata Lam.
REFERENCE: Kershaw 1976 and maps
RANGE: sOnt (Boivin 1967)
MAP: Bassett 1967, Bassett 1973, Tessene 1969
STATUS: Rare in Canada. Extirpated in Michigan (Wagner 1976). Rare in Wisconsin and Indiana (Read 1976, Barnes 1975).

Plantago maritima L.
REFERENCE: Moir 1958 and map
RANGE: Aka, BC, Man–nOnt–Lab
ONTARIO: Hudson and James Bays
MAP: Bassett 1973

Platanthera blephariglottis (Willd.)Lindl.
(*Habenaria blephariglottis*(Willd.)Hook.)
REFERENCE: Catling 1974, Lafontaine & White 1974 and maps
RANGE: sOnt–Nfld
MAP: Case 1964 Great Lakes, Correll 1941, Luer 1975, Soper 1960 Ont
STATUS: Extirpated in Illinois (Paulson & Schwegman 1976). Endangered in New Hampshire (Hodgdon 1973).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974)

Platanthera ciliaris (L.)Lindl.
(*Habenaria ciliaris* (L.)R.Br.)
REFERENCE: Brunton 1974–75, Catling & Whiting 1976, Kershaw 1976 and maps
RANGE: swOnt
ONTARIO: Essex Co. and Walpole Is.
MAP: Case 1964 Great Lakes, Luer 1975, Soper 1960 Ont
STATUS: Rare and possibly extirpated in Canada (Brunton 1974–75, Catling & Whiting 1976). Threatened in Michigan (Wagner 1976).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974)

Platanthera flava (L.)Lindl. var. *herbiola* (R.Br.)Luer
(*Habenaria flava* (L.)R.Br. var. *herbiola* (R.Br.)Ames & Correll
REFERENCE: Beschel et al. 1970, Brunton 1974–75 and maps
RANGE: sOnt–NS
MAP: Ayensu 1975 US, Case 1964 Great Lakes, Luer 1975, Soper 1960 Ont
STATUS: Rare in Canada. Threatened in the United States (Ayensu 1975, Smithsonian Institution 1975). Endangered in Illinois (Paulson & Schwegman 1976). Threatened in Wisconsin (Read 1976). Rare in Michigan (Wagner 1976).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in Minnesota, Wisconsin, New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974).

Platanthera leucophaea (Nutt.)Lindl.
(*Habenaria leucophaea* (Nutt.)Gray)
REFERENCE: Beschel et al. 1970, Catling 1974, FON 1969, IBP–CT 1974, Kershaw 1976, Kershaw & Morton 1976 and maps
RANGE: sOnt–NB, NS (Boivin 1967)
MAP: Ayensu 1975 US, Case 1964 Great Lakes, Luer 1975, Soper 1960.
STATUS: Rare in Canada. Threatened in the United States (Ayensu 1975, Smithsonian Institution 1975). Endangered in Wisconsin and Illinois (Read 1976, Paulson & Schwegman 1976). Threatened in Michigan (Wagner 1976).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in Minnesota, Wisconsin and New York (McGaugh & Genoways 1976).

Poa alpigena (Fries)Lindm.
(*P. pratensis* L. var. *alpigena* Fries)
REFERENCE: Reznicek 1975–76 and maps
RANGE: Aka–NWT, BC, Sask–nOnt–Lab
ONTARIO: Hudson and James Bays
MAP: Dore & McNeill 1976 Ont, Hultén 1964, Hultén 1968, Porsild 1964

Poa arctica R.Br.
REFERENCE: Maps
RANGE: Aka–NWT, BC–Alta, Man–nOnt–PQ, Nfld–Lab (Boivin 1967)
ONTARIO: Hudson Bay
MAP: Dore & McNeill 1976 Ont, Hultén 1968, Porsild 1964

Poa canbyi (Scribn.)Howell
REFERENCE: Dore & McNeill 1976, Kershaw 1976, Kershaw & Morton 1976 and maps
RANGE: Aka, BC–Man, ncOnt, PQ
ONTARIO: L. Superior
MAP: Hultén 1968, Porsild 1966

Poa interior Rydb.
(*P. nemoralis* var. *interior* (Rydb.)Butt.& Abbe)
REFERENCE: Maps
RANGE: BC–nOnt–PQ (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Ramaley 1939

Poa nemoralis var. *interior* = *P. interior*

Poa pratensis var. *alpigena* = *P. alpigena*

Podostemum ceratophyllum Michx.
REFERENCE: Brunton 1974–75 and map
RANGE: eOnt–NB (Boivin 1967)
MAP: Raymond 1950b

Polanisia dodecandra (L.)DC.
(*P. graveolens* Raf.)
REFERENCE: Beschel et al. 1970, Cruise 1969, Kershaw 1976 and map
RANGE: Sask–sOnt–swPQ (Boivin 1967)
MAP: Iltis 1958

Polanisia graveolens = *P. dodecandra*

Polygala incarnata L.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
MAP: Fernald 1937
STATUS: Rare in Canada. Extirpated in Pennsylvania (Wherry 1975). Endangered in Wisconsin (Read 1976).

Polygonatum biflorum (Walt.)Ell.
(*P. canaliculatum* (Muhl.)Pursh)
REFERENCE: Beschel et al. 1970, Cruise 1969, Kershaw 1976 and map
RANGE: seSask–sOnt (Boivin 1967)
MAP: Cruise & Haber 1972 Ont, Ownbey 1944
STATUS: Rare in Canada.

Polygonatum canaliculatum = *P. biflorum*

Polygonella articulata (L.)Meisn.
REFERENCE: Brunton 1974–75, Kershaw 1976 and map
RANGE: Ont–swPQ (Boivin 1967)
MAP: Horton 1963, Soper 1960 Ont
STATUS: Rare in Canada. Rare in Indiana (Barnes 1975).

Polygonum careyi Olney
REFERENCE: Brunton 1974–75, CAN, Catling et al. 1977, Cruise 1969
RANGE: cOnt–NB (Boivin 1967)
STATUS: Threatened in Michigan (Wagner 1976). Rare in Indiana (Barnes 1975).

Polygonum ramosissimum Michx.
REFERENCE: Reznicek 1975–76
RANGE: BC–NS (Boivin 1967)
STATUS: Rare in Minnesota (Morley 1972).

Polygonum tenue Michx.
REFERENCE: Cruise 1969, Kershaw 1976
RANGE: swOnt (Boivin 1967)
STATUS: Rare in Canada.

Polymnia canadensis L.
REFERENCE: Kershaw 1976 and map
RANGE: sOnt (Boivin 1967)
MAP: Soper 1962 Ont, Wells 1969
STATUS: Rare in Canada.

Polystichum braunii (Spenner)Fée var. *purshii* Fern.
REFERENCE: Britton 1976, Catling 1974 and map
RANGE: ncOnt–Nfld (Fernald 1950)
ONTARIO: L. Superior
MAP: Hultén 1964, Soper 1977 Ont
STATUS: Endangered in Wisconsin (Read 1976).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974)

Polystichum lonchitis (L.)Roth
REFERENCE: Britton 1976, Catling 1974 and maps
RANGE: Aka–YT, BC–Alta, Ont, PQ–Nfld, local (Boivin 1967)
MAP: Fernald 1935, Given & Soper 1976 Ont, Hultén 1958, Roland 1941, Soper 1954 Ont
STATUS: Extremely rare in western New York (Clinton Herbarium 1974).

Potamogeton bicupulatus Fern.
(*P. capillaceus* auct.)
REFERENCE: Kershaw 1976, Reznicek 1975–76, Soper 1975–76 and map
RANGE: scOnt
ONTARIO: eGeorgian Bay
MAP: Reznicek & Bobbette 1976
STATUS: Rare in Canada.

Potamogeton capillaceus = *P. bicupulatus*

Potamogeton confervoides Reichenb.
REFERENCE: Brunton 1974–75, Reznicek 1975–76, Soper 1975–76
RANGE: Ont–NB, NS–Lab (Boivin 1967)
MAP: Fernald 1932
STATUS: Extirpated in Wisconsin (Read 1976). Threatened in Michigan (Wagner 1976).

Potamogeton hillii Morong.
REFERENCE: Dale 1976, Kershaw 1976 and map
RANGE: swOnt
ONTARIO: St. Thomas
MAP: Fernald 1932, Haynes 1974
STATUS: Rare in Canada. Threatened in the United States (Smithsonian Institution 1975). Extirpated in Ohio (Stuckey & Roberts 1976). Threatened in Michigan and Pennsylvania (Wagner 1976, Wherry 1975).

Potamogeton oakesianus Robbins
REFERENCE: Brunton 1974–75, Cruise 1969, Reznicek 1975–76 and map
RANGE: Ont–Lab (Boivin 1967)
MAP: Meusel et al. 1965, Ogden 1943

Potamogeton perfoliatus L. var. *perfoliatus*
REFERENCE: Reznicek 1975–76 and map
RANGE: cOnt–NS (Boivin 1967)
MAP: Hultén 1964, Ogden 1943

Potamogeton pulcher Tuck.
REFERENCE: Kershaw 1976, Reznicek 1975–76
RANGE: swOnt, NS (Boivin 1967)
MAP: Ogden 1943
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976). Threatened in Michigan and Pennsylvania (Wagner 1976, Wherry 1975). Rare in Indiana and Ohio (Barnes 1975, Stuckey & Roberts 1976).

Potamogeton vaseyi Robbins
REFERENCE: Beschel et al. 1970, Reznicek 1975–76 and map
RANGE: Ont–NB (Boivin 1967)
MAP: Fernald 1932
STATUS: Threatened in Wisconsin, Michigan and Pennsylvania (Read 1976, Wagner 1976, Wherry 1975).

Potentilla gracilis Dougl.
REFERENCE: Maps
RANGE: Aka–YT, BC–nOnt–PQ, local (Boivin 1967)
ONTARIO: L. Superior and Timiskaming Dist.
MAP: Given & Soper 1976 Ont, Hultén 1968

Potentilla hippiana Lehm.
REFERENCE: Map
RANGE: Aka, BC–wOnt, PQ (Boivin 1967)
MAP: Hultén 1968

Potentilla paradoxa Nutt.
REFERENCE: Beschel et al. 1970, Cruise 1969
RANGE: seBC–Ont (Boivin 1967)
STATUS: Threatened in Pennsylvania (Wherry 1975).

Potentilla pensylvanica L.
REFERENCE: Brunton 1974–75, and map
RANGE: Aka–NWT, BC–nOnt–PQ (Boivin 1967)
MAP: Given & Soper 1976 Ont, Hultén 1968

Potentilla pulchella R.Br.
REFERENCE: Moir 1958 and maps
RANGE: Aka–NWT, Man, nOnt–PQ
ONTARIO: Hudson and James Bays
MAP: Hultén 1958, Hultén 1968, Porsild 1964

Potentilla rivalis Nutt.
REFERENCE: Brayshaw 1964
RANGE: BC–wOnt (Boivin 1967)

Primula intercedens Fern.
REFERENCE: FON 1969, Krotkov 1940
RANGE: scOnt (Boivin 1967)
ONTARIO: Manitoulin I., L. Nipissing and Bruce Pen.
STATUS: Rare in Canada.

Prunus americana Marsh.
REFERENCE: Maps
RANGE: seSask–swOnt (Boivin 1967)
MAP: Groh & Senn 1940 Ont–PQ, Hosie 1969 Can, Soper & Heimburger 1976 Ont
STATUS: Rare in Canada.

Ptelea trifoliata L.
REFERENCE: Kershaw 1976, Lafontaine 1974 and maps
RANGE: swOnt–swPQ (Boivin 1967)
MAP: Bailey et al. 1970, Fox & Soper 1952 Ont, Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976).

Pterospora andromeda Nutt.
REFERENCE: Beschel et al. 1970, Cruise 1969, FON 1969 and maps
RANGE: BC–Sask, sOnt–PQ, PEI, local in east
MAP: Bakshi 1959, Gillett 1972 Ont–PQ
STATUS: Endangered in Wisconsin and New Hampshire (Read 1976, Hodgdon 1973). Threatened in Michigan (Wagner 1976). Extremely rare in western New York (Clinton Herbarium 1974).

Puccinellia lucida Fern.& Weath.
REFERENCE: CAN and map
RANGE: BC, Man–neOnt–NB (Fernald 1950)
ONTARIO: James Bay
MAP: Dore & McNeill 1976 Ont

Puccinellia nuttalliana (Schult.)Hitchc.
REFERENCE: Kershaw 1976, Kershaw & Morton 1976 and maps
RANGE: Aka–NWT, BC–Man, ncOnt (Boivin 1967)
ONTARIO: Lake of the Woods and Thunder Bay Dist.
MAP: Dore & McNeill 1976 Ont, Hultén 1968

Pycnanthemum incanum (L.)Michx.
REFERENCE: Kershaw 1976
RANGE: swOnt (Boivin 1967)
ONTARIO: Hamilton
MAP: Grant & Epling 1943
STATUS: Rare and possibly extirpated in Canada. Extremely rare in western New York (Clinton Herbarium 1974).

Pycnanthemum pilosum Nutt.
REFERENCE: Kershaw 1976, Pratt 1974 and map
RANGE: swOnt (Boivin 1967)
MAP: Grant & Epling 1943
STATUS: Rare in Canada.

Pycnanthemum tenuifolium Schrader
REFERENCE: Kershaw 1976
RANGE: sOnt–swPQ (Boivin 1967)
STATUS: Rare in Canada.

Pyrola grandiflora Rad.
REFERENCE: Maps
RANGE: Aka–NWT, BC, Man–nOnt–PQ, Lab
ONTARIO: Hudson and James Bays
MAP: Given & Soper 1976 Ont, Hultén 1958, Hultén 1968, Porsild 1964, Young 1971

Quercus bicolor Willd.
REFERENCE: Kershaw 1976 and maps
RANGE: sOnt–swPQ (Boivin 1967)
MAP: Fox & Soper 1954 Ont, Hosie 1969 Can, Little 1971, Soper 1960 Ont
STATUS: Rare in Canada.

Quercus ellipsoidalis E.J.Hill
REFERENCE: Maycock 1976 and map
RANGE: nwOnt
MAP: Little 1971, Wadmond 1933
STATUS: Rare in Canada. Rare in Indiana (Barnes 1975).

Quercus muehlenbergii Engelm.
REFERENCE: IBP-CT 1974, Kershaw 1976 and maps
RANGE: sOnt (Boivin 1967)
MAP: Fox & Soper 1954 Ont, Hosie 1969 Can, Little 1971, Soper 1960 Ont
STATUS: Rare in Canada. Rare in Minnesota (Morley 1972).

Quercus palustris Muenchh.
REFERENCE: Kershaw 1976, Stewart & James 1969 and maps
RANGE: swOnt (Boivin 1967)
MAP: Fox & Soper 1954 Ont, Hosie 1969 Can, Little 1971, Soper 1960 Ont
STATUS: Rare in Canada.

Quercus prinoides Willd.
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
MAP: Fox & Soper 1954 Ont, Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont
STATUS: Rare in Canada. Rare in Indiana (Barnes 1975).

Quercus prinus L.
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
MAP: Fox & Soper 1954 Ont, Hosie 1969 Can, Little 1971
STATUS: Rare in Canada.

Ranunculus fascicularis Muhl.
REFERENCE: Brunton 1974-75, IBP-CT 1974
RANGE: seMan-sOnt (Boivin 1967)
STATUS: Rare in Canada. Endangered in New Hampshire (Hodgdon 1973).

Ranunculus hispidus Michx. var. *marilandicus* (Poir.)Benson
REFERENCE: Beschel et al. 1970, Cruise 1969, IBP-CT 1974, Kershaw 1976
RANGE: swOnt (Boivin 1967)
STATUS: Rare in Canada.

Ranunculus pallasii Schlecht.
REFERENCE: Maps
RANGE: Aka-NWT, Man-nOnt-PQ, Lab
ONTARIO: Hudson and James Bays
MAP: Hultén 1968, Hultén 1971, Porsild 1964

Ranunculus pedatifidus Sm. ssp. *affinis* (R.Br.)Hult.
REFERENCE: Moir 1958 and maps
RANGE: Aka-NWT, BC-Alta, Sask, Man-nOnt-PQ, Nfld-Lab
ONTARIO: Hudson and James Bays
MAP: Hultén 1968, Hultén 1971

Ranunculus rhomboideus Goldie
REFERENCE: Beschel et al. 1970, Cruise 1969, Reznicek 1975-76
RANGE: BC-Ont, local (Boivin 1967)

Ratibida columnifera (Nutt.)Woot.& Standl.
REFERENCE: Maps
RANGE: seBC-Ont (Boivin 1967)
MAP: Richards 1968, Soper 1976 Ont
STATUS: Rare in Indiana (Barnes 1975).

Ratibida pinnata (Vent.) Barnh.
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
MAP: Richards 1968, Soper 1960 Ont
STATUS: Rare in Canada.

Rhexia virginica L.
REFERENCE: Brunton 1974-75, Catling et al. 1977 and maps
RANGE: sOnt, wNS (Boivin 1967)
ONTARIO: eGeorgian Bay to Algonquin Prov. Pk.
MAP: James 1956, Kral & Bostich 1969, Soper 1956 Ont
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976). Rare in Michigan (Wagner 1976).

Rhinanthus borealis (Sterneck)Chabert
REFERENCE: Moir 1958
RANGE: nOnt, PQ, Nfld (Fernald 1950)
ONTARIO: Hudson Bay

Rhododendron lapponicum Wahl.
REFERENCE: Moir 1958 and maps
RANGE: Aka-NWT, BC, Alta, Man-nOnt-PQ, Nfld-Lab
ONTARIO: Hudson and James Bays
MAP: Gillett 1971, Given & Soper 1976 Ont, Hultén 1958, Hultén 1968, Porsild 1964

Rhus copallina L.
REFERENCE: Cruise 1969, IBP-CT 1974, Kershaw 1976 and maps
RANGE: sOnt (Boivin 1967)
MAP: Barkley 1937, Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont, VanderKloet 1968 Ont-NY
STATUS: Rare in Canada. Threatened in Pennsylvania (Wherry 1975).

Rhynchospora capitellata (Michx.)Vahl
REFERENCE: Beschel et al. 1970, Catling et al. 1977, IBP-CT 1974, Reznicek 1975-76 and maps
RANGE: sOnt-NB, NS (Boivin 1967)
MAP: Gale 1944, Wood 1970, Wood 1972

Rosa setigera Michx.
REFERENCE: CAN, Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: Essex Co.
MAP: Soper & Heimburger 1976 Ont
STATUS: Rare in Canada.

Sabatia angularis (L.)Pursh
REFERENCE: DAO, Gillett 1963, Kershaw 1976
RANGE: swOnt
MAP: Wilbur 1955
STATUS: Rare in Canada. Threatened in Michigan (Wagner 1976).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976).

Sagina procumbens L.
REFERENCE: Beschel et al. 1970
RANGE: BC, Ont–NS, Nfld–Lab (Boivin 1967)
MAP: Meusel et al. 1965

Sagittaria engelmanniana J.G.Smith var. *brevirostra* (Mack.& Bush)Bogin
REFERENCE: Reznicek 1975–76
RANGE: swOnt (Boivin 1967)
MAP: Bogin 1955
STATUS: Rare in Canada.

Sagittaria graminea Michx. var. *cristata* (Engelm.)Bogin
REFERENCE: Kershaw 1976 and map
RANGE: scOnt (Boivin 1967)
ONTARIO: Manitoulin Is. and Bruce Pen.
MAP: Bogin 1955
STATUS: Rare in Canada. Rare in Minnesota (Morley 1972).

Salicornia europaea L.
REFERENCE: Reznicek 1975–76 and maps
RANGE: Aka–YT, BC–Man, neOnt–Nfld, local
ONTARIO: James Bay
MAP: Hultén 1968, Hultén 1971

Salix arctica Pall.
REFERENCE: Argus 1974–76, Moir 1958 and maps
RANGE: Aka–NWT, BC–Alta, Man, nOnt–PQ, Nfld–Lab
ONTARIO: Hudson and James Bays
MAP: Hultén 1971, Porsild 1964, Soper & Heimburger 1976 Ont

Salix arctophila Cock.
REFERENCE: Argus 1974–76, Moir 1958 and maps
RANGE: Aka–NWT, Sask–Man, nOnt–PQ, Nfld–Lab
ONTARIO: Hudson and James Bays
MAP: Hultén 1968, Porsild 1964, Soper & Heimburger 1976 Ont

Salix brachycarpa Nutt. ssp. *brachycarpa*
REFERENCE: Argus 1974–76, Moir 1958 and maps
RANGE: BC–Sask, Man–nOnt–nPQ
ONTARIO: Hudson and James Bays
MAP: Argus 1965, Raup 1943 eCan, Soper & Heimburger 1976 Ont

Salix calcicola = *S. lanata* ssp. *calcicola*

Salix lanata L. ssp. *calcicola* (Fern.& Wieg.)Hult.
(*S. calcicola* Fern.& Wieg.)
REFERENCE: Argus 1974–76, Moir 1958 and maps
RANGE: NWT, Man–nOnt–nPQ, Nfld–Lab
ONTARIO: Hudson and James Bays
MAP: Hultén 1971, Porsild 1964, Soper & Heimburger 1976 Ont

Salix maccalliana Rowlee
REFERENCE: Argus 1974–76 and maps
RANGE: NWT, BC–nOnt–PQ (Boivin 1967)
MAP: Raup 1959, Soper & Heimburger 1976 Ont

Salix reticulata L.
REFERENCE: Argus 1974–76, Moir 1958 and maps
RANGE: Aka–NWT, BC, Sask–nOnt–PQ, Nfld–Lab (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Hultén 1968, Hultén 1971, Porsild 1964, Soper & Heimburger 1976 Ont

Salix sericea Marsh.
REFERENCE: Argus 1974–76 and map
RANGE: swOnt–NB, NS (Boivin 1967)
ONTARIO: Pt. Pelee
MAP: Soper & Heimburger 1976 Ont
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976).

Salix vestita Pursh
REFERENCE: Argus 1974–76, Moir 1958 and map
RANGE: NWT, BC–Alta, Man–nOnt–PQ, Nfld–Lab (Boivin 1967)
ONTARIO: Hudson Bay
MAP: Raup 1943 eCan, Raup 1959, Soper & Heimburger 1976 Ont

Sanicula canadensis L.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
MAP: Shan & Constance 1951
STATUS: Rare in Canada.

Satureja arkansana = *S. glabella* var. *angustifolia*

Satureja glabella (Michx.)Briq. var. *angustifolia* (Torr.)Svens.
(*S. arkansana* (Nutt.)Briq.)
REFERENCE: Cruise 1969, FON 1969
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada. Endangered in Wisconsin (Read 1976).

Saxifraga aizoides L.
REFERENCE: Soper & Maycock 1963 and maps
RANGE: YT–NWT, BC–Alta, Man–nOnt–PQ, NS–Lab (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Given & Soper 1976 Ont, Hultén 1958, Porsild 1964, Raup 1947

Saxifraga caespitosa L.
REFERENCE: Moir 1958 and maps
RANGE: Aka–NWT, BC–Alta, Man–nOnt–PQ, Nfld–Lab (Boivin 1967)
ONTARIO: Hudson Bay
MAP: Hultén 1958, Hultén 1968

Saxifraga cernua L.
REFERENCE: CAN, Kershaw 1976, Kershaw & Morton 1976, Moir 1958
RANGE: Aka, BC–Alta, nwOnt, PQ, Lab (Boivin 1967)
ONTARIO: Hudson Bay
MAP: Porsild 1964
STATUS: Endangered in New Hampshire (Hodgdon 1973).

Saxifraga pensylvanica L.
REFERENCE: DAO, Kershaw 1976, Looman 1973
RANGE: Man–Ont (Boivin 1967)
MAP: Burns 1942
STATUS: Rare in Canada.

Scirpus clintonii Gray
REFERENCE: Reznicek 1975–76
RANGE: Alta–Sask, Ont–NB (Boivin 1967)
MAP: Lepage 1969 PQ

Scirpus heterochaetus Chase
REFERENCE: DAO, Kershaw 1976
RANGE: sMan, eOnt–swPQ (Fernald 1950)
ONTARIO: Ingleside
STATUS: Rare in Canada. Threatened in Pennsylvania (Wherry 1975).

Scirpus maritimus L. var. *paludosus* (Nels.)Kukenth. (*S. paludosus* Nels.)
REFERENCE: Kershaw 1976, Kershaw & Morton 1976 and map
RANGE: Aka–NWT, BC–neOnt–NS (Boivin 1967)
ONTARIO: James Bay
MAP: Hultén 1968

Scirpus micranthus = *Hemicarpha micrantha*

Scirpus paludosus = *S. maritimus* var. *paludosus*

Scirpus smithii Gray
REFERENCE: Kershaw 1976, Reznicek 1975–76
RANGE: Ont–sPQ (Boivin 1967)
STATUS: Rare in Canada. Threatened in Pennsylvania (Wherry 1975).

Scirpus torreyi Olney
REFERENCE: Reznicek 1975–76
RANGE: Ont–NB (Boivin 1967)
STATUS: Rare in Canada. Extirpated in Illinois (Paulson & Schwegman 1976). Rare in Michigan and Indiana (Wagner 1976, Barnes 1975).

Scirpus verecundus Fern.
REFERENCE: Kershaw 1976, Reznicek 1975–76
RANGE: sOnt
STATUS: Rare in Canada.

Scleria triglomerata Michx.
REFERENCE: Kershaw 1976, Reznicek 1975–76, and map
RANGE: swOnt (Boivin 1967)
MAP: Fairey 1967 seUS, Soper 1962 Ont
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976). Rare in Minnesota (Morley 1972).

Scleria verticillata Muhl.
REFERENCE: Beschel et al. 1970, FON 1969, Kershaw 1976, Reznicek 1975–76 and map
RANGE: sOnt (Boivin 1967)
MAP: Soper 1962 Ont
STATUS: Rare in Canada. Threatened in Wisconsin and Pennsylvania (Read 1976, Wherry 1975). Rare in Minnesota (Morley 1972).

Scutellaria nervosa Pursh var. *calvifolia* Fern.
REFERENCE: CAN, Kershaw 1976
RANGE: swOnt (Boivin 1967)
ONTARIO: Kingsville
STATUS: Rare in Canada; possibly extirpated in Ontario (Scoggan 1976).

Senecio glabellus Poir.
REFERENCE: Campbell & Reznicek 1976, CAN, Kershaw 1976
RANGE: swOnt
ONTARIO: Pelee Is.
STATUS: Rare in Canada.

Senecio obovatus Muhl.
REFERENCE: DAO, FON 1969, Kershaw 1976 and map
RANGE: scOnt–sPQ (Fernald 1950)
ONTARIO: Bruce Pen.
MAP: Barkley 1962
STATUS: Rare in Canada.

Silene virginica L.
REFERENCE: Kershaw 1976, Scoggan 1976
RANGE: swOnt (Boivin 1967)
STATUS: Rare in Canada; possibly extirpated in Ontario (Scoggan 1976).

Silphium perfoliatum L.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt–swPQ (Boivin 1967)
MAP: Soper 1962 Ont
STATUS: Rare in Canada. Threatened in Michigan (Wagner 1976).

Silphium terebinthinaceum Jacq.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
MAP: Soper 1962 Ont
STATUS: Rare in Canada.

Sisyrinchium albidum Raf.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: Windsor
MAP: Marchand & Grear 1975 Ont
STATUS: Rare in Canada.

Smilax ecirrhata (Engelm.)Wats.
REFERENCE: Cruise 1969, Kershaw 1976
RANGE: swOnt (Boivin 1967)
MAP: Mangaly 1968 US
STATUS: Rare in Canada.

Smilax illinoensis Mangaly
REFERENCE: Campbell & Reznicek 1976, Kershaw 1976
RANGE: Ont
MAP: Mangaly 1968 US
STATUS: Rare in Canada.

Smilax lasioneuron Hook.
REFERENCE: Cruise 1969
RANGE: Sask–swOnt (Boivin 1967)
MAP: Mangaly 1968 US

Smilax rotundifolia L.
REFERENCE: Cruise 1969, Kershaw 1976 and maps
RANGE: swOnt, NS (Boivin 1967)
ONTARIO: Pt. Pelee and Leamington
MAP: Duncan 1967 seUS, Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont
STATUS: Rare and possibly extirpated in Canada (Soper & Heimburger 1976).

Solidago arguta Ait.
REFERENCE: Beschel et al. 1970, Kershaw 1976, Stewart & James 1969
RANGE: Ont (Boivin 1967)
STATUS: Rare in Canada.

Solidago houghtonii T.& G.
REFERENCE: CAN, Kershaw 1976, Kershaw & Morton 1976, Reznicek 1975–76 and maps
RANGE: scOnt
ONTARIO: Manitoulin I. and Bruce Pen.
MAP: Given & Soper 1976 Ont, Guire & Voss 1963 Great Lakes
STATUS: Rare in Canada. Threatened in Michigan (Wagner 1976).

Solidago jejunifolia Steele
(*S. uliginosa* Nutt. var. *jejunifolia* (Steele)Boivin)
REFERENCE: Boivin 1967
RANGE: scOnt
ONTARIO: Bruce Pen.
STATUS: Rare in Canada.

Solidago missouriensis Nutt.
REFERENCE: Cruise 1969 and map
RANGE: BC–wOnt, local (Boivin 1967)
MAP: Given & Soper 1976 Ont

Solidago ohioensis Riddell
REFERENCE: Cruise 1969, FON 1969, Krotkov 1940
RANGE: sOnt (Boivin 1967)
ONTARIO: Bruce Pen.–swOnt
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976).

Solidago patula Muhl.
REFERENCE: Cruise 1969
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada.

Solidago puberula Nutt.
REFERENCE: Beschel et al. 1970, Lafontaine & White 1974
RANGE: eOnt–NS (Boivin 1967)

Solidago riddellii Frank
REFERENCE: Reznicek 1975–76
RANGE: seMan–Ont (Boivin 1967)

Solidago rigida L. var. *rigida*
REFERENCE: Reznicek 1975–76
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada.

Solidago sciaphila Steele
REFERENCE: Kershaw 1976
RANGE: scOnt (Boivin 1967)
ONTARIO: Georgian Bay
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976).

Solidago speciosa Nutt. var. *angustata* T.& G.
REFERENCE: Kershaw 1976
RANGE: swOnt (Boivin 1967)
ONTARIO: Lambton Co.
STATUS: Rare in Canada.

Solidago uliginosa var. *jejunifolia* = *S. jejunifolia*

Solidago ulmifolia Nutt.
REFERENCE: Kershaw 1976
RANGE: swOnt (Boivin 1967)
STATUS: Rare in Canada.

Sparganium androcladum (Engelm.)Morong
REFERENCE: CAN, Kershaw 1976 and map
RANGE: swOnt–NS
MAP: Beal 1960
STATUS: Rare in Canada. Threatened in Pennsylvania (Wherry 1975). Rare in Michigan and Indiana (Wagner 1976, Barnes 1975).

Sparganium multipedunculatum (Morong)Rydb.
REFERENCE: FON 1969, Krotkov 1940 and map
RANGE: Aka–NWT, BC–scOnt–Nfld (Boivin 1967)
ONTARIO: Bruce Pen.
MAP: Hultén 1964

Specularia perfoliata (L.)A.DC.
REFERENCE: Reznicek 1975–76
RANGE: BC, sOnt–sPQ (Boivin 1967)

Sphenopholis nitida (Biehler)Scribn.
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
ONTARIO: Hamilton and Niagara Falls
MAP: Dore & McNeill 1976 Ont, Erdman 1965
STATUS: Rare in Canada.

Sphenopholis obtusata (Michx.)Scribn.
REFERENCE: Dore & McNeill 1976 and map
RANGE: BC–Ont (Boivin 1967)
MAP: Erdman 1965

Spiranthes lacera Raf. var. *gracilis* (Bigel.)Luer
REFERENCE: Catling 1976b and map
RANGE: sOnt
MAP: Luer 1975
STATUS: Extremely rare in western New York (Clinton Herbarium 1974).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974)

Spiranthes lucida (H.H.Eat.)Ames
REFERENCE: Beschel et al. 1970, Cruise 1969, FON 1969, IBP-CT 1974 and maps
RANGE: sOnt-NS
MAP: Case 1964 Great Lakes, Catling & McKay 1973 Ont, Luer 1975.
STATUS: Rare in Michigan (Wagner 1976).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in Wisconsin, New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974).

Spiranthes magnicamporum Sheviak
REFERENCE: Maps
RANGE: swOnt
MAP: Catling 1976a, Luer 1975
STATUS: Rare in Canada.
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in Minnesota and Wisconsin (McGaugh & Genoways 1976).

Spiranthes ochroleuca Rydb.
REFERENCE: Catling 1976b, and map
RANGE: s&eOnt-PQ, NS-Nfld
MAP: Luer 1975
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974)

Sporobolus asper (Michx.)Kunth
REFERENCE: Dore & McNeill 1976, Dore 1975, Kershaw 1976
RANGE: Ont-NB (Boivin 1967)
MAP: Hitchcock & Chase 1950 US
STATUS: Rare in Canada.

Sporobolus heterolepis Gray
REFERENCE: Beschel et al. 1970, Dore 1959, FON 1969, Krotkov 1940 and map
RANGE: Sask-Ont-swPQ (Boivin 1967)
ONTARIO: Georgian Bay to eOnt, local
MAP: Dore & McNeill 1976 Ont
STATUS: Rare in Canada. Threatened in Michigan and Pennsylvania (Wagner 1976, Wherry 1975). Rare in Indiana (Barnes 1975).

Sporobolus vaginiflorus (Torr.)A.Wood var. *ozarkanus* (Fern.)Shinners
REFERENCE: Map
RANGE: seOnt
ONTARIO: L. Ontario
MAP: Dore & McNeill 1976 Ont
STATUS: Rare in Canada.

Sporobolus vaginiflorus (Torr.)A.Wood var. *vaginiflorus*
REFERENCE: Map
RANGE: sOnt-NS (Boivin 1967)
ONTARIO: Gray Co. and Carleton Co.
MAP: Dore & McNeill 1976 Ont

Strophostyles helvola (L.)Ell.
REFERENCE: Kershaw 1976, Stewart & James 1969 and map
RANGE: sOnt-swPQ (Boivin 1967)
MAP: Soper 1960 Ont
STATUS: Rare in Canada. Rare in Michigan (Wagner 1976).

Stylophorum diphyllum (Michx.)Nutt.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: London and St. Marys
MAP: Soper 1962 Ont
STATUS: Rare in Canada; possibily extirpated in Ontario (Soper 1962).

Subularia aquatica L. ssp. *americana* Mulligan & Calder
REFERENCE: Brunton 1974-75 and map
RANGE: Aka-NWT, BC, Sask-Ont-PQ, NS-Lab
ONTARIO: wOnt to Georgian Bay
MAP: Mulligan & Calder 1964
STATUS: Rare in Minnesota (Morley 1972). Threatened in Michigan (Wagner 1976).

Swertia caroliniensis (Walt.)Ktze.
(*Frasera caroliniensis* Walt.)
REFERENCE: Catling 1974, Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
MAP: Gillett 1963, Soper 1962 Ont
STATUS: Rare in Canada. Rare in Michigan (Wagner 1976).

Tanacetum huronense Nutt.
(*Chrysanthemum bipinnatum* L. ssp. *huronense* (Nutt.)Hult.)
REFERENCE: Maps
RANGE: Aka-NWT, Alta, Man-nOnt-PQ, NB-Nfld (Boivin 1967)
ONTARIO: Hudson and James Bays and L. Superior
MAP: Given & Soper 1976 Ont, Guire & Voss 1963 Great Lakes, Hultén 1968, Hultén 1971
STATUS: Endangered in Wisconsin (Read 1976). Threatened in Michigan (Wagner 1976).

Tephrosia virginiana (L.)Pers.
REFERENCE: Cruise 1969, IBP-CT 1974, Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
ONTARIO: Norfolk Co.
MAP: Soper 1962 Ont, Wood 1949
STATUS: Rare in Canada. Rare in Minnesota (Morley 1972).

Thalictrum revolutum DC.
REFERENCE: Cruise 1969, Kershaw 1976
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada. Threatened in Wisconsin (Read 1976).

Thalictrum sparsiflorum Turcz.
REFERENCE: Kershaw 1976, Kershaw & Morton 1976 and map
RANGE: Aka–NWT, BC–neOnt (Boivin 1967)
ONTARIO: James Bay
MAP: Hultén 1968

Thalictrum thalictroides = *Anemonella thalictroides*

Thaspium barbinode (Michx.)Nutt.
REFERENCE: Cruise 1969, Kershaw 1976
RANGE: swOnt (Boivin 1967)
STATUS: Rare in Canada. Possibly extirpated in Wisconsin (Read 1976).

Thelypteris hexagonoptera = *Phegopteris hexagonoptera*

Tilia heterophylla Vent.
REFERENCE: CAN, Kershaw 1976 and map
RANGE: seOnt
ONTARIO: Main Duck Is. and Leeds Co.
MAP: Jones 1968, Little 1971
STATUS: Rare in Canada.

Tofieldia pusilla (Michx.)Pers.
REFERENCE: Kershaw 1976, Kershaw & Morton 1976, Moir 1958 and maps
RANGE: Aka–NWT, BC–Man, nOnt–PQ, Nfld–Lab
ONTARIO: Hudson and James Bays, disjunct L. Superior
MAP: Given & Soper 1976 Ont, Hultén 1964, Hultén 1968, Porsild 1964

Tradescantia ohioensis Raf.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
ONTARIO: Detroit R. and L. St. Clair
MAP: Anderson 1954, Soper 1960 Ont
STATUS: Rare in Canada.

Trichostema dichotomum L.
REFERENCE: Kershaw 1976, Montgomery & Morton 1973
RANGE: swOnt
ONTARIO: Norfolk Co.
MAP: Lewis 1945
STATUS: Rare in Canada. Threatened in Michigan (Wagner 1976).

Triosteum angustifolium L.
REFERENCE: Kershaw 1976 and map
RANGE: swOnt
ONTARIO: Pelee Is.
MAP: Duncan 1973
STATUS: Rare in Canada.

Triphora trianthophora (Sw.)Rydb.
REFERENCE: Catling & Whiting 1976, IBP–CT 1974, Kershaw 1976, Lafontaine 1974, Pratt 1974, Zavitz & Gaiser 1956 and maps
RANGE: swOnt
ONTARIO: Leamington and Rondeau Prov. Pk.
MAP: Case 1964 Great Lakes, Luer 1975, Soper 1962 Ont
STATUS: Rare in Canada; endangered in Ontario (Catling & Whiting 1976). Endangered in Wisconsin (Read 1976). Threatened in Michigan (Wagner 1976). Extremely rare in western New York (Clinton Herbarium 1974).
PROTECTION: An export permit is required under the International Convention on Trade in Endangered Species of Wild Fauna and Flora (Canada 1973, 1975) ratified by Canada and the United States. Protected by law in Wisconsin, New York (McGaugh & Genoways 1976) and Vermont (Vermont 1957, 1974).

Triplasis purpurea (Walt.)Chapman
REFERENCE: Cruise 1969, Kershaw 1976, Stewart & James 1969 and maps
RANGE: swOnt (Boivin 1967)
MAP: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 US, Soper 1962 Ont
STATUS: Threatened in Pennsylvania (Wherry 1975). Rare in Minnesota, Michigan and Indiana (Morley 1972, Wagner 1976, Barnes 1975).

Trisetum spicatum ssp. *molle* = *T. triflorum* ssp. *molle*

Trisetum spicatum var. *pilosiglume* = *T. triflorum* ssp. *molle*

Trisetum spicatum (L.)Richter ssp. *spicatum*
REFERENCE: Maps
RANGE: Aka–NWT, BC–nOnt–Lab (Boivin 1967)
ONTARIO: Hudson and James Bays
MAP: Dore & McNeill 1976 Ont, Hultén 1964, Hultén 1968, Porsild 1964, Raup 1947

Trisetum triflorum (Bigel.)A.& D.Löve ssp. *molle* (Hult.)A.& D.Löve
(*T. spicatum* (L.) Richter ssp. *molle* (Michx.)Hult., *T. spicatum* var. *pilosiglume* Fern.)
REFERENCE: Dore 1959 and maps
RANGE: Aka–NWT, BC–nOnt–PQ, NS, Nfld–Lab (Roland & Smith 1963–69)
ONTARIO: Hudson and James Bays, disjunct L. Superior
MAP: Dore & McNeill 1976 Ont, Hultén 1964, Soper & Maycock 1963 Ont

Utricularia geminiscapa Benj.
REFERENCE: CAN, Lafontaine & White 1974
RANGE: eOnt–Nfld (Boivin 1967)
ONTARIO: Ottawa Dist.
MAP: Fernald 1933
STATUS: Threatened in Wisconsin (Read 1976).

Uvularia perfoliata L.
REFERENCE: Catling 1974, Cruise 1969, Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
ONTARIO: Niagara region and Hamilton
MAP: Anderson & Whitaker 1934, Soper 1952 Ont, Wilbur 1963
STATUS: Rare in Canada. Endangered in New Hampshire (Hodgdon 1973). Extremely rare in western New York (Clinton Herbarium 1974).

Vaccinium ovalifolium Sm.
REFERENCE: Kershaw 1976, Kershaw & Morton 1976 and maps
RANGE: Aka–YT, BC, ncOnt–PQ, NS–Lab (Boivin 1967)
ONTARIO: L. Superior
MAP: Fernald 1925, Given & Soper 1976 Ont, Hultén 1968, Soper & Heimburger 1976 Ont

Vaccinium pallidum Ait.
(*V. vacillans* auct.)
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt, wNS (Boivin 1967)
MAP: Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont
STATUS: Rare in Canada.

Vaccinium stamineum L.
REFERENCE: Beschel et al. 1970, IBP–CT 1974, Kershaw 1976 and maps
RANGE: sOnt (Boivin 1967)
MAP: Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont
STATUS: Rare in Canada.

Vaccinium vacillans = *V. pallidum*

Valeriana ciliata = *V. edulis* var. *ciliata*

Valeriana edulis Nutt. var. *ciliata (T.& G.)Cronq.*
(*V.* ciliata *T.& G.*)
REFERENCE: Maps
RANGE: swOnt (Boivin 1967)
MAP: Meyer 1951, Soper 1976 Ont
STATUS: Rare in Canada. Rare in Michigan and Indiana (Wagner 1976, Barnes 1975).

Valeriana uliginosa T.& G.
REFERENCE: Beschel et al. 1970
RANGE: Ont–NB (Boivin 1967)
STATUS: Endangered in Wisconsin (Read 1976).

Valerianella chenopodifolia (Pursh)DC.
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt (Boivin 1967)
ONTARIO: Elgin Co. and Welland Co.
MAP: Soper 1962 Ont
STATUS: Rare in Canada; possibly extirpated in Ontario (Soper 1962). Threatened in Michigan (Wagner 1976). Rare in Indiana (Barnes 1975).

Valerianella intermedia Dyal
REFERENCE: Kershaw 1976 and map
RANGE: swOnt
ONTARIO: Pelee Is.
MAP: Duncan 1973
STATUS: Rare in Canada. Extirpated in Illinois (Paulson & Schwegman 1976).

Valerianella umbilicata (Sulliv.)Wood
REFERENCE: Kershaw 1976 and map
RANGE: swOnt
ONTARIO: Pelee Is.
MAP: Duncan 1973
STATUS: Rare in Canada. Extirpated in Illinois (Paulson & Schwegman 1976).

Verbena bracteata Lag.& Rodr.
REFERENCE: Map
RANGE: BC–sOnt (Boivin 1967)
MAP: Moldenke 1962 US, Soper 1976 Ont

Vernonia altissima Nutt.
REFERENCE: Cruise 1969, Kershaw 1976
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada.

Vernonia missurica Raf.
REFERENCE: CAN, Kershaw 1976
RANGE: swOnt (Fernald 1950
ONTARIO: Lambton Co. and Kent Co.
MAP: Faust 1972
STATUS: Rare in Canada.

Veronicastrum virginicum (L.)Farw.
REFERENCE: Beschel et al. 1970 and maps
RANGE: sMan–Ont (Boivin 1967)
MAP: Pennell 1935, Soper 1976 Ont
STATUS: Extremely rare in western New York (Clinton Herbarium 1974).

Viburnum dentatum L. var. *lucidum* Ait.
(*V. recognitum* Fern.)
REFERENCE: Beschel et al. 1970, Cruise 1969, IBP–CT 1974, Kershaw 1976 and maps
RANGE: sOnt, swNB (Boivin 1967)
MAP: Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont

Viburnum recognitum = *V. dentatum* var. *lucidum*

Vicia caroliniana Walt.
REFERENCE: Beschel et al. 1970, Kershaw 1976
RANGE: sOnt (Boivin 1967)
STATUS: Rare in Canada.

Viola epipsila Ledeb. ssp. *repens* (Turcz.) Becker
REFERENCE: Kershaw 1976, Kershaw & Morton 1976 and maps
RANGE: Aka–NWT, BC–Man, ncOnt
ONTARIO: L. Superior
MAP: Given & Soper 1976 Ont, Hultén 1958, Hultén 1968

Viola novae-angliae House
REFERENCE: CAN, Kershaw 1976
RANGE: sMan-nwOnt-NB (Gleason 1952)
MAP: Russell 1965 US
STATUS: Rare in Canada. Possibly extirpated in Wisconsin (Read 1976). Threatened in Michigan (Wagner 1976).

Viola palmata L.
REFERENCE: Kershaw 1976, Stewart & James 1969
RANGE: swOnt (Boivin 1967)
MAP: Russell 1965 US
STATUS: Rare in Canada. Endangered in New Hampshire (Hodgdon 1973). Threatened in Michigan (Wagner 1976).

Viola pedata L. var. *linearíloba* DC.
REFERENCE: Catling 1974, Cruise 1969, IBP-CT 1974, Kershaw 1976
RANGE: swOnt (Boivin 1967)
STATUS: Rare in Canada.
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976, Zander 1976).

Viola rotundifolia Michx.
REFERENCE: Kershaw 1976 and maps
RANGE: swOnt-swPQ (Boivin 1967)
ONTARIO: Niagara region
MAP: Bouchard & Maycock 1970, Russell 1954
STATUS: Rare in Canada.

Viola sagittata Ait.
REFERENCE: Beschel et al. 1970, Cruise 1969, Kershaw 1976 and map
RANGE: Ont-PQ (Boivin 1967)
MAP: Russell 1965 US, Russell & Risser 1960
STATUS: Rare in Canada.

Viola striata Ait.
REFERENCE: Kershaw 1976, Stewart & James 1969
RANGE: sOnt (Boivin 1967)
MAP: Russell 1965 US
STATUS: Rare in Canada. Extirpated in Wisconsin (Read 1976).

Viola triloba Schwein.
REFERENCE: Cruise 1969, OAC
RANGE: swOnt (Boivin 1967)
ONTARIO: Turkey Pt.
MAP: Russell 1965 US
STATUS: Rare in Canada.

Vitis aestivalis Michx.
REFERENCE: Beschel et al. 1970, Cruise 1969, Kershaw 1976 and map
RANGE: swOnt (Boivin 1967)
MAP: Soper & Heimburger 1976 Ont
STATUS: Rare in Canada.

Woodsia alpina (Bolton)S.F.Gray
REFERENCE: Britton 1976, Brunton 1974-75, Catling 1975, Kershaw 1976, Kershaw & Morton 1976, Reznicek 1975-76 and maps
RANGE: Aka-NWT, Alta-Ont-Lab (Boivin 1967)
MAP: Given & Soper 1976 Ont, Hultén 1958, Hultén 1968, Porsild 1964, Soper & Maycock 1963 Ont
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976).

Woodsia glabella R.Br.
REFERENCE: Britton 1976, Brunton 1974-75, Reznicek 1975-76, Soper & Maycock 1963 and maps
RANGE: Aka-NWT, BC-ncOnt-Lab (Boivin 1967)
ONTARIO: L. Superior
MAP: Hultén 1964, Hultén 1968, Porsild 1964
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976).

Woodsia obtusa (Spreng.)Torr.
REFERENCE: Britton 1976, Britton 1977, Brunton 1974-75, Gillett 1975-76
RANGE: seOnt-swPQ (Boivin 1967)
ONTARIO: Frontenac Co. and Leeds Co.
STATUS: Rare in Canada. Threatened in Michigan (Wagner 1976).
PROTECTION: Protected by law in New York (McGaugh & Genoways 1976).

Woodsia oregana D.C.Eat.
REFERENCE: Britton 1976, Brunton 1974-75, FON 1969, Lafontaine & White 1974 and maps
RANGE: BC-Sask, Ont-PQ (Boivin 1967)
MAP: Fernald 1925, Given & Soper 1976 Ont
STATUS: Endangered in Wisconsin (Read 1976).

Woodsia scopulina D.C.Eat.
REFERENCE: Britton 1976, Brunton 1974-75, IBP-CT 1974, Kershaw 1976, Kershaw & Morton 1976, Reznicek 1972 and maps
RANGE: Aka-NWT, BC-Alta, Ont
ONTARIO: L. Superior and Georgian Bay
MAP: Fernald 1925, Hultén 1968

Xyris caroliniana Walt.
(*X. difformis* Chapm.)
REFERENCE: Catling et al. 1977, IBP-CT 1974 and map
RANGE: Ont, NS (Boivin 1967)
MAP: Kral 1966, Soper 1960 Ont
STATUS: Rare in Indiana (Barnes 1975).

Xyris difformis = *X. caroliniana*

Zannichellia palustris L.
REFERENCE: Beschel et al. 1970 and maps
RANGE: Aka, BC-Man, Ont-PQ, NB-Nfld (Boivin 1967)
ONTARIO: James Bay and eOnt
MAP: Hultén 1964, Hultén 1968, Steyermark 1941
STATUS: Rare in Indiana (Barnes 1975). Endangered in Wisconsin and New Hampshire (Read 1976, Hodgdon 1973). Threatened in Michigan (Wagner 1976). Rare in Minnesota (Morley 1972).

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Appendix I
Unverified Reports

Amelanchier canadensis (L.) Medic.
Antennaria brainerdii Fern.
Aristida intermedia Scribn.& Ball
Asclepias longifolia Michx.
Baptisia leucantha T.& G.
Botrychium boreale (E. Fries)Milde
Bidens laevis (L.)BSP.
Braya purpurascens (R.Br.)Bunge
Cardamine rotundifolia Michx.
Carex alata T.& G.
Carex howei Mack.
Carex hyalinolepis Steud.
Carex retroflexa Muhl.
Carya tomentosa Nutt.
Ceratophyllum echinatum Gray
Cynoglossum virginianum L.
Cyperus ovularis (Michx.)Torr.
Cypripedium calceolus L. var. planipetalum (Fern.)Vict.& Rousseau
Cuscuta compacta Juss.
Dichromena colorata (L.)Hitchc.
Epilobium alpinum L.
Lindernia anagallidea (Michx.)Pennell
Luzula pallescens (Wahl.)Bess.
Lycopus rubellus Moench
Lycopus virginicus L.
Panicum commutatum Shultes
Pellaea densa (Brack.)Hook.
Penstemon calycosus Small
Polygonum cristatum Engelm.& Gray
Quercus coccinea Muenchh.
Ranunculus micranthus Nutt.
Senecio pseudaureus Rydb.
Silene stellata (L.)Ait.f.
Silphium trifoliatum L.
Utricularia biflora Lam.
Viola latiuscula Greene

Appendix II
Alien or Doubtfully Native Plants

Alnus glutinosa (L.)Gaertner
Amorpha fruticosa L. var. angustifolia Pursh
Baptisia leucantha T.& G.
Dactylorhiza maculata (L.)Soó
Delphinium brownii Rydb.
Eragrostis spectabilis (Pursh)Steud.
Helianthus hirsutus Raf.
Leptoloma cognatum (Schultes)Chase
Mirabilis nyctaginea (Michx.)MacM.
Oenothera laciniata Hill
Potentilla reptans L.
Pycnanthemum verticillatum (Michx.)Pers.
Rudbeckia triloba L.
Salvia pratensis L.
Sedum hispanicum L.
Sedum telephioides Michx.
Sedum ternatum Michx.
Silphium laciniatum L.
Solanum caroliniense L.
Spartina patens (Ait.)Muhl.
Stipa avenacea L.

Appendix III
List of the Rare Vascular Plants of Ontario in Taxonomic Sequence

ISOETACEAE

Isoetes lacustris var. macrospora
I. macrospora

OPHIOGLOSSACEAE

B. lanceolatum var. angustisegmentum

POLYPODIACEAE

Asplenium cryptolepis
A. platyneuron
A. ruta-muraria ssp. cryptolepis
A. viride
Athyrium pycnocarpon
Cryptogramma crispa var. acrostichoides
Cystopteris fragilis var. laurentiana
C. montana
Dryopteris filix-mas
D. goldiana
Dryopteris hexagonoptera
Dryopteris robertiana
Gymnocarpium robertianum
Pellaea atropurpurea
Phegopteris hexagonoptera
Phyllitis scolopendrium var. americana
Polystichum braunii var. purshii
P. lonchitis
Thelypteris hexagonoptera
Woodsia alpina
W. glabella
W. obtusa
W. oregana
W. scopulina

SALVINIACEAE

Azolla caroliniana

PINACEAE

Pinus rigida

SPARGANIACEAE

Sparganium androcladum
S. multipedunculatum

POTAMOGETONACEAE

Potamogeton bicupulatus
P. capillaceus
P. confervoides
P. hillii
P. oakesianus
P. perfoliatus var. perfoliatus
P. pulcher
P. vaseyi
Zannichellia palustris

NAJADACEAE

Najas gracillima
N. guadalupensis

ALISMATACEAE

Sagittaria engelmanniana var. brevirostra
S. graminea var. cristata

HYDROCHARITACEAE

Elodea nuttallii

GRAMINEAE

Agropyron boreale ssp. boreale
A. dasystachyum var. *psammophilum*
A. latiglume
A. psammophilum
Alopecurus alpinus
Arctagrostis latifolia
Arctophila fulva
Aristida basiramea
A. dichotoma
A. longespica
A. necopina
A. purpurascens
Bouteloua curtipendula
Bromus pubescens
B. pumpellianus
B. purgans
Calamagrostis lacustris
C. purpurascens
Calamovilfa longifolia var. longifolia
C. longifolia var. magna
Catabrosa aquatica
Cenchrus longispinus
C. pauciflorus
Cinna arundinacea
Colpodium fulvum
Danthonia compressa
Danthonia sericea
Deschampsia cespitosa var. maritima
Dupontia fisheri
Echinochloa walteri
Elymus diversiglumis
E. glaucus
E. interruptus
E. mollis
E. riparius
E. villosus
Eragrostis hypnoides
Festuca baffinensis
F. brachyphylla
F. occidentalis
F. rubra var. altaica
F. rubra var. arenaria
F. rubra var. juncea
F. rubra var. rubra
F. scabrella
Glyceria melicaria
Hierochloe pauciflora
Koeleria cristata
K. gracilis
K. macrantha
K. pyramidata
Melica smithii
Muhlenbergia racemosa
M. schreberi
M. sylvatica
M. tenuiflora
Panicum agrostoides
P. bicknellii
P. calliphyllum
P. clandestinum
P. columbianum var. commonsianum
P. commonsianum
P. depauperatum
P. depauperatum var. *perlongum*
P. dichotomum
P. gattingeri
P. lanuginosum var. praecocius
P. latifolium var. *clandestinum*
P. leibergii var. leibergii
P. leibergii var. baldwinii
P. oligosanthes
P. perlongum
P. philadelphicum
P. praecocius
P. rigidulum
P. sphaerocarpon
P. spretum
P. subvillosum
Paspalum ciliatifolium
Phleum alpinum
P. commutatum
Poa alpigena
P. arctica
P. canbyi
P. interior
P. nemoralis var. *interior*
P. pratensis var. *alpigena*
Puccinellia lucida
P. nuttalliana
Sphenopholis nitida
S. obtusata
Sporobolus asper
S. heterolepis
S. vaginiflorus var. ozarkanus
S. vaginiflorus var. vaginiflorus
Triplasis purpurea
Trisetum spicatum ssp. *molle*
Trisetum spicatum var. *pilosiglume*
T. spicatum var. spicatum
T. triflorum ssp. molle

CYPERACEAE

Bulbostylis capillaris
Carex amblyorhyncha
C. amphibola var. *turgida*
C. atrata
C. atrofusca
C. careyana
C. conoidea
C. davisii
C. folliculata

C. formosa
C. frankii
C. gravida
C. grisea
C. haydenii
C. heleonastes
C. hirsutella
C. hookerana
C. jamesii
C. katahdinensis
C. laevivaginata
C. laxiculmis
C. laxiflora var. gracillima
C. leavenworthii
C. lupuliformis
C. miliaris
C. muskingumensis
C. nigra
C. novae-angliae
C. oligocarpa
C. prasina
C. richardsonii
C. rossii
C. saxatilis var. *miliaris*
C. schweinitzii
C. shortiana
C. squarrosa
C. supina ssp. spaniocarpa
C. swanii
C. tetanica var. woodii
C. torta
C. trichocarpa
C. typhina
C. virescens
C. willdenowii
C. woodii
Cyperus engelmannii
C. erythrorhizos
C. ferruginescens
C. houghtonii
Eleocharis equisetoides
E. geniculata
E. intermedia
E. olivacea
E. parvula
E. quadrangulata var. crassior
E. rostellata
Fimbrystilis autumnalis
F. drummondii
F. spadicea
Hemicarpha micrantha
Kobresia simplisiuscula
Rhynchospora capitellata
Scirpus clintonii
S. heterochaetus
S. maritimus var. paludosus
S. micranthus
S. paludosus
S. smithii
S. torreyi
S. verecundus
Scleria triglomerata
S. verticillata

ARACEAE

Arisaema dracontium
Peltandra virginica

XYRIDACEAE

Xyris caroliniana
X. difformis

COMMELINACEAE

Tradescantia ohioensis

JUNCACEAE

Juncus acuminatus
J. biflorus
J. brachycarpus
J. ensifolius
J. greenei var. *vaseyi*
J. longistylis
J. marginatus
J. militaris
J. secundus
J. subtilis
J. vaseyi

LILIACEAE

Aletris farinosa
Allium cernuum
A. stellatum
Camassia scilloides
Chamaelirium luteum
Disporum lanuginosum
D. trachycarpum
Erythronium albidum
Polygonatum biflorum
P. canaliculatum
Smilax ecirrhata
S. illinoensis
S. lasioneura
S. rotundifolia
Tofieldia pusilla
Uvularia perfoliata

DIOSCOREACEAE

Dioscorea villosa

AMARYLLIDACEAE

Hypoxis hirsuta

IRIDACEAE

Iris brevicaulis
I. lacustris
Sisyrinchium albidum

ORCHIDACEAE

Aplectrum hyemale
Corallorhiza odontorhiza
Cypripedium arietinum
C. candidum
C. passerinum
Goodyera oblongifolia
Habenaria blephariglottis
H. ciliaris
H. flava var. *herbiola*
H. leucophaea
H. unalascensis
Isotria verticillata
Liparis lilifolia
Listera australis
L. borealis
Malaxis paludosa
Piperia unalascensis
Platanthera blephariglottis
Platanthera ciliaris
Platanthera flava var. herbiola
Platanthera leucophaea
Spiranthes lacera var. gracilis
S. lucida
S. magnicamporum
S. ochroleuca
Triphora trianthophora

SALICACEAE

Salix arctica
S. arctophila
S. brachycarpa var. brachycarpa
S. calcicola
S. lanata ssp. calcicola
S. maccalliana
S. reticulata
S. sericea
S. vestita

MYRICACEAE

Myrica pensylvanica

JUGLANDACEAE

Carya glabra
C. laciniosa
Juglans nigra

BETULACEAE

Betula lenta

FAGACEAE

Castanea dentata
Quercus bicolor
Q. ellipsoidalis
Q. muehlenbergii
Q. palustris
Q. prinoides
Q. prinus

ULMACEAE

Celtis tenuifolia

MORACEAE

Morus rubra

POLYGONACEAE

Koenigia islandica
Polygonella articulata
Polygonum careyi
P. ramosissimum
P. tenue

CHENOPODIACEAE

Chenopodium foggii
Corispermum hyssopifolium
Salicornia europaea

PORTULACACEAE

Montia fontana

CARYOPHYLLACEAE
Arenaria humifusa
A. macrophylla
A. rubella
Cerastium alpinum
C. beeringianum
Melandrium apetalum ssp. arcticum
Minuartia rubella
Paronychia canadensis
Sagina procumbens
Silene virginica

NYMPHAEACEAE
Nelumbo lutea
Nuphar advena
N. luteum ssp. macrophyllum

RANUNCULACEAE
Anemonella thalictroides
Caltha natans
Cimicifuga racemosa
Hydrastis canadensis
Isopyrum biternatum
Myosorus minimus
Ranunculus fascicularis
R. hispidus var. marilandicus
R. pallasii
R. pedatifidus
R. rhomboideus
Thalictrum revolutum
T. sparsiflorum
T. thalictroides

BERBERIDACEAE
Jeffersonia diphylla

MAGNOLIACEAE
Liriodendron tulipifera
Magnolia acuminata

ANNONACEAE
Asimina triloba

PAPAVERACEAE
Stylophorum diphyllum

FUMARIACEAE
Corydalis flavula

CAPPARIDACEAE
Polanisia graveolens
P. dodecandra

CRUCIFERAE
Arabis alpina
A. arenicola var. pubescens
A. canadensis
A. drummondii
A. holboellii
A. lyrata var. lyrata
A. perstellata var. shortii
Cardamine douglasii
Draba alpina
D. aurea
D. cana
D. cinerea
D. glabella
D. hirta
D. incana
D. lanceolata
D. nivalis
D. reptans
Subularia aquatica ssp. americana

DROSERACEAE
Drosera linearis

PODOSTEMACEAE
Podostemum ceratophyllum

SAXIFRAGACEAE
Heuchera americana
Parnassia kotzebuei
Saxifraga aizoides
S. caespitosa
S. cernua
S. pensylvanica

ROSACEAE
Agrimonia parviflora
A. pubescens
Amelanchier amabilis
A. sanguinea var. grandiflora
Crataegus douglasii
Dryas drummondii
D. integrifolia
Geum laciniatum
G. triflorum
G. vernum
G. virginianum
Gillenia trifoliata
Potentilla gracilis
P. hippiana
P. paradoxa
P. pensylvanica
P. pulchella
P. rivalis
Prunus americana
Rosa setigera

LEGUMINOSAE
Amorpha canescens
Astragalus adsurgens var. robustior
A. agrestis
A. americanus
A. eucosmus
A. neglectus
Baptisia tinctoria
Cassia hebecarpa
C. marilandica
Cercis canadensis
Desmodium canescens
D. ciliare
D. cuspidatum
D. illinoensis
D. marilandicum
D. rotundifolium
D. sessilifolium
Gleditsia triancanthos
Glycyrrhiza lepidota
Gymnocladus dioica
Hedysarum mackenzii
Lespedeza intermedia
L. violacea
L. virginica
Lupinus perennis
Oxytropis campestris var. johannensis
O. deflexa var. foliolosa
O. foliolosa
O. hudsonica
O. ixodes
O. johannensis
O. splendens
O. viscida var. hudsonica
O. viscida var. viscida
Petalostemum candidum
P. purpureum
Strophostyles helvola
Tephrosia virginiana
Vicia caroliniana

LINACEAE
Linum lepagei
L. lewisii ssp. lepagei
L. medium var. texanum
L. perenne ssp. *lepagei*
L. striatum
L. sulcatum
L. virginianum

RUTACEAE
Ptelea trifoliata

POLYGALACEAE
Polygala incarnata

EUPHORBIACEAE
Euphorbia commutata
E. corollata
E. obtusata
E. polygonifolia

LIMNANTHACEAE
Floerkea proserpinacoides

ANACARDIACEAE
Rhus copallina

CELASTRACEAE
Euonymus atropurpureus

VITACEAE
Vitis aestivalis

TILIACEAE
Tilia heterophylla

MALVACEAE
Hibiscus moscheutos var. *purpurascens*
H. palustris

HYPERICACEAE
Hypericum gentianoides
H. prolificum
H. spathulatum

ELATINACEAE

Elatine minima

CISTACEAE

Helianthemum bicknellii
Lechea leggettii var. moniliformis
L. minor
L. stricta

VIOLACEAE

Hybanthus concolor
Viola epipsila ssp. repens
V. novae-angliae
V. palmata
V. pedata var. linearilobа
V. rotundifolia
V. sagittata
V. striata
V. triloba

CACTACEAE

Opuntia compressa
O. fragilis
O. humifusa

LYTHRACEAE

Ammania coccinea
Lythrum alatum

NYSSACEAE

Nyssa sylvatica

MELASTOMATACEAE

Rhexia virginica

ONAGRACEAE

Epilobium leptocarpum var. macounii
E. paniculatum var. subulatum
Gaura biennis
Ludwigia polycarpa
Oenothera nuttallii
O. pilosella

HALORAGIDACEAE

Myriophyllum farwellii
M. humile

ARALIACEAE

Echinopanax horridum
Oplopanax horridus
Panax quinquefolius

UMBELLIFERAE

Berula erecta var. incisa
Chaerophyllum procumbens
Erigenia bulbosa
Osmorhiza chilensis
O. obtusa
Oxypolis rigidior
Sanicula canadensis
Thaspium barbinode

CORNACEAE

Cornus drummondii
C. florida

ERICACEAE

Andromeda polifolia ssp. polifolia
Arctostaphylos alpina
A. rubra
Chimaphila maculata
Ledum palustre var. decumbens
Pterospora andromedea
Pyrola grandiflora
Rhododendron lapponicum
Vaccinium ovalifolium
V. pallidum
V. stamineum
V. vacillans

PRIMULACEAE

Armeria maritima ssp. labradorica
Glaux maritima var. obtusifolia
Primula intercedens

OLEACEAE

Fraxinus quadrangulata

GENTIANACEAE

Bartonia paniculata ssp. paniculata
B. virginica
Frasera caroliniensis
Gentiana alba
G. detonsa var. nesophila
G. detonsa var. raupii
G. flavida
G. nesophila
G. puberula
G. puberulenta
G. quinquefolia
G. raupii
Gentianella detonsa ssp. *nesophila*
Gentianella detonsa ssp. *raupii*
Gentianella quinquefolia
Sabatia angularis
Swertia caroliniensis

ASCLEPIADACEAE

Asclepias exaltata
A. hirtella
A. lanuginosa
A. nuttalliana
A. ovalifolia
A. purpurascens
A. quadrifolia
A. sullivantii
A. verticillata
A. viridiflora

CONVOLVULACEAE

Ipomoea pandurata

POLEMONIACEAE

Collomia linearis
Phlox pilosa
P. subulata

HYDROPHYLLACEAE

Hydrophyllum appendiculatum
H. canadense
Phacelia franklinii

BORAGINACEAE

Lithospermum incisum
L. latifolium
Mertensia maritima
M. virginica
Myosotis macrosperma
M. verna
Onosmodium molle var. hispidissimum

VERBENACEAE

Lippia lanceolata var. *recognita*
Phyla lanceolata var. recognita
Verbena bracteata

LABIATAE

Agastache nepetoides
A. scrophulariaefolia
Blephilia ciliata
B. hirsuta
Collinsonia canadensis
Monarda didyma
Pycnanthemum incanum
P. pilosum
P. tenuifolium
Satureja arkansana
S. glabella var. angustifolia
Scutellaria nervosa var. calvifolia
Trichostema dichotomum

SCROPHULARIACEAE

Agalinis flava
A. gattingeri
A. skinneriana
A. tenuifolia var. parviflora
Aureolaria flava
A. pedicularia
A. virginica
Bartsia alpina
Buchnera americana
Castilleja raupii
Collinsia parviflora
C. verna
Conobea multifida
Euphrasia frigida
E. vinacea
Gerardia gattingeri
G. skinneriana
G. tenuifolia var. *parviflora*
Limosella aquatica
Mimulus alatus
M. glabratus
M. moschatus
Pedicularis flammea
P. lanceolata
P. lapponica
P. sudetica ssp. interioides
Penstemon gracilis
Rhinanthus borealis
Veronicastrum virginicum

BIGNONIACEAE

Campsis radicans

OROBANCHACEAE

Conopholis americana
Orobanche fasciculata

LENTIBULARIACEAE

Utricularia geminiscapa

ACANTHACEAE

Justicia americana

PLANTAGINACEAE

Littorella americana
Plantago cordata
P. maritima

RUBIACEAE

Galium kamtschaticum
G. pilosum
Houstonia caerulea

CAPRIFOLIACEAE

Triosteum angustifolium
Viburnum dentatum var. lucidum
V. recognitum

ADOXACEAE

Adoxa moschatellina

VALERIANACEAE

Valeriana ciliata
V. edulis var. ciliata
V. uliginosa
Valerianella chenopodifolia
V. intermedia
V. umbilicata

CAMPANULACEAE

Campanula americana

LOBELIACEAE

Specularia perfoliata

COMPOSITAE

Actinomeris alternifolia
Adenocaulon bicolor
Actinea acaulis var. glabra
A. herbacea
Antennaria farwellii
A. rupicola
A. subviscosa
Arnica alpina ssp. angustifolia
A. chionopappa
A. lonchophylla ssp. chionopappa
A. lonchophylla ssp. lonchophylla
A. whitneyi
Artemisia tilesii ssp. elatior
Aster acuminatus
A. divaricatus
A. dumosus
A. lowrieanus
A. lutescens
A. ontarionis
A. pilosus var. demotus
A. prenanthoides
A. ptarmicoides var. *lutescens*
A. sericeus
A. shortii
A. subulatus
A. tradescantii var. *thyrsoides*
A. undulatus
A. vimineus
Bidens coronata
B. discoidea
Cacalia tuberosa
Chrysanthemum arcticum
C. bipinnatum ssp. *huronense*
Cirsium drummondii
C. pitcheri
C. pumilum ssp. hillii
Coreopsis lanceolata
C. tripteris
Eupatorium altissimum
E. coelestinum
E. purpureum
Gnaphalium purpureum var. purpureum
Hieracium gronovii
H. longipilum
H. paniculatum
H. venosum var. nudicaule
Hymenoxys acaulis var. glabra
Krigia biflora
K. virginica
Lactuca floridana
Liatris aspera var. intermedia
L. spicata
Mikania scandens
Polymnia canadensis
Ratibida columnifera
R. pinnata
Senecio glabellus
S. obovatus
Silphium perfoliatum
S. terebinthinaceum
Solidago arguta
S. houghtonii
S. jejunifolia
S. missouriensis
S. ohioensis
S. patula
S. puberula
S. riddellii
S. rigida var. rigida
S. sciaphila
S. speciosa var. angustata
S. uliginosa var. *jejunifolia*
S. ulmifolia
Tanacetum huronense
Vernonia altissima
V. missurica

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George W. Argus et David J. White

LES PLANTES VASCULAIRES RARES DE L'ONTARIO

Musée national des Sciences naturelles
Division de la Botanique
OTTAWA (Ontario) K1A 0M8

Juin 1977

PREFACE

Voici la première d'une série projetée de listes des plantes vasculaires rares des divers territoires et provinces du Canada. Deux versions préliminaires l'ont précédée, et ont servi de moyens de communication au sein de la collectivité botaniste et naturaliste de l'Ontario. Il a circulé plus de 75 listes sur lesquelles nous avons reçu une foule d'observations dont il est tenu compte dans la présente liste. Nous avons en mains des listes préliminaires pour les plantes rares de la Colombie-Britannique, de l'Alberta, de la Saskatchewan, du Manitoba, du Québec, de la Nouvelle-Écosse et de Terre-Neuve et du Labrador, à l'intention de ceux qui souhaiteraient contribuer à l'établissement des listes définitives pour ces provinces.

L'introduction de la liste est composée de deux grandes parties: la première (sections A à E) s'applique de façon générale à toutes les listes de plantes rares en préparation; la seconde partie (sections F à H) renferme l'information qui vise particulièrement la liste ontarienne. Après l'introduction vient la liste des plantes vasculaires rares de l'Ontario, une bibliographie et trois annexes, deux listes de noms rejetés et la liste systématique des plantes vasculaires rares de l'Ontario.

Nous nous rendons compte, cependant, que la documentation d'appui fait grandement défaut pour nombre des plantes inscrites, et qu'il reste encore fort à faire avant d'avoir la documentation aussi complete et exhaustive que possible. Il n'en reste pas moins que nous avons cherché à réunir les meilleures données disponibles à l'heure actuelle. Nous espérons donc que cette liste sera utile à toux ceux que préoccupe le milieu naturel, et nous accueillerons vos observations et suggestions, car nous projetons de la rééditer dès que le perfectionnement de nos connaissances au sujet des plantes vasculaires rares de l'Ontario le justifiera.

George W. Argus

David J. White

Janvier 1977

RÉVISIONS ET OBSERVATIONS

Priére de faire parvenir toute communication

à cette adresse:

Programme portant sur les plantes rares et menacées

Musée national des Sciences naturelles

Division de la Botanique

Ottawa, Ontario

K1A 0M8

Il y a lieu de joindre toute la documentation possible aux demandes de radiation ou d'inscription de plantes sur la liste.

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INTRODUCTION

De longue date, on reconnaît qu'il faudrait réunir des données scientifiques sur les plantes rares et menacées d'extinction au Canada pour justifier les mesures écologiques qui les protégeraient éventuellement. En 1973, la section de taxonomie et de phytogéographie de l'Association canadienne de Botanique formait donc un comité des plantes rares et menacées au Canada. Pour sa contribution au projet, l'Herbier national entreprenait alors de rassembler des données sur les plantes rares des divers provinces et territoires. Une fois réalisé, l'inventaire général devrait servir non seulement à la préservation d'espèces individuelles, mais aussi à la délimitation des aires qui, renfermant une florule unique à cause de leur habitat ou de leur climat, ont besoin de protection. Certaines plantes qui naguère appartenaient à la flore du Canada ont été frappées d'extinction ou d'éradication au cours des 75 dernières années. D'autres plantes sont devenues tellement rares qu'elles sont en voie d'éradiction totale, et certains habitats jadis étendus se sont modifiés si considérablement que la survivance de mainte espèce s'en trouve menacée. Encore que la préservation de certaines espèces puisse être assurée au niveau de l'individu (grâce à un jardin botanique, par exemple), il n'en faudra pas moins dans la plupart des cas en venir à conserver des aires géographiques suffisamment vastes pour protéger l'habitat de ces plantes uniques.

Dans la compilation de ces listes, nous ne nous sommes intéressés qu'aux plantes rares, faute des données nécessaires, dans le cas de la plupart des plantes de la flore canadienne, pour déterminer si elles étaient menacées d'extinction ou en voie de disparition.

À mesure qu'avançait le travail, nous avons davantage pris conscience de la pénurie de données même sur les plantes rares, et du besoin urgent d'enquêtes sur place et de recherches taxonomiques et phytogéographiques sur les plantes rares du Canada.

Si nous avons décidé d'établir un inventaire pour chaque province et chaque territoire plutôt qu'une liste nationale unique, c'est pour diverses raisons. Tout d'abord, il exite plus d'informations (dans les données et cartes publiées et inédites, aussi bien que d'après notre propre expérience) au niveau régional qu'au niveau national. D'autre part, si les plantes ont besoin d'être légalement protégées, les mesures législatives pertinentes relèvent des provinces, de sorte qu'il importe bien plus d'offrir aux autorités provinciales le plus d'information possible. De fait, certaines provinces ont déjà légiféré sur les especes menacées d'extinction, mais elles exigent tout de même une liste dûment documentée des plantes qu'il y aurait lieu de protéger légalement. Bien plus, il importe d'avoir des données sur les plantes rares ailleurs - en vue de déterminer les aires naturelles dont il faudrait spécialement tenir compte au sein de ces régions elles-mêmes.

A. Listes préliminaires

Au début, la compilation des listes préliminaires s'est faite à partir des publications notamment les flores régionales et locales, les monographies, les communications de phytogéographie et les revues spécialisées en botanique et en sciences naturelles, des listes de contrôle établies par le Programme biologique international de la conservation des milieux biologiques terrestres (IBP-CT), des communications personnelles et grâce à l'examen des spécimens de l'herbier du Musée des Sciences naturelles (CAN) et du ministère de l'Agriculture à Ottawa (DAO). Ces listes ont été distribuées à des botanistes et à d'autres chercheurs, accompagnées d'une demande d'observations et de renseignements complémentaires et c'est de cette démarche que résulte le présent inventaire.

Les plantes sont énumérées dans l'ordre alphabétique des noms scientifiques. Chaque rubrique comporte, dans la mesure du possible, les données suivantes: synonymes, références à l'appui de son titre de plante rare ou en voie de disparition, distribution au Canada et en Alaska, renvois à des cartes distributives et à des observations, publiées et inédites, relatives à sa rareté au Canada, mesures de protection et autres observations.

Une plante n'est inscrite que si elle est indigène et rare dans la province ou le territoire concerné, sans égard à sa présence dans les autres provinces et territoires. Il est tenu compte des espèces, des sous-espèces et des variétés, mais non des types ni des hybrides.

B. Définitions

Dans le présent texte, le mot *plante* signifie l'ensemble des individus désignés par un même nom de plante.

Une plante est dite *rare*, si elle n'a qu'une faible population réunie dans une aire réduite ou dispersée sur un vaste territoire au sein de la province concernée. Une aire est dite "réduite" si elle a une superficie comparable à la zone carolinienne de la forêt décidue, soit une bande d'environ 50 milles de large au nord immédiat du lac Érié dans le sud de l'Ontario, ou

encore l'étroite bande de toundra arctique le long du littoral de la baie d'Hudson.

Une plante est dite *menacée d'extinction* s'il est probable qu'elle sera en voie de disparition dans un avenir rapproché dans l'ensemble ou dans une partie notable de l'aire géographique qu'elle occupe dans une même province ou un même territoire.

Une plante est dite *en voie de disparition* quand elle est menacée d'éradication dans l'ensemble ou dans une partie notable de la circonscription géographique qu'elle occupe dans une même province ou un même territoire.

C. Présentation des listes

La nomenclature des listes n'est fondée sur aucune source particulière faisant autorité et les synonymes sont indiqués au besoin pour assurer la compréhension des renvois.

Afin de justifier au mieux l'inscription des plantes dans la liste, nous mentionnons les sources pertinentes dans le cas de chaque nom de plante. Il s'agit parfois d'une communication publiée comportant une carte distributive, ou encore d'une observation dans une flore locale, d'une communication personnelle émanant d'un expert, de spécimens figurant dans un des herbiers d'Ottawa, voire d'une carte distributive sur laquelle nous pouvons avoir fondé notre jugement. Dans certains cas, la documentation est complète et péremptoire, alors que dans d'autres elle n'est que superficielle ou désuète, et doit donc être vérifiée. Nous avons inscrit toutes les plantes pour lesquelles nous avons trouvé une référence valable pour en justifier la rareté, préférant pécher par excès de générosité plutôt que de rigueur. D'autre part, nous n'avons pas cherché, pour le moment, à réexaminer les spécimens utilisés pour étayer les rapports et les cartes distributives, ni à en vérifier l'identification. Néanmoins, au cours de l'épuration des listes, les spécimens seront étudiés et les erreurs, une fois décelées, corrigées. Il y a à l'Herbier national un dossier d'ouvert au sujet des plantes inscrites puis radiées, et les motifs de la radiation y sont indiqués. Les annexes comprennent le nom de certaines plantes radiées. L'annexe I (Rapports vérifiés) comprend les plantes radiées parce que leur inscription était fondée sur une erreur d'identification, sur une erreur d'étiquetage ou sur l'absence des spécimens eux-mêmes. L'annexe II (Plantes probablement ou sûrement allogènes) comprend les plantes dont on sait ou dont on se doute qu'elles sont étrangères à l'Ontario.

Un index de cartes distributives des plantes rares du Canada, publiées et inédites, est compilé, et les renvois à ces cartes fournis pour le plus grand nombre de plantes possible. Quand une carte mentionnée ne recouvre qu'une partie de l'ensemble de l'aire qu'elles occupent en Amérique du Nord, cette donnée se trouve fournie après la référence. La distribution générale au Canada et en Alaska est indiquée pour chaque plante d'après les cartes et publications disponibles. Nous avons traduit l'aire en termes de province et d'Etat en deux étages traversant en gros la région étudiée d'ouest en est. Le premier va de l'Alaska aux territoires (Aka-Y-TNO) et le second de la Colombie-Britannique au Labrador (CB-Alta-Sask-Man-Ont-Q-NB-ÎPÉ-NÉ-TN-Lab). Le trait d'union entre des provinces marque une distribution continue, et la virgule une distribution interrompue. L'étage de l'Alaska et des territoires constitue une exception; il est toujours suivi d'une virgule pour marquer la fin du premier étage.

Pour préciser le cas des plantes communes à une partie d'une province ou d'un territoire mais ayant également une petite population séparée dans une autre partie de la même province ou du même territoire, nous l'avons mentionné en décrivant l'aire géographique qu'elles occupent.

Enfin, il peut y avoir des observations concernant la rareté de la plante dans l'ensemble du Canada, qu'elle soit en voie de dispartition, éliminée ou peut-être même allogène dans la province concernée, concernant également son statut aux États-Unis, ou encore les mesures de protection dont bénéficie la plante.

Pour rendre service aux taxonomistes et à d'autres spécialistes qui trouveraient utile d'avoir une liste dans l'ordre taxonomique, nous avons ajouté à l'annexe III la liste des plantes rares et des synonymes, classés par ordre de familles suivant le Gray's Manual of Botany (Fernald, 1950). Au sein d'une même famille, les genres et les espèces se trouvent par ordre alphabétique.

D. Utilité des listes

Les listes serviront à fournir les données scientifiques nécessaires à la protection de certaines plantes rares. Les planificateurs et décisionnaires en matière de gestion du territoire auront besoin de savoir quelles sont les plantes appelant une attention particulière dans l'élaboration des projets de mise en valeur du territoire. Comme chaque plante fait l'objet d'une carte distributive, la zone de concentration des plantes rares est évidente, et l'on reconnaîtra facilement les habitats et les aires géographiques dont il faudrait protéger l'état naturel. Les botanistes et les autres naturalistes pourront se servir des listes pour y puiser le nom des plantes à vérifier sur place et à cartographier en détail. Il devrait en résulter une évaluation de l'état de la population des plantes rares, une définition des besoins écologiques et une amélioration de la

connaissance des causes qui menacent leur existence. Néanmoins, il faudra considérer comme temporaires ces listes tant que les plantes inscrites n'auront pas été dûment vérifiées sur place.

E. Projets d'avenir

À l'Herbier national, nous avons organisé un centre de collecte, d'entreposage et de publication de données sur la distribution, la population, les besoins écologiques et la répartition des plantes du Canada entre celles qui sont rares et celles en voie d'extinction. L'un des projets les plus importants consistera à cartographier, d'après la date de collection, les spécimens d'herbier, puis à vérifier sur place l'état actuel de la population de la plante concernée. Les zones comportant des plantes rares au sein des provinces et des territoires seront délimitées, et le besoin de protéger ces aires géographiques ou les habitats uniques qu'elles renferment sera défini. Nous espérons faire de ce centre une banque d'informations sur les plantes rares; il sera ouvert à tous les intéressés et il y sera publié régulièrement des listes et des rapports mis à jour sur certaines zones et sur des plantes particulières. Nous espérons aider les botanistes locaux à signaler l'existence de plantes en voie d'extinction, aux autorités compétentes, pour qu'il soit possible de prendre les mesures voulues pour en assurer la protection.

Évidemment, ni individu ni groupe d'individus ne connaît suffisamment toute la flore du Canada pour pouvoir mener à bien un projet d'une telle ampleur sans s'assurer de l'appui de tous les botanistes et des autres naturalistes. Nous vous demandons instamment de nous faire partager vos connaissances en nous faisant parvenir vos observations sur la présente liste. Il y a lieu de joindre toute la documentation possible aux demandes de radiation et d'inscription de plantes. S'il existe un spécimen, il convient d'annexer une copie, voire une photocopie, de l'étiquette. Nous cherchons les références ou les exemplaires de cartes distributives publiées et inédites. La banque de données sur les cartes distributives et d'informations sur les plantes rares sera ouverte à quiconque souhaiterait la consulter. Cependant, nous ne révèlerons pas l'emplacement exact de certaines plantes rares si l'informateur a demandé cette restriction ou si nous croyons cette mesure nécessaire pour protéger les populations concernées. Enfin les cartes distributives inédites ne sauraient être communiquées sans la permission du compilateur.

Les observations et les demandes de renseignements doivent être envoyées à l'adresse indiquée à la page 3.

F. La situation en Ontario

On s'inquiète de plus en plus en Ontario des menaces qui planent sur la flore et sur la faune. C'est ainsi qu'il y a maintenant des mesures législatives destinées à prévenir la disparition d'espèces et d'habitats: la loi de 1971 sur la protection des espèces menacées d'extinction, destinée à assurer la protection d'espèces et d'habitats menacés d'extinction ou d'éradication par diverses causes comme la destruction de certains habitats et la surexploitation, et la loi de 1970 sur les parcs provinciaux qui crée une catégorie distincte de parcs, les réserves écologiques, dont l'objet essentiel consiste à assurer la préservation intégrale des caractéristiques naturelles à des fins scientifiques et éducatives. Outre les parcs proprement dits, certaines zones de parcs déjà constitués peuvent être désignées pour en assurer la protection à titre de réserves écologiques.

Le milieu naturel soulève également bien des inquiétudes aux autres paliers de gouvernment. En effet, concurremment avec la planification de la politique officielle, certaines municipalités régionales, notamment Waterloo et Ottawa-Carleton, ont procédé à l'étude des zones écologiquement sensibles en raison de leur importance pour le bien-être de la collectivité.

La présente liste doit, d'après sa conception, servir d'inventaire des plantes dont on propose l'inscription au titre de la loi sur la protection des espèces menacées d'extinction, et de document d'appui en vue d'obtenir une protection spéciale en faveur des aires géographiques écologiquement sensibles et des réserves écologiques.

G. Caractéristiques distributives des plantes rares en Ontario

Les renseignements dont nous disposons ne nous autorise pas à analyser en détail les diverses caractéristiques distributives manifestées par les plantes rares de l'Ontario. Néanmoins, l'examen des cartes relatives à certaines de ces plantes montre qu'on peut les regrouper en plusieurs catégories en fonction de leur habitat et de leurs affinités géographiques. Aucune des plantes rares n'est l'apanage exclusif de la province: on les retrouve aussi toutes ailleurs. Elles se trouvent ici à la limite de leur aire géographique, soit sous forme de groupes très isolés, soit disséminées mais rares. Quelquefois même, on les retrouve dans des habitats inhabituels bien délimités ou dans des habitats peu répandus dans la province.

Le groupe le plus évident se compose des plantes d'affinités caroliniennes, qui se trouvent dans la zone de forêt décidue du sud de l'Ontario, comme: *Campsis radicans, Carya glabra, Cenchrus longispinus, Hydrastis canadensis, Iris brevicaulis, Jeffersonia diphylla,*

Magnolia acuminata, Nyssa sylvatica et *Sanicula canadensis*. Toutes ces plantes se trouvent ici à la limite septentrionale de leur aire géographique. Elles font généralement partie d'une distribution ininterrompue mais cerrtaines, telles *Tilia heterophylla* et *Triosteum angustifolium*, constituent des aires septentrionales isolées des circonscriptions mérédionales des mêmes plantes.

Il existe un groupe de plantes similaires ayant des affinités avec celles de la plaine côtière de l'Atlantique; la plupart d'entre-elles, notamment *Aster acuminatus, Pinus ridiga* et *Rhexia virginica*, se trouvent à la limite occidentale de leur aire géographique dans le sud-est de l'Ontario, alors que *Myrica pennsylvanica* constitue une aire isolée de la plaine côtière.

Les massifs détachés des Prairies et les alvars de calcaire du sud de l'Ontario, dans la presqu'île Bruce et l'île Manitoulin, renferment des plantes dont la principale aire géographique se trouve dans les grandes plaines de l'Amérique du Nord. C'est ainsi que des plantes comme *Amorpha canescens, Asclepias ovalifolia, Bouteloua curtipendula, Cirsium drummondii, Geum triflorum* et *Hymenoxys acaulis* ne se trouvent en Ontario que comme populations dispersées et séparées du plus grand nombre.

Nombre de plantes ayant des affinités avec l'Ouest, notamment avec les Rocheuses, existent en Ontario sous forme de populations isolées. Ainsi *Cystopteris montana, Dryas drummondii, Piperia unalascensis* et *Vaccinium ovalifolium* ne se trouvent en Ontario que dans la région des Grands Lacs. D'autres, comme *Festuca brachyphylla* et *Oxytropis splendens* occupent également des aires géographiques dans le nord de l'Ontario en plus de la région des Grands Lacs. D'autres par contre, comme *Astragalus americanus, Juncus ensifolius* et *Salix brachycarpa* ne se trouvent que dans le nord de l'Ontario, populations séparées de l'aire géographique principale dans l'Ouest.

Les habitats de la toundra sur le littoral de la baie d'Hudson et de la baie James renferment des espèces à affinités arctiques qui ne se retrouvent nulle part ailleurs en Ontario; *Armeria maritima, Draba alpina, Dupontia fisheri, Mertensia maritima Ranunculus pallasii* et *Salix arctophila* illustrent le cas des plantes de la toundra, qui ne se trouvent que dans le nord de l'Ontario, constituant la limite méridionale d'une aire ininterrompue. D'autres plantes telles *Festuca baffinensis, Hierochloe pauciflora, Montia fontana* et *Parnassia kotzebuei* se retrouvent le long du littoral septentrional, séparées du centre principal de population dans le nord.

Il existe également un certain nombre de plantes intéressantes ayant des affinités avec le nord, qui non seulement se retrouvent dans le nord de l'Ontario, mais qui ont également des populations exceptionnelles isolées dans des ravins et sur la paroi des falaises le long de la côte nord du lac Supérieur, notamment *Carex heleonastes, Tofieldia pusilla, Trisetum triflorum*, ssp. *molle*, et Woodsia glabella.

D'autres espèces encore ne se retrouvent en Ontario que dans la région des Grands Lacs, notamment les plantes exclusives à celle-ci: *Agropyron psammophilum, Arnica whitneyi, Cirsium pitcheri, Iris lacustris* et *Solidago houghtonii*. Ces plantes dispersées mais peu nombreuses où elles se trouvent restent les plus difficiles à documenter parce que les cartes distributives ne rendent pas vraiment compte de leur abondance, par exemple *Dryopteris goldiana, Fimbristylis drummondii* et les orchidacées *Cypripedium arietinum, Listera borealis, Platanthera flava* et *Platanthera leucophaea*.

Il est plus difficile de peser les données relatives aux plantes dont on a relevé la présence en Ontario au cours de l'histoire mais qui n'existent plus à l'état sauvage. Toutefois, nombre de plantes recueillies il y a cinquante ou cent ans ne l'ont pas été depuis, de sorte qu'il est fort possible qu'elles appartiennent à la catégorie des plantes éliminées, par exemple: *Aristida dichotoma, Cercis canadensis* (réapparue comme plante ornementale), *Mikania scandens, Platanthera ciliaris* et *Valerianella chenopodifolia*.

Encore qu'aucune plante rare ne soit exclusive à l'Ontario, il n'en manque pas qui se sont raréfiées d'un bout à l'autre de leur aire géographique, y compris en Ontario. Certaines plantes jadis répandues dans les prairies ou dans les forêts décidues du nord des États-Unis y sont désormais très rares. À cause de la profonde modification des habitats, de sorte que les populations ontariennes restent peut-être les seules populations viables de ces plantes. La seule consultation des cartes distributives ne rend pas évident que des plantes comme *Cypripedium candidum, Iris lacustris, Platanthera flava* et *Potamogeton hillii* sont devenues fort rares sur toute l'aire géographique qu'elles occupent aux États-Unis; elles figurent désormais à la liste, établie par la Smithsonian Institution, des espèces menacées aux États-Unis. *Phyllitis scolopendrium* var. *americanum* est l'une des quelques plantes rares dont la principale aire géographique se trouve en Ontario. On admet généralement que cette variété nord-américaine de fougère eurasienne est en voie de disparition aux États-Unis et peut-être menacée d'extinction d'un bout à l'autre de son aire géographique.

Une étude circonstanciée de la distribution et de l'écologie des plantes inscrites sur la présente liste devrait révéler de nouvelles caractéristiques distributives et écologiques. Néanmoins, il est bien évident d'après notre bref aperçu que l'Ontario possède des

habitats et des voisinages uniques de plantes qu'il faut protéger. Certaines de ces importantes zones naturelles jouissent déjà d'une certaine forme de protection, comme dans le cas des habitats de toundra au parc provincial de l'Ours polaire et dans les forêts décidues et les autres habitats méridionaux du Parc national de la Pointe-Pelée. Mais il n'en reste pas moins que bon nombre de plantes et d'habitats ne jouissent pas de la protection voulue et qu'il faudrait prendre les mesures nécessaires avant qu'elles disparaissent ou subissent des dommages irréparables.

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LISTE DES PLANTES VASCULAIRES RARES DE L'ONTARIO

Actinea acaulis var. *glabra* = *Hymenoxys acaulis* var. *glabra*

Actinea herbacea = *Hymenoxys acaulis* var. *glabra*

Actinomeris alternifolia (L.)DC.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada.

Adenocaulon bicolor Hook.
SOURCES: Kershaw 1976, Kershaw & Morton 1976 et cartes
REPARTITION: sCB–soAlta, scOnt
ONTARIO: Pén. Bruce
CARTE: Fernald 1935, Given & Soper 1976 Ont

Adoxa moschatellina L.
SOURCES: Kershaw 1976, Kershaw & Morton 1976, Reznicek 1975–76 et cartes
REPARTITION: Aka–TNO, CB–wOnt, localisé (Boivin 1967)
CARTE: Given & Soper 1976 Ont, Hultén 1971, Porsild 1966
CONDITIONS: En voie de disparition dans le Wisconsin (Read 1976).

Agalinis flava = *Aureolaria flava*

Agalinis gattingeri Small
(*Gerardia gattingeri* Small)
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Lac Ste–Clair
CARTE: Pennell 1935
CONDITIONS: Rare au Canada. Menacée dans le Wisconsin et le Michigan (Read 1976, Wagner 1976). Rare dans le Minnesota et l'Indiana (Morley 1972, Barnes 1975).

Agalinis skinneriana (Wood)Britt.
(*Gerardia skinneriana* Wood)
SOURCES: Kershaw 1976 et carte
REPARTITION: swOnt (Boivin 1967)
ONTARIO: Lac Ste–Clair
CARTE: Pennell 1935
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans l'Indiana (Barnes 1975).

Agalinis tenuifolia (Vahl)Raf. var. *parviflora* (Nutt.)Pennell
(*Gerardia tenuifolia* Vahl var. *parviflora* Nutt.)
SOURCES: Beschel et al. 1970, Cruise 1969, Stewart & James 1969 et carte
REPARTITION: seMan–soQ (Boivin 1967)
CARTE: Pennell 1935

Agastache nepetoides (L.)Ktze.
SOURCES: Cruise 1969, Stewart & James 1969 et carte
REPARTITION: Ont–soQ (Boivin 1967)
CARTE: Lint & Epling 1945
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans le Minnesota (Morley 1972).

Agastache scrophulariaefolia (Willd.)Ktze.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Lint & Epling 1945
CONDITIONS: Rare et peut–être éliminée du Canada.

Agrimonia parviflora Ait.
SOURCES: CAN, Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté d'Essex
CONDITIONS: Rare au Canada.

Agrimonia pubescens Wallr.
SOURCES: Cruise 1969, Kershaw 1976 et carte
REPARTITION: soOnt–soQ (Boivin 1967)
CARTE: Skalicky 1973
CONDITIONS: Rare au Canada.

Agropyron boreale (Turcz.) Drobov ssp. *boreale* (A. latiglume *auct.*)
SOURCES: CAN, Dore & McNeill 1976
REPARTITION: Aka–TNO, nMan–nOnt–nQ, Lab
ONTARIO: Baie d'Hudson
CARTE: Hultén 1968, Raup 1947

Agropyron latiglume = *A. boreale* ssp. *boreale*

Agropyron dasystachyum var. *psammophilum* = *A. psammophilum*

Agropyron psammophilum Gillett & Senn
(*Agropyron dasystachyum* (Hook.)Scribn. var. *psammophilum* (Gillett & Senn)E. Voss)
SOURCES: Cartes
REPARTITION: Ont (Boivin 1967)
ONTARIO: Grands Lacs
CARTE: Dore & McNeill 1976 Ont, Gillett & Senn 1961, Given & Soper 1976 Ont
CONDITIONS: Rare au Canada. Menacée dans le Wisconsin et le Michigan (Read 1976, Wagner 1976).

Aletris farinosa L.
SOURCES: Cruise 1969, Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada.

Allium cernuum Roth
SOURCES: Brunton 1974–76, Soper 1975–76
REPARTITION: CB–Sask, soOnt (Boivin 1967)

Allium stellatum Fraser
SOURCES: Brunton 1974–75, Reznicek 1975–76, Soper 1975–76
REPARTITION: Sask–oOnt (Boivin 1967)

Alopecurus alpinus Sm.
SOURCES: Cartes
REPARTITION: Aka, CB–nOnt–Q (Boivin 1967)
ONTARIO: Baie d'Hudson
CARTE: Dore & McNeill 1976 Ont, Hultén 1968, Porsild 1964

Amelanchier amabilis = *A. sanguinea* var. *grandiflora*

Amelanchier sanguinea (Pursh)DC. var. *grandiflora* (Wieg.)Rehder
(*A. amabilis* auct.)
SOURCES: Catling 1976b et carte
REPARTITION: sOnt–sQ
CARTE: McKay 1973 Ont, Cinq–Mars 1971 Q
CONDITIONS: Rare au Canada.

Ammania coccinea Rottb.
SOURCES: Campbell 1976, Kershaw 1976
REPARTITION: soCB, soOnt (Boivin 1967)
CONDITIONS: Rare au Canada. Eliminée dans la Pennsylvania (Wherry 1975).

Amorpha canescens Pursh
SOURCES: Kershaw 1976
REPARTITION: sMan–oOnt (Boivin 1967)
CARTE: Wilbur 1964
CONDITIONS: Rare dans le Michigan (Wagner 1976).

Andromeda polifolia L. ssp. *polifolia*
SOURCES: Cartes
REPARTITION: Aka–TNO, CB–nOnt–Q (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1968, Hultén 1971, Raup 1947, Soper & Heimburger 1976 Ont

Andropogon virginicus L.
SOURCES: Catling et al. 1977, Dore & McNeill 1976
REPARTITION: soOnt
ONTARIO: Cté de Norfolk
CARTE: Griggs 1913
CONDITIONS: Rare au Canada.

Anemonella thalictroides (L.)Spach.
(*Thalictrum thalictroides* (L.)Eames & Boivin)
SOURCES: Kershaw 1976 et carte
REPARTITION: sOnt
CARTE: Soper et al. 1963
CONDITIONS: Rare au Canada.

Antennaria farwellii Greene
SOURCES: FON 1969, Kershaw 1976, Kershaw & Morton 1976, Krotkov 1940
REPARTITION: scOnt (Fernald 1950)
ONTARIO: Pén. Bruce
CONDITIONS: Rare au Canada.

Antennaria subviscosa Fern.
SOURCES: Kershaw 1976, Kershaw & Morton 1976 et carte
REPARTITION: Y–TNO, nCB, nSask, nOnt, Q (Boivin 1967)
ONTARIO: Lac Supérieur
CARTE: Porsild 1966

Aplectrum hyemale (Muhl.)Nutt.
SOURCES: Beschel et al. 1970, Kershaw 1976, Lafontaine & White 1974 et cartes
REPARTITION: Sask, s&eOnt, soQ
CARTE: Auclair 1972, Case 1964 Grands Lacs, Luer 1975
CONDITIONS: Rare au Canada. Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats–Unis Protégée par la loi dans le Minnesota, le Wisconsin, l'Etat de New York (McGaugh & Genoways 1976)

Arabis alpina L.
SOURCES: Cartes
REPARTITION: TNO, Man–nOnt–Lab
ONTARIO: Baie d'Hudson
CARTE: Hopkins 1937 eCan, Hultén 1958, Porsild 1964

Arabis arenicola (Richards.)Gelert var. *pubescens* (Wats.)Gelert
SOURCES: Moir 1958 et cartes
REPARTITION: Aka, TNO, nOnt–nQ
ONTARIO: Baies d'Hudson et de James
CARTE: Cody 1971, Hopkins 1937 cCan, Hultén 1968

Arabis canadensis L.
SOURCES: Kershaw 1976
REPARTITION: sOnt–soQ (Boivin 1967)
CONDITIONS: Rare au Canada. En voie de disparition dans le New Hampshire (Hodgdon 1973).

Arabis drummondii Gray
SOURCES: Reznicek 1975–76 et cartes
REPARTITION: Aka–TNO, CB–Sask, ncOnt, sQ–Lab, localisé (Boivin 1967)
ONTARIO: Lac Supérieur
CARTE: Hopkins 1937, Hultén 1968, Porsild 1966, Rollins 1941
CONDITIONS: Rare dans l'Indiana (Barnes 1975).

Arabis holboellii Hornem.
SOURCES: Cartes
REPARTITION: Aka–TNO, CB–Ont, Q
CARTE: Given & Soper 1976 Ont, Hopkins 1937 eCan, Hultén 1968, Raup 1947
CONDITIONS: Rare dans le Minnesota (Morley 1972).

Arabis lyrata L. var. *lyrata*
SOURCES: Beschel et al. 1970, Cruise 1969, FON 1969, Krotkov 1940 et cartes
REPARTITION: Ont
ONTARIO: Grands Lacs
CARTE: Hopkins 1937, Hultén 1968
CONDITIONS: Rare au Canada.

Arabis perstellata E.L.Braun var. *shortii* Fern.
SOURCES: Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Pointe Pelée
CONDITIONS: Rare au Canada.

Arctagrostis latifolia (R.Br.)Griseb.
SOURCES: Moir 1958 et cartes
REPARTITION: Aka-TNO, nCB-nOnt-nQ, Lab
ONTARIO: Baie d'Hudson
CARTE: Dore & McNeill 1976 Ont, Hultén 1964, Hultén 1968, Porsild 1964

Arctophila fulva (Trin.)Anderss.
(*Colpodium fulvum* (Trin.)Griseb.)
SOURCES: Cartes
REPARTITION: Aka-TNO, Man-nOnt-Q (Boivin 1967)
ONTARIO: Baie d'Hudson
CARTE: Dore & McNeill 1976 Ont, Hultén 1968, Porsild 1964

Arctostaphylos alpina (L.)Spreng.
SOURCES: Cartes
REPARTITION: Aka-TNO, nCB, Man-nOnt-Q, TN-Lab
ONTARIO: Baie d'Hudson
CARTE: Hultén 1968, Hultén 1971, Porsild 1964
CONDITIONS: En voie de disparition dans le New Hampshire (Hodgdon 1973).

Arctostaphylos rubra (Rehd.& Wilson)Fern.
SOURCES: CAN, Moir 1958 et cartes
REPARTITION: Aka-TNO, CB-Sask, Man-nOnt-Q, TN-Lab
CARTE: Hultén 1968, Hultén 1971, Porsild 1964, Soper & Heimburger 1976 Ont

Arenaria humifusa Wahl.
SOURCES: Cartes
REPARTITION: Aka-TNO, CB-neOnt-Q, TN-Lab
ONTARIO: Baie de James
CARTE: Given & Soper 1976 Ont, Hultén 1958, Hultén 1968, Porsild 1964, Raymond 1950b

Arenaria macrophylla Hook.
SOURCES: Cartes
REPARTITION: TNO, CB, Sask, nOnt-nQ, Lab, localisé (Boivin 1967)
CARTE: Fernald 1925, Given & Soper 1976 Ont

Arenaria rubella Wahl.
(*Minuartia rubella* (Wahl.) Graebn.)
SOURCES: CAN, Moir 1958 et cartes
REPARTITION: Aka-TNO, CB-Alta, nOnt-nQ, TN-Lab
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1968, Meusel et al. 1965, Porsild 1964

Arisaema dracontium (L.)Schott
SOURCES: Cruise 1969, IBP-CT 1974, Kershaw 1976, Stewart & James 1969 et carte
REPARTITION: soOnt-soQ (Boivin 1967)
CARTE: Marie-Victorin 1931
CONDITIONS: Rare au Canada. En voie de disparition dans le New Hampshire (Hodgdon 1973). Rare dans le Minnesota (Morley 1972).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976, Zander 1976).

Aristida basiramea Engelm.
SOURCES: Catling et al. 1977, Reznicek 1975-76 et carte
REPARTITION: soOnt
ONTARIO: Cté de Norfolk et cté de Simcoe
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U
CONDITIONS: Rare au Canada.

Aristida dichotoma Michx.
SOURCES: Catling et al. 1977, Kershaw 1976, et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Port Colborne
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U
CONDITIONS: Rare au Canada; peut-être éliminée de l'Ontario (Dore & McNeil 1976). Menacée d'extinction dans le Michigan (Wagner 1976).

Aristida longespica Poir.
SOURCES: Catling et al. 1977, Reznicek 1975-76 et carte
REPARTITION: soOnt
ONTARIO: Cté de Kent
CARTE: Dore & McNeill 1976 Ont
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Michigan (Wagner 1976).

Aristida necopina Shinners
SOURCES: Catling et al. 1977, Reznicek 1975-76 et carte
REPARTITION: soOnt
ONTARIO: Cté de Norfolk et cté de Kent
CARTE: Dore & McNeill 1976 Ont
CONDITIONS: Rare au Canada; peut-être allogène (Dore & McNeill 1976). Menacée d'extinction dans le Michigan (Wagner 1976).

Aristida purpurascens Poir.
SOURCES: Catling et al. 1977, Dore 1975, Kershaw 1976, et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Windsor
CARTE: Dore & McNeill 1976 Ont
CONDITIONS: Rare au Canada; peut-être éliminée de l'Ontario (Dore & McNeil 1976).

Armeria maritima (Mill.)Willd. ssp. *labradorica* (Wall.)Lawr.
SOURCES: Moir 1958 et cartes
REPARTITION: TNO, nOnt-nQ, TN-Lab
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1958, Lawrence 1947, Porsild 1964

Arnica alpina (L.)Olin ssp. *angustifolia* (Vahl)Maquire
SOURCES: Moir 1958, Reznicek 1975–76 et cartes
REPARTITION: Aka–TNO, nCB–nOnt–nQ (Boivin 1967)
ONTARIO: Baie d'Hudson
CARTE: Hultén 1958, Hultén 1968, Maguire 1943, Porsild 1964

Arnica chionopappa = *A. lonchophylla* ssp. *chionopappa*

Arnica lonchophylla Greene ssp. *chionopappa* (Fern.)Maquire
(*A. chionopappa* Fern.)
SOURCES: Kershaw 1976, Kershaw & Morton 1976 et carte
REPARTITION: oOnt–sQ, NE, TN (Roland & Smith 1963–69)
CARTE: Hultén 1968, Maguire 1943

Arnica lonchophylla Greene ssp. *lonchophylla*
SOURCES: Cartes
REPARTITION: Aka–TNO, CB–noOnt
CARTE: Given & Soper 1976 Ont, Hultén 1968, Maguire 1943

Arnica whitneyi Fern.
SOURCES: Reznicek 1975–76 et cartes
REPARTITION: Ont
ONTARIO: Grands Lacs
CARTE: Given & Soper 1976 Ont, Hultén 1968
CONDITIONS: Rare au Canada. En voie de disparition dans le Michigan (Wagner 1976).

Artemisia tilesii Ledeb. ssp. *elatior* (T.& G.)Hult.
SOURCES: Cartes
REPARTITION: Aka–TNO, CB–Alta, Man, neOnt
ONTARIO: Baie de James
CARTE: Cody 1971, Hultén 1968, Porsild 1964

Asclepias exaltata L.
SOURCES: CAN, Kershaw 1976 et carte
REPARTITION: sOnt (Boivin 1967)
CARTE: Woodson 1954
CONDITIONS: Rare au Canada.

Asclepias hirtella (Pennell)Woodson
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté d'Essex
CARTE: Woodson 1954
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Michigan (Wagner 1976).

Asclepias lanuginosa Nutt.
(*A. nuttalliana* auct.)
SOURCES: Boivin 1967–72, Kershaw 1976, Reznicek 1975–76
REPARTITION: scMan–soOnt
CARTE: Woodson 1954
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976).

Asclepias nuttalliana = *A. lanuginosa*

Asclepias ovalifolia Dcne.
SOURCES: Reznicek 1975–76
REPARTITION: Alta–oOnt (Boivin 1967)
CARTE: Woodson 1954
CONDITIONS: Menacée d'extinction dans le Michigan (Wagner 1976).

Asclepias purpurascens L.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Woodson 1954
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976). Rare dans le Minnesota (Morley 1972).

Asclepias quadrifolia Jacq.
SOURCES: Beschel et al. 1970, Kershaw 1976 et carte
REPARTITION: sOnt (Boivin 1967)
CARTE: Woodson 1954
CONDITIONS: Rare au Canada. En voie de disparition dans le New Hampshire (Hodgdon 1973).

Asclepias sullivantii Engelm.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté d'Essex
CARTE: Woodson 1954
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976). Menacée d'extinction dans le Michigan (Wagner 1976). Rare dans le Minnesota (Morley 1972).

Asclepias verticillata L.
SOURCES: Carte
REPARTITION: seSask–sMan, soOnt (Boivin 1967)
CARTE: Woodson 1954
CONDITIONS: Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).

Asclepias viridiflora Raf.
SOURCES: Carte
REPARTITION: sCB–sMan, sOnt (Boivin 1967, Boivin 1967–72)
CARTE: Woodson 1954
CONDITIONS: Rare au Canada.

Asimina triloba (L.)Dunal
SOURCES: Cruise 1969, IBP–CT 1974, Kershaw 1976, Stewart & James 1969 et cartes
REPARTITION: sOnt
CARTE: Bowden & Miller 1951 Ont–nE–U, Fox & Soper 1952 Ont, Hosie 1969 Can, Soper & Heimburger 1976 Ont
CONDITIONS: Rare au Canada.

Asplenium cryptolepis = *A. ruta–muraria* ssp. *cryptolepis*

Asplenium platyneuron (L.)Oakes
SOURCES: Beschel et al. 1970, Britton 1976, Brunton 1974–75, Catling 1974, FON 1969, Kershaw 1976, Lafontaine & White 1974
REPARTITION: Ont–sQ (Boivin 1967)
CONDITIONS: Rare au Canada.

Asplenium ruta-muraria L. ssp. *cryptolepis* (Fern.)Clausen & Wahl
SOURCES: Britton 1976, FON 1969, Kershaw 1976, Krotkov 1940, Lafontaine 1974, Soper 1963 et cartes
REPARTITION: scOnt
ONTARIO: Pén. Bruce et île Manitoulin
CARTE: Fernald 1935, Given & Soper 1976 Ont, Hultén 1964
CONDITIONS: Rare au Canada. Eliminée dans l'Illinois (Paulson & Schwegman 1976). Menacée d'extinction dans le Michigan (Wagner 1976). Rare dans l'Indiana (Barnes 1975).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976 et le Vermont (Vermont 1957, 1974).

Asplenium viride Huds.
SOURCES: Britton 1976, Catling 1974, FON 1969, IBP-CT 1974, Krotkov 1940 et cartes
REPARTITION: Aka-TNO, CB-Alta, Ont-TN
CARTE: Hultén 1964, Soper 1963 Ont
CONDITIONS: Peut-être éliminée dans le Wisconsin (Read 1976). Rare dans le Michigan (Wagner 1976).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976 et le Vermont (Vermont 1957, 1974).

Aster acuminatus Michx.
SOURCES: CAN, Reznicek 1975-76 et carte
REPARTITION: sOnt-TN (Boivin 1967)
CARTE: Dansereau 1952, Pike 1970

Aster divaricatus L.
SOURCES: Beschel et al. 1970, Cruise 1969, Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Aster dumosus L.
SOURCES: Beschel et al. 1970
REPARTITION: soOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Aster lowrieanus Porter
SOURCES: Beschel et al. 1970, Cruise 1969, Stewart & James 1969
REPARTITION: soOnt-soQ (Boivin 1967)
CONDITIONS: Rare au Canada.

Aster lutescens (Lindl.)T.& G.
(*A. ptarmicoides*(Nees)T.& G. var. *lutescens* (Lindl.)Gray)
SOURCES: FON 1969, Krotkov 1940
REPARTITION: Sask-scOnt (Fernald 1950)
ONTARIO: Pén. Bruce

Aster ontarionis Wieg.
(*A. tradescantii* L. var. *thyrsoides* (Gray)Boivin)
SOURCES: Beschel et al. 1970, Lafontaine & White 1974
REPARTITION: Ont-Q (Boivin 1967)

Aster pilosus Willd. var. *demotus Blake*
SOURCES: DAO, CAN
REPARTITION: sOnt (Boivin 1967)
ONTARIO: Ile Toronto
CONDITIONS: Rare et peut-être éliminée du Canada. Rare dans le Minnesota (Morley 1972).

Aster prenanthoides Muhl.
SOURCES: Cruise 1969, Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté d'Elgin
CARTE: Shull 1904
CONDITIONS: Rare au Canada.

Aster ptarmicoides var. *lutescens* = *A. lutescens*

Aster sericeus Vent.
SOURCES: Kershaw 1976, Reznicek 1975-76
REPARTITION: sMan-oOnt (Boivin 1967)
CARTE: Bare & McGregor 1970 cE-U
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Michigan (Wagner 1976). Rare dans l'Indiana (Barnes 1975).

Aster shortii Lindl.
SOURCES: Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Pointe Pelée
CARTE: Avers 1953
CONDITIONS: Rare au Canada. Rare dans le Minnesota (Morley 1972).

Aster subulatus Michx.
SOURCES: DAO, Kershaw 1976
REPARTITION: soOnt, NB (Boivin 1967)
ONTARIO: Windsor
CONDITIONS: Rare au Canada.

Aster tradescantii var. *thyrsoides* = *A. ontarionis*

Aster undulatus L.
SOURCES: Cruise 1969, Soper 1975-76 et carte
REPARTITION: sOnt, soNE (Boivin 1967)
CARTE: Avers 1953
CONDITIONS: Rare au Canada. Rare dans le Minnesota (Morley 1972).

Aster vimineus Lam.
SOURCES: Beschel et al. 1970, Kershaw 1976, Stewart & James 1969
REPARTITION: soOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Astragalus adsurgens Pall. var. *robustior* Hook.
SOURCES: Cartes
REPARTITION: Aka-TNO, CB-Man, ncOnt
ONTARIO: Lac Supérieur
CARTE: Barneby 1964, Hultén 1968

Astragalus agrestis Dougl.
SOURCES: Cartes
REPARTITION: Y-TNO, CB-Man, neOnt
ONTARIO: Baie de James
CARTE: Barneby 1964, Hultén 1968

Astragalus americanus (Hook.)M.E.Jones
SOURCES: Cartes
REPARTITION: Aka-TNO, CB-nOnt
ONTARIO: Baie d'Hudson
CARTE: Barneby 1964, Hultén 1968

Astragalus eucosmus Robins.
SOURCES: Reznicek 1975-76 et cartes
REPARTITION: Aka-Y, CB-Sask, Man, nOnt
ONTARIO: Baies d'Hudson et de James
CARTE: Barneby 1964, Hultén 1968, Porsild 1964

Astragalus neglectus (T.& G.)Sheldon
SOURCES: Beschel et al. 1970, Cruise 1969 et carte
REPARTITION: seMan-Ont (Boivin 1967-72)
CARTE: Barneby 1964
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976).

Athyrium pycnocarpon (Spreng.)Tid.
SOURCES: Beschel et al. 1970, Britton 1976, Brunton 1974-75, Catling 1974, FON 1969
REPARTITION: Ont-soQ (Boivin 1967)
CARTE: Raymond 1950b eCan
CONDITIONS: En voie de disparition dans le New Hampshire (Hodgdon 1973). Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans le Minnesota (Morley 1972).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976).

Aureolaria flava (L.)Farw.
(*Agalinis flava* (L.)Boivin)
SOURCES: Cruise 1969, Kershaw 1976 et cartes
REPARTITION: soOnt
CARTE: Pennell 1935, Soper 1962 Ont
CONDITIONS: Rare au Canada.

Aureolaria pedicularia (L.)Raf.
SOURCES: Cruise 1969, Kershaw 1976 et cartes
REPARTITION: soOnt
CARTE: Pennell 1935, Soper 1962 Ont
CONDITIONS: Rare au Canada. Rare dans le Minnesota et l'Indiana (Morley 1972, Barnes 1975).

Aureolaria virginica (L.)Pennell
SOURCES: Cruise 1969, Kershaw 1976 et cartes
REPARTITION: soOnt
ONTARIO: Région de Niagara et cté de Waterloo
CARTE: Pennell 1935, Soper 1962 Ont
CONDITIONS: Rare au Canada.

Azolla caroliniana Willd.
SOURCES: Kershaw 1976, Soper 1975-76
REPARTITION: soOnt
ONTARIO: Hamilton
CONDITIONS: Rare et peut-être éliminée du Canada (Soper 1949). Rare dans l'Indiana (Barnes 1975).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976).

Baptisia tinctoria (L.)R.Br.
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt
CARTE: Larisey 1940, Soper 1962 Ont
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976). Rare dans le Minnesota et l'Indiana (Morley 1972, Barnes 1975).

Bartonia paniculata Michx. ssp. *paniculata*
SOURCES: Cartes
REPARTITION: sOnt
ONTARIO: Dist. de Muskoka
CARTE: Gillett 1959, Reznicek & Whiting 1975 Ont
CONDITIONS: Rare au Canada.

Bartonia virginica L.
SOURCES: Kershaw 1976, Wellwood 1975 et cartes
REPARTITION: sOnt, soQ, NE
CARTE: Gillett 1959, Gillett 1963, Reznicek & Whiting 1975 Ont. Soper 1960 Ont
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans le Minnesota (Morley 1972).

Bartsia alpina L.
SOURCES: Moir 1958, Reznicek 1975-76 et carte
REPARTITION: eTNO, nMan-nOnt-Q, TN-Lab
CARTE: Hultén 1958, Porsild 1964

Berula erecta (Huds.)Cov. var. *incisa* (Torr.)Cronq.
SOURCES: Kershaw 1976
REPARTITION: sCB, soOnt (Boivin 1967)
ONTARIO: Port Colborne
CONDITIONS: Rare au Canada; peut-être éliminée de l'Ontario (Scoggan 1976).

Betula lenta L.
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt
ONTARIO: Port Dalhousie
CARTE: Fox & Soper 1954 Ont, Hosie 1969 Can, Little 1971, Soper 1960 Ont
CONDITIONS: Rare au Canada.

Bidens coronata (L.)Britt.
SOURCES: Cruise 1969, Kershaw 1976
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Bidens discoidea (T.& G.)Britt.
SOURCES: Beschel et al. 1970
REPARTITION: sOnt-Q, NE (Boivin 1967)
CONDITIONS: Rare au Canada. Rare dans le Minnesota (Morley 1972).

Blephilia ciliata (L.)Benth.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Ile Pelée et lac Ste-Clair
CARTE: Soper 1960 Ont
CONDITIONS: Rare au Canada.

Blephilia hirsuta (Pursh)Benth.
SOURCES: Carte
REPARTITION: soOnt–soQ (Boivin 1967)
ONTARIO: Cté de Lambton
CARTE: Soper 1960 Ont
CONDITIONS: Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).

Botrychium lanceolatum (Gmel.)Rupr. var. *angustisegmentum* Pease & Moore
SOURCES: Beschel et al. 1970, Britton 1976, Brunton 1974–75 et cartes
REPARTITION: Ont–TN
CARTE: Clausen 1938, Hultén 1958, Hultén 1968
CONDITIONS: Menacée d'extinction dans le Wisconsin (Read 1976). Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974). Rare dans le Minnesota (Morley 1972).

Bouteloua curtipendula (Michx.)Torr.
SOURCES: Reznicek 1975–76 et carte
REPARTITION: seSask–sOnt (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Gould & Kapadia 1962
CONDITIONS: Menacée d'extinction dans le Michigan (Wagner 1976).

Bromus pubescens Muhl.
(*B. purgans* auct.)
SOURCES: Beschel et al. 1970, Dore 1959, Stewart & James 1969 et carte
REPARTITION: TNO, Alta–sOnt–NB (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Wagnon 1952

Bromus pumpellianus Scribn.
SOURCES: Cartes
REPARTITION: Aka–TNO, CB–Man, Ont
CARTE: Dore & McNeill 1976 Ont, Elliot 1949, Guire & Voss 1963 Grands Lacs

Bromus purgans = *B. pubescens*

Buchnera americana L.
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté de Lambton
CARTE: Pennell 1935, Soper 1962 Ont
CONDITIONS: Rare au Canada. Eliminée dans le Michigan (Wagner 1976). Rare dans l'Indiana (Barnes 1975).

Bulbostylis capillaris (L.)C.B.Clarke
SOURCES: Beschel et al. 1970, Brunton 1974–75, Cruise 1969, IBP–CT 1974, Reznicek 1975–76 et carte
REPARTITION: Ont–soQ (Boivin 1967)
CARTE: Kral 1971 E–U, Soper 1960 Ont
CONDITIONS: Rare au Canada.

Cacalia tuberosa Nutt.
SOURCES: FON 1969, Kershaw 1976, Krotkov 1940 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté d'Huron et cté de Bruce
CARTE: Soper 1977 Ont
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976).

Calamagrostis lacustris (Kearn.)Nash
SOURCES: Dore & McNeill 1976, Reznicek 1975–76, Soper 1975–76 et carte
REPARTITION: nOnt–oQ, soTN (Fernald 1950)
CARTE: Dutilly & Lepage 1963 Ont–Q
CONDITIONS: Menacée d'extinction dans le Michigan (Wagner 1976).

Calamagrostis purpurascens R.Br.
SOURCES: Kershaw 1976, Kershaw & Morton 1976 et cartes
REPARTITION: Aka–TNO, CB–ncOnt–Q, TN (Boivin 1967)
ONTARIO: Lac Supérieur
CARTE: Dore & McNeill 1976 Ont, Hultén 1968, Porsild 1964, Raup 1947

Calamovilfa longifolia (Hook.)Scribn. var. *longifolia*
SOURCES: Dore & McNeill 1976, FON 1969, Krotkov 1940 et cartes
REPARTITION: sCB–Ont (Boivin 1967)
CARTE: Thieret 1960, Thieret 1966
CONDITIONS: Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans l'Indiana (Barnes 1975).

Calamovilfa longifolia (Hook.)Scribn. var. *magna* Scribn.& Merr.
SOURCES: Cartes
REPARTITION: sOnt (Boivin 1967)
ONTARIO: Lac Huron
CARTE: Dore & McNeill 1976 Ont, Thieret 1960, Thieret 1966
CONDITIONS: Rare au Canada.

Caltha natans Pall.
SOURCES: Reznicek 1975–76, Senn 1941 et carte
REPARTITION: Aka, TNO, CB–Man, oOnt (Boivin 1967)
CARTE: Hultén 1968

Camassia scilloides (Raf.)Cory
SOURCES: CAN, Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté d'Essex
CARTE: Gould 1942, Soper 1960 Ont, Wood 1970
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976). Menacée dans le Michigan et la Pennsylvanie (Wagner 1976, Wherry 1975).

Campanula americana L.
SOURCES: Beschel et al. 1970, Cruise 1969, Kershaw 1976, Stewart & James 1969 et carte
REPARTITION: sOnt (Boivin 1967)
CARTE: Fernald 1941
CONDITIONS: Rare au Canada.

Campsis radicans (L.)Seem.
SOURCES: Beschel et al. 1970, Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté d'Essex et cté de Kent
CARTE: Soper 1956 Ont, Soper & Heimburger 1976 Ont
CONDITIONS: Rare au Canada; éliminée en Ontario mais cultivée (Dore 1975, Soper 1956).

Cardamine douglasii Britt.
SOURCES: Kershaw 1976
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Carex amblyorhyncha Krecz.
SOURCES: Cartes
REPARTITION: Aka-TNO, nMan-nOnt-nQ
ONTARIO: Baies d'Hudson et de James
CARTE: Dutilly et al. 1958, Hultén 1964, Hultén 1968, Porsild 1964

Carex amphibola var. *turgida* = *C. grisea*

Carex atrata L.
SOURCES: Cartes
REPARTITION: Aka, CB-Alta, nOnt, Q
CARTE: Given & Soper 1976 Ont, Hultén 1958, Raymond 1950a eCan

Carex atrofusca Schkuhr
SOURCES: Moir 1958 et cartes
REPARTITION: Aka-TNO, nOnt-Q
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1964, Porsild 1964

Carex careyana Torr.
SOURCES: Kershaw 1976, Reznicek 1975-76
REPARTITION: sOnt (Fernald 1950)
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976). Menacée dans la Pennsylvanie (Wherry 1975).

Carex conoidea Schkuhr
(*C. katahdinensis* Fern.)
SOURCES: Beschel et al. 1970, Kershaw 1976, Reznicek 1975-76 et carte
REPARTITION: Ont-NB, NE, TN (Boivin 1967)
CARTE: Raymond 1951 eCan
CONDITIONS: Rare dans le Minnesota et l'Indiana (Morley 1972, Barnes 1975).

Carex davisii Schwein.& Torr.
SOURCES: Campbell & Reznicek 1976, Kershaw 1976
REPARTITION: soOnt-Q
ONTARIO: Ile Pelée
CONDITIONS: Rare au Canada. Rare dans le Minnesota et le Michigan (Morley 1972, Wagner 1976).

Carex folliculata L.
SOURCES: Beschel et al. 1970
REPARTITION: Ont-TN (Boivin 1967)
CONDITIONS: Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans le mid-ouest des Etats-Unis (Barnes, Tans & Read 1975).

Carex formosa Dewey
SOURCES: Beschel et al. 1970, Kershaw 1976
REPARTITION: sOnt-soQ (Boivin 1967)
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976). Rare dans le Minnesota (Morley 1972).

Carex frankii Kunth
SOURCES: Kershaw 1976, Reznicek 1975-76
REPARTITION: sOnt
CONDITIONS: Rare au Canada. Rare dans le Michigan (Wagner 1976).

Carex gravida Bailey
SOURCES: Kershaw 1976, Reznicek 1975-76
REPARTITION: seSask, soOnt (Boivin 1967)
CONDITIONS: Rare au Canada. Rare dans le Michigan et l'Indiana (Wagner 1976, Barnes 1975).

Carex grisea Wahl.
(*C. amphibola* Steud. var. *turgida* Fern.)
SOURCES: Brunton 1974-75, Cruise 1969
REPARTITION: sOnt-NB (Boivin 1967)

Carex haydenii Dewey
SOURCES: Beschel et al. 1970, Brunton 1974-75, Reznicek 1975-76
REPARTITION: Ont-NB (Boivin 1967)
CONDITIONS: Rare dans le Michigan (Wagner 1976).

Carex heleonastes L.f.
SOURCES: Kershaw 1976, Kershaw & Morton 1976, Reznicek 1975-76 et cartes
REPARTITION: Aka-TNO, Alta-Man, nOnt-nQ (Boivin 1967)
ONTARIO: Disjoint Baie de James et Lac Supérieur
CARTE: Hultén 1964, Hultén 1968

Carex hirsutella Mack.
SOURCES: Kershaw 1976, Reznicek 1975-76
REPARTITION: Ont-soQ (Boivin 1967)
CONDITIONS: Rare au Canada.

Carex hookerana Dewey
SOURCES: Reznicek 1975-76 et carte
REPARTITION: Alta-oOnt (Boivin 1967)
CARTE: Given & Soper 1976 Ont

Carex jamesii Schwein.
SOURCES: Kershaw 1976, Reznicek 1975-76
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Carex katahdinensis = *C. conoidea*

Carex laevivaginata (Kukenth.)Mack.
SOURCES: CAN, Kershaw 1976
REPARTITION: sOnt (Scoggan 1976)
ONTARIO: Cté de Grey et cté d'Ontario
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976). Rare dans le Minnesota (Morley 1972).

Carex laxiculmis Schwein.
SOURCES: CAN, Kershaw 1976
REPARTITION: sOnt-Q (Boivin 1967)
CONDITIONS: Rare au Canada.

Carex laxiflora Lam. var. *gracillima* (Boott)Robins.& Fern.
SOURCES: Reznicek 1975–76
REPARTITION: sOnt–soQ (Boivin 1967)

Carex leavenworthii Dewey
SOURCES: Kershaw 1976, Reznicek 1975–76
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Pointe Pelée
CONDITIONS: Rare au Canada.

Carex lupuliformis Sartw.
SOURCES: Kershaw 1976, Reznicek 1975–76 et carte
REPARTITION: soOnt, soQ (Boivin 1967)
ONTARIO: Galt
CARTE: Reznicek & Ball 1974
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976).

Carex miliaris Michx.
(*C. saxatilis* L. var. *miliaris* (Michx.)Bailey)
SOURCES: Moir 1958 et cartes
REPARTITION: nMan–nOnt–Q, Lab
CARTE: Hultén 1964, Porsild 1964

Carex muskingumensis Schwein.
SOURCES: Kershaw 1976, Reznicek 1975–76
REPARTITION: soOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Carex nigra (L.)Reichard
SOURCES: Carte
REPARTITION: neOnt–Q, NB–Lab
ONTARIO: Baie de James
CARTE: Hultén 1958

Carex novae–angliae Schwein.
SOURCES: Reznicek 1975–76
REPARTITION: Ont–NE, TN (Boivin 1967)

Carex oligocarpa Schkuhr
SOURCES: Beschel et al. 1970, Kershaw 1976, Reznicek 1975–76
REPARTITION: sOnt–soQ (Boivin 1967)
CONDITIONS: Rare au Canada. Rare dans le Michigan (Wagner 1976).

Carex prasina Wahl.
SOURCES: Beschel et al. 1970, Reznicek 1975–76
REPARTITION: sOnt–soQ (Boivin 1967)
CARTE: Raymond 1950b eCan
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976).

Carex richardsonii R.Br.
SOURCES: Reznicek 1975–76 et carte
REPARTITION: CB–Q (Boivin 1967)
CARTE: Raup 1930
CONDITIONS: Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans le Michigan et l'Indiana (Wagner 1976, Barnes 1975).

Carex rossii Boott
SOURCES: Cartes
REPARTITION: Aka–TNO, CB–Man, ncOnt
ONTARIO: Dist. de Thunder Bay
CARTE: Given & Soper 1976 Ont, Hultén 1968, Raup 1930
CONDITIONS: Rare dans le Minnesota et le Michigan (Morley 1972, Wagner 1976).

Carex saxatilis var. *miliaris* = *C. miliaris*

Carex schweinitzii Dewey
SOURCES: Kershaw 1976, Scoggan 1976
REPARTITION: soOnt (Boivin 1967)
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976).

Carex shortiana Dewey
SOURCES: Kershaw 1976, Reznicek 1975–76 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: River Canard
CARTE: Meusel et al. 1965
CONDITIONS: Rare au Canada.

Carex squarrosa L.
(*C. typhina* Michx.)
SOURCES: Kershaw 1976, Reznicek 1975–76
REPARTITION: sOnt–soQ (Boivin 1967)
CARTE: Raymond 1950b PQ
CONDITIONS: Rare dans le Michigan (Wagner 1976).

Carex supina Willd. ssp. *spaniocarpa* (Steud.)Hult.
SOURCES: Kershaw & Morton 1976 et cartes
REPARTITION: Aka–TNO, CB–Alta, Man, ncOnt, Q
ONTARIO: Lac Supérieur
CARTE: Given & Soper 1976 Ont, Hultén 1964, Porsild 1964

Carex swanii (Fern.)Mack.
SOURCES: Kershaw 1976, Reznicek 1975–76
REPARTITION: Ont–Q, NE
CARTE: Raymond 1951 eCan
CONDITIONS: Rare au Canada. Peut–être éliminée dans le Wisconsin (Read 1976).

Carex tetanica Schkuhr var. *woodii* (Dewey)Wood
(*C. woodii* Dewey)
SOURCES: Beschel et al. 1970, Kershaw 1976
REPARTITION: Man–Ont (Boivin 1967)
CONDITIONS: Rare au Canada. Rare dans l'Indiana (Barnes 1975).

Carex torta Boott
SOURCES: Reznicek 1975–76
REPARTITION: Ont–NB, NE (Boivin 1967)

Carex trichocarpa Muhl.
SOURCES: Beschel et al. 1970, Kershaw 1976, Reznicek 1975–76
REPARTITION: soOnt–soQ (Boivin 1967)
CARTE: Core 1968
CONDITIONS: Rare au Canada. Rare dans le Minnesota, le Michigan et l'Indiana (Morley 1972, Wagner 1976, Barnes 1975).

Carex typhina = *C. squarrosa*

Carex virescens Muhl.
SOURCES: Reznicek 1975–76
REPARTITION: sOnt–soQ, NE (Boivin 1967)

Carex willdenowii Schkuhr
SOURCES: Kershaw 1976
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Carex woodii = *C. tetanica* var. *woodii*

Carya glabra (Mill.)Sweet
SOURCES: Kershaw 1976, Lafontaine 1974 et cartes
REPARTITION: soOnt
CARTE: Fox & Soper 1954 Ont, Hosie 1969 Can, Little 1971
CONDITIONS: Rare au Canada.

Carya laciniosa (Michx.)Loud.
SOURCES: IBP–CT 1974, Kershaw 1976, Lafontaine 1974 et cartes
REPARTITION: soOnt
CARTE: Fox & Soper 1954 Ont, Hosie 1969 Can, Little 1971, Soper 1960 Ont
CONDITIONS: Rare au Canada. Rare dans le Michigan (Wagner 1976).

Cassia hebecarpa Fern.
(*C. marilandica* auct.)
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Soper 1956 Ont, Soper 1960 Ont
CONDITIONS: Rare au Canada. Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).

Cassia marilandica = *C. hebecarpa*

Castanea dentata (Marsh.)Borkh.
SOURCES: Cruise 1969, IBP–CT 1974, Kershaw 1976, Stewart & James 1969 et cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Baxter 1930, Fox & Soper 1953 Ont, Hosie 1969 Can, Soper 1960 Ont
CONDITIONS: En voie de disparition dans le Michigan (Wagner 1976).
PROTECTION: Protégée par la loi dans l'Indiana (McGaugh & Genoways 1976).

Castilleja raupii Pennell
SOURCES: Moir 1958 et cartes
REPARTITION: Aka–TNO, CB–nOnt, Q (Boivin 1967)
CARTE: Hultén 1968, Pennell 1934

Catabrosa aquatica (L.)Beauv.
SOURCES: Carte
REPARTITION: TNO, CB–nOnt–IPE, Lab (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E–U

Celtis tenuifolia Nutt.
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté de Lambton
CARTE: Fox & Soper 1953 Ont, Hosie 1969 Can, Soper & Heimburger 1976 Ont
CONDITIONS: Rare au Canada. Rare dans le Michigan (Wagner 1976).

Cenchrus longispinus (Hackel)Fern.
(*C. pauciflorus* Benth.)
CONDITIONS: Stewart & James 1969 et cartes
REPARTITION: sOnt (Boivin 1967)
CARTE: DeLisle 1963, Dore & McNeill 1976 Ont, Soper 1962 Ont
CONDITIONS: Rare au Canada.

Cenchrus pauciflorus = *C. longispinus*

Cerastium alpinum L.
SOURCES: Moir 1958 et cartes
REPARTITION: TNO, Man–nOnt–nQ, TN–Lab
ONTARIO: Baies de Hudson et de James
CARTE: Hultén 1956, Hultén 1958, Meusel et al. 1965, Porsild 1964

Cerastium beeringianum C.& S.
SOURCES: Kershaw & Morton 1976 et cartes
REPARTITION: Aka–TNO, CB–Alta, ncOnt, Q, TN–Lab
ONTARIO: Lac Supérieur
CARTE: Given & Soper 1976 Ont, Hultén 1956, Hultén 1968, Porsild 1964, Raup 1947

Cercis canadensis L.
SOURCES: IBP–CT 1974, Kershaw 1976 et cartes
REPARTITION: soOnt
ONTARIO: Ile Pelée
CARTE: Fox & Soper 1953 Ont, Hopkins 1942, Hosie 1969 Can, Soper 1956 Ont
CONDITIONS: Rare au Canada; éliminée en Ontario mais cultivée (Dore 1975, Soper 1956).

Chaerophyllum procumbens (L.)Crantz.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté d'Essex
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada; peut-être éliminée de l'Ontario (Soper 1962). Menacée d'extinction dans le Wisconsin (Read 1976).

Chamaelirium luteum (L.)Gray
SOURCES: Cruise 1969, Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Segelken 1929, Soper 1962 Ont
CONDITIONS: Rare au Canada.

Chenopodium foggii Wahl
SOURCES: Gaiser & Moore 1966, Kershaw 1976
REPARTITION: sOnt–sQ (Wahl 1954)
CONDITIONS: Rare au Canada.

Chimaphila maculata (L.)Pursh

SOURCES: Catling 1974, Cruise 1969, IBP-CT 1974, Kershaw 1976 et cartes

REPARTITION: sOnt (Boivin 1967)

CARTE: Segelken 1929, Soper 1960 Ont, Soper & Heimburger 1976 Ont, Zander 1976 Lac Erie

CONDITIONS: Rare au Canada. En voie de disparition dans le New Hampshire (Hodgdon 1973). Se trouve dans la Nouvelle-Angleterre dans des populations isolées de quelques individus (Hodgdon & Eastman 1973). Rare dans le Michigan (Wagner 1976).

PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976, Zander 1976).

Chrysanthemum arcticum L. ssp. *polare* Hult.

SOURCES: Moir 1958 et cartes

REPARTITION: Aka-TNO, nMan-nOnt-nQ

ONTARIO: Baies d'Hudson et de James

CARTE: Hultén 1968, Hultén 1971

Chrysanthemum bipinnatum ssp. *huronense* = *Tanacetum huronense*

Cimicifuga racemosa (L.)Nutt.

SOURCES: Cruise 1969, Kershaw 1976 et cartes

REPARTITION: soOnt (Boivin 1967)

CARTE: Lloyd & Lloyd 1931, Soper 1962 Ont

CONDITIONS: Rare au Canada.

Cinna arundinacea L.

SOURCES: Beschel et al. 1970, Cruise 1969, Dore 1959 et carte

REPARTITION: sOnt-soQ (Boivin 1967)

CARTE: Dore & McNeill 1976 Ont

CONDITIONS: Rare au Canada.

Cirsium drummondii T.& G.

SOURCES: Carte

REPARTITION: TNO, CB-Man, nOnt (Boivin 1967)

CARTE: Moore and Frankton 1964, Moore & Frankton 1974 Can

Cirsium pitcheri (Torr.)T.& G.

SOURCES: FON 1969, Kershaw 1976, Kershaw & Morton 1976, Krotkov 1940 et cartes

REPARTITION: Ont

ONTARIO: Grands Lacs

CARTE: Given & Soper 1976 Ont, Guire & Voss 1963, Johnson & Iltis 1963, Moore & Frankton 1974 Can, Soper 1977 Ont.

CONDITIONS: Rare au Canada. En voie de disparition dans l'Illinois (Paulson & Schwegman 1976). Menacée dans le Wisconsin et le Michigan (Read 1976, Wagner 1976). Rare dans l'Indiana (Barnes 1975).

Cirsium pumilum (Nutt.)Spreng. ssp. *hillii* (Canby)Moore & Frankton

SOURCES: FON 1969, Kershaw 1976, Kershaw & Morton 1976, Krotkov 1940 et carte

REPARTITION: Ont

ONTARIO: Grands Lacs

CARTE: Moore & Frankton 1966, Moore & Frankton 1974 Can, Soper 1977 Ont

CONDITIONS: Rare au Canada. Menacée dans le Wisconsin et le Michigan (Read 1976, Wagner 1976).

Collinsia parviflora Lindl.

SOURCES: Kershaw 1976, Kershaw & Morton 1976, Reznicek 1975-76 et cartes

REPARTITION: Y, CB-Sask, Man, Ont (Boivin 1967)

ONTARIO: Grands Lacs

CARTE: Given & Soper 1976 Ont, Hultén 1968

Collinsia verna Nutt.

SOURCES: Kershaw 1976, Stewart & James 1969 et carte

REPARTITION: soOnt (Boivin 1967)

CARTE: Pennell 1935

CONDITIONS: Rare au Canada. Peut-être éliminée dans le Wisconsin (Read 1976). Menacée d'extinction dans le Michigan (Wagner 1976). Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).

Collinsonia canadensis L.

SOURCES: Cruise 1969, Kershaw 1976, Stewart & James 1969 et carte

REPARTITION: soOnt (Boivin 1967)

CARTE: Soper 1962 Ont

CONDITIONS: Rare au Canada. Peut-être éliminée dans le Wisconsin (Read 1976).

Collomia linearis Nutt.

SOURCES: Reznicek 1975-76 et cartes

REPARTITION: Aka-TNO, CB-Man, Ont, Q, NE (Boivin 1967)

CARTE: Hultén 1968, Wherry 1936

Colpodium fulvum = *Arctophila fulva*

Conobea multifida (Michx.)Benth.

SOURCES: Kershaw 1976 et carte

REPARTITION: soOnt (Boivin 1967)

ONTARIO: Ile Pelée

CARTE: Pennell 1935, Soper 1962 Ont

CONDITIONS: Rare au Canada.

Conopholis americana (L.)Wallr.

SOURCES: Beschel et al. 1970, Boivin 1967-72, Cruise 1969, FON 1969, IBP-CT 1974 et carte

REPARTITION: Man-Q, NE (Boivin 1967)

CARTE: Haynes 1971

CONDITIONS: Rare au Canada.

Corallorhiza odontorhiza (Willd.)Nutt.
SOURCES: Catling & Whiting 1976, Cruise 1969, Kershaw 1976, et cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Case 1964 Grands Lacs, Luer 1975
CONDITIONS: Rare au Canada; en voie de disparition en Ontario (Catling & Whiting 1976) Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans le Minnesota (Morley 1972).
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats-Unis Protégée par la loi dans le Minnesota, le Wisconsin, l'Etat de New York (McGaugh & Genoways 1976)

Coreopsis lanceolata L.
SOURCES: Catling et al. 1975
REPARTITION: CB, Ont (Boivin 1967)
ONTARIO: Grands Lacs

Coreopsis tripteris L.
SOURCES: Catling 1976b, Kershaw 1976, Scoggan 1976
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté d'Essex
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans le Minnesota (Morley 1972).

Corispermum hyssopifolium L.
SOURCES: CAN, Cruise 1969
REPARTITION: TNO, CB-Ont-Q (Boivin 1967)
ONTARIO: Grands Lacs
CONDITIONS: Rare dans l'Indiana (Barnes 1975).

Cornus drummondii E.Mey.
SOURCES: Cruise 1969, Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté d'Essex et cté de Norfolk
CARTE: Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont, Wilson 1964
CONDITIONS: Rare au Canada.

Cornus florida L.
SOURCES: Catling 1974, Cruise 1969, IBP-CT 1974, Kershaw 1976, Stewart & James 1969 et cartes
REPARTITION: soOnt
CARTE: Fox & Soper 1952 Ont, Hosie 1969 Can, Little 1971, Soper & Heimburger 1976 Ont
CONDITIONS: Rare au Canada.
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976, Zander 1976).

Corydalis flavula (Raf.)DC.
SOURCES: Campbell 1976, Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Pointe Pelée et île Pelée
CARTE: Ownbey 1947
CONDITIONS: Rare au Canada. Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).

Crataegus douglasii Lindl.
SOURCES: Cartes
REPARTITION: Aka, CB-Sask, Ont (Boivin 1967)
CARTE: Given & Soper 1976 Ont, Hultén 1968, Soper & Heimburger 1976 Ont
CONDITIONS: Rare dans le Minnesota et le Michigan (Morley 1972, Wagner 1976).

Cryptogramma crispa (L.)R.Br. var. *acrosticoides* (R.Br.)C.B.Clarke
SOURCES: Britton 1976 et cartes
REPARTITION: Aka-TNO, CB-Man, Ont (Boivin 1967)
ONTARIO: Grands Lacs
CARTE: Given & Soper 1976 Ont, Hultén 1958, Soper 1960 Ont

Cyperus engelmannii Steud.
SOURCES: Beschel et al. 1970, Kershaw 1976
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada. Menacée dans la Pennsylvanie (Wherry 1975).

Cyperus erythrorhizos Muhl.
SOURCES: Cruise 1969, Kershaw 1976, Reznicek 1975-76
REPARTITION: soOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Cyperus ferruginescens Boeck.
SOURCES: Beschel et al. 1970, Kershaw 1976, Reznicek 1975-76
REPARTITION: soOnt-Q (Boivin 1967)
CONDITIONS: Rare au Canada.

Cyperus houghtonii Torr.
SOURCES: Beschel et al. 1970
REPARTITION: seMan-soQ (Boivin 1967)
CONDITIONS: Menacée dans le Wisconsin et la Pennsylvanie (Read 1976, Wherry 1975).

Cypripedium arietinum R.Br.
SOURCES: Beschel et al. 1970, Brunton 1974-75, Catling 1974, Cruise 1969, FON 1969, IBP-CT 1974 et cartes
REPARTITION: Man-Q, NE
CARTE: Ayensu 1975 E-U, Case 1964 Grands Lacs, Luer 1975, Soper 1977 Ont
CONDITIONS: Rare au Canada. Menacée d'extinction aux Etats-Unis (Ayensu 1975, Smithsonian Institution 1975). En voie de disparition dans le Wisconsin et le New Hampshire (Read 1976, Hodgdon 1973). Menacée d'extinction dans le Michigan (Wagner 1976).
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats-Unis Protégée par la loi dans le Minnesota, le Wisconsin, l'Etat de New York (McGaugh & Genoways 1976)

Cypripedium candidum Muhl.
SOURCES: Catling & Whiting 1976, Catling 1974, Cruise 1969, IBP-CT 1974, Kershaw 1976, Kershaw & Morton 1976, Lafontaine 1974, Petrie 1976 et cartes
REPARTITION: Sask, Man, sOnt (Boivin 1967)
CARTE: Ayensu 1975 E-U, Case 1964 Grands Lacs, Luer 1975
CONDITIONS: Rare au Canada; en voie de disparition en Ontario (Catling & Whiting 1976) Menacée d'extinction aux Etats-Unis (Ayensu 1975, Smithsonian Institution 1975). En voie de disparition dans le Wisconsin et l'Illinois (Read 1976, Paulson & Schwegman 1976). Menacée d'extinction dans le Michigan (Wagner 1976). Eliminée dans la Pennsylvania (Wherry 1975).
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats-Unis Protégée par la loi dans le Minnesota, le Wisconsin et l'Etat de New York (McGaugh & Genoways 1976).

Cypripedium passerinum Richards.
SOURCES: Soper 1965 et cartes
REPARTITION: Aka-TNO, CB-nOnt-Q
ONTARIO: nOnt, disjoint Lac Supérieur
CARTE: Given & Soper 1976 Ont, Luer 1975, Raup 1947
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats-Unis

Cystopteris fragilis (L.)Bernh. var. *laurentiana* Weath.
SOURCES: Britton 1976
REPARTITION: Ont-Q, NE-TN, localisé (Boivin 1967)
ONTARIO: Grands Lacs
CONDITIONS: Rare dans le Michigan (Wagner 1976).

Cystopteris montana (Lam.)Bernh.
SOURCES: Kershaw & Morton 1976 et cartes
REPARTITION: Aka-TNO, CB-Alta, ncOnt, Q, TN, localisé (Boivin 1967)
ONTARIO: Lac Supérieur
CARTE: Given & Soper 1976 Ont, Hultén 1958, Kershaw 1976, Porsild 1966

Danthonia compressa = *D. sericea*

Danthonia sericea Nutt.
(*D. compressa* Austin)
SOURCES: Dore 1959 et carte
REPARTITION: eOnt (Fernald 1950)
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U
CONDITIONS: Rare au Canada.

Deschampsia caespitosa (L.)Beauv. var. *maritima* Vasey
SOURCES: Carte
REPARTITION: Aka-TNO, nOnt
ONTARIO: Baies d'Hudson et de James
CARTE: Dore & McNeill 1976 Ont

Desmodium canescens (L.)DC.
SOURCES: Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
CARTE: Isely 1955
CONDITIONS: Rare au Canada.

Desmodium ciliare (Muhl.)DC.
SOURCES: CAN, Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Niagara Falls
CARTE: Isely 1955
CONDITIONS: Rare et peut-être éliminée du Canada.

Desmodium cuspidatum (Muhl.)Loud.
SOURCES: Cruise 1969, Kershaw 1976, Stewart & James 1969
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada. En voie de disparition dans le New Hampshire (Hodgdon 1973).

Desmodium illinoense Gray
SOURCES: CAN, Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Komoka
CARTE: Isely 1955
CONDITIONS: Rare et peut-être éliminée du Canada. Rare dans le Minnesota (Morley 1972).

Desmodium marilandicum (L.)DC.
SOURCES: CAN, Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté de Lambton
CARTE: Isely 1955
CONDITIONS: Rare au Canada. En voie de disparition dans le New Hampshire (Hodgdon 1973).

Desmodium rotundifolium (Michx.)DC.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Isely 1955
CONDITIONS: Rare au Canada. En voie de disparition dans le New Hampshire (Hodgdon 1973).

Desmodium sessilifolium (Torr.)T.& G.
SOURCES: Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Sandwich
CARTE: Isely 1955
CONDITIONS: Rare et peut-être éliminée du Canada. Menacée dans la Pennsylvanie (Wherry 1975).

Dioscorea villosa L.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Soper 1956 Ont
CONDITIONS: Rare au Canada.

Disporum lanuginosum (Michx.)Nicholson
SOURCES: Cruise 1969, Kershaw 1976, Stewart & James 1969 et cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Jones 1951, Wood 1970
CONDITIONS: Rare au Canada.

Disporum trachycarpum (Wats.)B.& H.
SOURCES: Reznicek 1975–76
REPARTITION: CB–nOnt (Boivin 1967)
CARTE: Jones 1951, Wood 1970

Draba alpina L.
SOURCES: Mulligan 1975–76 et cartes
REPARTITION: Aka–TNO, nCB, neMan–nOnt–noQ (Mulligan 1976)
ONTARIO: Baie d'Hudson
CARTE: Hultén 1968, Porsild 1964

Draba aurea Vahl
SOURCES: Kershaw & Morton 1976, Mulligan 1975–76 et carte
REPARTITION: Aka–TNO, CB–nOnt–Q, Lab (Mulligan 1976)
ONTARIO: nOnt, disjoint Lac Supérieur
CARTE: Hultén 1968, Porsild 1966

Draba cana Rydb.
(*D. lanceolata* auct.)
SOURCES: Brunton & Lafontaine 1974a, FON 1969, Kershaw 1976, Kershaw & Morton 1976 et cartes
REPARTITION: Aka–TNO, CB–soAlta, noSask, Ont, Q–NB
ONTARIO: Grands Lacs
CARTE: Hultén 1968, Mulligan 1971

Draba cinerea Adams
SOURCES: Cartes
REPARTITION: Aka–TNO, nCB, nSask, nOnt, Q
ONTARIO: Baie d'Hudson
CARTE: Hultén 1968, Mulligan 1971, Porsild 1964

Draba glabella Pursh
(*D. hirta* auct.)
SOURCES: Brunton 1974–75, Moir 1958, Reznicek 1975–76 et cartes
REPARTITION: Aka–TNO, CB–Alta, Man–Ont–NB, NE–Lab (Mulligan 1976)
ONTARIO: nOnt, disjoint île Manitoulin et cOnt
CARTE: Hultén 1968, Mulligan 1970, Porsild 1964, Raup 1947

Draba hirta = *D. glabella*

Draba incana L.
SOURCES: Moir 1958 et cartes
REPARTITION: nOnt–Q, IPE, TN–Lab (Mulligan 1976)
ONTARIO: nOnt, disjoint Lac Supérieur
CARTE: Given & Soper 1976 Ont, Hultén 1958
CONDITIONS: Menacée d'extinction dans le Michigan (Wagner 1976).

Draba lanceolata = *D. cana*

Draba nivalis Liljebl.
SOURCES: Cartes
REPARTITION: Aka–TNO, CB–Alta, Man–nOnt–Q, TN–Lab
ONTARIO: Baie d'Hudson
CARTE: Hultén 1968, Mulligan 1974, Porsild 1964

Draba reptans Lam.
SOURCES: Kershaw 1976, Mulligan 1975–76
REPARTITION: sAlta–sOnt (Mulligan 1976)
CONDITIONS: Menacée dans la Pennsylvanie (Wherry 1975).

Drosera linearis Goldie
SOURCES: Catling 1974, FON 1969, Krotkov 1940 et cartes
REPARTITION: CB–Ont, Q, TN, localisé (Boivin 1967)
ONTARIO: Grands Lacs
CARTE: Cruise & Catling 1974 Ont, Wynne 1944
CONDITIONS: En voie de disparition dans le Wisconsin (Read 1976). Rare dans le Minnesota (Morley 1972).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976, Zander 1976).

Dryas drummondii Richards.
SOURCES: Kershaw 1976, Kershaw & Morton 1976 et cartes
REPARTITION: Aka–TNO, CB–Sask, ncOnt, Q, TN (Boivin 1967)
ONTARIO: Lac Supérieur
CARTE: Given & Soper 1976 Ont, Hultén 1968, Porsild 1947

Dryas integrifolia Vahl
SOURCES: Moir 1958 et cartes
REPARTITION: Aka–TNO, CB–Alta, Man–nOnt–NB, TN–Lab (Boivin 1967)
ONTARIO: nOnt, disjoint Lac Supérieur
CARTE: Given & Soper 1976 Ont, Hultén 1968, Porsild 1947, Savile 1961, Young 1971

Dryopteris filix-mas (L.)Schott
SOURCES: FON 1969 et cartes
REPARTITION: CB–Alta, Ont–Q, NE–TN (Boivin 1967)
ONTARIO: Grands Lacs
CARTE: Given & Soper 1976 Ont, Britton & Soper 1966 Ont, Hultén 1964
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976).

Dryopteris goldiana (Hook.)Gray
SOURCES: Beschel et al. 1970, Britton 1976, Brunton 1974–75, Cruise 1969, FON 1969, Reznicek 1975–76 et carte
REPARTITION: sOnt–NB (Boivin 1967)
CARTE: Britton & Soper 1966 Ont, Wagner & Wagner 1965
CONDITIONS: Rare dans le Minnesota (Morley 1972).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976).

Dryopteris hexagonoptera = *Phegopteris hexagonoptera*

Dryopteris robertiana = *Gymnocarpium robertianum*
Dupontia fisheri R.Br.
SOURCES: Cartes
REPARTITION: Aka–TNO, Man–nOnt–Q, Lab (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Dore & McNeill 1976 Ont, Hultén 1968, Porsild 1964

Echinochloa walteri (Pursh)Nash
SOURCES: Beschel et al. 1970, Cruise 1969, Dore 1959 et carte
REPARTITION: sOnt–soQ (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Gould et al. 1972
CONDITIONS: Rare dans le Minnesota (Morley 1972).

Echinopanax horridum = *Oplopanax horridus*

Elatine minima (Nutt.)Fisch.& Mey.
SOURCES: CAN et carte
REPARTITION: Ont–NE, TN (Boivin 1967)
ONTARIO: Grands Lacs
CARTE: Fassett 1939

Eleocharis equisetoides (Ell.)Torr.
SOURCES: Cruise 1969, Kershaw 1976, Reznicek 1975–76
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Longue Pointe
CARTE: Svenson 1939
CONDITIONS: Rare au Canada. Eliminée dans le Wisconsin et l'Illinois (Read 1976, Paulson & Schwegman 1976). Rare dans l'Indiana (Barnes 1975).

Eleocharis geniculata (L.)R.& S.
SOURCES: Cruise 1969, Kershaw 1976, Pratt 1974, Reznicek 1975–76
REPARTITION: sOnt (Fernald 1950)
ONTARIO: Grands Lacs
CONDITIONS: Rare au Canada. Rare dans l'Indiana (Barnes 1975).

Eleocharis intermedia (Muhl.)Schult.
SOURCES: Beschel et al. 1970, CAN, DAO
REPARTITION: Ont–Q (Fernald 1950)
ONTARIO: Thunder Bay et sOnt

Eleocharis olivacea Torr.
SOURCES: Beschel et al. 1970, FON 1969, Krotkov 1940 et carte
REPARTITION: sOnt, Q, NE (Boivin 1967)
CARTE: Svenson 1939
CONDITIONS: Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans le Minnesota (Morley 1972).

Eleocharis parvula (R.& S.)Link
SOURCES: Brunton 1974–75 et carte
REPARTITION: CB, oOnt–TN (Boivin 1967)
CARTE: Hultén 1964, Svenson 1934
CONDITIONS: Eliminée dans le Michigan (Wagner 1976).

Eleocharis quadrangulata (Michx.)R.& S. var. *crassior* Fern.
SOURCES: Cruise 1969, Kershaw 1976, Reznicek 1975–76 et carte
REPARTITION: sOnt (Boivin 1967)
CARTE: Svenson 1939
CONDITIONS: Rare au Canada. Peut-être éliminée dans le Wisconsin (Read 1976).

Eleocharis rostellata Torr.
SOURCES: FON 1969, Krotkov 1940, Reznicek 1975–76 et carte
REPARTITION: CB, sOnt, NE (Boivin 1967)
CARTE: Svenson 1934
CONDITIONS: En voie de disparition dans le Wisconsin (Read 1976). Menacée dans la Pennsylvanie (Wherry 1975).

Elodea nuttallii (Planch.)St.John
SOURCES: Kershaw 1976, Stewart & James 1969 et carte
REPARTITION: nOnt–NB (Boivin 1967, CAN)
CARTE: Soper 1960 Ont, St. John 1965
CONDITIONS: Rare dans l'Ohio (Stuckey & Roberts 1976).

Elymus diversiglumis Scribn.& Ball
(*E. interruptus* auct.)
SOURCES: Kershaw 1976
REPARTITION: seSask–noOnt (Boivin 1967, Bowden 1964)
CARTE: Hitchcock & Chase 1950 E–U

Elymus glaucus Buckl.
SOURCES: Cartes
REPARTITION: Aka–Y, CB–Sask, Man, nOnt (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E–U, Hultén 1968

Elymus interruptus = *E. diversiglumis*

Elymus mollis Trin.
SOURCES: Cartes
REPARTITION: Aka–TNO, CB–nOnt–Lab
ONTARIO: nOnt, disjoint Lac Supérieur
CARTE: Bowden 1957, Dore & McNeill 1976 Ont, Guire & Voss 1963 Grands Lacs, Hultén 1964, Hultén 1968

Elymus riparius Wieg.
SOURCES: Beschel et al. 1970 et carte
REPARTITION: Ont–sQ (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E–U

Elymus villosus Muhl.
SOURCES: Beschel et al. 1970, Dore 1959, FON 1969, Krotkov 1940, Stewart & James 1969 et carte
REPARTITION: s&eOnt–soQ (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E–U
CONDITIONS: Rare au Canada.

Epilobium leptocarpum Haussk. var. *macounii* Trel.
SOURCES: FON 1969, Kershaw 1976, Kershaw & Morton 1976, Krotkov 1940
REPARTITION: CB–Man, scOnt, Q–TN, localisé (Fernald 1950)
ONTARIO: Pén. Bruce

Epilobium paniculatum Nutt. var. *subulatum* (Haussk.)Fern.
SOURCES: Fernald 1950, FON 1969
REPARTITION: CB–Sask, scOnt
ONTARIO: Lac Huron

Eragrostis hypnoides (Lam.)BSP.
SOURCES: Beschel et al. 1970, Cruise 1969, Dore 1959, Stewart & James 1969 et carte
REPARTITION: seSask–sOnt–soQ (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont

Erigenia bulbosa (Michx.)Nutt.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976).

Erythronium albidum Nutt.
SOURCES: CAN, Kershaw 1976
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Euonymus atropurpureus Jacq.
SOURCES: Cruise 1969, IBP–CT 1974, Kershaw 1976, Soper 1962, Stewart & James 1969 et cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Fox & Soper 1953 Ont, Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont, Zander 1976 Lac Erie
CONDITIONS: Rare au Canada.
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976, Zander 1976).

Eupatorium altissimum L.
SOURCES: CAN, Kershaw 1976
REPARTITION: soOnt
ONTARIO: Cté d'Essex et cté de Wentworth
CONDITIONS: Rare au Canada.

Eupatorium coelestinum L.
SOURCES: CAN, Kershaw 1976, Pratt 1974, Reznicek 1975–76
REPARTITION: soOnt
ONTARIO: Pointe Pelée
CONDITIONS: Rare au Canada.

Eupatorium purpureum L.
SOURCES: FON 1969, IBP–CT 1974 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Grant 1953, Soper 1960 Ont
CONDITIONS: Rare au Canada.

Euphorbia commutata Engelm.
SOURCES: Beschel et al. 1970, Kershaw 1976
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976).

Euphorbia corollata L.
SOURCES: Cruise 1969
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Euphorbia obtusata Pursh
SOURCES: Campbell & Reznicek 1976, Kershaw 1976
REPARTITION: soOnt
ONTARIO: Ile Pelée
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976). Menacée dans la Pennsylvanie (Wherry 1975). Rare dans l'Indiana (Barnes 1975).

Euphrasia frigida = *E. vinacea*

Euphrasia vinacea Sell & Yeo
(*E. frigida* auct.)
SOURCES: Kershaw 1976, Kershaw & Morton 1976, Sell & Yeo 1970 et carte
REPARTITION: Man, neOnt
ONTARIO: Baie de James
CARTE: Given & Soper 1976 Ont
CONDITIONS: Rare au Canada.

Festuca baffinensis Polunin
SOURCES: Cartes
REPARTITION: Aka–TNO, CB–Alta, nOnt
ONTARIO: Baie d'Hudson
CARTE: Dore & McNeill 1976 Ont, Hultén 1968, Porsild 1964

Festuca brachyphylla Schult.
SOURCES: Cartes
REPARTITION: Aka–TNO, CB–Alta, Man–nOnt–Q, TN–Lab
ONTARIO: nOnt, disjoint Lac Supérieur
CARTE: Dore & McNeill 1976 Ont, Given & Soper 1976 Ont, Hultén 1968, Porsild 1964

Festuca occidentalis Hook.
SOURCES: Dore 1975, Kershaw 1976 et cartes
REPARTITION: CB–Alta, Ont (Boivin 1967)
ONTARIO: Grands Lacs
CARTE: Dore & McNeill 1976 Ont, Given & Soper 1976 Ont, Hitchcock & Chase 1950 E–U
CONDITIONS: En voie de disparition dans le Wisconsin (Read 1976).

Festuca rubra L. var. *altaica* Drobov
(*F. rubra* var. *arenaria* auct.)
SOURCES: Cartes
REPARTITION: TNO, Sask–neOnt–TN (Fernald 1950)
ONTARIO: Baie de James
CARTE: Dore & McNeill 1976 Ont, Porsild 1964

Festuca rubra var. *arenaria* = *F. rubra* var. *altaica*

Festuca rubra L. var. *juncea* (Hack.)Richter
SOURCES: Carte
REPARTITION: Ont–TN (Fernald 1950)
ONTARIO: Grands Lacs
CARTE: Dore & McNeill 1976 Ont

Festuca rubra L. var. *rubra*
SOURCES: Cartes
REPARTITION: Aka–TNO, CB–neOnt–NE, Lab (Boivin 1967, Fernald 1950)
ONTARIO: Baie de James
CARTE: Dore & McNeill 1976 Ont, Porsild 1966

Festuca scabrella Torr.
SOURCES: Cartes
REPARTITION: CB–Man, ncOnt–Q, TN
ONTARIO: Thunder Bay
CARTE: Dore & McNeill 1976 Ont, Given & Soper 1976 Ont, Hultén 1968, Johnston 1958
CONDITIONS: Menacée d'extinction dans le Michigan (Wagner 1976).

Fimbristylis autumnalis (L.)R.& S.
SOURCES: Catling et al. 1977, Cruise 1969, Kershaw 1976, Reznicek 1975–76, et carte
REPARTITION: sOnt–soQ (Boivin 1967)
CARTE: Kral 1971 E–U, Soper 1962 Ont
CONDITIONS: Rare au Canada.

Fimbristylis drummondii = *F. spadicea*

Fimbristylis spadicea (L.)Vahl
(*F. drummondii* Boechl.)
SOURCES: CAN et carte
REPARTITION: soOnt
ONTARIO: Rivière Ste–Clair
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada.

Floerkea proserpinacoides Willd.
SOURCES: Kershaw 1976 et carte
REPARTITION: Ont–soQ, NE (Boivin 1967)
CARTE: Becker 1960
CONDITIONS: Rare au Canada. Rare dans le Minnesota (Morley 1972).

Frasera caroliniensis = *Swertia caroliniensis*

Fraxinus quadrangulata Michx.
SOURCES: IBP–CT 1974, Kershaw 1976, Lafontaine 1974, Stewart & James 1969 et cartes
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Pointe Pelée et île Pelée
CARTE: Fox & Soper 1953 Ont, Hosie 1969 Can, Little 1971
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976).

Galium kamtschaticum Steller
SOURCES: Cartes
REPARTITION: Aka, CB, ncOnt, NB–TN, localisé
ONTARIO: Lac Supérieur
CARTE: Given & Soper 1976 Ont, Hultén 1968

Galium pilosum Ait.
SOURCES: Beschel et al. 1970, Cruise 1969, Kershaw 1976
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Gaura biennis L.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Raven & Gregory 1972
CONDITIONS: Rare au Canada. Rare dans le Minnesota (Morley 1972).

Gentiana alba Muhl.
(*G. flavida* Gray)
SOURCES: Beschel et al. 1970, Kershaw 1976 et carte
REPARTITION: seOnt (Boivin 1967)
CARTE: Pringle 1967
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans le Michigan et l'Indiana (Wagner 1976, Barnes 1975).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976).

Gentiana detonsa Rottb. var. *nesophila* (Th. Holm)Boivin
(*G. nesophila* Th. Holm, *Gentianella detonsa* (Rottb.)G. Don ssp. *nesophila* (Th. Holm)J.M. Gillett)
SOURCES: Kershaw 1976, Kershaw & Morton 1976 et carte
REPARTITION: TNO, nOnt–Q, TN–Lab (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Gillett 1963, Raymond 1950b

Gentiana detonsa Rottb. var. *raupii* (Pors.)Boivin
(*G. raupii* Pors., *Gentianella detonsa* (Rottb.)G. Don ssp. *raupii* (Pors.)J.M. Gillett)
SOURCES: Kershaw 1976, Kershaw & Morton 1976 et carte
REPARTITION: Aka–TNO, Alta, nOnt (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Cody 1971, Gillett 1963, Porsild 1966

Gentiana flavida = *G. alba*

Gentiana nesophila = *G. detonsa* var. *nesophila*

Gentiana puberula = *G. puberulenta*

Gentiana puberulenta Pringle
(*G. puberula* Michx.)
SOURCES: Catling 1974, Kershaw 1976 et carte
REPARTITION: Man–sOnt
CARTE: Pringle 1967
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Michigan (Wagner 1976). Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).
PROTECTION: Protégée par la loi dans le Minnesota et l'Etat de New York (McGaugh & Genoways 1976).

Gentiana quinquefolia L.
(*Gentianella quinquefolia* (L.)Small)
SOURCES: Kershaw 1976 et carte
REPARTITION: sOnt (Boivin 1967)
CARTE: Gillett 1963, Zander 1976 Lac Erie
CONDITIONS: Rare et peut–être éliminée du Canada.

Gentiana raupii = *G. detonsa* var. *raupii*

Gentianella detonsa ssp. *nesophila* = *Gentiana detonsa* var. *nesophila*

Gentianella detonsa ssp. *raupii* = *Gentiana detonsa* var. *raupii*

Gentianella quinquefolia = *Gentiana quinquefolia*

Gerardia gattingeri = *Agalinis gattingeri*

Gerardia skinneriana = *Agalinis skinneriana*

Gerardia tenuifolia var. *parviflora* = *Agalinis tenuifolia* var. *parviflora*

Geum laciniatum Murray
SOURCES: Beschel et al. 1970, Cruise 1969, Stewart & James 1969
REPARTITION: sOnt–NE (Boivin 1967)
CONDITIONS: Rare dans le Minnesota (Morley 1972).

Geum triflorum Pursh
SOURCES: Carte
REPARTITION: CB–sOnt (Boivin 1967)
CARTE: Catling et al. 1975 Ont
CONDITIONS: Menacée d'extinction dans le Michigan (Wagner 1976).

Geum vernum (Raf.)T.& G.
SOURCES: Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté d'Essex
CONDITIONS: Rare au Canada. Rare dans le Michigan (Wagner 1976).

Gillenia trifoliata (L.)Moench
SOURCES: Beschel et al. 1970, Kershaw 1976 et carte
REPARTITION: sOnt (Boivin 1967)
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada.

Glaux maritima L. var. *obtusifolia* Fern.
SOURCES: Cartes
REPARTITION: eTNO, neOnt–NE, TN (Boivin 1967)
ONTARIO: Baie de James
CARTE: Hultén 1968, Hultén 1971

Gleditsia triacanthos L.
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Fox & Soper 1953 Ont, Hosie 1969 Can, Little 1971, Soper 1956 Ont
CONDITIONS: Rare au Canada. Rare dans le Minnesota (Morley 1972).

Glyceria melicaria (Michx.)Hubbard
SOURCES: Dore 1959 et carte
REPARTITION: eOnt–NB, NE (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E–U
CONDITIONS: Rare au Canada.

Glycyrrhiza lepidota Pursh
SOURCES: IBP–CT 1974
REPARTITION: CB–Ont (Boivin 1967)
CARTE: Welsh 1960 cE–U
CONDITIONS: Menacée d'extinction dans le Wisconsin (Read 1976).

Gnaphalium purpureum L. var. *purpureum*
SOURCES: Reznicek 1975–76
REPARTITION: soOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Goodyera oblongifolia Raf.
SOURCES: Catling 1974, FON 1969 et cartes
REPARTITION: CB–Ont, Q, NE
CARTE: Case 1964 Grands Lacs, Given & Soper 1976 Ont, Luer 1975
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats–Unis Protégée par la loi dans le Minnesota, le Wisconsin (McGaugh & Genoways 1976) et le Vermont (Vermont 1957, 1974).

Gymnocarpium robertianum (Hoffm.)Newm.
(*Dryopteris robertiana* (Hoffm.)Christens.)
SOURCES: Britton 1976, FON 1969, Krotkov 1940 et carte
REPARTITION: Aka–TNO, CB–Ont, Q, TN
ONTARIO: Grands Lacs
CARTE: Hultén 1964, Soper 1963 Grand Lacs
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976).

Gymnocladus dioica (L.)Koch
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Ile Pelée et cté de Lambton
CARTE: Fox & Soper 1953 Ont, Hosie 1969 Can, Soper 1956 Ont
CONDITIONS: Rare au Canada. Menacée dans le Wisconsin et le Michigan (Read 1976, Wagner 1976).

Habenaria blephariglottis = *Platanthera blephariglottis*

Habenaria ciliaris = *Platanthera ciliaris*

Habenaria flava var. *herbiola* = *Platanthera flava* var. *herbiola*

Habenaria leucophaea = *Platanthera leucophaea*

Habenaria unalascensis = *Piperia unalascensis*

Hedysarum mackenzii Richards.
SOURCES: Moir 1958 et cartes
REPARTITION: Aka–TNO, CB–Man, nOnt–Q, TN (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1968, Meusel et al. 1965, Porsild 1964

Helianthemum bicknellii Fern.
SOURCES: Cruise 1969, Kershaw 1976 et carte
REPARTITION: seMan–sOnt (Boivin 1967)
CARTE: Daoud & Wilbur 1965
CONDITIONS: Rare au Canada.

Hemicarpha micrantha (Vahl)Pax
(*Scirpus micranthus* Vahl)
SOURCES: CAN, Kershaw 1976, Reznicek 1975–76 et carte
REPARTITION: soOnt–soQ (Boivin 1967)
ONTARIO: Amherstburg
CARTE: Friedland 1941
CONDITIONS: Rare au Canada. Menacée dans le Michigan et la Pennsylvanie (Wagner 1976, Wherry 1975).

Heuchera americana L.
SOURCES: Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Ile Pelée et Amherstburg
CONDITIONS: Rare au Canada.

Hibiscus moscheutos var. purpurascens = H. palustris

Hibiscus palustris L.
(*H. moscheutos* L. var. *purpurascens* Sweet)
SOURCES: IBP–CT 1974, Kershaw 1976, Stewart & James 1969 et cartes
REPARTITION: sOnt (Boivin 1967)
CARTE: Fernald 1942, Soper 1962 Ont
CONDITIONS: Rare au Canada. Eliminée dans le Wisconsin (Read 1976). Menacée d'extinction dans le Michigan (Wagner 1976).

Hieracium gronovii L.
SOURCES: Kershaw 1976
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Hieracium longipilum Torr.
SOURCES: Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
CONDITIONS: Rare au Canada. Rare dans l'Indiana (Barnes 1975).

Hieracium paniculatum L.
SOURCES: Beschel et al. 1970, IBP–CT 1974
REPARTITION: Ont–Q, NE (Boivin 1967)
CONDITIONS: Rare au Canada.

Hieracium venosum L. var. *nudicaule* (Michx.)Farw.
SOURCES: Kershaw 1976
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada. Rare dans l'Indiana (Barnes 1975).

Hierochloe pauciflora R.Br.
SOURCES: Cartes
REPARTITION: Aka–TNO, Man–neOnt–Q, Lab (Boivin1967)
ONTARIO: Cap Henriette–Marie
CARTE: Dore & McNeill 1976 Ont, Hultén 1968, Porsild 1964

Houstonia caerulea L.
SOURCES: CAN, Reznicek 1975–76
REPARTITION: Ont–NE (Boivin 1967)
ONTARIO: Petawawa
CONDITIONS: En voie de disparition dans le Wisconsin (Read 1976).

Hybanthus concolor (T.F.Forster)Spreng.
SOURCES: Cruise 1969, Kershaw 1976 et carte
REPARTITION: sOnt (Boivin 1967)
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada. Peut–être éliminée dans le Wisconsin (Read 1976). Rare dans le Michigan (Wagner 1976).

Hydrastis canadensis L.
SOURCES: Cruise 1969, Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Lloyd & Lloyd 1908, Soper 1960 Ont, Zander 1976 Lac Erie
CONDITIONS: Rare au Canada. En voie de disparition dans l'Illinois (Paulson & Schwegman 1976). Menacée dans le Wisconsin et le Michigan (Read 1976, Wagner 1976). Rare dans le Minnesota (Morley 1972).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976, Zander 1976).

Hydrophyllum appendiculatum Michx.
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Constance 1942, Soper 1960 Ont
CONDITIONS: Rare au Canada.

Hydrophyllum canadense L.
SOURCES: Cruise 1969, Kershaw 1976, Stewart & James 1969 et carte
REPARTITION: sOnt–soQ (Boivin 1967)
CARTE: Constance 1942
CONDITIONS: Rare au Canada.

Hymenoxys acaulis (Pursh)Parker var. *glabra* (Gray)Parker
(*Actinea acaulis* (Pursh)Spreng. var. *glabra* (Gray)Parker, *A. herbacea* (Greene)Robins.)
SOURCES: Catling et al. 1975, FON 1969, Kershaw 1976, Kershaw & Morton 1976
REPARTITION: scOnt (Boivin 1967)
ONTARIO: Ile Manitoulin
CONDITIONS: Rare au Canada.

Hypericum gentianoides (L.)BSP.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt–soQ (Boivin 1967)
CARTE: Gillett 1976
CONDITIONS: Rare au Canada.

Hypericum prolificum L.
(*H. spathulatum* (Spach)Steud.)
SOURCES: Kershaw 1976 et cartes
REPARTITION: sOnt (Boivin 1967)
CARTE: Gillett 1976, Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont, Utech & Iltis 1970
CONDITIONS: Rare au Canada.

Hypericum spathulatum = *H. prolificum*

Hypoxis hirsuta (L.)Cov.
SOURCES: Beschel et al. 1970, Cruise 1969, IBP-CT 1974 et carte
REPARTITION: Sask-soOnt (Boivin 1967)
CARTE: Soper 1960 Ont

Ipomoea pandurata (L.)G.F.W.Meyer
SOURCES: Kershaw 1976 et carte
REPARTITION: swOnt (Boivin 1967)
ONTARIO: Pointe Pelée, Ile Pelée et Niagara Falls
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada.

Iris brevicaulis Raf.
SOURCES: CAN, Kershaw 1976, Shields 1954
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Pointe Pelée
CONDITIONS: Rare au Canada.

Iris lacustris Nutt.
SOURCES: Catling 1974, IBP-CT 1974, Kershaw 1976, Kershaw & Morton 1976 et cartes
REPARTITION: scOnt (Boivin 1967)
ONTARIO: Pen. Bruce et île Manitoulin
CARTE: Given & Soper 1976 Ont, Guire & Voss 1963, Soper 1977 Ont
CONDITIONS: Rare au Canada. Menacée d'extinction aux Etats-Unis (Smithsonian Institution 1975). En voie de disparition dans le Wisconsin (Read 1976). Menacée d'extinction dans le Michigan (Wagner 1976).

Isoetes lacustris var. *macrospora* = *I. macrospora*

Isoetes macrospora Dur.
(*I. lacustris* L. var. *macrospora* (Dur.)de Hultén)
SOURCES: Brayshaw 1964, Britton 1976 et cartes
REPARTITION: Ont-NE, TN-Lab (Boivin 1967)
CARTE: Hultén 1958, Soper & Rao 1958 eCan
CONDITIONS: Rare au Canada.

Isopyrum biternatum (Raf.)T.& G.
SOURCES: Cruise 1969, Kershaw 1976, Stewart & James 1969 et carte
REPARTITION: sOnt (Boivin 1967)
CARTE: Griggs 1913, Soper 1962 Ont
CONDITIONS: Rare au Canada.

Isotria verticillata (Willd.)Raf.
SOURCES: Catling & Whiting 1976, Cruise 1969, IBP-CT 1974, Kershaw 1976, Lafontaine 1974 et cartes
REPARTITION: soOnt
ONTARIO: Cté de Norfolk et Komoka(éliminé)
CARTE: Case 1964 Grands Lacs, Luer 1975, Soper 1962 Ont
CONDITIONS: Rare au Canada; en voie de disparition en Ontario (Catling & Whiting 1976) En voie de disparition dans le New Hampshire (Hodgdon 1973). Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974). Rare dans le Michigan et l'Indiana (Wagner 1976, Barnes 1975).
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats-Unis Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976 et le Vermont (Vermont 1957, 1974).

Jeffersonia diphylla (L.)Pers.
SOURCES: Beschel et al. 1970, Cruise 1969, IBP-CT 1974, Kershaw 1976, Stewart & James 1969 et cartes
REPARTITION: sOnt (Boivin 1967)
CARTE: Soper 1960 Ont, Soper 1962 Ont
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976). Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974). Rare dans le Minnesota et le Michigan (Morley 1972, Wagner 1976).

Juglans nigra L.
SOURCES: Beschel et al. 1970, Cruise 1969, FON 1969, IBP-CT 1974, Kershaw 1976, Stewart & James 1969 et cartes
REPARTITION: sOnt (Boivin 1967)
CARTE: Fox & Soper 1953 Ont, Hosie 1969 Can, Little 1971
CONDITIONS: Rare au Canada.

Juncus acuminatus Michx.
SOURCES: Beschel et al. 1970, DAO
REPARTITION: CB, sOnt-Q, NE (Boivin 1967)
CARTE: Fassett 1931 neN-A

Juncus biflorus Ell.
SOURCES: DAO, Reznicek 1975-76
REPARTITION: soOnt
ONTARIO: Cté d'Essex
CONDITIONS: Rare au Canada. Rare dans le Michigan (Wagner 1976).

Juncus brachycarpus Engelm.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Fernald 1937
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Michigan (Wagner 1976). Rare dans le Minnesota (Morley 1972).

Juncus ensifolius Wikstr.
SOURCES: Kershaw 1976, Kershaw & Morton 1976, Reznicek 1975–76 et cartes
REPARTITION: Aka, CB–Sask, neOnt–Q (Boivin 1967)
ONTARIO: Baie de James
CARTE: Dutilly & Lepage 1963 eCan, Hultén 1968

Juncus greenii var. *vaseyi* = *J. vaseyi*

Juncus longistylis Torr.
SOURCES: DAO, Kershaw 1976, Kershaw & Morton 1976, Reznicek 1975–76 et carte
REPARTITION: CB–Ont–Q, TN (Boivin 1967, Fernald 1950)
ONTARIO: Rivière Albany et rivière Detroit
CARTE: Dutilly et al. 1954

Juncus marginatus Rostk.
SOURCES: Kershaw 1976, Reznicek 1975–76
REPARTITION: Ont–NE (Boivin 1967)
CONDITIONS: Rare dans le Minnesota (Morley 1972).

Juncus militaris Bigel.
SOURCES: Reznicek 1975–76 et carte
REPARTITION: cOnt–NE, TN (Boivin 1967)
CARTE: Meusel et al. 1965
CONDITIONS: Menacée dans le Michigan et la Pennsylvanie (Wagner 1976, Wherry 1975).

Juncus secundus Beauv.
SOURCES: Kershaw 1976
REPARTITION: eOnt (Boivin 1967)
CONDITIONS: Rare au Canada. Rare dans l'Indiana (Barnes 1975).

Juncus subtilis E.Mey.
SOURCES: Reznicek 1975–76 et carte
REPARTITION: nOnt–NB, TN (Boivin 1967)
CARTE: Lepage 1966

Juncus vaseyi Engelm.
(*J. greenii* Oakes & Tuckerm. var. *vaseyi* (Engelm.)Boivin)
SOURCES: Reznicek 1975–76
REPARTITION: TNO, CB–ncOnt–NB, NE–Lab (Boivin 1967)
ONTARIO: Lac Supérieur
CONDITIONS: Menacée d'extinction dans le Michigan (Wagner 1976).

Justicia americana (L.)Vahl
SOURCES: Beschel et al. 1970, Kershaw 1976 et carte
REPARTITION: sOnt–soQ (Boivin 1967)
CARTE: Soper 1960 Ont
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Michigan (Wagner 1976).

Kobresia simpliciuscula (Wahl.)Mack.
SOURCES: CAN, Reznicek 1975–76 et cartes
REPARTITION: Aka–TNO, CB–Alta, Man–nOnt–Q, TN–Lab (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1958, Hultén 1968, Porsild 1964

Koeleria cristata = *K. pyramidata*

Koeleria gracilis = *K. pyramidata*

Koeleria macrantha = *K.pyramidata*

Koeleria pyramidata (Lam.)Beauv.
(*K. cristata* auct., *K. gracilis* auct., *K. macrantha* auct.)
SOURCES: Cruise 1969 et cartes
REPARTITION: Aka–TNO, CB–Q (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Hultén 1968

Koenigia islandica L.
SOURCES: Reznicek 1975–76
REPARTITION: Aka–TNO, nOnt–Q, Lab (Boivin 1967)
ONTARIO: Baie d'Hudson
CARTE: Hultén 1968, Porsild 1964

Krigia biflora (Walter)Blake
SOURCES: Chinnappa 1976, Kershaw 1976
REPARTITION: Man–soOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Krigia virginica (L.)Willd.
SOURCES: Chinnappa 1976, Kershaw 1976
REPARTITION: sOnt (Fernald 1950)
CONDITIONS: Rare au Canada; peut-être allogène (Gleason 1952).

Lactuca floridana (L.)Gaertn.
SOURCES: Kershaw 1976
REPARTITION: seMan–soOnt (Boivin 1967)
CONDITIONS: Rare au Canada. Rare dans le Minnesota (Morley 1972).

Lechea leggettii Britt.& Hollick var. *moniliformis* (Bickn.)Hodgdon
SOURCES: Cruise 1969 et carte
REPARTITION: soOnt (Fernald 1950)
ONTARIO: Cté d'Essex
CARTE: Hodgdon 1938
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Michigan (Wagner 1976).

Lechea minor L.
SOURCES: Cruise 1969 et carte
REPARTITION: soOnt (Fernald 1950)
ONTARIO: Cté d'Essex
CARTE: Hodgdon 1938
CONDITIONS: Rare au Canada. Rare dans le Michigan (Wagner 1976).

Lechea stricta Leggett
SOURCES: Kershaw 1976 et carte
REPARTITION: sOnt
ONTARIO: Belleville et cté d'Essex
CARTE: Hodgdon 1938
CONDITIONS: Rare au Canada. Rare dans l'Indiana (Barnes 1975).

Ledum palustre L. var. *decumbens* Ait.
SOURCES: Moir 1958 et cartes
REPARTITION: Aka–TNO, CB–nOnt–Q, Lab (Boivin 1967)
ONTARIO: Baie d'Hudson
CARTE: Given & Soper 1976 Ont, Hultén 1968, Hultén 1971, Soper & Heimburger 1976 Ont

Lespedeza intermedia (L.)Pers.
SOURCES: Kershaw 1976 et cartes
REPARTITION: sOnt
CARTE: Clewell 1966, Isely 1955, Soper 1962 Ont
CONDITIONS: Rare au Canada.

Lespedeza violacea (L.)Pers.
SOURCES: Beschel et al. 1970, Kershaw 1976 et cartes
REPARTITION: soOnt (Fernald 1950)
CARTE: Clewell 1966, Isely 1955, Soper 1962 Ont
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976).

Lespedeza virginica (L.)Britt.
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté d'Essex
CARTE: Clewell 1966, Isely 1955, Soper 1962 Ont
CONDITIONS: Rare au Canada.; peut-être éliminée de l'Ontario (Soper 1962). En voie de disparition dans le Wisconsin et le New Hampshire (Read 1976, Hodgdon 1973).

Liatris aspera Michx. var. *intermedia* (Lunell)Gaiser
SOURCES: CAN, Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Grand Bend et Pointe Pelée
CARTE: Gaiser 1951
CONDITIONS: Rare au Canada.

Liatris spicata (L.)Willd.
SOURCES: CAN, Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Soper 1960 Ont
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976).

Limosella aquatica L.
SOURCES: Reznicek 1975–76 et carte
REPARTITION: Aka–TNO, CB–nOnt–Q, Lab, localisé (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1968, Pennell 1935
CONDITIONS: En voie de disparition dans le New Hampshire (Hodgdon 1973).

Linum lewisii Pursh ssp. *lepagei* (Boivin)Mosquin (*L. lepagei* Boivin, *L. perenne* L. ssp. *lepagei* (Boivin)Lepage)
SOURCES: Moir 1958 et cartes
REPARTITION: eTNO, nMan–nOnt
ONTARIO: Baies d'Hudson et de James
CARTE: Given & Soper 1976 Ont, Mosquin 1971

Linum lepagei = *L. lewisii* ssp. *lepagei*

Linum perenne ssp. *lepagei* = *L. lewisii* ssp. *lepagei*

Linum medium (Planch.)Britt. var. *texanum* (Planch.)Fern.
SOURCES: Cruise 1969 et carte
REPARTITION: soOnt (Fernald 1950)
CARTE: Rogers 1963
CONDITIONS: Rare au Canada.

Linum striatum Walt.
SOURCES: Catling et al. 1977, Reznicek 1975–76
REPARTITION: sOnt (Fernald 1950)
CARTE: Rogers 1963
CONDITIONS: Rare au Canada.

Linum sulcatum Riddell
SOURCES: Beschel et al. 1970 et carte
REPARTITION: sMan–sOnt, localisé (Boivin 1967)
CARTE: Rogers 1963, Rogers 1969
CONDITIONS: Rare dans l'Indiana (Barnes 1975).

Linum virginianum L.
SOURCES: Kershaw 1976 et cartes
REPARTITION: sOnt (Boivin 1967)
CARTE: Rogers 1963, Rogers 1969
CONDITIONS: Rare au Canada.

Liparis lilifolia (L.)L.C.Rich
SOURCES: Andrews 1961, Catling & Whiting 1976, Kershaw 1976, Lafontaine 1974 et cartes
REPARTITION: soOnt
ONTARIO: Komoka et Windsor
CARTE: Case 1964 Grands Lacs, Luer 1975, Soper 1960 Ont
CONDITIONS: Rare au Canada; en voie de disparition en Ontario (Catling & Whiting 1976) Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats–Unis Protégée par la loi dans le Minnesota, le Wisconsin, l'Etat de New York (McGaugh & Genoways 1976)

Lippia lanceolata var. *recognita* = *Phyla lanceolata* var. *recognita*

Liriodendron tulipifera L.
SOURCES: Cruise 1969, IBP–CT 1974, Kershaw 1976, Lafontaine 1974, Stewart & James 1969 et cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Fox & Soper 1952 Ont, Hosie 1969 Can, Little 1971, Maycock 1963
CONDITIONS: Rare au Canada.

Listera australis Lindl.
SOURCES: Greenwood 1962, Kershaw 1976, Lafontaine & White 1974, Whiting 1971, Whiting 1974 et cartes
REPARTITION: sOnt, Q, NE
CARTE: Luer 1975, Soper 1960 Ont
CONDITIONS: Rare au Canada. Menacée dans la Pennsylvanie (Wherry 1975).
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats-Unis Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976 et le Vermont (Vermont 1957, 1974).

Listera borealis Morong
SOURCES: Lafontaine 1974 et cartes
REPARTITION: Aka-TNO, CB-nOnt-TN
CARTE: Given & Soper 1976 Ont, Luer 1975, Raup 1947, Soper 1960 Ont
CONDITIONS: Rare au Canada.
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats-Unis

Lithospermum incisum Lehm.
SOURCES: Reznicek 1975-76
REPARTITION: CB-sOnt (Boivin 1967)
CONDITIONS: Rare dans l'Indiana (Barnes 1975).

Lithospermum latifolium Michx.
SOURCES: Reznicek 1975-76
REPARTITION: Ont-sQ (Boivin 1967)
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976).

Littorella americana Fern.
SOURCES: CAN et carte
REPARTITION: oOnt-TN
CARTE: Bassett 1973
CONDITIONS: Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans le Minnesota et le Michigan (Morley 1972, Wagner 1976).

Ludwigia alternifolia L.
SOURCES: Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté d'Essex
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Michigan (Wagner 1976).

Ludwigia polycarpa Short & Peter
SOURCES: Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
CARTE: Fernald 1918
CONDITIONS: Rare au Canada. Menacée dans la Pennsylvanie (Wherry 1975).

Lupinus perennis L.
SOURCES: Cruise 1969, Kershaw 1976 et cartes
REPARTITION: sOnt (Boivin 1967)
CARTE: Dunn 1965, Phillips 1955, Soper 1960 Ont
CONDITIONS: Rare au Canada.

Lythrum alatum Pursh
SOURCES: CAN, Kershaw 1976
REPARTITION: CB, soOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Magnolia acuminata L.
SOURCES: Cruise 1969, IBP-CT 1974, Kershaw 1976, Lafontaine 1974, Stewart & James 1969 et cartes
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté de Norfolk et région de Niagara
CARTE: Fox & Soper 1952 Ont, Hardin 1954, Hosie 1969 Can, Little 1971
CONDITIONS: Rare au Canada. Rare dans l'Indiana (Barnes 1975).

Malaxis paludosa (L.)Sw.
SOURCES: Baldwin 1961, Catling & Whiting 1976, Kershaw 1976, Kershaw & Morton 1976, Lafontaine 1974 et cartes
REPARTITION: Aka-TNO, CB-noOnt, localisé
CARTE: Case 1964 Grands Lacs, Given & Soper 1976 Ont, Luer 1975, Soper 1960 Ont
CONDITIONS: Rare au Canada.
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats-Unis Protégée par la loi dans le Minnesota (McGaugh & Genoways 1976).

Melandrium apetalum (L.)Fenzl ssp. *arcticum* (E.Fries)Hult.
SOURCES: Moir 1958 et cartes
REPARTITION: Aka-TNO, CB-Alta, Man-nOnt-Q
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1968, Porsild 1964

Melica smithii (Porter)Vasey
SOURCES: Kershaw 1976, Kershaw & Morton 1976 et cartes
REPARTITION: CB-Alta, Ont (Boivin 1967)
ONTARIO: Grands Lacs
CARTE: Boyle 1945, Dore & McNeill 1976 Ont, Fernald 1935, Given & Soper 1976 Ont
CONDITIONS: En voie de disparition dans le Wisconsin (Read 1976).

Mertensia maritima (L.)S.F.Gray
SOURCES: Moir 1958 et cartes
REPARTITION: Aka-TNO, CB, Man-nOnt-Q, NE-Lab (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1958, Hultén 1968, Porsild 1964

Mertensia virginica (L.)Pers.
SOURCES: Catling 1974, Cruise 1969, Kershaw 1976, Stewart & James 1969 et carte
REPARTITION: sOnt-soQ (Boivin 1967)
CARTE: Soper 1960 Ont
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Michigan (Wagner 1976).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976, Zander 1976).

Mikania scandens (L.)Willd.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt
ONTARIO: Malden
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada; peut-être éliminée de l'Ontario (Soper 1962). Rare dans l'Indiana (Barnes 1975).

Mimulus alatus Ait.
SOURCES: Kershaw 1976, Pratt 1974 et cartes
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Parc Prov. Rondeau et région de Niagara
CARTE: Pennell 1935, Soper 1960 Ont
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Michigan (Wagner 1976).

Mimulus glabratus HBK. var. *fremontii* (Benth.)Grant
SOURCES: Kershaw 1976 et carte
REPARTITION: seSask-Ont-Q (Boivin 1967, Rousseau et al. 1970)
ONTARIO: Dist. de Cochrane et Toronto (éliminé)
CARTE: Pennell 1935, Soper 1960 Ont.
CONDITIONS: Rare au Canada.

Mimulus moschatus Dougl.
SOURCES: Cartes
REPARTITION: CB, cOnt-TN (Boivin 1967)
CARTE: Given & Soper 1976 Ont, Soper 1960 Ont

Minuartia rubella = *Arenaria rubella*

Monarda didyma L.
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt-soQ (Boivin 1967)
CARTE: McClintock & Epling 1942, Scora 1967, Zander 1976 Lac Erie
CONDITIONS: Rare au Canada.
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976).

Montia fontana L.
SOURCES: Reznicek 1975-76 et cartes
REPARTITION: Aka-TNO, nOnt-Q, NE-Lab, localisé (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1968, Meusel et al. 1965

Morus rubra L.
SOURCES: Cruise 1969, Kershaw 1976, Stewart & James 1969 et cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Fox & Soper 1953 Ont, Hosie 1969 Can, Soper 1960 Ont
CONDITIONS: Rare au Canada. Rare dans le Minnesota et le Michigan (Morley 1972, Wagner 1976).

Muhlenbergia racemosa (Michx.)BSP.
SOURCES: Carte
REPARTITION: CB-ncOnt (Boivin 1967)
ONTARIO: Lac Supérieur et Lac des bois
CARTE: Dore & McNeill 1976 Ont, Pohl 1969

Muhlenbergia schreberi J.F.Gmelin
SOURCES: Kershaw 1976 et carte
REPARTITION: sOnt (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Pohl 1969
CONDITIONS: Rare au Canada; peut-être allogène (Dore & McNeill 1976). Rare dans le Michigan (Wagner 1976).

Muhlenbergia sylvatica Torr.
SOURCES: Beschel et al. 1970, Kershaw 1976 et carte
REPARTITION: soOnt-soQ (Fernald 1950)
ONTARIO: Cté de Welland
CARTE: Dore & McNeill 1976 Ont, Pohl 1969
CONDITIONS: Rare au Canada.

Muhlenbergia tenuiflora (Willd.)BSP.
SOURCES: Beschel et al. 1970, Kershaw 1976 et cartes
REPARTITION: sOnt-Q (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Pohl 1969
CONDITIONS: Rare au Canada.

Myosotis macrosperma Engelm.
SOURCES: Campbell & Reznicek 1976, Reznicek 1975-76
REPARTITION: soOnt
CARTE: Fernald 1941
CONDITIONS: Rare au Canada.

Myosotis verna Nutt.
SOURCES: Carte
REPARTITION: CB, sOnt (Boivin 1967)
CARTE: Catling et al. 1975 Ont
CONDITIONS: Rare au Canada. Rare dans le Minnesota (Morley 1972).

Myosurus minimus L.
SOURCES: Beschel et al. 1970 et cartes
REPARTITION: CB-soOnt (Boivin 1967)
CARTE: Meusel et al. 1965, Soper 1960 Ont

Myrica pensylvanica Loisel.
SOURCES: IBP-CT 1974, Kershaw 1976 et cartes
REPARTITION: soOnt, Q-TN (Boivin 1967)
ONTARIO: Pointe Turkey
CARTE: Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976, Zander 1976).

Myriophyllum farwellii Morong
SOURCES: Brunton 1974-75, Reznicek 1975-76
REPARTITION: CB, nOnt-NB, NE (Boivin 1967, Ceska & Warrington 1976)
CARTE: Voss 1965 Grands lacs
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976). Menacée dans le Michigan et la Pennsylvanie (Wagner 1976, Wherry 1975).

Myriophyllum humile (Raf.)Morong
SOURCES: Reznicek 1975-76
REPARTITION: Ont-NE (Boivin 1967)

Najas gracillima (A.Br.)Magnus
SOURCES: Kershaw 1976 et carte
REPARTITION: eOnt, NE (Boivin 1967)
CARTE: Clausen 1936, Meusel et al. 1965
CONDITIONS: Rare au Canada. Eliminée dans l'Ohio (Stuckey & Roberts 1976).

Najas guadalupensis (Spreng.)Magnus
SOURCES: Beschel et al. 1970, Kershaw 1976
REPARTITION: Ont–soQ (Boivin 1967)
CARTE: Clausen 1936
CONDITIONS: Rare au Canada. Rare dans l'Indiana (Barnes 1975).

Nelumbo lutea (Willd.)Pers.
SOURCES: Catling 1974, Cruise 1969, IBP–CT 1974, Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada. En voie de disparition dans le Michigan (Wagner 1976).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976, Zander 1976).

Nuphar advena = *N. luteum* ssp. *macrophyllum*

Nuphar luteum Sm. ssp. *macrophyllum* (Small)Beal (*N. advena* Ait.)
SOURCES: Cruise 1969, Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Beal 1956
CONDITIONS: Rare au Canada.

Nyssa sylvatica Marsh.
SOURCES: Cruise 1969, Kershaw 1976, Soper 1962, Stewart & James 1969 et cartes
REPARTITION: sOnt (Boivin 1967)
CARTE: Eyde 1963, Fox & Soper 1953 Ont, Hosie 1969 Can, Little 1971
CONDITIONS: Rare au Canada.

Oenothera nuttallii Sweet
SOURCES: CAN
REPARTITION: CB–ncOnt (Boivin 1967)
ONTARIO: Lac Supérieur

Oenothera pilosella Raf.
SOURCES: CAN, Kershaw 1976
REPARTITION: soOnt–soQ (Boivin 1967)
CONDITIONS: Rare au Canada.

Onosmodium molle Michx. var. *hispidissimum* (Mack.)Cronq.
SOURCES: Beschel et al. 1970, Kershaw 1976, Stewart & James 1969
REPARTITION: sMan–soOnt (Boivin 1967)
CONDITIONS: Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans l'Indiana (Barnes 1975).

Oplopanax horridus (Sm.)Miq. (*Echinopanax horridum* (Sm.)Decne.& Planch.)
SOURCES: Kershaw 1976, Kershaw & Morton 1976 et cartes
REPARTITION: Aka, CB–Alta, ncOnt
ONTARIO: Lac Supérieur
CARTE: Fernald 1925, Hultén 1968, Soper & Heimburger 1976 Ont
CONDITIONS: Menacée d'extinction dans le Michigan (Wagner 1976).

Opuntia compressa (Salisb.)Macbr. (*O. humifusa* Raf.)
SOURCES: Beschel 1967, CAN, Catling 1974, Kershaw 1976, Kershaw & Morton 1976
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Pointe Pelée
CONDITIONS: Rare au Canada.
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats–Unis Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976, Zander 1976).

Opuntia fragilis (Nutt.)Haw.
SOURCES: Beschel 1967, Beschel et al. 1970, Catling 1974
REPARTITION: CB–Man, Ont (Boivin 1967)
ONTARIO: Dist. de Rainy River et cté de Lennox & Addington
CONDITIONS: En voie de disparition dans le Michigan (Wagner 1976). Menacée d'extinction dans le Wisconsin (Read 1976).
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats–Unis

Opuntia humifusa = *O. compressa*

Orobanche fasciculata Nutt.
SOURCES: CAN
REPARTITION: Y, CB–Man, scOnt, (Boivin 1967)
ONTARIO: Grande île Cloche
CONDITIONS: En voie de disparition dans le Wisconsin (Read 1976). Menacée d'extinction dans le Michigan (Wagner 1976). Rare dans l'Indiana (Barnes 1975).

Osmorhiza chilensis H.& A.
SOURCES: FON 1969 et cartes
REPARTITION: Aka, CB–Sask, Ont–TN, localisé dans l'est (Boivin 1967)
ONTARIO: Grands Lacs
CARTE: Constance & Shan 1948, Given & Soper 1976 Ont, Hultén 1968
CONDITIONS: Menacée d'extinction dans le Wisconsin (Read 1976).

Osmorhiza obtusa (Coult.& Rose)Fern.
SOURCES: Cartes
REPARTITION: Aka-TNO, CB-Man, ncOnt, Q-TN
ONTARIO: Lac Supérieur
CARTE: Constance & Shan 1948, Hultén 1968
CONDITIONS: Rare dans le Minnesota et le Michigan (Morley 1972, Wagner 1976).

Oxypolis rigidior (L.)Coult.& Rose
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada.; peut-être éliminée de l'Ontario (Soper 1962).

Oxytropis campestris (L.)DC. var. *johannensis* Fern.
(*O. johannensis* Fern.)
SOURCES: Cartes
REPARTITION: neOnt-TN
ONTARIO: Baie de James
CARTE: Barneby 1952, Raymond 1950b

Oxytropis deflexa (Pall.)DC. var. *foliolosa* (Hook.)Barneby
(*O. foliolosa* Hook.)
SOURCES: Moir 1958 et cartes
REPARTITION: Aka-TNO, CB-Alta, nOnt, Q, Lab
ONTARIO: Baie d'Hudson
CARTE: Barneby 1952, Hultén 1968, Porsild 1964

Oxytropis foliolosa = *O. deflexa* var. *foliolosa*

Oxytropis hudsonica = *O. viscida* var. *hudsonica*

Oxytropis ixodes = *O. viscida* var. *viscida*

Oxytropis johannensis = *O. campestris* var. *johannensis*

Oxytropis splendens Dougl.
SOURCES: Cartes
REPARTITION: Aka-TNO, Alta-Man, nOnt
ONTARIO: Baie d'Hudson et Lac Supérieur
CARTE: Barneby 1952, Given & Soper 1976 Ont, Hultén 1968

Oxytropis viscida Nutt. var. *hudsonica* (Greene)Barneby
(*O. hudsonica* (Greene)Fern.)
SOURCES: Kershaw & Morton 1976, Moir 1958 et cartes
REPARTITION: TNO, nOnt-Q
ONTARIO: Baies d'Hudson et de James
CARTE: Barneby 1952, Porsild 1964, Raup 1947

Oxytropis viscida Nutt. var. *viscida*
(*O. ixodes* Butt.& Abbe)
SOURCES: Kershaw 1976 et cartes
REPARTITION: Aka-TNO, CB-Alta, ncOnt
ONTARIO: Lac Supérieur
CARTE: Barneby 1952, Given & Soper 1976 Ont

Panax quinquefolius L.
SOURCES: Beschel et al. 1970, IBP-CT 1974, Kershaw 1976, Kershaw & Morton 1976
REPARTITION: sOnt-Q (Boivin 1967)
CARTE: Argus 1976
CONDITIONS: Rare au Canada. Envoie de disparition dans le Michigan, l'Illinois et le New Hampshire (Wagner 1976, En voie de disparition dans le Michigan (Wagner 1976). Rare dans le Minnesota (Morley 1972).
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats-Unis Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976, Zander 1976).

Panicum agrostoides = *P. rigidulum*

Panicum bicknellii Nash
SOURCES: Beschel et al. 1970, Reznicek 1975-76 et carte
REPARTITION: sOnt-Q (Fernald 1950)
ONTARIO: Cté de Waterloo et cté de Leeds
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U
CONDITIONS: Rare dans l'Indiana (Barnes 1975).

Panicum calliphyllum Ashe
SOURCES: Dore & McNeill 1976
REPARTITION: Ont
CARTE: Hitchcock & Chase 1910 E-U
CONDITIONS: Rare au Canada. Menacée dans la Pennsylvanie (Wherry 1975).

Panicum clandestinum L.
(*P. latifolium* L. var. *clandestinum* (L.)Pursh)
SOURCES: Carte
REPARTITION: soOnt-Q, NE (Boivin 1967)
ONTARIO: Cté de Norfolk
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U

Panicum columbianum Scribn. var. *commonsianum* (Ashe)Dore
(*P. commonsianum* Ashe)
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt
ONTARIO: Cté de Middlesex et cté d'Elgin
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U
CONDITIONS: Rare au Canada; peut-être allogène (Dore & McNeill 1976).

Panicum commonsianum = *P. columbianum* var. *commonsianum*

Panicum depauperatum Muhl.
SOURCES: Carte
REPARTITION: Man-Ont-NE (Boivin 1967)
ONTARIO: Lac Supérieur et sOnt
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U

Panicum depauperatum var. *perlongum* = *P. perlongum*

Panicum dichotomum L.
SOURCES: Beschel et al. 1970, Kershaw 1976 et carte
REPARTITION: sOnt (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U
CONDITIONS: Rare au Canada.

Panicum gattingeri Nash
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt-soQ (Fernald 1950)
ONTARIO: Cté de Middlesex
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U
CONDITIONS: Rare au Canada; peut-être allogène (Dore & McNeill 1976).

Panicum lanuginosum Elliott var. *praecocius* (Hitchc.& Chase)Dore
(*P. praecocius* Hitchc.& Chase)
SOURCES: Carte
REPARTITION: soOnt (Fernald 1950)
ONTARIO: Cté de Lambton à cté d'Essex
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U
CONDITIONS: Rare au Canada.

Panicum latifolium var. *clandestinum* = *P. clandestinum*

Panicum leibergii (Vasey)Scribn. var. *baldwinii* Lepage
SOURCES: Carte
REPARTITION: o&neOnt (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont
CONDITIONS: Rare au Canada.

Panicum leibergii (Vasey)Scribn. var. *leibergii*
SOURCES: Carte
REPARTITION: Alta-soOnt (Boivin 1967)
ONTARIO: Lac Ste-Clair
CARTE: Dore & McNeill 1976 Ont
CONDITIONS: Menacée dans la Pennsylvanie (Wherry 1975).

Panicum oligosanthes Schult.
SOURCES: Carte
REPARTITION: CB-sOnt (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U

Panicum perlongum Nash
(*P. depauperatum* Muhl. var. *perlongum* (Nash)Boivin)
SOURCES: Kershaw 1976 et carte
REPARTITION: Man-o&sOnt (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U

Panicum philadelphicum Bernh.
SOURCES: Carte
REPARTITION: eOnt-soQ (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U

Panicum praecocius = *P. lanuginosum* var. *praecocius*

Panicum rigidulum Bosc.
(*P. agrostoides* Spreng.)
SOURCES: Catling et al. 1977, Reznicek 1975-76 et carte
REPARTITION: CB, sOnt (Hitchcock et al. 1955-69)
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U
CONDITIONS: Rare au Canada; peut-être allogène (Dore & McNeill 1976).

Panicum sphaerocarpon Ell.
SOURCES: Catling et al. 1977, Kershaw 1976 et carte
REPARTITION: sOnt
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U
CONDITIONS: Rare au Canada.

Panicum spretum Schultes
SOURCES: Catling et al. 1977, Dore & McNeill 1976
REPARTITION: sOnt, sNE (Boivin 1967)
ONTARIO: Cté de Simcoe et Dist. de Muskoka
CARTE: Hitchcock & Chase 1950 E-U

Panicum subvillosum Ashe
SOURCES: Beschel et al. 1970, Dore & McNeill 1976
REPARTITION: Sask-Q (Fernald 1950)
CARTE: Hitchcock & Chase 1950 E-U
CONDITIONS: Rare dans l'Indiana (Barnes 1975).

Parnassia kotzebuei Cham.
SOURCES: Cartes
REPARTITION: Aka-TNO, CB-Man, neOnt, Q-Lab (Boivin 1967)
ONTARIO: Baie de James
CARTE: Hultén 1968, Porsild 1964, Raup 1947

Paronychia canadensis (L.)Wood
SOURCES: Cody 1970, Cruise 1969 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Core 1941
CONDITIONS: Rare au Canada; peut-être éliminée dans l'Ontario (Cody 1970). Rare dans le Minnesota (Morley 1972).

Paspalum ciliatifolium Michx.
SOURCES: Dore & McNeill 1976, Reznicek 1975-76
REPARTITION: soOnt
ONTARIO: Cté de Kent et cté d'Essex
CARTE: Hitchcock & Chase 1950 E-U
CONDITIONS: Rare au Canada.

Pedicularis flammea L.
SOURCES: Moir 1958 et cartes
REPARTITION: TNO, Man-nOnt-Q, TN-Lab (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1958, Hultén 1968, Porsild 1964

Pedicularis lanceolata Michx.
SOURCES: Stewart & James 1969 et carte
REPARTITION: sMan-Ont (Boivin 1967)
CARTE: Pennell 1935

Pedicularis lapponica L.
SOURCES: Moir 1958 et cartes
REPARTITION: Aka–TNO, Man–nOnt–Q, Lab (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1968, Hultén 1971, Porsild 1964

Pedicularis sudetica Willd. ssp. *interioides* Hult.
SOURCES: Moir 1958 et cartes
REPARTITION: Aka–TNO, Man–nOnt–Q
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1968, Hultén 1971

Pellaea atropurpurea (L.)Link
SOURCES: Beschel et al. 1970, FON 1969, IBP–CT 1974 et cartes
REPARTITION: CB–Alta, Sask, s&eOnt–Q
CARTE: Brunton & Lafontaine 1974b Ont–Q, Rigby & Britton 1970 Can, Soper 1963 Ont, Tryon 1957, Tryon 1972
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976). Menacée d'extinction dans le Michigan (Wagner 1976). Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974). Rare dans le Minnesota (Morley 1972).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976).

Peltandra virginica (L.)Schott & Endl.
SOURCES: Kershaw 1976, Laking 1951 et carte
REPARTITION: soOnt–soQ (Boivin 1967)
ONTARIO: Cté d'Oxford, cté de Norfolk et région de Niagara
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada.

Penstemon gracilis Nutt.
SOURCES: Reznicek 1975–76 et carte
REPARTITION: CB–oOnt (Boivin 1967)
CARTE: Pennell 1935

Petalostemum candidum (Willd.)Michx.
SOURCES: Reznicek 1975–76
REPARTITION: sAlta–oOnt (Boivin 1967)

Petalostemum purpureum (Vent.)Rydb.
SOURCES: Reznicek 1975–76
REPARTITION: sAlta–Ont (Boivin 1967)
CONDITIONS: En voie de disparition dans le Michigan (Wagner 1976).

Phacelia franklinii (R.Br.)Gray
SOURCES: Reznicek 1975–76 et cartes
REPARTITION: Aka–TNO, CB, Alta, Sask–Man, ncOnt, localisé
ONTARIO: Lac Supérieur
CARTE: Gillett 1960, Given & Soper 1976 Ont, Hultén 1969, Porsild 1966

Phegopteris hexagonoptera (Michx.)Fée
(*Dryopteris hexagonoptera* Michx., *Thelypteris hexagonoptera* (Michx.)Weath.)
SOURCES: Britton 1976, Cruise 1969, IBP–CT 1974, Kershaw 1976, Lafontaine 1974, Stewart & James 1969 et carte
REPARTITION: sOnt–soQ (Boivin 1967)
CARTE: Hultén 1964
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans le Minnesota (Morley 1972).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976).

Phleum alpinum L.
(*P. commutatum* Gaud.)
SOURCES: Kershaw 1976, Kershaw & Morton 1976 et cartes
REPARTITION: Aka–TNO, CB–Sask, nOnt–Q, NE, TN–Lab (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Dore & McNeill 1976 Ont, Hultén 1968

Phleum commutatum = *P. alpinum*

Phlox pilosa L.
SOURCES: Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
CARTE: Levin & Smith 1966, Wherry 1955
CONDITIONS: Rare au Canada.

Phlox subulata L.
SOURCES: Carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Wherry 1955
CONDITIONS: Rare au Canada.

Phyla lancolata (Michx.)Greene var. *recognita* (Fern.& Griscom)Soper
(*Lippia lanceolata* Michx. var. *recognita* Fern.& Grisc.)
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Lac Ste–Clair et cté d'Essex
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada.

Phyllitis scolopendrium (L.)Newm. var. *americana* Fern.
SOURCES: Catling 1974, Faust 1969, FON 1969, Kershaw 1976, Kershaw & Morton 1976, Lafontaine 1974, Löve & Löve 1973 et cartes
REPARTITION: sOnt
ONTARIO: Région de Niagara et Pén. Bruce
CARTE: Fernald 1935, Hultén 1964, Soper 1954 Ont
CONDITIONS: Rare au Canada. En voie de disparition aux Etats–Unis (Smithsonian Institution 1975. United States 1976). En voie de disparition dans le Michigan (Wagner 1976). Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976).

Pinus rigida Mill.

SOURCES: Beschel et al. 1970, IBP-CT 1974, Kershaw 1976, Lafontaine 1974 et cartes

REPARTITION: seOnt-soQ

ONTARIO: Cté de Leeds

CARTE: Hosie 1969 Can, Little 1971, Smouse & Saylor 1973, Soper 1960 Ont, VanderKloet 1973

CONDITIONS: Rare au Canada.

Piperia unalascensis (Spreng.)Rydb.
(*Habenaria unalascensis* (Spreng.)Wats.)

SOURCES: FON 1969 et cartes

REPARTITION: Aka-Y, CB-Alta, scOnt, Q

ONTARIO: Pen. Bruce et île Manitoulin

CARTE: Case 1964 Grande Lacs, Fernald 1925, Given & Soper 1976 Ont, Luer 1975, Soper 1960 Ont

CONDITIONS: Menacée d'extinction dans le Michigan (Wagner 1976).

PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats-Unis

Plantago cordata Lam.

SOURCES: Kershaw 1976 et cartes

REPARTITION: sOnt (Boivin 1967)

CARTE: Bassett 1967, Bassett 1973, Tessene 1969

CONDITIONS: Rare au Canada. Eliminée dans le Michigan (Wagner 1976). Rare dans le Wisconsin et l'Indiana (Read 1976, Barnes 1975).

Plantago maritima L.

SOURCES: Moir 1958 et carte

REPARTITION: Aka, CB, Man-nOnt-Lab

ONTARIO: Baies d'Hudson et de James

CARTE: Bassett 1973

Platanthera blephariglottis (Willd.)Lindl.
(*Habenaria blephariglottis*(Willd.)Hook.)

SOURCES: Catling 1974, Lafontaine & White 1974 et cartes

REPARTITION: sOnt-TN

CARTE: Case 1964 Grands Lacs, Correll 1941, Luer 1975, Soper 1960 Ont

CONDITIONS: Eliminée dans l'Illinois (Paulson & Schwegman 1976). En voie de disparition dans le New Hampshire (Hodgdon 1973).

PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats-Unis Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976 et le Vermont (Vermont 1957, 1974).

Platanthera ciliaris (L.)Lindl.
(*Habenaria ciliaris* (L.)R.Br.)

SOURCES: Brunton 1974-75, Catling & Whiting 1976, Kershaw 1976 et cartes

REPARTITION: soOnt

ONTARIO: Cté d'Essex et île Walpole

CARTE: Case 1964 Grands Lacs, Luer 1975, Soper 1960 Ont

CONDITIONS: Rare et peut-être éliminée du Canada (Brunton 1974-75, Catling & Whiting 1976). Menacée d'extinction dans le Michigan (Wagner 1976).

PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats-Unis Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976 et le Vermont (Vermont 1957, 1974).

Platanthera flava (L.)Lindl. var. *herbiola* (R.Br.)Luer
(*Habenaria flava* (L.)R.Br. var. *herbiola* (R.Br.)Ames & Correll

SOURCES: Beschel et al. 1970, Brunton 1974-75 et cartes

REPARTITION: sOnt-NE

CARTE: Ayensu 1975 E-U, Case 1964 Grands Lacs, Luer 1975, Soper 1960 Ont

CONDITIONS: Rare au Canada. Menacée d'extinction aux Etats-Unis (Ayensu 1975, Smithsonian Institution 1975). En voie de disparition dans l'Illinois (Paulson & Schwegman 1976). Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans le Michigan (Wagner 1976).

PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats-Unis Protégée par la loi dans le Minnesota, le Wisconsin, l'Etat de New York (McGaugh & Genoways 1976)

Platanthera leucophaea (Nutt.)Lindl.
(*Habenaria leucophaea* (Nutt.)Gray)

SOURCES: Beschel et al. 1970, Catling 1974, FON 1969, IBP-CT 1974, Kershaw 1976, Kershaw & Morton 1976 et cartes

REPARTITION: sOnt-NB, NE (Boivin 1967)

CARTE: Ayensu 1975 E-U, Case 1964 Grands Lacs, Luer 1975, Soper 1960 Ont

CONDITIONS: Rare au Canada. Menacée d'extinction aux Etats-Unis (Ayensu 1975, Smithsonian Institution 1975). En voie de disparition dans le Wisconsin et l'Illinois (Read 1976, Paulson & Schwegman 1976). Menacée d'extinction dans le Michigan (Wagner 1976).

PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats-Unis Protégée par la loi dans le Minnesota, le Wisconsin et l'Etat de New York (McGaugh & Genoways 1976).

Poa alpigena (Fries)Lindm.
(*P. pratensis* L. var. *alpigena* Fries)
SOURCES: Reznicek 1975–76 et cartes
REPARTITION: Aka–TNO, CB, Sask–nOnt–Lab
ONTARIO: Baies d'Hudson et de James
CARTE: Dore & McNeill 1976 Ont, Hultén 1964, Hultén 1968, Porsild 1964

Poa arctica R.Br.
SOURCES: Cartes
REPARTITION: Aka–TNO, CB–Alta, Man–nOnt–Q, TN–Lab (Boivin 1967)
ONTARIO: Baie d'Hudson
CARTE: Dore & McNeill 1976 Ont, Hultén 1968, Porsild 1964

Poa canbyi (Scribn.)Howell
SOURCES: Dore & McNeill 1976, Kershaw 1976, Kershaw & Morton 1976 et cartes
REPARTITION: Aka, CB–Man, ncOnt, Q
ONTARIO: Lac Supérieur
CARTE: Hultén 1968, Poisild 1966

Poa interior Rydb.
(*P. nemoralis* var. *interior* (Rydb.)Butt.& Abbe)
SOURCES: Cartes
REPARTITION: CB–nOnt–Q (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Ramaley 1939

Poa nemoralis var. *interior* = *P. interior*

Poa pratensis var. *alpigena* = *P. alpigena*

Podostemum ceratophyllum Michx.
SOURCES: Brunton 1974–75 et carte
REPARTITION: eOnt–NB (Boivin 1967)
CARTE: Raymond 1950b

Polanisia dodecandra (L.)DC.
(*P. graveolens* Raf.)
SOURCES: Beschel et al. 1970, Cruise 1969, Kershaw 1976 et carte
REPARTITION: Sask–sOnt–soQ (Boivin 1967)
CARTE: Iltis 1958

Polanisia graveolens = *P. dodecandra*

Polygala incarnata L.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Fernald 1937
CONDITIONS: Rare au Canada. Eliminée dans la Pennsylvania (Wherry 1975). En voie de disparition dans le Wisconsin (Read 1976).

Polygonatum biflorum (Walt.)Ell.
(*P. canaliculatum* (Muhl.)Pursh)
SOURCES: Beschel et al. 1970, Cruise 1969, Kershaw 1976 et carte
REPARTITION: seSask–sOnt (Boivin 1967)
CARTE: Cruise & Haber 1972 Ont, Ownbey 1944
CONDITIONS: Rare au Canada.

Polygonatum canaliculatum = *P. biflorum*

Polygonella articulata (L.)Meisn.
SOURCES: Brunton 1974–75, Kershaw 1976 et carte
REPARTITION: Ont–soQ (Boivin 1967)
CARTE: Horton 1963, Soper 1960 Ont
CONDITIONS: Rare au Canada. Rare dans l'Indiana (Barnes 1975).

Polygonum careyi Olney
SOURCES: Brunton 1974–75, CAN, Catling et al. 1977, Cruise 1969
REPARTITION: cOnt–NB (Boivin 1967)
CONDITIONS: Menacée d'extinction dans le Michigan (Wagner 1976). Rare dans l'Indiana (Barnes 1975).

Polygonum ramosissimum Michx.
SOURCES: Reznicek 1975–76
REPARTITION: CB–NE (Boivin 1967)
CONDITIONS: Rare dans le Minnesota (Morley 1972).

Polygonum tenue Michx.
SOURCES: Cruise 1969, Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Polymnia canadensis L.
SOURCES: Kershaw 1976 et carte
REPARTITION: sOnt (Boivin 1967)
CARTE: Soper 1962 Ont, Wells 1969
CONDITIONS: Rare au Canada.

Polystichum braunii (Spenner)Fée var. *purshii* Fern.
SOURCES: Britton 1976, Catling 1974 et carte
REPARTITION: ncOnt–TN (Fernald 1950)
ONTARIO: Lac Supérieur
CARTE: Hultén 1964, Soper 1977 Ont
CONDITIONS: En voie de disparition dans le Wisconsin (Read 1976)., Soper 1977
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976 et le Vermont (Vermont 1957, 1974).

Polystichum lonchitis (L.)Roth
SOURCES: Britton 1976, Catling 1974 et cartes
REPARTITION: Aka–Y, CB–Alta, Ont, Q–TN, localisé (Boivin 1967)
CARTE: Fernald 1935, Given & Soper 1976 Ont, Hultén 1958, Roland 1942, Soper 1954 Ont
CONDITIONS: Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).

Potamogeton bicupulatus Fern.
(*P. capillaceus* auct.)
SOURCES: Kershaw 1976, Reznicek 1975–76, Soper 1975–76 et carte
REPARTITION: scOnt
ONTARIO: eBaie Georgienne
CARTE: Reznicek & Bobbette 1976
CONDITIONS: Rare au Canada.

Potamogeton capillaceus = *P. bicupulatus*

Potamogeton confervoides Reichenb.
SOURCES: Brunton 1974–75, Reznicek 1975–76, Soper 1975–76
REPARTITION: Ont–NB, NE–Lab (Boivin 1967)
CARTE: Fernald 1932
CONDITIONS: Eliminée dans le Wisconsin (Read 1976). Menacée d'extinction dans le Michigan (Wagner 1976).

Potamogeton hillii Morong.
SOURCES: Dale 1976, Kershaw 1976 et carte
REPARTITION: soOnt
ONTARIO: St–Thomas
CARTE: Fernald 1932, Haynes 1974
CONDITIONS: Rare au Canada. Menacée d'extinction aux Etats–Unis (Smithsonian Institution 1975). Eliminée dans l'Ohio (Stuckey & Roberts 1976). Menacée dans le Michigan et la Pennsylvanie (Wagner 1976, Wherry 1975).

Potamogeton oakesianus Robbins
SOURCES: Brunton 1974–75, Cruise 1969, Reznicek 1975–76 et carte
REPARTITION: Ont–Lab (Boivin 1967)
CARTE: Meusel et al. 1965, Ogden 1943

Potamogeton perfoliatus L. var. *perfoliatus*
SOURCES: Reznicek 1975–76 et carte
REPARTITION: cOnt–NE (Boivin 1967)
CARTE: Hultén 1964, Ogden 1943

Potamogeton pulcher Tuck.
SOURCES: Kershaw 1976, Reznicek 1975–76
REPARTITION: soOnt, NE (Boivin 1967)
CARTE: Ogden 1943
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976). Menacée dans le Michigan et la Pennsylvanie (Wagner 1976, Wherry 1975). Rare dans l'Indiana et l'Ohio (Barnes 1975, Stuckey & Roberts 1976).

Potamogeton vaseyi Robbins
SOURCES: Beschel et al. 1970, Reznicek 1975–76 et carte
REPARTITION: Ont–NB (Boivin 1967)
CARTE: Fernald 1932
CONDITIONS: Menacée dans le Wisconsin, le Michigan et la Pennsylvanie (Read 1976, Wagner 1976, Wherry 1975).

Potentilla gracilis Dougl.
SOURCES: Cartes
REPARTITION: Aka–Y, CB–nOnt–Q, localisé (Boivin 1967)
ONTARIO: Lac Supérieur et Dist. Timiskaming
CARTE: Given & Soper 1976 Ont, Hultén 1968

Potentilla hippiana Lehm.
SOURCES: Carte
REPARTITION: Aka, CB–Ont, Q (Boivin 1967)
CARTE: Hultén 1968

Potentilla paradoxa Nutt.
SOURCES: Beschel et al. 1970, Cruise 1969
REPARTITION: seCB–Ont (Boivin 1967)
CONDITIONS: Menacée dans la Pennsylvanie (Wherry 1975).

Potentilla pensylvanica L.
SOURCES: Brunton 1974–75 et carte
REPARTITION: Aka–TNO, CB–nOnt–Q (Boivin 1967)
CARTE: Given & Soper 1976 Ont, Hultén 1968

Potentilla pulchella R.Br.
SOURCES: Moir 1958 et cartes
REPARTITION: Aka–TNO, Man, nOnt–Q
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1958, Hultén 1968, Porsild 1964

Potentilla rivalis Nutt.
SOURCES: Brayshaw 1964
REPARTITION: CB–oOnt (Boivin 1967)

Primula intercedens Fern.
SOURCES: FON 1969, Krotkov 1940
REPARTITION: scOnt (Boivin 1967)
ONTARIO: Ile Manitoulin, lac Nipissing et pén. Bruce
CONDITIONS: Rare au Canada.

Prunus americana Marsh.
SOURCES: Cartes
REPARTITION: seSask–soOnt (Boivin 1967)
CARTE: Groh & Senn 1940 Ont–Q, Hosie 1969 Can, Soper & Heimburger 1976 Ont
CONDITIONS: Rare au Canada.

Ptelea trifoliata L.
SOURCES: Kershaw 1976, Lafontaine 1974 et cartes
REPARTITION: soOnt–soQ (Boivin 1967)
CARTE: Bailey et al. 1970, Fox & Soper 1952 Ont, Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976).

Pterospora andromeda Nutt.
SOURCES: Beschel et al. 1970, Cruise 1969, FON 1969 et carte
REPARTITION: CB–Sask, sOnt–Q, IPE localisé dans l'est
CARTE: Bakshi 1959, Gillett 1972 Ont–Q
CONDITIONS: En voie de disparition dans le Wisconsin et le New Hampshire (Read 1976, Hodgdon 1973). Menacée d'extinction dans le Michigan (Wagner 1976). Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).

Puccinellia lucida Fern.& Weath.
SOURCES: CAN et carte
REPARTITION: CB, Man–neOnt–NB (Fernald 1950)
ONTARIO: Baie de James
CARTE: Dore & McNeill 1976 Ont

Puccinellia nuttalliana (Schult.)Hitchc.
SOURCES: Kershaw 1976, Kershaw & Morton 1976 et cartes
REPARTITION: Aka–TNO, CB–Man, ncOnt (Boivin 1967)
ONTARIO: Lac des bois et Dist. de Thunder Bay
CARTE: Dore & McNeill 1976 Ont, Hultén 1968

Pycnanthemum incanum (L.)Michx.
SOURCES: Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Hamilton
CARTE: Grant & Epling 1943
CONDITIONS: Rare et peut-être éliminée du Canada. Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).

Pycnanthemum pilosum Nutt.
SOURCES: Kershaw 1976, Pratt 1974 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Grant & Epling 1943
CONDITIONS: Rare au Canada.

Pycnanthemum tenuifolium Schrader
SOURCES: Kershaw 1976
REPARTITION: sOnt–soQ (Boivin 1967)
CONDITIONS: Rare au Canada.

Pyrola grandiflora Rad.
SOURCES: Cartes
REPARTITION: Aka–TNO, CB, Man–nOnt–Q, Lab
ONTARIO: Baies d'Hudson et de James
CARTE: Given & Soper 1976 Ont, Hultén 1958, Hultén 1968, Porsild 1964, Young 1971

Quercus bicolor Willd.
SOURCES: Kershaw 1976 et cartes
REPARTITION: sOnt–soQ (Boivin 1967)
CARTE: Fox & Soper 1954 Ont, Hosie 1969 Can, Little 1971, Soper 1960 Ont
CONDITIONS: Rare au Canada.

Quercus ellipsoidalis E.J.Hill
SOURCES: Maycock 1976 et carte
REPARTITION: noOnt
CARTE: Little 1971, Wadmond 1933
CONDITIONS: Rare au Canada. Rare dans l'Indiana (Barnes 1975).

Quercus muehlenbergii Engelm.
SOURCES: IBP–CT 1974, Kershaw 1976 et cartes
REPARTITION: sOnt (Boivin 1967)
CARTE: Fox & Soper 1954 Ont, Hosie 1969 Can, Little 1971, Soper 1960 Ont
CONDITIONS: Rare au Canada. Rare dans le Minnesota (Morley 1972).

Quercus palustris Muenchh.
SOURCES: Kershaw 1976, Stewart & James 1969 et cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Fox & Soper 1954 Ont, Hosie 1969 Can, Little 1971, Soper 1960 Ont
CONDITIONS: Rare au Canada.

Quercus prinoides Willd.
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Fox & Soper 1954 Ont, Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont
CONDITIONS: Rare au Canada. Rare dans l'Indiana (Barnes 1975).

Quercus prinus L.
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Fox & Soper 1954 Ont, Hosie 1969 Can, Little 1971
CONDITIONS: Rare au Canada.

Ranunculus fascicularis Muhl.
SOURCES: Brunton 1974–75, IBP–CT 1974
REPARTITION: seMan–sOnt (Boivin 1967)
CONDITIONS: Rare au Canada. En voie de disparition dans le New Hampshire (Hodgdon 1973).

Ranunculus hispidus Michx. var. *marilandicus* (Poir.)Benson
SOURCES: Beschel et al. 1970, Cruise 1969, IBP–CT 1974, Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Ranunculus pallasii Schlecht.
SOURCES: Cartes
REPARTITION: Aka–TNO, Man–nOnt–Q, Lab
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1968, Hultén 1971, Porsild 1964

Ranunculus pedatifidus Sm. ssp. *affinis* (R.Br.)Hult.
SOURCES: Moir 1958 et cartes
REPARTITION: Aka–TNO, CB–Alta, Sask, Man–nOnt–Q, TN–Lab
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1968, Hultén 1971

Ranunculus rhomboideus Goldie
SOURCES: Beschel et al. 1970, Cruise 1969, Reznicek 1975–76
REPARTITION: CB–Ont, localisé (Boivin 1967)

Ratibida columnifera (Nutt.)Woot.& Standl.
SOURCES: Cartes
REPARTITION: seCB–Ont (Boivin 1967)
CARTE: Richards 1968, Soper 1960 Ont
CONDITIONS: Rare dans l'Indiana (Barnes 1975).

Ratibida pinnata (Vent.) Barnh.
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Richards 1968, Soper 1960 Ont
CONDITIONS: Rare au Canada.

Rhexia virginica L.
SOURCES: Brunton 1974–75, Catling et al. 1977 et cartes
REPARTITION: sOnt, oNE (Boivin 1967)
ONTARIO: eBaie Georgienne à Parc Prov. Algonquin
CARTE: James 1956, Kral & Bostick 1969, Soper 1956 Ont
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans le Michigan (Wagner 1976).

Rhinanthus borealis (Sterneck)Chabert
SOURCES: Moir 1958
REPARTITION: nOnt, Q, TN (Fernald 1950)
ONTARIO: Baie d'Hudson

Rhododendron lapponicum Wahl.
SOURCES: Moir 1958 et cartes
REPARTITION: Aka–TNO, CB, Alta, Man–nOnt–Q, TN–Lab
ONTARIO: Baies d'Hudson et de James
CARTE: Gillett 1971, Given & Soper 1976 Ont, Hultén 1958, Hultén 1968, Prosild 1964

Rhus copallina L.
SOURCES: Cruise 1969, IBP–CT 1974, Kershaw 1976 et cartes
REPARTITION: sOnt (Boivin 1967)
CARTE: Barkley 1937, Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont, VanderKloet 1968 Ont–NY
CONDITIONS: Rare au Canada. Menacée dans la Pennsylvanie (Wherry 1975).

Rhynchospora capitellata (Michx.)Vahl
SOURCES: Beschel et al. 1970, Catling et al. 1977, IBP–CT 1974, Reznicek 1975–76 et cartes
REPARTITION: sOnt–NB, NS (Boivin 1967)
CARTE: Gale 1944, Wood 1970, Wood 1972

Rosa setigera Michx.
SOURCES: CAN, Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté d'Essex
CARTE: Soper & Heimburger 1976 Ont
CONDITIONS: Rare au Canada.

Sabatia angularis (L.)Pursh
SOURCES: DAO, Gillett 1963, Kershaw 1976
REPARTITION: soOnt
CARTE: Wilbur 1955
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Michigan (Wagner 1976).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976).

Sagina procumbens L.
SOURCES: Beschel et al. 1970
REPARTITION: CB, Ont–NE, TN–Lab (Boivin 1967)
CARTE: Meusel et al. 1965

Sagittaria engelmanniana J.G.Smith var. *brevirostra* (Mack.& Bush)Bogin
SOURCES: Reznicek 1975–76
REPARTITION: soOnt (Boivin 1967)
CARTE: Bogin 1955
CONDITIONS: Rare au Canada.

Sagittaria graminea Michx. var. *cristata* (Engelm.)Bogin
SOURCES: Kershaw 1976 et carte
REPARTITION: scOnt (Boivin 1967)
ONTARIO: Ile Manitoulin et pén. Bruce
CARTE: Bogin 1955
CONDITIONS: Rare au Canada. Rare dans le Minnesota (Morley 1972).

Salicornia europaea L.
SOURCES: Reznicek 1975–76 et cartes
REPARTITION: Aka–Y, CB–Man, neOnt–TN, localisé
ONTARIO: Baie de James
CARTE: Hultén 1968, Hultén 1971

Salix arctica Pall.
SOURCES: Argus 1974–76, Moir 1958 et cartes
REPARTITION: Aka–TNO, CB–Alta, Man, nOnt–Q, TN–Lab
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1971, Porsild 1964, Soper & Heimburger 1976 Ont

Salix arctophila Cock.
SOURCES: Argus 1974–76, Moir 1958 et cartes
REPARTITION: Aka–TNO, Sask–Man, nOnt–Q, TN–Lab
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1968, Porsild 1964, Soper & Heimburger 1976 Ont

Salix brachycarpa Nutt. ssp. *brachycarpa*
SOURCES: Argus 1974–76, Moir 1958 et cartes
REPARTITION: CB–Sask, Man–nOnt–nQ
ONTARIO: Baies d'Hudson et de James
CARTE: Argus 1965, Raup 1943 eCan, Soper & Heimburger 1976 Ont

Salix calcicola = *S. lanata* ssp. *calcicola*

Salix lanata L. ssp. *calcicola* (Fern.& Wieg.)Hult. (*S. calcicola* Fern.& Wieg.)
SOURCES: Argus 1974–76, Moir 1958 et cartes
REPARTITION: TNO, Man–nOnt–nQ, TN–Lab
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1971, Porsild 1964, Soper & Heimburger 1976 Ont

Salix maccalliana Rowlee
SOURCES: Argus 1974–76 et cartes
REPARTITION: TNO, CB–nOnt–Q (Boivin 1967)
CARTE: Raup 1959, Soper & Heimburger 1976 Ont

Salix reticulata L.
SOURCES: Argus 1974–76, Moir 1958 et cartes
REPARTITION: Aka–TNO, CB, Sask–nOnt–Q, TN–Lab (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Hultén 1968, Hultén 1971, Porsild 1964, Soper & Heimburger 1976 Ont

Salix sericea Marsh.
SOURCES: Argus 1974–76 et carte
REPARTITION: soOnt–NB, NE (Boivin 1967)
ONTARIO: Pointe Pelée
CARTE: Soper & Heimburger 1976 Ont
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976).

Salix vestita Pursh
SOURCES: Argus 1974–76, Moir 1958 et cartes
REPARTITION: TNO, CB–Alta, Man–nOnt–Q, TN–Lab (Boivin 1967)
ONTARIO: Baie d'Hudson
CARTE: Raup 1943 eCan, Raup 1959, Soper & Heimburger 1976 Ont

Sanicula canadensis L.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Shan & Constance 1951
CONDITIONS: Rare au Canada.

Satureja arkansana = *S. glabella* var. *angustifolia*

Satureja glabella (Michx.)Briq. var. *angustifolia* (Torr.)Svens.
(*S. arkansana* (Nutt.)Briq.)
SOURCES: Cruise 1969, FON 1969
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada. En voie de disparition dans le Wisconsin (Read 1976).

Saxifraga aizoides L.
SOURCES: Soper & Maycock 1963 et cartes
REPARTITION: Y–TNO, CB–Alta, Man–nOnt–Q, NE–Lab (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Given & Soper 1976 Ont, Hultén 1958, Porsild 1964, Raup 1947

Saxifraga caespitosa L.
SOURCES: Moir 1958 et cartes
REPARTITION: Aka–TNO, CB–Alta, Man–nOnt–Q, TN–Lab (Boivin 1967)
ONTARIO: Baie d'Hudson
CARTE: Hultén 1958, Hultén 1968

Saxifraga cernua L.
SOURCES: CAN, Kershaw 1976, Kershaw & Morton 1976, Moir 1958
REPARTITION: Aka, CB–Alta, noOnt, Q, Lab (Boivin 1967)
ONTARIO: Baie d'Hudson
CARTE: Porsild 1964
CONDITIONS: En voie de disparition dans le New Hampshire (Hodgdon 1973).

Saxifraga pensylvanica L.
SOURCES: DAO, Kershaw 1976, Looman 1973
REPARTITION: Man–Ont (Boivin 1967)
CARTE: Burns 1942
CONDITIONS: Rare au Canada.

Scirpus clintonii Gray
SOURCES: Reznicek 1975–76
REPARTITION: Alta–Sask, Ont–NB (Boivin 1967)
CARTE: Lepage 1969 Q

Scirpus heterochaetus Chase
SOURCES: DAO, Kershaw 1976
REPARTITION: sMan, eOnt–soQ (Fernald 1950)
ONTARIO: Ingleside
CONDITIONS: Rare au Canada. Menacée dans la Pennsylvanie (Wherry 1975).

Scirpus maritimus L. var. *paludosus* (Nels.)Kukenth. (*S. paludosus* Nels.)
SOURCES: Kershaw 1976, Kershaw & Morton 1976 et carte
REPARTITION: Aka–TNO, CB–neOnt–NE (Boivin 1967)
ONTARIO: Baie de James
CARTE: Hultén 1968

Scirpus micranthus = *Hemicarpha micrantha*

Scirpus paludosus = *S. maritimus* var. *paludosus*

Scirpus smithii Gray
SOURCES: Kershaw 1976, Reznicek 1975–76
REPARTITION: Ont–sQ (Boivin 1967)
CONDITIONS: Rare au Canada. Menacée dans la Pennsylvanie (Wherry 1975).

Scirpus torreyi Olney
SOURCES: Reznicek 1975–76
REPARTITION: Ont–NB (Boivin 1967)
CONDITIONS: Rare au Canada. Eliminée dans l'Illinois (Paulson & Schwegman 1976). Rare dans le Michigan et l'Indiana (Wagner 1976, Barnes 1975).

Scirpus verecundus Fern.
SOURCES: Kershaw 1976, Reznicek 1975–76
REPARTITION: sOnt
CONDITIONS: Rare au Canada.

Scleria triglomerata Michx.
SOURCES: Kershaw 1976, Reznicek 1975–76 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Fairey 1967 seE–U, Soper 1962 Ont
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976). Rare dans le Minnesota (Morley 1972).

Scleria verticillata Muhl.
SOURCES: Beschel et al. 1970, FON 1969, Kershaw 1976, Reznicek 1975–76 et carte
REPARTITION: sOnt (Boivin 1967)
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada. Menacée dans le Wisconsin et la Pennsylvanie (Read 1976, Wherry 1975). Rare dans le Minnesota (Morley 1972).

Scutellaria nervosa Pursh var. *calvifolia* Fern.
SOURCES: CAN, Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Kingsville
CONDITIONS: Rare au Canada; peut-être éliminée de l'Ontario (Scoggan 1976).

Senecio glabellus Poir.
SOURCES: Campbell & Reznicek 1976, CAN, Kershaw 1976
REPARTITION: soOnt
ONTARIO: Ile Pelée
CONDITIONS: Rare au Canada.

Senecio obovatus Muhl.
SOURCES: DAO, FON 1969, Kershaw 1976 et carte
REPARTITION: scOnt–sQ (Fernald 1950)
ONTARIO: Pén. Bruce
CARTE: Barkley 1962
CONDITIONS: Rare au Canada.

Silene virginica L.
SOURCES: Kershaw 1976, Scoggan 1976
REPARTITION: soOnt (Boivin 1967)
CONDITIONS: Rare au Canada; peut-être éliminée de l'Ontario (Scoggan 1976).

Silphium perfoliatum L.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt–soQ (Boivin 1967)
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Michigan (Wagner 1976).

Silphium terebinthinaceum Jacq.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada.

Sisyrinchium albidum Raf.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Windsor
CARTE: Marchand & Grear 1975 Ont
CONDITIONS: Rare au Canada.

Smilax ecirrhata (Engelm.)Wats.
SOURCES: Cruise 1969, Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
CARTE: Mangaly 1968 E–U
CONDITIONS: Rare au Canada.

Smilax illinoensis Mangaly
SOURCES: Campbell & Reznicek 1976, Kershaw 1976
REPARTITION: Ont
CARTE: Mangaly 1968 E–U
CONDITIONS: Rare au Canada.

Smilax lasioneuron Hook.
SOURCES: Cruise 1969
REPARTITION: Sask–soOnt (Boivin 1967)
CARTE: Mangaly 1968 E–U

Smilax rotundifolia L.
SOURCES: Cruise 1969, Kershaw 1976 et cartes
REPARTITION: soOnt, NE (Boivin 1967)
ONTARIO: Pointe Pelée et Leamington
CARTE: Duncan 1967 seE–U, Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont
CONDITIONS: Rare et peut-être éliminée du Canada (Soper & Heimburger 1976).

Solidago arguta Ait.
SOURCES: Beschel et al. 1970, Kershaw 1976, Stewart & James 1969
REPARTITION: Ont (Boivin 1967)
CONDITIONS: Rare au Canada.

Solidago houghtonii T.& G.
SOURCES: CAN, Kershaw 1976, Kershaw & Morton 1976, Reznicek 1975–76 et cartes
REPARTITION: scOnt
ONTARIO: Ile Manitoulin et pén. Bruce
CARTE: Given & Soper 1976 Ont, Guire & Voss 1963 Grands Lacs
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Michigan (Wagner 1976).

Solidago jejunifolia Steele
(*S. uliginosa* Nutt. var. *jejunifolia* (Steele)Boivin)
SOURCES: Boivin 1967
REPARTITION: scOnt
ONTARIO: Pén. Bruce
CONDITIONS: Rare au Canada.

Solidago missouriensis Nutt.
SOURCES: Cruise 1969 et carte
REPARTITION: CB–oOnt, localisé (Boivin 1967)
CARTE: Given & Soper 1976 Ont

Solidago ohioensis Riddell
SOURCES: Cruise 1969, FON 1969, Krotkov 1940
REPARTITION: sOnt (Boivin 1967)
ONTARIO: Pén. Bruce à soOnt
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976).

Solidago patula Muhl.
SOURCES: Cruise 1969
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Solidago puberula Nutt.
SOURCES: Beschel et al. 1970, Lafontaine & White 1974
REPARTITION: eOnt–NE (Boivin 1967)

Solidago riddellii Frank
SOURCES: Reznicek 1975–76
REPARTITION: seMan–Ont (Boivin 1967)

Solidago rigida L. var. *rigida*
SOURCES: Reznicek 1975–76
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Solidago sciaphila Steele
SOURCES: Kershaw 1976
REPARTITION: scOnt (Boivin 1967)
ONTARIO: Baie Georgienne
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976).

Solidago speciosa Nutt. var. *angustata* T.& G.
SOURCES: Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté de Lambton
CONDITIONS: Rare au Canada.

Solidago uliginosa var. *jejunifolia* = *S. jejunifolia*

Solidago ulmifolia Nutt.
SOURCES: Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Sparganium androcladum (Engelm.)Morong
SOURCES: CAN, Kershaw 1976 et carte
REPARTITION: soOnt–NE
CARTE: Beal 1960
CONDITIONS: Rare au Canada. Menacée dans la Pennsylvanie (Wherry 1975). Rare dans le Michigan et l'Indiana (Wagner 1976, Barnes 1975).

Sparganium multipedunculatum (Morong)Rydb.
SOURCES: FON 1969, Krotkov 1940 et carte
REPARTITION: Aka–TNO, CB–scOnt–TN (Boivin 1967)
ONTARIO: Pén. Bruce
CARTE: Hultén 1964

Specularia perfoliata (L.)A.DC.
SOURCES: Reznicek 1975–76
REPARTITION: CB, sOnt–sQ (Boivin 1967)

Sphenopholis nitida (Biehler)Scribn.
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Hamilton et Niagara Falls
CARTE: Dore & McNeill 1976 Ont, Erdman 1965
CONDITIONS: Rare au Canada.

Sphenopholis obtusata (Michx.)Scribn.
SOURCES: Dore & McNeill 1976 et carte
REPARTITION: CB–Ont (Boivin 1967)
CARTE: Erdman 1965

Spiranthes lacera Raf. var. *gracilis* (Bigel.)Luer
SOURCES: Catling 1976b et carte
REPARTITION: sOnt
CARTE: Luer 1975
CONDITIONS: Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats–Unis Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976 et le Vermont (Vermont 1957, 1974).

Spiranthes lucida (H.H.Eat.)Ames
SOURCES: Beschel et al. 1970, Cruise 1969, FON 1969, IBP–CT 1974 et cartes
REPARTITION: sOnt–NE
CARTE: Case 1964 Grands Lacs, Catling & McKay 1973 Ont, Luer 1975
CONDITIONS: Rare dans le Michigan (Wagner 1976).
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats–Unis Protégée par la loi dans le Wisconsin, l'Etat de New York (McGaugh & Genoways 1976) et le Vermont (Vermont 1957, 1974).

Spiranthes magnicamporum Sheviak
SOURCES: Cartes
REPARTITION: soOnt
CARTE: Catling 1976a, Luer 1975
CONDITIONS: Rare au Canada.
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats–Unis Protégée par la loi dans le Minnesota et le Wisconsin (McGaugh & Genoways 1976).

Spiranthes ochroleuca Rydb.
SOURCES: Catling 1976b et carte
REPARTITION: s&eOnt–Q, NE–TN
CARTE: Luer 1975
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats–Unis Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976 et le Vermont (Vermont 1957, 1974).

Sporobolus asper (Michx.)Kunth
SOURCES: Dore & McNeill 1976, Dore 1975, Kershaw 1976
REPARTITION: Ont–NB (Boivin 1967)
CARTE: Hitchcock & Chase 1950 E–U
CONDITIONS: Rare au Canada.

Sporobolus heterolepis Gray
SOURCES: Beschel et al. 1970, Dore 1959, FON 1969, Krotkov 1940 et carte
REPARTITION: Sask–Ont–soQ (Boivin 1967)
ONTARIO: Baie Georgienne à eOnt, localisé
CARTE: Dore & McNeill 1976 Ont
CONDITIONS: Rare au Canada. Menacée dans le Michigan et la Pennsylvanie (Wagner 1976, Wherry 1975). Rare dans l'Indiana (Barnes 1975).

Sporobolus vaginiflorus (Torr.)A.Wood var. *ozarkanus* (Fern.)Shinners
SOURCES: Carte
REPARTITION: seOnt
ONTARIO: Lac Ontario
CARTE: Dore & McNeill 1976 Ont
CONDITIONS: Rare au Canada.

Sporobolus vaginiflorus (Torr.)A.Wood var. *vaginiflorus*
SOURCES: Carte
REPARTITION: sOnt–NE (Boivin 1967)
ONTARIO: Cté de Gray et cté de Carleton
CARTE: Dore & McNeill 1976 Ont

Strophostyles helvola (L.)Ell.
SOURCES: Kershaw 1976, Stewart & James 1969 et carte
REPARTITION: sOnt–soQ (Boivin 1967)
CARTE: Soper 1960 Ont
CONDITIONS: Rare au Canada. Rare dans le Michigan (Wagner 1976).

Stylophorum diphyllum (Michx.)Nutt.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: London et St-Marys
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada; peut-être éliminée de l'Ontario (Soper 1962).

Subularia aquatica L. ssp. *americana* Mulligan & Calder
SOURCES: Brunton 1974–75 et carte
REPARTITION: Aka–TNO, CB, Sask–Ont–Q, NE–Lab
ONTARIO: oOnt–Baie Georgienne
CARTE: Mulligan & Calder 1964
CONDITIONS: Rare dans le Minnesota (Morley 1972). Menacée d'extinction dans le Michigan (Wagner 1976).

Swertia caroliniensis (Walt.)Ktze.
(*Frasera caroliniensis* Walt.)
SOURCES: Catling 1974, Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Gillett 1963, Soper 1962 Ont
CONDITIONS: Rare au Canada. Rare dans le Michigan (Wagner 1976).

Tanacetum huronense Nutt.
(*Chrysanthemum bipinnatum* L. ssp. *huronense* (Nutt.)Hult.)
SOURCES: Cartes
REPARTITION: Aka–TNO, Alta, Man–nOnt–Q, NB–TN (Boivin 1967)
ONTARIO: Baies d'Hudson et de James et lac Supérieur
CARTE: Given & Soper 1976 Ont, Guire & Voss 1963 Grands Lacs, Hultén 1968, Hultén 1971
CONDITIONS: En voie de disparition dans le Wisconsin (Read 1976). Menacée d'extinction dans le Michigan (Wagner 1976).

Tephrosia virginiana (L.)Pers.
SOURCES: Cruise 1969, IBP–CT 1974, Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté de Norfolk
CARTE: Soper 1962 Ont, Wood 1949
CONDITIONS: Rare au Canada. Rare dans le Minnesota (Morley 1972).

Thalictrum revolutum DC.
SOURCES: Cruise 1969, Kershaw 1976
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Wisconsin (Read 1976).

Thalictrum sparsiflorum Turcz.
SOURCES: Kershaw 1976, Kershaw & Morton 1976 et carte
REPARTITION: Aka–TNO, CB–neOnt (Boivin 1967)
ONTARIO: Baie de James
CARTE: Hultén 1968

Thalictrum thalictroides = *Anemonella thalictroides*

Thaspium barbinode (Michx.)Nutt.
SOURCES: Cruise 1969, Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
CONDITIONS: Rare au Canada. Peut-être éliminée dans le Wisconsin (Read 1976).

Thelypteris hexagonoptera = *Phegopteris hexagonoptera*

Tilia heterophylla Vent.
SOURCES: CAN, Kershaw 1976 et carte
REPARTITION: seOnt
ONTARIO: Ile Main Duck et cté de Leeds
CARTE: Jones 1939, Little 1971
CONDITIONS: Rare au Canada.

Tofieldia pusilla (Michx.)Pers.
SOURCES: Kershaw 1976, Kershaw & Morton 1976, Moir 1958 et cartes
REPARTITION: Aka–TNO, CB–Man, nOnt–Q, TN–Lab
ONTARIO: Baies d'Hudson et de James, disjoint lac Supérieur
CARTE: Given & Soper 1976 Ont, Hultén 1964, Hultén 1968, Porsild 1964

Tradescantia ohioensis Raf.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Rivière Détroit et lac Ste-Clair
CARTE: Anderson 1954, Soper 1960 Ont
CONDITIONS: Rare au Canada.

Trichostema dichotomum L.
SOURCES: Kershaw 1976, Montgomery & Morton 1973
REPARTITION: soOnt
ONTARIO: Cté Norfolk
CARTE: Lewis 1945
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Michigan (Wagner 1976).

Triosteum angustifolium L.
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt
ONTARIO: Ile Pelée
CARTE: Duncan 1973
CONDITIONS: Rare au Canada.

Triphora trianthophora (Sw.)Rydb.
SOURCES: Catling & Whiting 1976, IBP-CT 1974, Kershaw 1976, Lafontaine 1974, Pratt 1974, Zavitz & Gaiser 1956 et cartes
REPARTITION: soOnt
ONTARIO: Leamington et Parc Prov. Rondeau
CARTE: Case 1964 Grands Lacs, Luer 1975, Soper 1962 Ont
CONDITIONS: Rare au Canada.; en voie de disparition en Ontario (Catling & Whiting 1976) En voie de disparition dans le Wisconsin (Read 1976). Menacée d'extinction dans le Michigan (Wagner 1976). Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).
PROTECTION: Le commerce international de cette plante fait l'objet d'un contrôle exigeant un permis d'exportation (Canada 1973, 1975) ratifié par le Canada et les Etats-Unis Protégée par la loi dans le Wisconsin, l'Etat de New York (McGaugh & Genoways 1976) et le Vermont (Vermont 1957, 1974).

Triplasis purpurea (Walt.)Chapman
SOURCES: Cruise 1969, Kershaw 1976, Stewart & James 1969 et cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Dore & McNeill 1976 Ont, Hitchcock & Chase 1950 E-U, Soper 1962 Ont
CONDITIONS: Menacée dans la Pennsylvanie (Wherry 1975). Rare dans le Minnesota, le Michigan et l'Indiana (Morley 1972, Wagner 1976, Barnes 1975).

Trisetum spicatum ssp. *molle* = *T. triflorum* ssp. *molle*

Trisetum spicatum var. *pilosiglume* = *T. triflorum* ssp. *molle*

Trisetum spicatum (L.)Richter ssp. *spicatum*
SOURCES: Cartes
REPARTITION: Aka-TNO, CB-nOnt-Lab (Boivin 1967)
ONTARIO: Baies d'Hudson et de James
CARTE: Dore & McNeill 1976 Ont, Hultén 1964, Hultén 1968, Porsild 1964, Raup 1947

Trisetum triflorum (Bigel.)A.& D.Löve ssp. *molle* (Hult.)A.& D.Löve
(*T. spicatum* (L.) Richter ssp. *molle* (Michx.)Hult., *T. spicatum* var. *pilosiglume* Fern.)
SOURCES: Dore 1959 et cartes
REPARTITION: Aka-TNO, CB-nOnt-Q, NE, TN-Lab (Roland & Smith 1963-69)
ONTARIO: Baies d'Hudson et de James, disjoint lac Supérieur
CARTE: Dore & McNeill 1976 Ont, Hultén 1964, Soper & Maycock 1963 Ont

Utricularia geminiscapa Benj.
SOURCES: CAN, Lafontaine & White 1974
REPARTITION: eOnt-TN (Boivin 1967)
ONTARIO: Dist. d'Ottawa
CARTE: Fernald 1933
CONDITIONS: Menacée d'extinction dans le Wisconsin (Read 1976).

Uvularia perfoliata L.
SOURCES: Catling 1974, Cruise 1969, Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Hamilton et région de Niagara
CARTE: Anderson & Whitaker 1934, Soper 1952 Ont, Wilbur 1963
CONDITIONS: Rare au Canada. En voie de disparition dans le New Hampshire (Hodgdon 1973). Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).

Vaccinium ovalifolium Sm.
SOURCES: Kershaw 1976, Kershaw & Morton 1976 et cartes
REPARTITION: Aka-Y, CB, ncOnt-Q, NE-Lab (Boivin 1967)
ONTARIO: Lac Supérieur
CARTE: Fernald 1925, Given & Soper 1976 Ont, Hultén 1968, Soper & Heimburger 1976 Ont

Vaccinium pallidum Ait.
(*V. vacillans* auct.)
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt, oNE (Boivin 1967)
CARTE: Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont
CONDITIONS: Rare au Canada.

Vaccinium stamineum L.
SOURCES: Beschel et al. 1970, IBP-CT 1974, Kershaw 1976 et cartes
REPARTITION: sOnt (Boivin 1967)
CARTE: Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont
CONDITIONS: Rare au Canada.

Vaccinium vacillans = *V. pallidum*

Valeriana ciliata = *V. edulis* var. *ciliata*

Valeriana edulis Nutt. var. *ciliata (T.& G.)Cronq.*
(*V.* ciliata *T.& G.*)
SOURCES: Cartes
REPARTITION: soOnt (Boivin 1967)
CARTE: Meyer 1951, Soper 1960 Ont
CONDITIONS: Rare au Canada. Rare dans le Michigan et l'Indiana (Wagner 1976, Barnes 1975).

Valeriana uliginosa T.& G.
SOURCES: Beschel et al. 1970
REPARTITION: Ont-NB (Boivin 1967)
CONDITIONS: En voie de disparition dans le Wisconsin (Read 1976).

Valerianella chenopodifolia (Pursh)DC.
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Cté d'Elgin et cté de Welland
CARTE: Soper 1962 Ont
CONDITIONS: Rare au Canada.; peut-être éliminée de l'Ontario (Soper 1962). Menacée d'extinction dans le Michigan (Wagner 1976). Rare dans l'Indiana (Barnes 1975).

Valerianella intermedia Dyal
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt
ONTARIO: Ile Pelée
CARTE: Duncan 1973
CONDITIONS: Rare au Canada. Eliminée dans l'Illinois (Paulson & Schwegman 1976).

Valerianella umbilicata (Sulliv.)Wood
SOURCES: Kershaw 1976 et carte
REPARTITION: soOnt
ONTARIO: Ile Pelée
CARTE: Duncan 1973
CONDITIONS: Rare au Canada. Eliminée dans l'Illinois (Paulson & Schwegman 1976).

Verbena bracteata Lag.& Rodr.
SOURCES: Carte
REPARTITION: CB-sOnt (Boivin 1967)
CARTE: Moldenke 1962 E-U, Soper 1960 Ont

Vernonia altissima Nutt.
SOURCES: Cruise 1969, Kershaw 1976
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Vernonia missurica Raf.
SOURCES: CAN, Kershaw 1976
REPARTITION: soOnt (Fernald 1950)
ONTARIO: Cté de Lambton et cté de Kent
CARTE: Faust 1972
CONDITIONS: Rare au Canada.

Veronicastrum virginicum (L.)Farw.
SOURCES: Beschel et al. 1970 et cartes
REPARTITION: sMan-Ont (Boivin 1967)
CARTE: Pennell 1935, Soper 1960 Ont
CONDITIONS: Extrêmement rare dans l'ouest de l'Etat de New York (Clinton Herbarium 1974).

Viburnum dentatum L. var. *lucidum* Ait.
(*V. recognitum* Fern.)
SOURCES: Beschel et al. 1970, Cruise 1969, IBP-CT 1974, Kershaw 1976 et cartes
REPARTITION: sOnt, soNB (Boivin 1967)
CARTE: Soper & Heimburger 1961 Ont, Soper & Heimburger 1976 Ont

Viburnum recognitum = *V. dentatum* var. *lucidum*

Vicia caroliniana Walt.
SOURCES: Beschel et al. 1970, Kershaw 1976
REPARTITION: sOnt (Boivin 1967)
CONDITIONS: Rare au Canada.

Viola epipsila Ledeb. ssp. *repens* (Turcz.) Becker
SOURCES: Kershaw 1976, Kershaw & Morton 1976 et cartes
REPARTITION: Aka-TNO, CB-Man, ncOnt
ONTARIO: Lac Supérieur
CARTE: Given & Soper 1976 Ont, Hultén 1958, Hultén 1968

Viola novae-angliae House
SOURCES: CAN, Kershaw 1976
REPARTITION: sMan-noOnt-NB (Gleason 1952)
CARTE: Russell 1965 E-U
CONDITIONS: Rare au Canada. Peut-être éliminée dans le Wisconsin (Read 1976). Menacée d'extinction dans le Michigan (Wagner 1976).

Viola palmata L.
SOURCES: Kershaw 1976, Stewart & James 1969
REPARTITION: soOnt (Boivin 1967)
CARTE: Russell 1965 E-U
CONDITIONS: Rare au Canada. En voie de disparition dans le New Hampshire (Hodgdon 1973). Menacée d'extinction dans le Michigan (Wagner 1976).

Viola pedata L. var. *linearíloba* DC.
SOURCES: Catling 1974, Cruise 1969, IBP-CT 1974, Kershaw 1976
REPARTITION: soOnt (Boivin 1967)
CONDITIONS: Rare au Canada.
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976, Zander 1976).

Viola rotundifolia Michx.
SOURCES: Kershaw 1976 et cartes
REPARTITION: soOnt-soQ (Boivin 1967)
ONTARIO: Région de Niagara
CARTE: Bouchard & Maycock 1970, Russell 1954
CONDITIONS: Rare au Canada.

Viola sagittata Ait.
SOURCES: Beschel et al. 1970, Cruise 1969, Kershaw 1976 et carte
REPARTITION: Ont-Q (Boivin 1967)
CARTE: Russell 1965 E-U, Russell & Risser 1960
CONDITIONS: Rare au Canada.

Viola striata Ait.
SOURCES: Kershaw 1976, Stewart & James 1969
REPARTITION: sOnt (Boivin 1967)
CARTE: Russell 1965 E-U
CONDITIONS: Rare au Canada. Eliminée dans le Wisconsin (Read 1976).

Viola triloba Schwein.
SOURCES: Cruise 1969, OAC
REPARTITION: soOnt (Boivin 1967)
ONTARIO: Pointe Turkey
CARTE: Russell 1965 E-U
CONDITIONS: Rare au Canada.

Vitis aestivalis Michx.
SOURCES: Beschel et al. 1970, Cruise 1969, Kershaw 1976 et carte
REPARTITION: soOnt (Boivin 1967)
CARTE: Soper & Heimburger 1976 Ont
CONDITIONS: Rare au Canada.

Woodsia alpina (Bolton)S.F.Gray
SOURCES: Britton 1976, Brunton 1974–75, Catling 1975, Kershaw 1976, Kershaw & Morton 1976, Reznicek 1975–76 et cartes
REPARTITION: Aka–TNO, Alta–Ont–Lab (Boivin 1967)
CARTE: Given & Soper 1976 Ont, Hultén 1958, Hultén 1968, Porsild 1964, Soper & Maycock 1963 Ont
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976).

Woodsia glabella R.Br.
SOURCES: Britton 1976, Brunton 1974–75, Reznicek 1975–76, Soper & Maycock 1963 et cartes
REPARTITION: Aka–TNO, CB–ncOnt–Lab (Boivin 1967)
ONTARIO: Lac Supérieur
CARTE: Hultén 1964, Hultén 1968, Porsild 1964
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976).

Woodsia obtusa (Spreng.)Torr.
SOURCES: Britton 1976, Britton 1977, Brunton 1974–75, Gillett 1975–76
REPARTITION: seOnt–soQ (Boivin 1967)
ONTARIO: Cté de Frontenac et cté de Leeds
CONDITIONS: Rare au Canada. Menacée d'extinction dans le Michigan (Wagner 1976).
PROTECTION: Protégée par la loi dans l'Etat de New York (McGaugh & Genoways 1976).

Woodsia oregana D.C.Eat.
SOURCES: Britton 1976, Brunton 1974–75, FON 1969, Lafontaine & White 1974 et cartes
REPARTITION: CB–Sask, Ont–Q (Boivin 1967)
CARTE: Fernald 1925, Given & Soper 1976 Ont
CONDITIONS: En voie de disparition dans le Wisconsin (Read 1976).

Woodsia scopulina D.C.Eat.
SOURCES: Britton 1976, Brunton 1974–75, IBP–CT 1974, Kershaw 1976, Kershaw & Morton 1976, Reznicek 1972 et cartes
REPARTITION: Aka–TNO, CB–Alta, Ont
ONTARIO: Lac Supérieur et baie Georgienne
CARTE: Fernald 1925, Hultén 1968

Xyris caroliniana Walt.
(X. difformis Chapm.)
SOURCES: Catling et al. 1977, IBP–CT 1974, et carte
REPARTITION: Ont, NE (Boivin 1967)
CARTE: Kral 1966, Soper 1960 Ont
CONDITIONS: Rare dans l'Indiana (Barnes 1975).

Xyris difformis = *X. caroliniana*

Zannichellia palustris L.
SOURCES: Beschel et al. 1970 et cartes
REPARTITION: Aka, CB–Man, Ont–Q, NB–TN (Boivin 1967)
ONTARIO: Baie de James et eOnt
CARTE: Hultén 1964, Hultén 1968, Steyermark 1941
CONDITIONS: Rare dans l'Indiana (Barnes 1975). En voie de disparition dans le Wisconsin et le New Hampshire (Read 1976, Hodgdon 1973). Menacée d'extinction dans le Michigan (Wagner 1976). Rare dans le Minnesota (Morley 1972).

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Annexe I
Rapports vérifiés

Amelanchier canadensis (L.) Medic.
Antennaria brainerdii Fern.
Aristida intermedia Scribn.& Ball
Asclepias longifolia Michx.
Baptisia leucantha T.& G.
Botrychium boreale (E. Fries)Milde
Bidens laevis (L.)BSP.
Braya purpurascens (R.Br.)Bunge
Cardamine rotundifolia Michx.
Carex alata T.& G.
Carex howei Mack.
Carex hyalinolepis Steud.
Carex retroflexa Muhl.
Carya tomentosa Nutt.
Ceratophyllum echinatum Gray
Cynoglossum virginianum L.
Cyperus ovularis (Michx.)Torr.
Cypripedium calceolus L. var. planipetalum (Fern.)Vict.& Rousseau
Cuscuta compacta Juss.
Dichromena colorata (L.)Hitchc.
Epilobium alpinum L.
Lindernia anagallidea (Michx.)Pennell
Luzula pallescens (Wahl.)Bess.
Lycopus rubellus Moench
Lycopus virginicus L.
Panicum commutatum Shultes
Pellaea densa (Brack.)Hook.
Penstemon calycosus Small
Polygonum cristatum Engelm.& Gray
Quercus coccinea Muenchh.
Ranunculus micranthus Nutt.
Senecio pseudaureus Rydb.
Silene stellata (L.)Ait.f.
Silphium trifoliatum L.
Utricularia biflora Lam.
Viola latiuscula Greene

Annexe II
Plantes probablement ou sûrement allogènes

Alnus glutinosa (L.)Gaertner
Amorpha fruticosa L. var. angustifolia Pursh
Baptisia leucantha T.& G.
Dactylorhiza maculata (L.)Soó
Delphinium brownii Rydb.
Eragrostis spectabilis (Pursh)Steud.
Helianthus hirsutus Raf.
Leptoloma cognatum (Schultes)Chase
Mirabilis nyctaginea (Michx.)MacM.
Oenothera laciniata Hill
Potentilla reptans L.
Pycnanthemum verticillatum (Michx.)Pers.
Rudbeckia triloba L.
Salvia pratensis L.
Sedum hispanicum L.
Sedum telephioides Michx.
Sedum ternatum Michx.
Silphium laciniatum L.
Solanum caroliniense L.
Spartina patens (Ait.)Muhl.
Stipa avenacea L.

Annexe III
Liste des plantes vasculaires rares de l'Ontario dans l'ordre taxonomique

ISOETACEAE

Isoetes lacustris var. macrospora
I. macrospora

OPHIOGLOSSACEAE

B. lanceolatum var. angustisegmentum

POLYPODIACEAE

Asplenium cryptolepis
A. platyneuron
A. ruta-muraria ssp. cryptolepis
A. viride
Athyrium pycnocarpon
Cryptogramma crispa var. acrostichoides
Cystopteris fragilis var. laurentiana
C. montana
Dryopteris filix-mas
D. goldiana
Dryopteris hexagonoptera
Dryopteris robertiana
Gymnocarpium robertianum
Pellaea atropurpurea
Phegopteris hexagonoptera
Phyllitis scolopendrium var. americana
Polystichum braunii var. purshii
P. lonchitis
Thelypteris hexagonoptera
Woodsia alpina
W. glabella
W. obtusa
W. oregana
W. scopulina

SALVINIACEAE

Azolla caroliniana

PINACEAE

Pinus rigida

SPARGANIACEAE

Sparganium androcladum
S. multipedunculatum

POTAMOGETONACEAE

Potamogeton bicupulatus
P. capillaceus
P. confervoides
P. hillii
P. oakesianus
P. perfoliatus var. perfoliatus
P. pulcher
P. vaseyi
Zannichellia palustris

NAJADACEAE

Najas gracillima
N. guadalupensis

ALISMATACEAE

Sagittaria engelmanniana var. brevirostra
S. graminea var. cristata

HYDROCHARITACEAE

Elodea nuttallii

GRAMINEAE

Agropyron boreale ssp. boreale
A. dasystachyum var. *psammophilum*
A. latiglume
A. psammophilum
Alopecurus alpinus
Arctagrostis latifolia
Arctophila fulva
Aristida basiramea
A. dichotoma
A. longespica
A. necopina
A. purpurascens
Bouteloua curtipendula
Bromus pubescens
B. pumpellianus
B. purgans
Calamagrostis lacustris
C. purpurascens
Calamovilfa longifolia var. longifolia
C. longifolia var. magna
Catabrosa aquatica
Cenchrus longispinus
C. pauciflorus
Cinna arundinacea
Colpodium fulvum
Danthonia compressa
Danthonia sericea
Deschampsia cespitosa var. maritima
Dupontia fisheri
Echinochloa walteri
Elymus diversiglumis
E. glaucus
E. interruptus
E. mollis
E. riparius
E. villosus
Eragrostis hypnoides
Festuca baffinensis
F. brachyphylla
F. occidentalis
F. rubra var. altaica
F. rubra var. arenaria
F. rubra var. juncea
F. rubra var. rubra
F. scabrella
Glyceria melicaria
Hierochloe pauciflora
Koeleria cristata
K. gracilis
K. macrantha
K. pyramidata
Melica smithii
Muhlenbergia racemosa
M. schreberi
M. sylvatica
M. tenuiflora
Panicum agrostoides
P. bicknellii
P. calliphyllum
P. clandestinum
P. columbianum var. commonsianum
P. commonsianum
P. depauperatum
P. depauperatum var. *perlongum*
P. dichotomum
P. gattingeri
P. lanuginosum var. praecocius
P. latifolium var. *clandestinum*
P. leibergii var. leibergii
P. leibergii var. baldwinii
P. oligosanthes
P. perlongum
P. philadelphicum
P. praecocius
P. rigidulum
P. sphaerocarpon
P. spretum
P. subvillosum
Paspalum ciliatifolium
Phleum alpinum
P. commutatum
Poa alpigena
P. arctica
P. canbyi
P. interior
P. nemoralis var. *interior*
P. pratensis var. *alpigena*
Puccinellia lucida
P. nuttalliana
Sphenopholis nitida
S. obtusata
Sporobolus asper
S. heterolepis
S. vaginiflorus var. ozarkanus
S. vaginiflorus var. vaginiflorus
Triplasis purpurea
Trisetum spicatum ssp. *molle*
Trisetum spicatum var. *pilosiqlume*
T. spicatum var. spicatum
T. triflorum ssp. molle

CYPERACEAE

Bulbostylis capillaris
Carex amblyorhyncha
C. amphibola var. *turgida*
C. atrata
C. atrofusca
C. careyana
C. conoidea
C. davisii
C. folliculata

C. formosa
C. frankii
C. gravida
C. grisea
C. haydenii
C. heleonastes
C. hirsutella
C. hookerana
C. jamesii
C. *katahdinensis*
C. laevivaginata
C. laxiculmis
C. laxiflora var. gracillima
C. leavenworthii
C. lupuliformis
C. miliaris
C. muskingumensis
C. nigra
C. novae-angliae
C. oligocarpa
C. prasina
C. richardsonii
C. rossii
C. *saxatilis* var. *miliaris*
C. schweinitzii
C. shortiana
C. squarrosa
C. supina ssp. spaniocarpa
C. swanii
C. tetanica var. woodii
C. torta
C. trichocarpa
C. *typhina*
C. virescens
C. willdenowii
C. *woodii*
Cyperus engelmannii
C. erythrorhizos
C. ferruginescens
C. houghtonii
Eleocharis equisetoides
E. geniculata
E. intermedia
E. olivacea
E. parvula
E. quadrangulata var. crassior
E. rostellata
Fimbrystilis autumnalis
F. drummondii
F. spadicea
Hemicarpha micrantha
Kobresia simplisiuscula
Rhynchospora capitellata
Scirpus clintonii
S. heterochaetus
S. maritimus var. paludosus
S. micranthus
S. paludosus
S. smithii
S. torreyi
S. verecundus
Scleria triglomerata
S. verticillata

ARACEAE

Arisaema dracontium
Peltandra virginica

XYRIDACEAE

Xyris caroliniana
X. difformis

COMMELINACEAE

Tradescantia ohioensis

JUNCACEAE

Juncus acuminatus
J. biflorus
J. brachycarpus
J. ensifolius
J. greenei var. *vaseyi*
J. longistylis
J. marginatus
J. militaris
J. secundus
J. subtilis
J. vaseyi

LILIACEAE

Aletris farinosa
Allium cernuum
A. stellatum
Camassia scilloides
Chamaelirium luteum
Disporum lanuginosum
D. trachycarpum
Erythronium albidum
Polygonatum biflorum
P. canaliculatum
Smilax ecirrhata
S. illinoensis
S. lasioneura
S. rotundifolia
Tofieldia pusilla
Uvularia perfoliata

DIOSCOREACEAE

Dioscorea villosa

AMARYLLIDACEAE

Hypoxis hirsuta

IRIDACEAE

Iris brevicaulis
I. lacustris
Sisyrinchium albidum

ORCHIDACEAE

Aplectrum hyemale
Corallorhiza odontorhiza
Cypripedium arietinum
C. candidum
C. passerinum
Goodyera oblongifolia
Habenaria blephariglottis
H. ciliaris
H. flava var. *herbiola*
H. leucophaea
H. unalascensis
Isotria verticillata
Listera australis
L. borealis
Malaxis paludosa
Piperia unalascensis
Platanthera blephariglottis
Platanthera ciliaris
Platanthera flava var. herbiola
Platanthera leucophaea
Spiranthes lacera var. gracilis
S. lucida
S. magnicamporum
S. ochroleuca
Triphora trianthophora

SALICACEAE

Salix arctica
S. arctophila
S. brachycarpa var. brachycarpa
S. calcicola
S. lanata ssp. calcicola
S. maccalliana
S. reticulata
S. sericea
S. vestita

MYRICACEAE

Myrica pensylvanica

JUGLANDACEAE

Carya glabra
C. laciniosa
Juglans nigra

BETULACEAE

Betula lenta

FAGACEAE

Castanea dentata
Quercus bicolor
Q. ellipsoidalis
Q. muehlenbergii
Q. palustris
Q. prinoides
Q. prinus

ULMACEAE

Celtis tenuifolia

MORACEAE

Morus rubra

POLYGONACEAE

Koenigia islandica
Polygonella articulata
Polygonum careyi
P. ramosissimum
P. tenue

CHENOPODIACEAE

Chenopodium foggii
Corispermum hyssopifolium
Salicornia europaea

PORTULACACEAE

Montia fontana

CARYOPHYLLACEAE

Arenaria humifusa
A. macrophylla
A. rubella
Cerastium alpinum
C. beeringianum
Melandrium apetalum ssp. arcticum
Minuartia rubella
Paronychia canadensis
Sagina procumbens
Silene virginica

NYMPHAEACEAE

Nelumbo lutea
Nuphar advena
N. luteum ssp. macrophyllum

RANUNCULACEAE

Anemonella thalictroides
Caltha natans
Cimicifuga racemosa
Hydrastis canadensis
Isopyrum biternatum
Myosorus minimus
Ranunculus fascicularis
R. hispidus var. marilandicus
R. pallasii
R. pedatifidus
R. rhomboideus
Thalictrum revolutum
T. sparsiflorum
T. thalictroides

BERBERIDACEAE

Jeffersonia diphylla

MAGNOLIACEAE

Liriodendron tulipifera
Magnolia acuminata

ANNONACEAE

Asimina triloba

PAPAVERACEAE

Stylophorum diphyllum

FUMARIACEAE

Corydalis flavula

CAPPARIDACEAE

Polanisia graveolens
P. dodecandra

CRUCIFERAE

Arabis alpina
A. arenicola var. pubescens
A. canadensis
A. drummondii
A. holboellii
A. lyrata var. lyrata
A. perstellata var. shortii
Cardamine douglasii
Draba alpina
D. aurea
D. cana
D. cinerea
D. glabella
D. hirta
D. incana
D. lanceolata
D. nivalis
D. reptans
Subularia aquatica ssp. americana

DROSERACEAE

Drosera linearis

PODOSTEMACEAE

Podostemum ceratophyllum

SAXIFRAGACEAE

Heuchera americana
Parnassia kotzebuei
Saxifraga aizoides
S. caespitosa
S. cernua
S. pensylvanica

ROSACEAE

Agrimonia parviflora
A. pubescens
Amelanchier amabilis
A. sanguinea var. grandiflora
Crataegus douglasii
Dryas drummondii
D. integrifolia
Geum laciniatum
G. triflorum
G. vernum
G. virginianum
Gillenia trifoliata
Potentilla gracilis
P. hippiana
P. paradoxa
P. pensylvanica
P. pulchella
P. rivalis
Prunus americana
Rosa setigera

LEGUMINOSAE

Amorpha canescens
Astragalus adsurgens var. robustior
A. agrestis
A. americanus
A. eucosmus
A. neglectus
Baptisia tinctoria
Cassia hebecarpa
C. marilandica
Cercis canadensis
Desmodium canescens
D. ciliare
D. cuspidatum
D. illinoensis
D. marilandicum
D. rotundifolium
D. sessilifolium
Gleditsia triancanthos
Glycyrrhiza lepidota
Gymnocladus dioica
Hedysarum mackenzii
Lespedeza intermedia
L. violacea
L. virginica
Lupinus perennis
Oxytropis campestris var. johannensis
O. deflexa var. foliolosa
O. foliolosa
O. hudsonica
O. ixodes
O. johannensis
O. splendens
O. viscida var. hudsonica
O. viscida var. viscida
Petalostemum candidum
P. purpureum
Strophostyles helvola
Tephrosia virginiana
Vicia caroliniana

LINACEAE

Linum lepagei
L. lewisii ssp. lepagei
L. medium var. texanum
L. perenne ssp. *lepagei*
L. striatum
L. sulcatum
L. virginianum

RUTACEAE

Ptelea trifoliata

POLYGALACEAE

Polygala incarnata

EUPHORBIACEAE

Euphorbia commutata
E. corollata
E. obtusata
E. polygonifolia

LIMNANTHACEAE

Floerkea proserpinacoides

ANACARDIACEAE

Rhus copallina

CELASTRACEAE

Euonymus atropurpureus

VITACEAE

Vitis aestivalis

TILIACEAE

Tilia heterophylla

MALVACEAE

Hibiscus moscheutos var. *purpurascens*
H. palustris

HYPERICACEAE

Hypericum gentianoides
H. prolificum
H. spathulatum

ELATINACEAE

Elatine minima

CISTACEAE

Helianthemum bicknellii
Lechea leggettii var. moniliformis
L. minor
L. stricta

VIOLACEAE

Hybanthus concolor
Viola epipsila ssp. repens
V. novae-angliae
V. palmata
V. pedata var. lineariloba
V. rotundifolia
V. sagittata
V. striata
V. triloba

CACTACEAE

Opuntia compressa
O. fragilis
O. humifusa

LYTHRACEAE

Ammania coccinea
Lythrum alatum

NYSSACEAE

Nyssa sylvatica

MELASTOMATACEAE

Rhexia virginica

ONAGRACEAE

Epilobium leptocarpum var. macounii
E. paniculatum var. subulatum
Gaura biennis
Ludwigia polycarpa
Oenothera nuttallii
O. pilosella

HALORAGIDACEAE

Myriophyllum farwellii
M. humile

ARALIACEAE

Echinopanax horridum
Oplopanax horridus
Panax quinquefolius

UMBELLIFERAE

Berula erecta var. incisa
Chaerophyllum procumbens
Erigenia bulbosa
Osmorhiza chilensis
O. obtusa
Oxypolis rigidior
Sanicula canadensis
Thaspium barbinode

CORNACEAE

Cornus drummondii
C. florida

ERICACEAE

Andromeda polifolia ssp. polifolia
Arctostaphylos alpina
A. rubra
Chimaphila maculata
Ledum palustre var. decumbens
Pterospora andromedea
Pyrola grandiflora
Rhododendron lapponicum
Vaccinium ovalifolium
V. pallidum
V. stamineum
V. vacillans

PRIMULACEAE

Armeria maritima ssp. labradorica
Glaux maritima var. obtusifolia
Primula intercedens

OLEACEAE

Fraxinus quadrangulata

GENTIANACEAE

Bartonia paniculata ssp. paniculata
B. virginica
Frasera caroliniensis
Gentiana alba
G. detonsa var. nesophila
G. detonsa var. raupii
G. flavida
G. nesophila
G. puberula
G. puberulenta
G. quinquefolia
G. raupii
Gentianella detonsa ssp. *nesophila*
Gentianella detonsa ssp. *raupii*
Gentianella quinquefolia
Sabatia angularis
Swertia caroliniensis

ASCLEPIADACEAE

Asclepias exaltata
A. hirtella
A. lanuginosa
A. nuttalliana
A. ovalifolia
A. purpurascens
A. quadrifolia
A. sullivantii
A. verticillata
A. viridiflora

CONVOLVULACEAE

Ipomoea pandurata

POLEMONIACEAE

Collomia linearis
Phlox pilosa
P. subulata

HYDROPHYLLACEAE

Hydrophyllum appendiculatum
H. canadense
Phacelia franklinii

BORAGINACEAE

Lithospermum incisum
L. latifolium
Mertensia maritima
M. virginica
Myosotis macrosperma
M. verna
Onosmodium molle var. hispidissimum

VERBENACEAE

Lippia lanceolata var. *recognita*
Phyla lanceolata var. recognita
Verbena bracteata

LABIATAE

Agastache nepetoides
A. scrophulariaefolia
Blephilia ciliata
B. hirsuta
Collinsonia canadensis
Monarda didyma
Pycnanthemum incanum
P. pilosum
P. tenuifolium
Satureja arkansana
S. glabella var. angustifolia
Scutellaria nervosa var. calvifolia
Trichostema dichotomum

SCROPHULARIACEAE

Agalinis flava
A. gattingeri
A. skinneriana
A. tenuifolia var. parviflora
Aureolaria flava
A. pedicularia
A. virginica
Bartsia alpina
Buchnera americana
Castilleja raupii
Collinsia parviflora
C. verna
Conobea multifida
Euphrasia frigida
E. vinacea
Gerardia gattingeri
G. skinneriana
G. tenuifolia var. *parviflora*
Limosella aquatica
Mimulus alatus
M. glabratus
M. moschatus
Pedicularis flammea
P. lanceolata
P. lapponica
P. sudetica ssp. interioides
Penstemon gracilis
Rhinanthus borealis
Veronicastrum virginicum

BIGNONIACEAE

Campsis radicans

OROBANCHACEAE

Conopholis americana
Orobanche fasciculata

LENTIBULARIACEAE

Utricularia geminiscapa

ACANTHACEAE

Justicia americana

PLANTAGINACEAE

Littorella americana
Plantago cordata
P. maritima

RUBIACEAE

Galium kamtschaticum
G. pilosum
Houstonia caerulea

CAPRIFOLIACEAE

Triosteum angustifolium
Viburnum dentatum var. lucidum
V. recognitum

ADOXACEAE

Adoxa moschatellina

VALERIANACEAE

Valeriana ciliata
V. edulis var. ciliata
V. uliginosa
Valerianella chenopodifolia
V. intermedia
V. umbilicata

CAMPANULACEAE

Campanula americana

LOBELIACEAE

Specularia perfoliata

COMPOSITAE

Actinomeris alternifolia
Adenocaulon bicolor
Actinea acaulis var. glabra
A. herbacea
Antennaria farwellii
A. rupicola
A. subviscosa
Arnica alpina ssp. angustifolia
A. chionopappa
A. lonchophylla ssp. chionopappa
A. lonchophylla ssp. lonchophylla
A. whitneyi
Artemisia tilesii ssp. elatior
Aster acuminatus
A. divaricatus
A. dumosus
A. lowrieanus
A. lutescens
A. ontarionis
A. pilosus var. demotus
A. prenanthoides
A. ptarmicoides var. *lutescens*
A. sericeus
A. shortii
A. subulatus
A. tradescantii var. *thyrsoides*
A. undulatus
A. vimineus
Bidens coronata
B. discoidea
Cacalia tuberosa
Chrysanthemum arcticum
C. bipinnatum ssp. *huronense*
Cirsium drummondii
C. pitcheri
C. pumilum ssp. hillii
Coreopsis lanceolata
C. tripteris
Eupatorium altissimum
E. coelestinum
E. purpureum
Gnaphalium purpureum var. purpureum
Hieracium gronovii
H. longipilum
H. paniculatum
H. venosum var. nudicaule
Hymenoxys acaulis var. glabra
Krigia biflora
K. virginica
Lactuca floridana
Liatris aspera var. intermedia
L. spicata
Mikania scandens
Polymnia canadensis
Ratibida columnifera
R. pinnata
Senecio glabellus
S. obovatus
Silphium perfoliatum
S. terebinthinaceum
Solidago arguta
S. houghtonii
S. jejunifolia
S. missouriensis
S. ohioensis
S. patula
S. puberula
S. riddellii
S. rigida var. rigida
S. sciaphila
S. speciosa var. angustata
S. uliginosa var. *jejunifolia*
S. ulmifolia
Tanacetum huronense
Vernonia altissima
V. missurica

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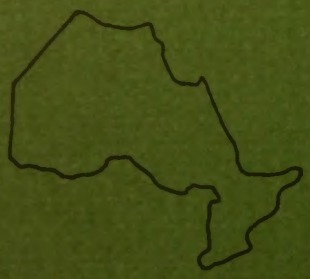

LES PLANTES VASCULAIRES RARES DE L'ONTARIO

George W. Argus et David J. White

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