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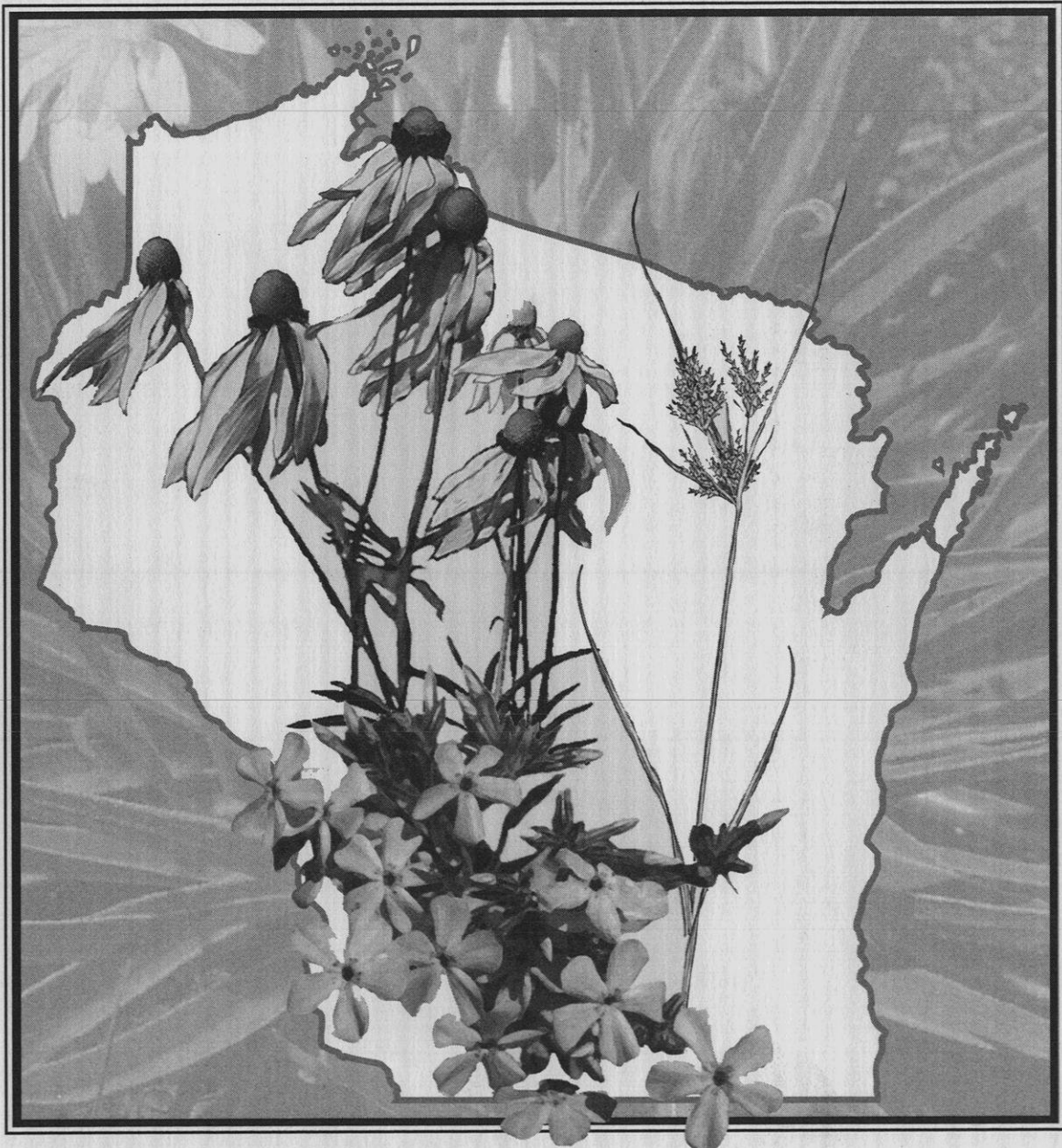
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CHECKLIST *of the* VASCULAR PLANTS *of* WISCONSIN

MARK ALLEN WETTER, THEODORE S. COCHRANE, MEREL R. BLACK, HUGH. H. ILTIS, AND PAUL E. BERRY



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ABSTRACT

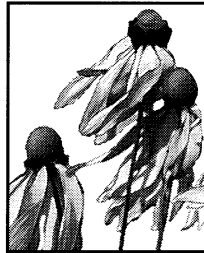
This report provides an annotated checklist of the known native and introduced vascular plants of Wisconsin, including synonyms, common names, and excluded taxa. The checklist includes 2640 species (3243 total taxa) in 779 genera and 158 families. Taxa of particular conservation concern are identified with special symbols, and status categories are given to indicate non-native and ecologically invasive taxa.

Key Words:

Wisconsin, vascular plants, flora, rare species, invasive species.



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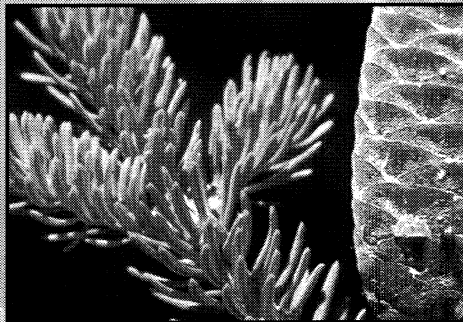
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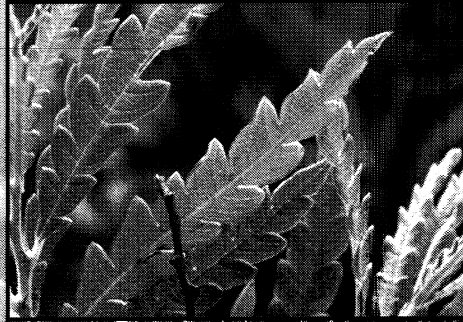
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REQUEST FOR REVISIONS



KITTY KOHOUT



KITTY KOHOUT



ROBERT H READ



DENNIS W. WOODLAND

INTRODUCTION

This *Checklist of the Vascular Plants of Wisconsin* was produced to fulfill the acute need by state biologists, wildlife managers, educators, and others for a current, comprehensive, and authoritative listing of vascular plant diversity for the entire state. There are many individuals and organizations statewide and nationwide who require an accurate inventory of the Wisconsin flora for documenting overall biodiversity, rare and endangered species, and other systematic and ecological projects on the plants of Wisconsin. Therefore, the staff at the Wisconsin State Herbarium (WIS), University of Wisconsin-Madison produced this checklist in the hope that it will be useful to the many people wanting information about our flora. It may assist local amateurs in the identification of plants growing in their areas; furnish information which professional botanists can use in phytogeographical studies; document the decline of native plants as well as the spread of adventive and weedy ones; and stimulate interest in the conservation of our native flora.

Although there have been local floras (recent examples include Eddy, 1996; Hartley, 1960; Judziewicz & Koch, 1993; Lange, 1998; Musselman et al., 1971; Peck & Taylor, 1980; Rill, 1983; Seymour, 1960; and others in manuscript) and treatments of certain plant groups, there has not been a comprehensive checklist for Wisconsin since the one published over a century ago by Swezey (1883). Many families and genera have been treated in the ongoing "Preliminary Reports on the Flora of Wisconsin" series, published between 1929 and 1988 in the *Transactions of Wisconsin Academy of Sciences, Arts and Letters*. Several book-length treatments of various Wisconsin families or groups have been published as well (Fassett, 1939, 1951; Fuller, 1933; Tryon et al., 1940, 1953). For a comprehensive list of these treatments, see Cochrane and Iltis (2000) or Iltis et al. (1994).

This checklist provides an authoritative listing of all known native and introduced vascular plants that occur - or once occurred - and reproduce in Wisconsin outside of cultivation. It is based exclusively on herbarium specimens in established collections, a

standard that allows individual species records to be verified at any time. Because herbarium specimens from Wisconsin date back to 1811 (Thomas Nuttall's collections along the Wisconsin and Mississippi rivers as part of the Astoria Expedition), the checklist includes species that are less common than they once were. Many native species continue to decline, and at least four species are now believed to be extinct in the wild in Wisconsin. Conversely, new non-native species are continually appearing and becoming established in Wisconsin as either naturalized, adventive, or escaped members of the flora; although some may not persist or may remain innocuous, to anticipate any population explosions of these often potentially harmful weeds, it is important to accurately track their presence and spread in the state (Hoffman & Kearns, 1997).

Because the checklist is a synthesis of the current taxonomic status of the included species, there are likely to be some changes from previous reports. Therefore, we list pertinent synonyms under their accepted names and provide a section of "Excluded Taxa" to call attention to records and reports that are doubtful, incorrect, or unvouchered by herbarium collections. Common names are provided, and special symbols are used for taxa of particular conservation and ecological interest to enhance the usefulness of the checklist.

The completion of this checklist represents an important step toward an eventual flora of Wisconsin. The next step toward this goal is to make available detailed distribution maps for all spontaneous vascular plant taxa. By the end of June 2002, in conjunction with the electronic version of this checklist, we will be posting on the Herbarium's web site distribution maps for all of the 2,366 native and 877 introduced Wisconsin taxa. With Wisconsin distribution maps thus becoming available, and with other floristic treatments already published, such as *Michigan Flora* (Voss, 1972, 1985, 1996), *Plants of the Chicago Region* (Swink & Wilhelm, 1994), and *Vascular Plants of Minnesota: A Checklist and Atlas* (Ownbey & Morley, 1991), the Upper Midwest is becoming one of the floristically better-known areas of North America.



KENNETH J SYTSMA

CONSTRUCTION OF THE CHECKLIST

The checklist is based on a computerized relational taxonomic database started in 1995 that is maintained at the University of Wisconsin-Madison Herbarium, which, founded in 1849, recently celebrated its sesqui-centennial (Iltis & Cochrane, 1999). The database was developed as part of the Herbarium's database system, WISCOMP, which is designed to combine the taxonomic and various specimen-based databases (loan/exchange, type, and specimen label information) into one integrated system.

A primary goal of the WISCOMP project is to enter the collection label information for all of the slightly over one million specimens in the UW-Madison Herbarium into the database system. To make the project more manageable, we decided to begin with the Wisconsin vascular plant specimens (ca. 270,000) in our holdings. Currently the specimen database contains over 125,000 records, including all specimen records from 71 families. Because the goal of the database project is to make the information contained in the herbarium available electronically to the world's scientific community, we have from its inception designed the WISCOMP system to conform to national (Hathway & Hoagland, 1993) and international (e.g., Bisby, 1995) database standards, as proposed by the Taxonomic Database Working Group (<http://www.tdwg.org/standrds.html>).

The WISCOMP database system is based on two "authoritative" taxonomic tables, i.e., Taxon (accepted name) and Synonym. This allows integration of both our label-making program (for new collections being added) and our data entry program (for already accessioned specimens that might be identified by a synonym). Merel Black has been responsible for the development and maintenance of WISCOMP since its inception, while Mark Wetter has been primarily responsible for compiling the authoritative tables, including the accuracy and completeness of the nomenclature. Our entire Wisconsin collection was searched folder by folder to compile not only a list of all the accepted and excluded species, but also of all synonyms that have previously been used.

The accepted names in the Taxon table of WISCOMP are based on specimens mainly in the University of Wisconsin-Madison Herbarium, as well as in other herbaria throughout Wisconsin and a few in other states having significant numbers of Wisconsin plants. The taxonomic determination of these specimens has been checked over the years, mainly by Norman Fassett, Theodore Cochrane, and Hugh Iltis, and often by specialists in particular plant groups. All of the "Preliminary Reports" and other treatments (Iltis et al., 1994 [<http://www.wisc.edu/botany/herbarium/Report.html>]) were also searched for additional species records and synonyms.

Soon after starting the WISCOMP authority tables in 1995, a preliminary taxonomic database file containing 2704 taxon names was provided by Richard A. Henderson of the Wisconsin Department of Natural Resources (DNR). Additional taxonomic reports for Wisconsin were originally downloaded in 1995, and again in 1999, from the PLANTS National Database web site of the Natural Resources Conservation Service, U.S. Department of Agriculture (<http://plants.usda.gov/plants/>). All reports, including synonyms, for species attributed to Wisconsin were then compared with our existing database authority files, and, when appropriate, were incorporated into the taxonomic tables.

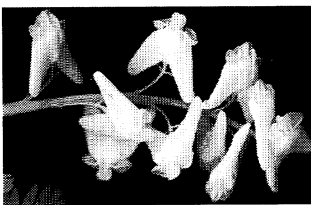
Information from various regional floras (Fernald, 1950; Gleason & Cronquist, 1991; Swink & Wilhelm, 1994; Voss, 1972, 1985, 1996) and the first three taxonomic volumes of *Flora of North America* (1993, 1997, 2000) regarding species distributions in Wisconsin has also been incorporated. Entries in the WISCOMP database are cross-referenced to their original source(s).

As more people in state and federal agencies, universities, and elsewhere became aware of our database efforts, there was an increasing demand for an authoritative list of Wisconsin species, which, however, we were reluctant to distribute while the database was "under construction". In the fall of 1997 we decided to concentrate on producing this checklist by mid-1998. In

June 1998 over a hundred copies of the draft checklist were printed and distributed to interested parties for review and comment. Appropriate suggestions for improvements and changes received from reviewers have been incorporated into this version.

This checklist was produced using the data from the Taxon and Synonym tables of the WISCOMP database system. Since a primary goal of the WISCOMP project was to be able to database all the specimen holdings in Herbarium WIS, all taxa, regardless of origin, collected from any locality in Wisconsin are included in the Taxon table. However, we eliminated those known only from cultivation or species for which voucher specimens could not be located. Status categories for the included taxa were developed by Theodore Cochran, who was responsible for determining the native or introduced status for each taxon, as well as judging which questionable taxon entries in the Taxon table should be excluded from the checklist. To make the checklist more useful for teachers, students, and non-biologists, we have also added common names when these could be found. By incorporating these additional data into the WISCOMP authority tables, we hope to have satisfied the sometimes conflicting needs of the various parties who have expressed an interest in this checklist.

Currently the WISCOMP Taxon and Synonym authority tables for Wisconsin vascular plants contain over 11,000 entries. However, not all of these entries appear in this checklist. "Typical" infraspecific taxa (e.g., *Asplenium platyneuron* (L.) Britton, Sterns & Poggenb. var. *platyneuron*, *Carex stricta* Lam. var. *stricta*) are included in the database as "housekeeping" entries, but such tautonyms are not repeated in the synonyms listed under an accepted taxon in the checklist.



MICHAEL CLAYTON

Taxonomic Decisions

The checklist synthesizes many differing opinions and viewpoints on what taxa are really present in Wisconsin, what their taxonomic status should be, and whether their names are nomenclaturally correct. Within a framework of validly published scientific names, the acceptance or non-acceptance of any given taxon, the rank at which it should be recognized, and its generic placement are ultimately the decisions of the authors. As with any project of this kind, we have made use of published revisions, monographs, floristic studies, reference works, and other such publications to help us formulate our treatment of taxa. To facilitate communication among users of the checklist, we have for the most part followed the second edition of Gleason and Cronquist's *Manual of Vascular Plants* (1991), except for those taxa (ferns, fern allies, gymnosperms, Alismatidae, Arecidae, Commelinidae (in part), Hamamelidae, Magnoliidae, and Zingiberidae) which have been treated in the three published taxonomic volumes of *Flora of North America* (1993, 1997, 2000). However, some groups can justifiably be treated in different ways, and in certain cases treatments in this checklist are based on recently published taxonomic studies, e.g., *Antennaria* (Bayer, 1989; Bayer & Stebbins, 1982), *Houstonia* (Terrell, 1996), and *Onosmodium* (Turner, 1995), rather than on standard manuals. The nomenclature for three particularly difficult genera is based on annotations by specialists and their publications, namely *Crataegus* (Phipps & Muniyamma, 1980; Phipps et al., 1990), *Rubus* (Widrechner, 1998), and *Viola* (Ballard, 1994).

STRUCTURE OF THE CHECKLIST

The checklist is divided into five sections: **Ferns and Fern Allies** (Pteridophytes), **Gymnosperms**, **Angiosperms - Dicotyledons**, **Angiosperms - Monocotyledons**, and **Excluded Taxa**. The familial placement of

genera for the ferns, fern allies, and gymnosperms follows that given in Volume 2 of *Flora of North America* (1993). The families for the flowering plants follow the treatment of Cronquist (1981) with two exceptions: the

Example of a typical entry in the checklist:

| APIACEAE—Carrot Family | Family—Common name |
|---|--|
| <i>Thaspium</i> Nutt. | Genus Authority |
| <i>trifoliatum</i> (L.) A.Gray | <i>specific epithet</i> (Basionym Authority) Authority |
| var. <i>flavum</i> S.F.Blake | infraspecific rank <i>taxon</i> Authority |
| Purple meadow-parsnip | Common name(s) |
| ★ SPECIAL CONCERN | DNR or non-native status if applicable |
| <i>Thaspium trifoliatum</i> (L.) A.Gray var. <i>aureum</i> (L.) Britton | synonym(s) |

Hypericaceae and Lobeliaceae are accepted as families. In recent years there have been many studies demonstrating that several of the traditionally recognized families (especially Liliaceae, *sensu lato*) are polyphyletic and advocating that these large families should be broken up into smaller monophyletic families to better reflect their evolutionary history (Stevenson & Loconte, 1995). However, because this checklist is designed for use by a variety of agencies, investigators, and other interested researchers throughout the state and nation, most of whom are not systematists, for convenience and ease of communication we have followed the more traditional circumscription of these families.

Within each section the entries are listed alphabetically by family, then alphabetically by genus, species, and infraspecific taxa (if any) within each family (*see above*). Accepted names of families, genera, species, subspecies (*subsp.*), varieties (*var.*), forms (*f.*), and cultivars (*cv.*) admitted to the Wisconsin flora are given in **boldface**. Numerous minor morphological variants, such as albino forms, are not listed except in a few cases. Unnamed hybrids are indicated by the “X” sign between the names of their putative parental taxa; such hybrid formulas are in alphabetical order by the first parent. Hybrids with a published binomial are indicated with an “X” in front of the specific epithet and are listed at the end of their genus. Parental species for named hybrid taxa are given as = Parental taxon 1 X P. taxon 2 under each such hybrid. If no status or a DNR Bureau of Endangered Resources status is given for a taxon, it is presumed to be native. Common names (if any) are listed alphabetically after the Latin name and its author(s). The DNR and non-native status categories are explained below. Synonymous names are listed alphabetically.

Nomenclature

We have depended on several sources (some available electronically) to check the validity and accuracy of both accepted and synonymous names and their publishing authorities. These sources include: Kartesz's *A Synonymized Checklist of the Vascular Flora of the United States, Canada, and Greenland* (1994); Gray Card Index Database (<http://www.herbaria.harvard.edu/Data/Gray/gray.html>); The International Plant Names Index (<http://www.ipni.org>); Database of the Flora Europaea (<http://www.rbge.org.uk/forms/fe.html#form>), especially for European taxa now present in our flora; Index Kewensis on compact disc (Version 2.0, 1997); and Index Nominum Genericorum (ING) (<http://www.nmnh.si.edu/ing>). Citations of botanical authors are standardized and abbreviated as per Brummitt and Powell (1992), with one exception. British naturalist Samuel Frederick Gray, abbreviated simply as Gray in Brummitt and Powell, is abbreviated in this checklist as S.F.Gray to distinguish him from the American botanist Asa Gray (A.Gray). **No nomenclatural innovations are made in this checklist.**

Common Names

As with the synonyms, the common names were obtained from a variety of sources. Common names appearing in the “Preliminary Reports on the Flora of Wisconsin” and other Wisconsin floristic treatments (Iltis et al., 1994) have been incorporated into the checklist. Additional common names have been taken from Brako et al. (1995), Fernald (1950), Gleason and Cronquist (1991), Swink and Wilhelm (1994), USDA PLANTS database, and Voss (1972, 1985, 1996). We

have also tried to incorporate the common names that are in current use by state agencies. In cases for which there are orthographic variants (i.e., short awned foxtail, shortawn foxtail, and short-awn foxtail), we either chose one of the existing common names or adopted a new name (short-awned foxtail). Manufactured common names as well as true common or vernacular names are presented in diverse ways in the botanical literature, especially in terms of their punctuation (including hyphenation) and combining forms (one combined word or two or more separate words). In most cases we have followed Brako et al. (1995) as a guide (especially for hyphenation) to resolve such issues. No effort has been made to present all possible common names; instead, we tried to select those that have a history of use in Wisconsin but have added names wherever needed so that practically all binomials may have an English-language equivalent. The common names are listed alphabetically, no attempt having been made to rank them by preference according to usage, distinctiveness, or frequency of appearance in publications covering the Wisconsin flora.

Status

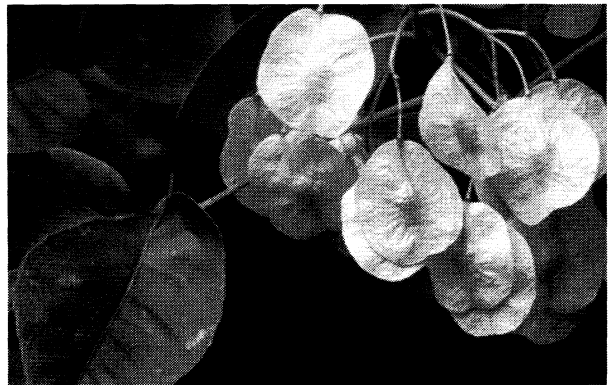
The WISCOMP Taxon table attempts to include all vascular plant species that have ever been collected or in the case of *Sassafras albidum* (Nutt.) Nees, reliably recorded as occurring in Wisconsin. To facilitate ecological and floristic studies, native species are distinguished from those which have been introduced, either accidentally (often European or Eurasian weeds that were brought over with agricultural seeds) or deliberately (e.g., *Coronilla varia* L. - crown-vetch, planted to control soil erosion). Taxa in the checklist are presumed to be native unless otherwise indicated by one of the six non-native status categories explained below under "Non-native taxa".

In recent years there has been a growing effort to restore agricultural lands and disturbed native plant communities to their presettlement natural state. Unfortunately, due to a lack of information about seed sources, ecogeographic variability within species, and which taxa are native, state and federal agencies, private organizations, and individuals doing restoration work have sometimes introduced non-native species or populations with extraneous genomes which have never occurred naturally in Wisconsin

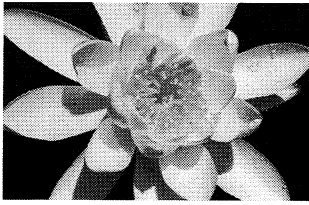
communities. With an authoritative list of native species now available, efforts must be made to ensure that restoration projects use only native species with local genomes.

Synonyms

During any species' long taxonomic history, it was often moved from one genus to another, or was described more than once. It thus acquired a list of names which, though once appropriate, have now been placed into synonymy under the one name valid in a particular rank. A goal of the WISCOMP database is to have a comprehensive list of such synonyms associated with each accepted taxon to facilitate cross-referencing with names and/or author citations that appear in other literature sources, and to make data entry from specimens annotated with these older names easier. A full list of synonyms, for those interested, will be available via the online version of the checklist. For this version we have included as synonyms those taxa not accepted by us as "good" but accepted in one or more of the following sources: Fassett (1939, 1951, 1976), Gleason and Cronquist (1991), Kartesz (1994), Kruschke (1955, 1965), Lange (1998), Ownbey and Morley (1991), Swink and Wilhelm (1994), USDA PLANTS (<http://plants.usda.gov/plants/>), Voss (1972, 1985, 1996), DNR, and the "Preliminary Reports on the Flora of Wisconsin" (Iltis et al., 1994). However, nomenclaturally typical infraspecific taxa are not listed as synonyms. For example, *Cystopteris fragilis* (L.) Bernh. var. *fragilis*, accepted as a good taxon in Gleason and Cronquist (1991) along with other varieties, is not listed as a synonym in the checklist, because we accept *C. fragilis* only at the species level.



KITTY KOP-OUT



KENNETH J. SYTSMA

COMPOSITION OF THE WISCONSIN FLORA

Native taxa

Native plants are those assumed to have been present in some part of Wisconsin prior to European settlement, as well as those like *Geum vernum* (Raf.) Torr. & A. Gray that are thought to have arrived in recent decades via natural migration from adjoining areas in which they are undisputedly native. On the contrary, introduced taxa were brought into our state, intentionally or unintentionally, from the outside, usually from Europe or Eurasia or other parts of North America. Thus, "introduced" taxa in the checklist are believed to be non-native in Wisconsin even though they may be native in nearby states or elsewhere on this continent. Because it is often difficult and sometime impossible to determine whether a plant is native or introduced, taxonomists sometimes disagree. For most taxa the status reported here is that in *Gray's Manual* (Fernald 1950), although for a few taxa we follow Gleason and Cronquist (1991), Voss (1972, 1985, 1996), or our own judgment. Sometimes there is considerable overlap among the native and non-native categories. For example, *Calylophus serrulatus* (Nutt.) P. H. Raven is both native and adventive in different parts of the state; *Galium aparine* L., *Plantago rugelii* Decne., and possibly *Portulaca oleracea* L. are both native and naturalized or have both native and naturalized races; and *Gleditsia triacanthos* L. is both native and escaped.

At least four species are considered extirpated in Wisconsin:

- Asclepias meadii* Torr. ex A. Gray - Mead's milkweed,
- Collinsia verna* Nutt. - eastern blue-eyed-Mary,
- Eleocharis equisetoides* (Elliott) Torr. - knotted spike-rush,
- Sassafras albidum* (Nutt.) Nees - sassafras.

Unfortunately, there are many other native taxa which, due primarily to loss of habitat, are either endangered (65) or threatened (57) within Wisconsin or have not been collected here for many years. In addition, there are 171 taxa of such low frequency of

occurrence as to warrant special concern. These taxa are indicated in the checklist according to the categories used by the DNR Bureau of Endangered Resources in the "Wisconsin Natural Heritage Working List" (dated October 2, 2000).

Protection categories as defined by the DNR Bureau of Endangered Resources:

- ★ **Endangered (END)** – Wisconsin Endangered Species: any species whose continued existence as a viable component of the state's wild animals or wild plants is determined by the Department [DNR] to be in jeopardy on the basis of scientific evidence (s. 29.604, *Wis. Stats.*).
- ★ **Threatened (THR)** – Wisconsin Threatened Species: any species which appears likely, within the foreseeable future, on the basis of scientific evidence to become endangered (s. 29.604, *Wis. Stats.*).
- ★ **Special Concern (SC)** – Species about which some problem of abundance or distribution is suspected but not yet proved. The main purpose of this category is to focus attention on certain species *before* they become threatened or endangered.

Among publications on plant taxonomy by different authors, even those working within the same state, there may be differences of opinion as to the generic placement of a species, the rank at which any taxon is accepted, the acceptance or not of a species or of infraspecific taxa within a species, and the native or non-native status of a taxon. Differences between this checklist and the Wisconsin Natural Heritage Inventory working list (which lists 3 taxa as extirpated, 78 taxa as endangered, 65 as threatened, and

202 as special concern) are given in Table 2. Taxa which are accepted on the working list but which are considered synonyms in this checklist are listed under their accepted taxa, and their DNR protection category is also given. As an example:

There is one species, *Onosmodium molle* Michx., which is listed by the DNR as a ★Special Concern taxon, but is not accepted in the checklist as occurring in Wisconsin. Although it is still considered a “good” species with a range outside of Wisconsin, the Wisconsin entities previously ascribed to this species

Packera A.Löve & D.Löve

indecora (Greene) A.Löve & D.Löve

Plains ragwort, rayless ragwort, taller discoid groundsel

Senecio indecorus Greene

★THREATENED - LISTED UNDER THIS SYNONYM BY THE DNR

Table 1. Numbers¹ of special-category taxa in Wisconsin.

| Group | ✚ Extirpated | ⊗ Endangered | ★ Threatened | ☆ Special Concern | Total |
|---------------------|--------------|--------------|--------------|-------------------|------------|
| Ferns & Fern Allies | | 4 | 2 | 19 | 25 |
| Gymnosperms | | | | 1 | 1 |
| Angiosperms | | | | | |
| Dicotyledons | 3 | 42 | 30 | 89 | 164 |
| Monocotyledons | 1 | 19 | 25 | 62 | 107 |
| Total | 4 | 65 | 57 | 171 | 297 |

¹Counts based on accepted (including infraspecific) taxa in this checklist.

Table 2. Differences between DNR Bureau of Endangered Resources listing of taxa and the current checklist.

| DNR Taxa | | CHECKLIST Taxa |
|--|--|--|
| DNR taxa with change in generic placement in checklist: | | |
| SC | <i>Cacalia muhlenbergii</i> | = <i>Arnoglossum reniforme</i> |
| THR | <i>Cacalia tuberosa</i> | = <i>Arnoglossum plantagineum</i> |
| SC | <i>Cassia marilandica</i> | = <i>Senna marilandica</i> |
| THR | <i>Elymus lanceolatus</i> subsp. <i>psammophilus</i> | = <i>Elytrigia dasystachya</i> subsp. <i>psammophila</i> |
| SC | <i>Euphorbia polygonifolia</i> | = <i>Chamaesyce polygonifolia</i> |
| SC | <i>Hedyotis caerulea</i> | = <i>Houstonia caerulea</i> |
| SC | <i>Lycopodium porophyllum</i> | = <i>Huperzia porophila</i> |
| SC | <i>Lycopodium selago</i> | = <i>Huperzia selago</i> |
| END | <i>Moehringia macrophylla</i> | = <i>Arenaria macrophylla</i> |
| SC | <i>Nothocalais cuspidata</i> | = <i>Microseris cuspidata</i> |
| THR | <i>Potamogeton vaginatus</i> | = <i>Stuckenia vaginata</i> |
| THR | <i>Psilocarya scirpoides</i> | = <i>Rhynchospora scirpoides</i> |
| SC | <i>Psoralea argophylla</i> | = <i>Pedimelum argophyllum</i> |
| SC | <i>Psoralea esculenta</i> | = <i>Pedimelum esculentum</i> |
| END | <i>Scirpus hallii</i> | = <i>Schoenoplectus hallii</i> |
| SC | <i>Scirpus heterochaetus</i> | = <i>Schoenoplectus heterochaetus</i> |
| SC | <i>Scirpus torreyi</i> | = <i>Schoenoplectus torreyi</i> |
| THR | <i>Senecio indecorus</i> | = <i>Packera indecora</i> |
| SC | <i>Senecio plattensis</i> | = <i>Packera plattensis</i> |

(continued on next page)

Table 2. *Continued.*

| DNR Taxa | | CHECKLIST Taxa | |
|--|---|--|---------------------------------|
| DNR taxa with change in rank in checklist: | | | |
| THR | <i>Gnaphalium obtusifolium</i> var. <i>saxicola</i> | = <i>Gnaphalium saxicola</i> | |
| SC | <i>Littorella americana</i> | = <i>Littorella uniflora</i> var. <i>americana</i> | |
| SC | <i>Malaxis brachypoda</i> | = <i>Malaxis monophyllos</i> var. <i>brachypoda</i> | |
| SC | <i>Sagittaria calycina</i> | = <i>Sagittaria montevidensis</i> subsp. <i>calycina</i> | |
| THR | <i>Valeriana sitchensis</i> subsp. <i>uliginosa</i> | = <i>Valeriana uliginosa</i> | |
| SC | <i>Viburnum cassinoides</i> | = <i>Viburnum nudum</i> var. <i>cassinoides</i> | |
| SC | <i>Woodsia oregana</i> var. <i>cathcartiana</i> | = <i>Woodsia oregana</i> subsp. <i>cathcartiana</i> | |
| DNR taxa with change in rank and generic placement in checklist: | | | |
| SC | <i>Minuartia dawsonensis</i> | = <i>Arenaria stricta</i> subsp. <i>dawsonensis</i> | |
| DNR infraspecific taxa not accepted in checklist: | | | |
| SC | <i>Arabis missouriensis</i> var. <i>deamii</i> | = <i>Arabis missouriensis</i> | |
| SC | <i>Carex pallescens</i> var. <i>neogaea</i> | = <i>Carex pallescens</i> | |
| SC | <i>Diodia teres</i> var. <i>teres</i> | = <i>Diodia teres</i> | |
| SC | <i>Dryopteris fragrans</i> var. <i>remotiuscula</i> | = <i>Dryopteris fragrans</i> | |
| END | <i>Ranunculus gmelinii</i> var. <i>hookeri</i> | = <i>Ranunculus gmelinii</i> | |
| DNR taxa placed in synonymy in checklist: | | | |
| THR | <i>Aconitum noveboracense</i> | = <i>Aconitum columbianum</i> subsp. <i>columbianum</i> | |
| END | <i>Anemone multifida</i> var. <i>hudsoniana</i> | = <i>Anemone multifida</i> var. <i>multifida</i> | |
| END | <i>Asplenium viride</i> | = <i>Asplenium trichomanes-ramosum</i> | |
| SC | <i>Carex artitecta</i> | = <i>Carex albicans</i> var. <i>albicans</i> | |
| END | <i>Carex media</i> | = <i>Carex norvegica</i> subsp. <i>inferalpina</i> | |
| END | <i>Draba lanceolata</i> | = <i>Draba cana</i> | |
| SC | <i>Echinodorus rostratus</i> | = <i>Echinodorus berteroi</i> | |
| SC | <i>Eclipta alba</i> | = <i>Eclipta prostrata</i> | |
| SC | <i>Osmorhiza chilensis</i> | = <i>Osmorhiza berteroi</i> | |
| END | <i>Viola fimbriatula</i> | = <i>Viola sagittata</i> var. <i>ovata</i> | |
| Species with one or more infraspecific taxa in checklist but only listed at the species level by DNR: | | | |
| SC | <i>Asplenium trichomanes</i> | END | <i>Juncus stygius</i> |
| END | <i>Astragalus alpinus</i> | END | <i>Lonicera involucrata</i> |
| END | <i>Astragalus crassicaarpus</i> | THR | <i>Opuntia fragilis</i> |
| THR | <i>Calypso bulbosa</i> | END | <i>Orobanche ludoviciana</i> |
| SC | <i>Cardamine pratensis</i> | THR | <i>Parnassia palustris</i> |
| THR | <i>Carex lenticularis</i> | SC | <i>Phlox bifida</i> |
| SC | <i>Clematis occidentalis</i> | SC | <i>Platanthera dilatata</i> |
| SC | <i>Cypripedium parviflorum</i> | SC | <i>Ptelea trifoliata</i> |
| SC | <i>Dalea villosa</i> | SC | <i>Rhus aromatica</i> |
| SC | <i>Deschampsia cespitosa</i> | THR | <i>Ribes oxycanthoides</i> |
| SC | <i>Eleocharis compressa</i> | THR | <i>Salix planifolia</i> |
| SC | <i>Eleocharis olivacea</i> | SC | <i>Scutellaria ovata</i> |
| SC | <i>Equisetum variegatum</i> | SC | <i>Streptopus amplexifolius</i> |
| END | <i>Fimbristylis puberula</i> | THR | <i>Tofieldia glutinosa</i> |
| SC | <i>Gnaphalium helleri</i> | SC | <i>Triphora trianthophora</i> |
| SC | <i>Gymnocarpium jessoense</i> | | |
| Taxa considered native by DNR but considered non-native in checklist: | | | |
| SC | <i>Cirsium flodmanii</i> | INTRODUCED - ADVENTIVE | |
| END | <i>Diarrhena americana</i> | EXCLUDED | |
| SC | <i>Galium palustre</i> | INTRODUCED - LOCALLY ESTABLISHED | |
| SC | <i>Hibiscus moscheutos</i> subsp. <i>moscheutos</i> | INTRODUCED - ESCAPED | |

have been transferred to another species (the two Wisconsin infraspecific taxa treated formerly under *O. molle* are now accepted as varieties of *O. bejariense* A. DC).

Because the Wisconsin Natural Heritage Inventory working list is revised quite frequently, it is our intention to keep the electronic version of the checklist always current with the most recent working list. A printed copy of The Wisconsin Natural Heritage Inventory working list is available from the Bureau of Endangered Resources, DNR, Box 7921, Madison, WI 53707 or electronically at <http://www.dnr.state.wi.us/org/land/er/rare.htm>.

Non-native taxa

The status of non-native species often presents problems. The Native American Indians introduced species from the South and West. More recent immigrants from Europe, Asia, and Africa have introduced many more species. Each introduced plant has its unique history (mostly unknown), and each has a status at some point along the continuum from being firmly established to being an ephemeral, one-time waif.

Terms used to describe the status of introduced taxa are less precisely defined than "native". Introduced plants include those which were planted originally and now have spread (e.g., *Populus alba* L.) or become naturalized (e.g., *Phleum pratense* L.), as well as adventive species which have escaped from cultivation (e.g., *Asparagus officinalis* L.), established themselves as unwanted weeds (e.g., *Malva rotundifolia* L.), or appeared as occasional waifs (e.g., *Camelina sativa* (L.) Crantz). A few ornamentals (*Delphinium elatum* L.), medicinal and culinary herbs (*Anethum graveolens* L.), and crop plants (*Sorghum bicolor* (L.) Moench) are included, although they probably are not truly established, and others (*Agrostemma githago* L., once common in rye fields) are probably no longer extant in the state. The naturalized and adventive plants, whether generally or locally distributed, are listed because they occur in Wisconsin. The marginal plants, including not only those recently arrived, but also those that may have disappeared, are listed because they are part of the historical record, and like presumed extinct native species, may one day be rediscovered. Whatever the case, this book includes all vascular plants that occur in Wisconsin in the sense of their being represented by a herbarium specimen from a plant growing "wild". Although some

may find this policy too liberal, assembling all such records into the present text has made the checklist a more useful reference, one which reflects the continuing movement and changing frequency of species in the landscape. The status of each non-native taxon is given within the checklist. As with native status, there is often substantial overlap between the various non-native status categories. For example, *Setaria italica* (L.) P. Beauv. is widespread and weedy, but it originally escaped from cultivation.

Determining the status is particularly problematic for a taxon that is based on a single or a few herbarium records, because often the label gives no indication as to whether the plant was cultivated or appeared to be native, naturalized, escaped, or a waif. We used our best judgment when deciding which records should be accepted and how each taxon should be classified.

Non-native status categories:

- **Introduced – adventive:** only casually established from a neighboring native or naturalized source or disseminated from a more distant area; neither naturalized nor persistent.
- **Introduced – escaped:** normally cultivated, but established (i.e., growing and reproducing) where not planted.
- **Introduced – locally established:** naturalized at particular places in small or large numbers.
- **Introduced – naturalized:** well established, often widespread.
- **Introduced – persisting and spreading:** garden plants expanding only slightly or escaped only slightly beyond the area in which they were originally planted.
- **Introduced – rarely escaped:** spreading vegetatively or by seed from cultivated plants, but seldom encountered.

Ecologically Invasive Plants

Only three species in Wisconsin are legally designated "noxious" weeds. By municipal law (s. 66.96, *Wis. Stats.*), "Every person shall destroy [complete killing of weeds . . . in such a manner as will effectually prevent such . . . plants from maturing to the bloom or

Table 3. Summary of non-native taxa¹ (by status category) in Wisconsin.

| Group | Adventive | Escaped | Locally Established | Naturalized | Persisting & Spreading | Rarely Escaped | Total |
|---------------------|------------|------------|------------------------|-------------|---------------------------|-------------------|------------|
| Ferns & Fern Allies | | | | | | | 0 |
| Gymnosperms | | | | 1 | 1 | | 2 |
| Angiosperms | | | | | | | |
| Dicotyledons | 229 | 167 | 46 | 205 | 24 | 45 | 716 |
| Monocotyledons | 54 | 18 | 20 | 56 | | 11 | 159 |
| Total | 283 | 185 | 66 | 262 | 25 | 56 | 877 |

¹Counts include infraspecific taxa.

flower stage] all noxious weeds on all lands which he shall own, occupy or control". The three species are *Cirsium arvense* (L.) Scop. - Canada thistle, *Convolvulus arvensis* L. - field bindweed or creeping Jenny, and *Euphorbia esula* L. - leafy spurge. There are two other species, *Lythrum salicaria* L. - purple loosestrife ("or hybrids thereof") and *Rosa multiflora* Thunb. ex Murray - multiflora rose, which are legally (s. 66.955, Wis. Stats.) listed as "nuisance weeds". Propagation of nuisance weeds is prohibited by statute: "Except as provided in sub (3), no person may sell, offer for sale, distribute, plant or cultivate any nuisance weed or seeds thereof." Not surprisingly, the taxa that have received legal recognition as problem species have a large negative economic impact on the state's agricultural enterprises. There are numerous other weedy species, including some roadside "wildflowers," that pose a potentially serious economic threat to agricultural lands and gardens.

There are many other invasive or potentially invasive taxa present in the state, which are or could become ecologically important pests in natural habitats. As defined by the DNR, "Most invasive species are ecological pioneers and colonizers which, once introduced, quickly establish themselves in ecologically disturbed communities. Invasive species typically displace native flora due to faster growth rates, efficient dispersal mechanisms, and tolerance of a wider range of conditions. Invasive species often lack natural predators and diseases which control populations in their native environments..." (<http://www.dnr.state.wi.us/org/land/er/invasive/intro.htm>, 1999).

Non-native species that are currently considered as invasive or potentially invasive in Wisconsin natural areas by the DNR are indicated in the checklist.

For each such taxon the invasive category is given after the taxon's non-native status category.

Invasive categories:

- **Ecologically invasive:** able to invade wild areas and outcompete native species, degrading habitats and causing extensive ecological damage.
- **Potentially invasive:** constituting a serious problem in other parts of the Midwest and which may become troublesome in Wisconsin, or currently invasive outside of natural areas in Wisconsin.

Such species as *Rhamnus cathartica* L. - common buckthorn and *Lonicera × bella* Zabel (and its parental species, *L. morrowii* A. Gray and *L. tatarica* L.) have all but replaced the native understory shrubs in woods and thickets in the southern half of the state. Other species more recently arrived in Wisconsin are just beginning to become problematical in natural areas, for example, *Rhamnus frangula* L. - glossy buckthorn and *Alliaria petiolata* (M. Bieb.) Cavara & Grande - garlic mustard, with significant consequences for the native vegetation.

There are also a number of opportunistic native taxa, colonizers which can come to dominate natural areas due to disturbance or suppression of natural processes, such as fire. These species are also noted in the checklist by an invasive status, "Native - potentially invasive". For a thorough review of the ecologically invasive species and for suggested control methods, see Hoffman and Kearns (1997) and http://www.dnr.state.wi.us/org/land/er/invasive_species.htm.

Excluded Taxa

Information is still being gathered for the admittedly incomplete list of doubtful records and unvouchered reports. However, we indicate briefly the reason for rejecting many individual species, some of which may eventually be reinstated to our flora. In many cases, we have not found specimens to substantiate published reports, including those listed in Table 8 in the Excluded Taxa section. In other cases, voucher specimens may have been misidentified (e.g., *Gentiana saponaria* L.) or were too incomplete or too immature to be identified accurately (e.g., *Agrostis capillaris* L.). Also rejected were mislabeled specimens of species that do not occur in Wisconsin (e.g., *Phoradendron serotinum* (Raf.) M. C. Johnston.).

Species labeled as having come from yards, gardens, parks, and cemeteries were generally excluded in the absence of information as to status. Ornamental plants for which there is little or no evidence of establishment outside of cultivation constitute the main problematic category. Prime sources of such specimens are the herbaria of Charles Goessl and Halvor L. and Gertil J. Skavlem, now mostly at the Milwaukee Public Museum and UW-Madison herbaria, but a few other collectors, among them T. J. Hale and G. B. Olds, routinely collected horticultural herbs and shrubs. Many of these records were considered too unreliable to list, even some which have been accepted and mapped in a "Preliminary Report," unless more than the usual amount of information was given on the label, the population was collected more than once, or there were additional specimens to confirm the presence of these species in the state.

Summary of the Wisconsin Flora

Table 4. Numbers of families, genera, and species in Wisconsin.

| Group | Families | Genera ² | Species ¹ | | |
|---------------------|------------|---------------------|----------------------|------------|--------------|
| | | | Native | Introduced | Total |
| Ferns & Fern Allies | 13 | 31 | 108 | | 108 |
| Gymnosperms | 3 | 8 | 15 | 2 | 17 |
| Angiosperms | | | | | |
| Dicotyledons | 115 | 570 | 1,151 | 637 | 1,788 |
| Monocotyledons | 27 | 170 | 599 | 128 | 727 |
| Total | 158 | 779 | 1,873 | 767 | 2,640 |

¹Species counts include all hybrids (both with published binomials and species × species crosses).

²Genera are considered native if at least one taxon in the genus is native.

Table 5. Number of native and introduced families and genera in Wisconsin¹.

| Group | Families | | | Genera | | |
|---------------------|------------|------------|------------|------------|------------|------------|
| | Native | Introduced | Total | Native | Introduced | Total |
| Ferns & Fern Allies | 13 | | 13 | 31 | | 31 |
| Gymnosperms | 3 | | 3 | 8 | | 8 |
| Angiosperms | | | | | | |
| Dicotyledons | 104 | 11 | 115 | 360 | 210 | 570 |
| Monocotyledons | 25 | 2 | 27 | 128 | 42 | 170 |
| Total | 145 | 13 | 158 | 527 | 252 | 779 |

¹Families and genera are counted as native if any Wisconsin taxa in them are native and as introduced if all Wisconsin taxa in them are non-native.

COMPOSITION OF THE WISCONSIN FLORA

Table 6. Largest families (50 or more taxa) and genera (15 or more taxa) in the Wisconsin flora.

| Family | No. of Taxa | Genus | No. of Taxa |
|------------------|-------------|--------------------|-------------|
| Asteraceae | 390 | <i>Carex</i> | 180 |
| Poaceae | 259 | <i>Aster</i> | 94 |
| Cyperaceae | 257 | <i>Rubus</i> | 56 |
| Rosaceae | 190 | <i>Crataegus</i> | 51 |
| Fabaceae | 88 | <i>Potamogeton</i> | 39 |
| Brassicaceae | 87 | <i>Viola</i> | 38 |
| Scrophulariaceae | 74 | <i>Salix</i> | 37 |
| Lamiaceae | 71 | <i>Panicum</i> | 36 |
| Caryophyllaceae | 63 | <i>Solidago</i> | 35 |
| Orchidaceae | 60 | <i>Polygonum</i> | 33 |
| Ranunculaceae | 55 | <i>Juncus</i> | 30 |
| | | <i>Ranunculus</i> | 24 |
| | | <i>Helianthus</i> | 23 |
| | | <i>Chenopodium</i> | 21 |
| | | <i>Eleocharis</i> | 20 |
| | | <i>Veronica</i> | 20 |
| | | <i>Lonicera</i> | 19 |
| | | <i>Rosa</i> | 19 |
| | | <i>Galium</i> | 15 |

Table 7. Numbers of specific, infraspecific, and hybrid taxa in Wisconsin, separated into native and introduced taxa.

| Group | Native | | | | | | Total Taxa |
|---------------------|--------------|------------|------------|------------|------------|-----------------|--------------|
| | Species | Hybrids | Subspecies | Varieties | Forms (f.) | Cultivars (cv.) | |
| Ferns & Fern Allies | 89 | 19 | 4 | 5 | | | 117 |
| Gymnosperms | 13 | 2 | | 2 | | | 17 |
| Angiosperms | | | | | | | |
| Dicotyledons | 1,021 | 130 | 95 | 251 | 4 | | 1,501 |
| Monocotyledons | 549 | 50 | 38 | 94 | | | 731 |
| Total | 1,672 | 201 | 137 | 352 | 4 | 0 | 2,366 |

| Group | Introduced | | | | | | Total Taxa |
|---------------------|------------|-----------|------------|-----------|------------|-----------------|------------|
| | Species | Hybrids | Subspecies | Varieties | Forms (f.) | Cultivars (cv.) | |
| Ferns & Fern Allies | | | | | | | 0 |
| Gymnosperms | 2 | | | | | | 2 |
| Angiosperms | | | | | | | |
| Dicotyledons | 606 | 31 | 32 | 44 | 0 | 3 | 716 |
| Monocotyledons | 126 | 2 | 15 | 16 | | | 159 |
| Total | 734 | 33 | 47 | 60 | 0 | 3 | 877 |



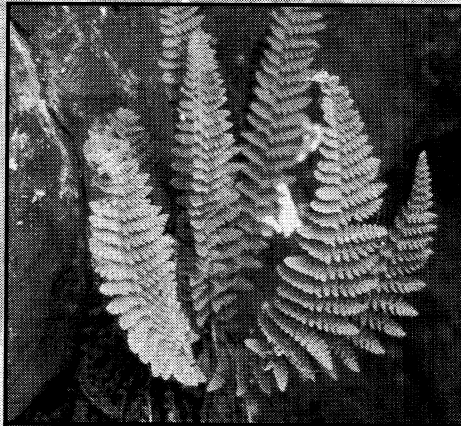
REQUEST FOR REVISIONS

In the hope that the checklist will be expanded and updated, we will gladly receive constructive comments from any source. We kindly request that all such comments be submitted to the University of Wisconsin-Madison Herbarium. Mail can be sent to: Mark Wetter, Herbarium, Department of Botany, University of Wisconsin, 132 Birge Hall, 430 Lincoln Drive, Madison, WI 53706-1381. Email can be sent to Wetter at mawetter@facstaff.wisc.edu or Cochran at tsochra@facstaff.wisc.edu. Faxes (attn. Herbarium) can be sent to 608-262-7509. All comments will be evaluated and incorporated as appropriate. Revised versions of this checklist are scheduled to be posted on the Herbarium web page (<http://www.wisc.edu/botany/herbarium/home.htm>) on a regular basis. Technical questions concerning the structure of the taxonomic database should be directed to Merel R. Black at mblack@facstaff.wisc.edu.

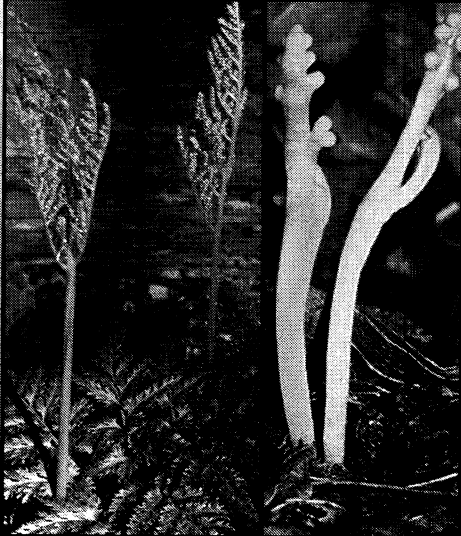
Should you discover a taxon previously unreported from Wisconsin, or one so rare or local that

additional records are of interest, please send a voucher specimen with label data to one of the major in-state herbaria. The two largest are: 1) University of Wisconsin-Madison Herbarium, Department of Botany, 430 Lincoln Drive, Madison, WI 53706; and 2) Section for Botany Herbarium, Milwaukee Public Museum, 800 W. Wells Street, Milwaukee, WI 53233. Do *not* collect a specimen if the plant is known to be endangered or threatened, or if doing so would jeopardize the future of the population. Nor should orchids, lilies, or gentians ever be dug. A single flower and leaf, plus a color photograph, are enough to voucher their presence. Readers are requested to advise the DNR's Bureau of Endangered Resources of any Wisconsin endangered, threatened, and special concern species they may encounter. Copies of the Wisconsin Rare Plant Reporting Form may be obtained from the Natural Heritage Inventory Program, Bureau of Endangered Resources, DNR, Box 7921, Madison, WI 53707.

◆
CHECKLIST
FERNS AND FERN ALLIES



EMMET J. JUDZIEWICZ



ROBERT H. READ

ROBERT R. KOWAL

◆ **ASPLENIACEAE—Spleenwort Family**

***Asplenium* L.**

***pinnatifidum* Nutt.**

Lobed spleenwort

★ THREATENED

***platyneuron* (L.) Britton, Sterns & Poggenb.**

Ebony spleenwort

Asplenium platyneuron (L.) Britton, Sterns & Poggenb. var. *bacculum-rubrum* (Featherm.) Fernald

Asplenium platyneuron (L.) Britton, Sterns & Poggenb. var. *incisum* (Howe) B.L.Rob.

***rhizophyllum* L.**

Walking fern

Camptosorus rhizophyllus (L.) Link

***trichomanes* L.**

☆ SPECIAL CONCERN

subsp. *quadrivalens* D.E.Mey.

Maidenhair spleenwort

subsp. *trichomanes*

Maidenhair spleenwort

***trichomanes-ramosum* L.**

Bright-green spleenwort, green spleenwort

Asplenium viride Huds.

⊛ ENDANGERED - LISTED UNDER THIS SYNONYM BY THE DNR

◆ **AZOLLACEAE—Azolla Family**

***Azolla* Lam.**

***caroliniana* Willd.**

Carolina mosquito-fern, eastern mosquito-fern

***mexicana* C.Presl**

Floating-fern, Mexican azolla, Mexican mosquito-fern

◆ **DENNSTAEDTIACEAE—Bracken Family**

***Dennstaedtia* Bernh.**

***punctilobula* (Michx.) T.Moore**

Eastern hay-scented fern, hay-scented fern

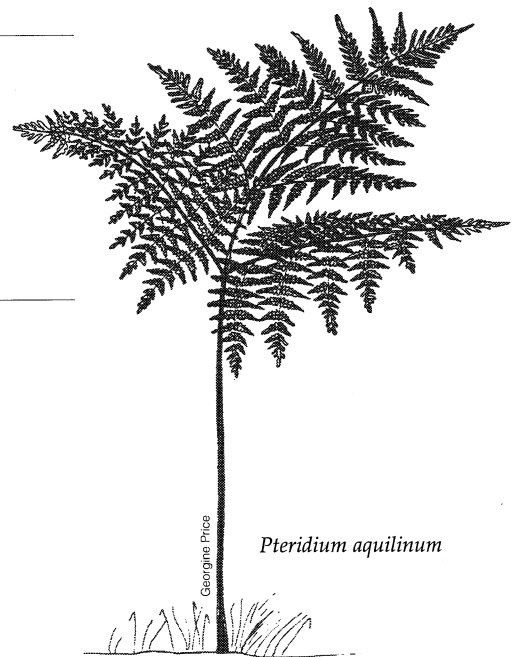
***Pteridium* Gled. ex Scop.**

***aquilinum* (L.) Kuhn**

var. *latiusculum* (Desv.) Underw. ex A.Heller

Bracken, bracken fern, eastern bracken fern

Pteridium latiusculum (Desv.) Fr.



◆ **DRYOPTERIDACEAE—Wood Fern Family**

***Athyrium* Roth**

***filix-femina* (L.) Roth ex Mert.**

var. *angustum* (Willd.) G.Lawson

Common lady fern, lady fern, northeastern lady fern, northern lady fern

Athyrium angustum (Willd.) C.Presl

Athyrium angustum (Willd.) C.Presl var. *elatius* (Link) Butters

Athyrium angustum (Willd.) C.Presl var. *rubellum* (Gilbert) Butters

Athyrium filix-femina (L.) Roth ex Mert. subsp. *angustum* (Willd.) R.T.Clausen

Athyrium filix-femina (L.) Roth ex Mert. var. *michauxii* (Spreng.) Farw.

Cystopteris Bernh.

bulbifera (L.) Bernh.

Bladder fern, bulblet bladder fern, bulblet fragile fern

fragilis (L.) Bernh.

Bladder fern, brittle bladder fern, northern fragile fern

laurentiana (Weath.) Blasdell

Laurentian bladder fern, St. Lawrence bladder fern

Cystopteris fragilis (L.) Bernh. var. *laurentiana* Weath.

protrusa (Weath.) Blasdell

Creeping fragile fern, lowland bladder fern

Cystopteris fragilis (L.) Bernh. var. *protrusa* Weath.

tennesseensis Shaver

Tennessee bladder fern

tenuis (Michx.) Desv.

MacKay's brittle fern, upland brittle bladder fern

Cystopteris fragilis (L.) Bernh. var. *mackayi* G.Lawson

× *illinoensis* R.C.Moran

Illinois bladder fern

= *Cystopteris bulbifera* (L.) Bernh. × *C. tenuis* (Michx.) Desv.

Deparia Hook. & Grev.

acrostichoides (Sw.) M.Kato

Silver false spleenwort, silvery glade fern, silvery spleenwort

Athyrium acrostichoides (Sw.) Diels

Athyrium thelypteroides (Michx.) Desv.

Athyrium thelypteroides (Michx.) Desv. f. *acrostichoides* (Sw.) Gilbert

Diplazium Sw.

pycnocarpon (Spreng.) M.Broun

Glade fern, narrow-leaved glade fern, narrow-leaved spleenwort

★ SPECIAL CONCERN

Athyrium angustifolium (Michx.) Milde

Athyrium pycnocarpon (Spreng.) Tidestr.

Dryopteris Adans.

carthusiana (Vill.) H.P.Fuchs

Spinulose wood fern, toothed wood fern

Dryopteris spinulosa (O.F.Müll.) Watt

Thelypteris spinulosa (O.F.Müll.) Nieuwl.

clintoniana (D.C.Eaton) Dowell

Clinton's shield fern, Clinton's wood fern

★ SPECIAL CONCERN

Dryopteris cristata (L.) A.Gray var. *clintoniana* (D.C.Eaton) Underw.

cristata (L.) A.Gray

Crested shield fern, crested wood fern

Thelypteris cristata (L.) Nieuwl.

expansa (C.Presl) Fraser-Jenk. & Jermy

Northern wood fern, spreading wood fern

★ SPECIAL CONCERN

Dryopteris spinulosa (O.F.Müll.) Watt var. *americana* (Fisch. ex Kunze) Fernald

Thelypteris spinulosa (O.F.Müll.) Nieuwl. var. *americana* (Fisch. ex Kunze) Weath.

filix-mas (L.) Schott

Male fern

★ SPECIAL CONCERN

fragrans (L.) Schott

Fragrant fern, fragrant wood fern

Dryopteris fragrans (L.) Schott var. *remotiuscula* Kom.

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

Thelypteris fragrans (L.) Nieuwl. var. *hookeriana* Fernald

Athyrium filix-femina



goldiana (Hook. ex Goldie) A.Gray

Giant wood fern, Goldie's fern, Goldie's wood fern

Thelypteris goldiana (Hook. ex Goldie) Nieuwl.

intermedia (Muhl. ex Willd.) A.Gray

Fancy wood fern, glandular wood fern, intermediate wood fern

Dryopteris spinulosa (O.F.Müll.) Watt var. *intermedia* (Muhl. ex Willd.) Underw.

Thelypteris spinulosa (O.F.Müll.) Nieuwl. var. *intermedia* (Muhl. ex Willd.) Nieuwl.

intermedia (Muhl. ex Willd.) A.Gray × *D. marginalis* (L.) A.Gray

Glandular marginal wood fern

marginalis (L.) A.Gray

Marginal shield fern, marginal wood fern

Thelypteris marginalis (L.) Nieuwl.

× boottii (Tuck.) Underw. (pro sp.)

Boott's wood fern

= *Dryopteris cristata* (L.) A.Gray × *D. intermedia* (Muhl. ex Willd.) A.Gray

× pittsfordensis Sloss.

Pittsford's wood fern

= *Dryopteris carthusiana* (Vill.) H.P.Fuchs × *D. marginalis* (L.) A.Gray

× slossonae Wherry ex Lellinger

Slosson's wood fern

= *Dryopteris cristata* (L.) A.Gray × *D. marginalis* (L.) A.Gray

× triploidea Wherry

Triploid wood fern

= *Dryopteris carthusiana* (Vill.) H.P.Fuchs × *D. intermedia* (Muhl. ex Willd.) A.Gray

Dryopteris spinulosa (O.F.Müll.) Watt var. *fructuosa* (Gilbert) Trudell

× uliginosa (A.Braun ex Dowell) Druce

Spinulose crested wood fern

= *Dryopteris carthusiana* (Vill.) H.P.Fuchs × *D. cristata* (L.) A.Gray

Gymnocarpium Newman

***dryopteris* (L.) Newman**

Common oak fern, western oak fern

Dryopteris disjuncta (Rupr.) C.V.Morton

Dryopteris linnaeana C.Chr.

Dryopteris linnaeana C.Chr. f. *glandulosa* R.M.Tryon

Thelypteris dryopteris (L.) Sloss.

***jessoense* (Koidz.) Koidz.**

☆ SPECIAL CONCERN

subsp. *parvulum* Sarvela

Asian oak fern, Nahanni oak fern, northern oak fern

***robertianum* (Hoffm.) Newman**

Limestone oak fern, scented oak fern

☆ SPECIAL CONCERN

Dryopteris robertiana (Hoffm.) C.Chr.

× *intermedium* Sarvela

Intermediate oak fern

= *Gymnocarpium jessoense* (Koidz.) Koidz. subsp. *parvulum* Sarvela × *G. robertianum* (Hoffm.) Newman

Matteuccia Todaro

***struthiopteris* (L.) Todaro**

var. *pensylvanica* (Willd.) C.V.Morton

American ostrich fern, ostrich fern

Pteris nodulosa (Michx.) Nieuwl.

Pteris nodulosa (Michx.) Nieuwl. f. *pubescens* (Terry) Fernald

Onoclea* L.sensibilis* L.

Sensitive fern

Onoclea sensibilis L. f. *obtusilobata* (Schkuhr) Gilbert***Polystichum* Roth***acrostichoides* (Michx.) Schott

Christmas fern

★ SPECIAL CONCERN

braunii (Spenn.) Fée

Braun's holly fern

★ THREATENED

Polystichum braunii (Spenn.) Fée var. *purshii* Fernald***Woodsia* R.Br.***ilvensis* (L.) R.Br.

Rusty cliff fern, rusty woodsia

obtusata (Spreng.) Torr.subsp. *obtusata*

Blunt-lobe cliff fern, blunt-lobed woodsia

oregana D.C.Eatonsubsp. *cathcartiana* (B.L.Rob.) Windham

Cathcart's cliff fern, Oregon cliff fern, Oregon woodsia, western cliff fern

Woodsia cathcartiana B.L.Rob.*Woodsia oregana* D.C.Eaton var. *cathcartiana* (B.L.Rob.) C.V.Morton

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

× *abbeae* Butters= *Woodsia ilvensis* (L.) R.Br. × *W. oregana* D.C.Eaton subsp. *cathcartiana* (B.L.Rob.) Windham◆ **EQUISETACEAE—Horsetail Family*****Equisetum* L.***arvense* L.

Common horsetail, field horsetail

Equisetum arvense L. f. *alpestre* (Wahlenb.) Luerss.*Equisetum arvense* L. f. *decumbens* (G.Mey.) W.D.J.Koch*Equisetum arvense* L. f. *ramulosum* (Rupr.) Klinge*Equisetum arvense* L. f. *varium* (Milde) Klinge*Equisetum arvense* L. var. *boreale* (Bong.) Rupr.*Equisetum arvense* L. var. *boreale* (Bong.) Rupr. f. *pseudo-alpestre* Vict.*Equisetum arvense* L. var. *boreale* (Bong.) Rupr. f. *pseudo-varium* Vict.*fluviatile* L.

Pipes, river horsetail, water horsetail

Equisetum fluviatile L. f. *linnaeanum* (Döll) M.Broun*Equisetum fluviatile* L. f. *minus* (R.Br.) M.Broun*Equisetum fluviatile* L. f. *natans* (Vict.) M.Broun*hyemale* L.subsp. *affine* (Engelm.) Calder & Roy L.Taylor

Common scouring rush, pipes, scouring rush horsetail

Equisetum hyemale L. var. *affine* (Engelm.) A.A.Eaton*laevigatum* A.Braun

Smooth horsetail, smooth scouring rush

Equisetum kansanum J.H.Schaffn.*palustre* L.

Marsh horsetail

★ SPECIAL CONCERN

Equisetum palustre L. f. *verticillatum* Milde*Equisetum palustre* L. var. *americanum* Vict.*Equisetum palustre* L. var. *americanum* Vict. f. *luxurians* Vict.

pratense Ehrh.

Meadow horsetail

Equisetum pratense Ehrh. f. *nanum* (Milde) Klinge

scirpoides Michx.

Dwarf scouring rush, sedge horsetail

syloaticum L.

Wood horsetail, woodland horsetail

Equisetum syloaticum L. var. *multiramosum* (Fernald) Wherry

variegatum Schleich. ex F.Weber & D.Mohr

★ SPECIAL CONCERN

subsp. variegatum

Variegated horsetail, variegated scouring rush

× **ferrissii Clute (pro sp.)**

Ferriss' horsetail

= *Equisetum hyemale* L. subsp. *affine* (Engelm.) Calder & Roy L.Taylor × *E. laevigatum* A.Braun

× **litorale Kühlew. ex Rupr. (pro sp.)**

Littoral horsetail, shore horsetail

= *Equisetum arvense* L. × *E. fluviatile* L.

× **mackaii (Newman) Brichan**

MacKay's horsetail

= *Equisetum hyemale* L. subsp. *affine* (Engelm.) Calder & Roy L.Taylor × *E. variegatum* Schleich. ex F.Weber & D.Mohr

Equisetum × *trachyodon* (A.Braun) W.D.J.Koch

× **nelsonii (A.A.Eaton) J.H.Schaffn. (pro sp.)**

Nelson's horsetail, Nelson's scouring rush

= *Equisetum laevigatum* A.Braun × *E. variegatum* Schleich. ex F.Weber & D.Mohr

◆ **ISOETACEAE—Quillwort Family**

***Isoetes* L.**

***echinospora* Durieu**

Spiny-spored quillwort, stiff quillwort

Isoetes braunii Durieu

Isoetes echinospora Durieu var. *braunii* (Durieu) Engelm.

Isoetes echinospora Durieu var. *muricata* (Durieu) Engelm.

Isoetes tenella auct. non L.

***lacustris* L.**

Deep-water quillwort, lake quillwort, large-spored quillwort

Isoetes hieroglyphica A.A.Eaton

Isoetes macrospora Durieu

× ***hickeyi* W.C.Taylor & Luebke**

Hickey's quillwort

= *Isoetes echinospora* Durieu × *I. lacustris* L.

◆ **LYCOPODIACEAE—Club-moss Family**

***Diphasiastrum* Holub**

***complanatum* (L.) Holub**

Christmas green, flat-branched club-moss, northern running-pine

Diphasium wallrothii H.P.Fuchs

Lycopodium complanatum L.

***complanatum* (L.) Holub × *D. digitatum* (Dill. ex A.Braun) Holub**

***digitatum* (Dill. ex A.Braun) Holub**

Crowfoot club-moss, southern ground-cedar, southern running-pine, trailing ground-pine

Lycopodium complanatum L. var. *flabelliforme* Fernald

Lycopodium digitatum Dill. ex A.Braun

Lycopodium flabelliforme (Fernald) Blanch.

***tristachyum* (Pursh) Holub**

Blue ground-cedar, ground-cedar club-moss, northern ground-pine

Lycopodium tristachyum Pursh

× *habereri* (House) Holub

Haberer's ground-pine, Haberer's running-pine

= *Diphasiastrum digitatum* (Dill. ex A.Braun) Holub × *D. tristachyum* (Pursh) Holub

Lycopodium tristachyum Pursh var. *habereri* (House) Vict.

Lycopodium × *habereri* House

× *zeileri* (Rouy) Holub

Zeiller's ground-pine, Zeiller's running-pine

= *Diphasiastrum complanatum* (L.) Holub × *D. tristachyum* (Pursh) Holub

Lycopodium complanatum L. var. *elongatum* Vict.

Lycopodium × *zeileri* (Rouy) Greuter & Burdet

Huperzia* Bernh.**appalachiana* Beitel & Mickel**

Appalachian club-moss, mountain fir-moss

★ SPECIAL CONCERN

***lucidula* (Michx.) Trevis.**

Shining club-moss, shining fir-moss

Lycopodium lucidulum Michx.

***porophila* (F.E.Lloyd & Underw.) Holub**

Rock club-moss

Lycopodium lucidulum Michx. var. *porophilum* (F.E.Lloyd & Underw.) Clute

Lycopodium porophilum F.E.Lloyd & Underw.

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

Lycopodium selago L. var. *patens* (P.Beauv.) Desv.

***selago* (L.) Bernh. ex Mart. & Schrank**

Fir club-moss, northern fir-moss

Lycopodium selago L.

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

× *bartleyi* (Cusick) Kartesz & Gandhi

Bartley's club-moss

= *Huperzia lucidula* (Michx.) Trevis. × *H. porophila* (F.E.Lloyd & Underw.) Holub

Lycopodium × *bartleyi* Cusick

× *buttersii* (Abbe) Kartesz & Gandhi

Butters' club-moss

= *Huperzia lucidula* (Michx.) Trevis. × *H. selago* (L.) Bernh. ex Mart. & Schrank

Lycopodium × *buttersii* Abbe

Lycopodiella* Holub**inundata* (L.) Holub**

Bog club-moss, marsh club-moss, northern bog club-moss

Lycopodium inundatum L.

Lycopodium* L.**annotinum* L.**

Common club-moss, bristly club-moss, stiff club-moss

Lycopodium annotinum L. var. *acrifolium* Fernald

Lycopodium annotinum L. var. *pungens* (Bach.Pyl.) Desv.

***clavatum* L.**

Running club-moss, running ground-pine, running-pine, staghorn club-moss

Lycopodium clavatum L. var. *laurentianum* Vict.

Lycopodium clavatum L. var. *subremotum* Vict.

***dendroideum* Michx.**

Northern tree club-moss, round-branched club-moss
Lycopodium obscurum L. var. *dendroideum* (Michx.) D.C.Eaton

***hickeyi* W.H.Wagner, Beitel & R.C.Moran**

Hickey's club-moss, intermediate ground-pine
Lycopodium obscurum L. var. *isophyllum* Hickey

***lagopus* (Laest. ex C.Hartm.) G.Zinserl. ex Kuzen.**

One-cone club-moss
Lycopodium clavatum L. var. *brevispicatum* Peck
Lycopodium clavatum L. var. *integerrimum* Spring
Lycopodium clavatum L. var. *megastachyon* Fernald & Bissell
Lycopodium clavatum L. var. *monostachyon* Hook. & Grev.

***obscurum* L.**

Flat-branched ground-pine, princess'-pine, rare club-moss

◆ **OPHIOGLOSSACEAE—Adder's-tongue Family**

***Botrychium* Sw.**

***campestre* W.H.Wagner & Farrar**

Iowa moonwort, prairie dunewort, prairie moonwort
☉ ENDANGERED

***dissectum* Spreng.**

Cut-leaved grape fern, dissected grape fern, lace-frond grape fern
Botrychium dissectum Spreng. f. *obliquum* (Muhl. ex Willd.) Fernald

***lanceolatum* (S.G.Gmel.) Ångstr.**

subsp. *angustisegmentum* (Pease & A.H.Moore) R.T.Clausen

Lace-leaved grape fern, narrow triangle moonwort, triangle grape fern, triangle moonwort
Botrychium lanceolatum (S.G.Gmel.) Ångstr. var. *angustisegmentum* Pease & A.H.Moore

***lunaria* (L.) Sw.**

Common moonwort, moonwort grape fern
☉ ENDANGERED

***matricariifolium* (Döll) A.Braun ex W.D.J.Koch**

Daisy-leaf grape fern, daisy-leaf moonwort, matricary grape fern

***minganense* Vict.**

Mingan moonwort
★ SPECIAL CONCERN
Botrychium lunaria (L.) Sw. var. *minganense* (Vict.) Dole

***mormo* W.H.Wagner**

Goblin fern, little goblin moonwort
☉ ENDANGERED

***multifidum* (S.G.Gmel.) Rupr.**

Leathery grape fern, leather-leaved grape fern
Botrychium multifidum (S.G.Gmel.) Rupr. var. *intermedium* (D.C.Eaton) Farw.

***oneidense* (Gilbert) House**

Blunt-lobed grape fern, Oneida grape fern
★ SPECIAL CONCERN
Botrychium dissectum Spreng. f. *oneidense* (Gilbert) Clute

***rugulosum* W.H.Wagner**

St. Lawrence grape fern, rugulose grape fern, ternate grape fern
★ SPECIAL CONCERN
Botrychium multifidum (S.G.Gmel.) Rupr. f. *dentatum* R.M.Tryon
Botrychium ternatum auct. non (Thunb.) Sw.

***simplex* E.Hitchc.**

Least moonwort, little grape fern, small grape fern
Botrychium simplex E.Hitchc. var. *laxifolium* R.T.Clausen, non (R.T.Clausen) Fernald
Botrychium simplex E.Hitchc. var. *tenebrosum* (A.A.Eaton) R.T.Clausen

spathulatum W.H.Wagner

Spatulate moonwort, spoon-leaf moonwort

★ SPECIAL CONCERN

virginianum (L.) Sw.

Rattlesnake fern

Ophioglossum* L.pusillum* Raf.

Adder's-tongue, northern adder's-tongue

★ SPECIAL CONCERN

Ophioglossum vulgatum L. var. *pseudopodium* (S.F.Blake) Farw.◆ **OSMUNDACEAE—Royal Fern Family*****Osmunda* L.***cinnamomea* L.

Cinnamon fern

Osmunda cinnamomea L. f. *frondosa* (Torr. & A.Gray) Britton*Osmunda cinnamomea* L. f. *incisa* (Huntington) Gilbert*Osmunda cinnamomea* L. var. *glandulosa* Waters*claytoniana* L.

Interrupted fern

regalis L.var. *spectabilis* (Willd.) A.Gray

American royal fern, flowering fern, royal fern

◆ **POLYPODIACEAE—Polypody Family*****Polypodium* L.***virginianum* L.

Common polypody, rock-cap fern, rock polypody

Polypodium vulgare L. var. *virginianum* (L.) D.C.Eaton◆ **PTERIDACEAE—Maidenhair Fern Family*****Adiantum* L.***pedatum* L.

Maidenhair fern, northern maidenhair fern

Cheilanthes* Sw.feei* T.Moore

Slender lip fern

lanosa (Michx.) D.C.Eaton

Hairy lip fern, woolly lip fern

Cryptogramma* R.Br.stelleri* (S.G.Gmel.) Prantl

Slender cliff brake, fragile rock brake, Steller's rock brake

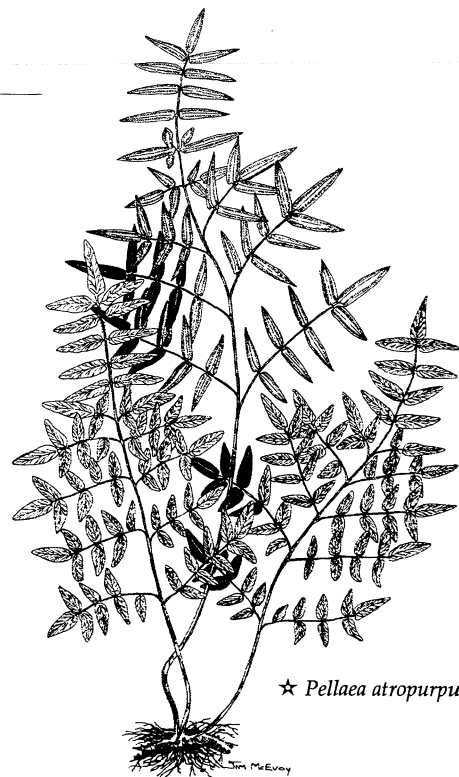
Pellaea* Linkatropurpurea* (L.) Link

Purple cliff brake, purple-stem cliff brake

★ SPECIAL CONCERN

glabella Mett. ex Kuhnsubsp. *glabella*

Dwarf cliff brake, smooth cliff brake

★ *Pellaea atropurpurea*

◆ SELAGINELLACEAE—Spike-moss Family

Selaginella P.Beauv.

eclipes W.R.Buck

Hidden spike-moss, northern meadow spike-moss

rupestris (L.) Spring

Dwarf spike-moss, northern selaginella, rock spike-moss

selaginoides (L.) P.Beauv. ex Mart. & Schrank

Club spike-moss, low spike-moss, northern spike-moss, rock spike-moss

☛ ENDANGERED

◆ THELYPTERIDACEAE—Marsh Fern Family

Phegopteris (C.Presl) Fée

connectilis (Michx.) Watt

Narrow beech fern, northern beech fern

Dryopteris phegopteris (L.) C.Chr.

Thelypteris phegopteris (L.) Sloss.

hexagonoptera (Michx.) Fée

Broad beech fern, southern beech fern

★ SPECIAL CONCERN

Dryopteris hexagonoptera (Michx.) C.Chr.

Thelypteris hexagonoptera (Michx.) Nieuwl.

Thelypteris Schmidel

palustris Schott

var. *pubescens* (Lawson) Fernald

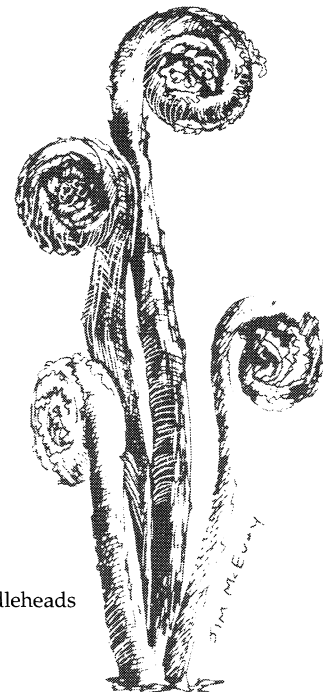
Eastern marsh fern, marsh fern

Dryopteris thelypteris (L.) A.Gray var. *pubescens* (G.Lawson) Weath.

simulata (Davenp.) Nieuwl.

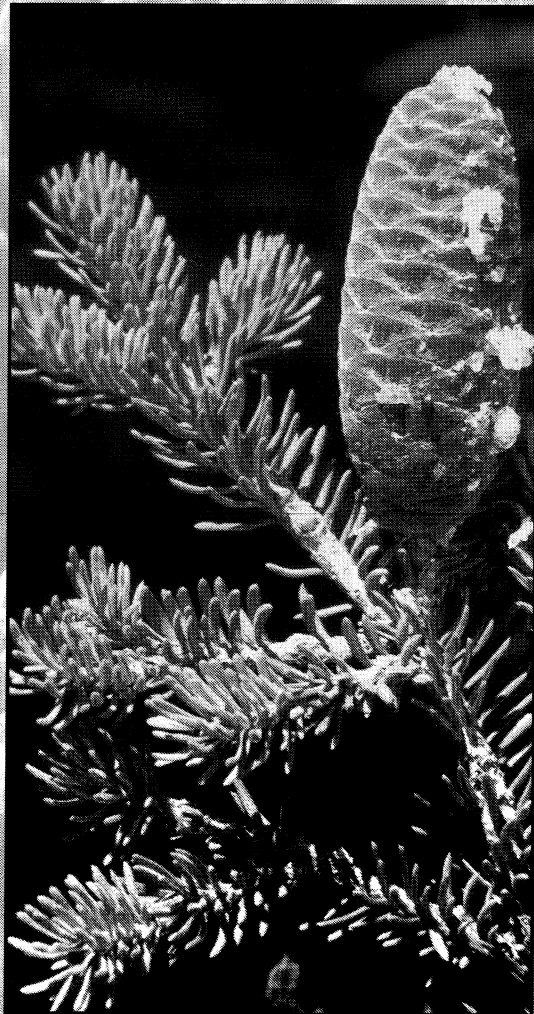
Bog fern, Massachusetts fern

★ SPECIAL CONCERN



fiddleheads

◆
GYMNOSPERMS



KITTY CO-HOUT

◆ CUPRESSACEAE—Cypress Family

Juniperus L.

communis L.

var. *depressa* Pursh

Common juniper

horizontalis Moench

Creeping juniper, trailing juniper

horizontalis Moench × *J. virginiana* L. var. *virginiana*

Juniperus virginiana L. var. *ambigens* Fassett (pro var.)

virginiana L.

var. *virginiana*

Eastern red-cedar

NATIVE - POTENTIALLY INVASIVE

Juniperus virginiana L. var. *crebra* Fernald & Griscom

Thuja L.

occidentalis L.

Eastern arborvitae, northern white-cedar

◆ PINACEAE—Pine Family

Abies Mill.

balsamea (L.) Mill.

Balsam fir, Canada balsam

Larix Mill.

laricina (Du Roi) K.Koch

Larch, tamarack

Picea A.Dietr.

abies (L.) H.Karst.

Norway spruce

INTRODUCED - PERSISTING AND SPREADING

glauca (Moench) Voss

White spruce

Picea canadensis (Mill.) Britton, Sterns & Poggenb.

glauca (Moench) Voss × *P. mariana* (Mill.) Britton, Sterns & Poggenb.

mariana (Mill.) Britton, Sterns & Poggenb.

Black spruce

Pinus L.

banksiana Lamb.

Jack pine

resinosa Aiton

Canadian pine, Norway pine, red pine

strobus L.

Eastern white pine

sylvestris L.

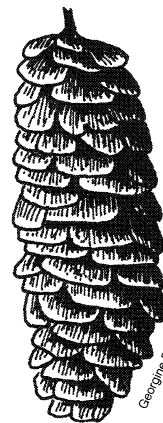
Scotch pine

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Tsuga (Endl.) Carrière

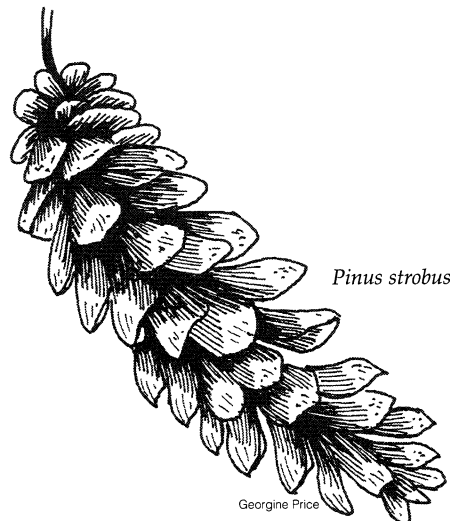
canadensis (L.) Carrière

Eastern hemlock, hemlock, northern hemlock



Picea glauca

Georgine Price



Pinus strobus

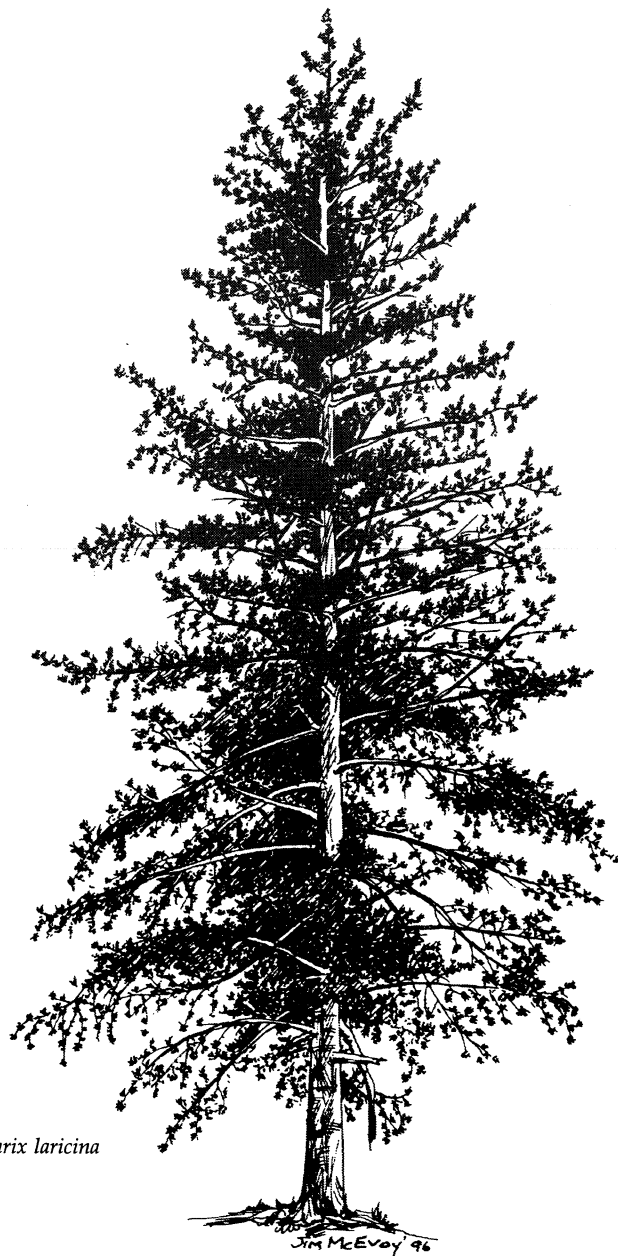
Georgine Price

◆ TAXACEAE—Yew Family

Taxus L.*canadensis* Marshall

American yew, Canadian yew, ground-hemlock

★ SPECIAL CONCERN

*Larix laricina*



◆
ANGIOSPERMS
DICOTYLEDONS



ROBERT H. READ



KITTY KOHOUT



KENNETH J. SYTSA

◆ ACANTHACEAE—Acanthus Family

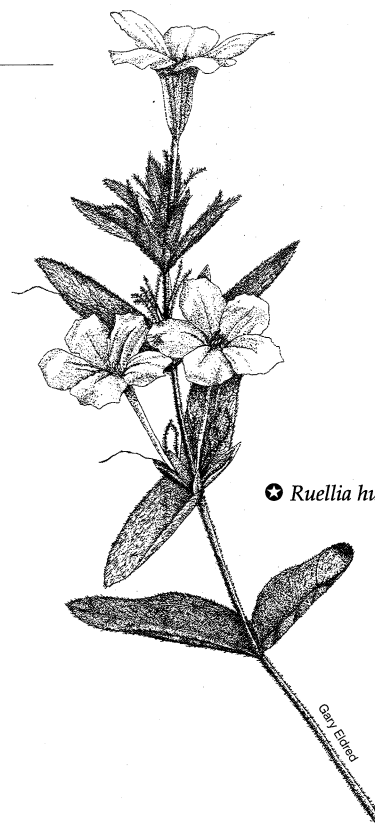
Ruellia L.

humilis Nutt.

Fringe-leaf ruellia, hairy ruellia, hairy wild petunia, wild petunia

⊕ ENDANGERED

Ruellia humilis Nutt. var. *expansa* Fernald



⊕ *Ruellia humilis*

Gary Elmer

◆ ACERACEAE—Maple Family

Acer L.

ginnala Maxim.

Amur maple

INTRODUCED - RARELY ESCAPED; ECOLOGICALLY INVASIVE

negundo L.

var. *interius* (Britton) Sarg.

Ash-leaved maple, box elder

var. *negundo*

Box elder

NATIVE - POTENTIALLY INVASIVE

var. *violaceum* (Kirchn.) H.Jaeger

Box elder

NATIVE - POTENTIALLY INVASIVE

nigrum F.Michx.

Black maple

Acer saccharum Marshall var. *nigrum* (F.Michx.) Britton

pensylvanicum L.

Goosefoot maple, moosewood, striped maple

★ SPECIAL CONCERN

platanoides L.

Norway maple

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

rubrum L.

var. *rubrum*

Red maple

saccharinum L.

Silver maple, soft maple

saccharum Marshall

♣ STATE TREE

var. *saccharum*

Hard maple, sugar maple

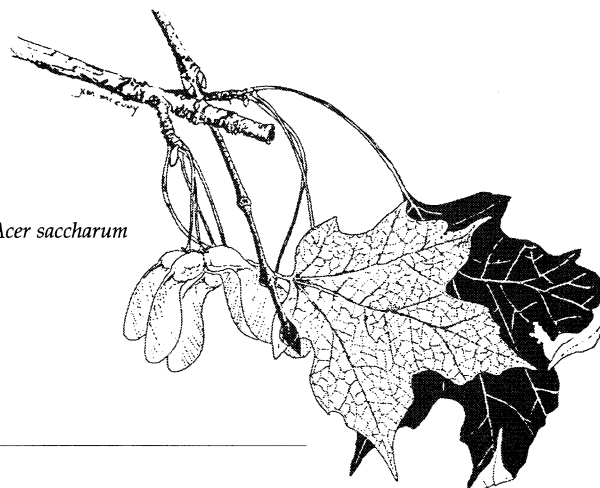
spicatum Lam.

Mountain maple

× *freemanii* E.Murray

Freeman's maple

= *Acer rubrum* L. × *A. saccharinum* L.



♣ *Acer saccharum*

◆ ADOXACEAE—Moschatel Family

Adoxa L.

moschatellina L.

Moschatel, musk-root

★ THREATENED

◆ **AIZOACEAE—Carpetweed, Fig-marigold Family*****Tetragonia* L.***tetragonioides* (Pall.) Kuntze

New Zealand spinach

INTRODUCED - ADVENTIVE

◆ **AMARANTHACEAE—Amaranth Family*****Amaranthus* L.***albus* L.

Prostrate pigweed, tumbleweed

albus L. × *A. blitoides* S.Watson

INTRODUCED - ADVENTIVE

arenicola I.M.Johnst.

Sand-hills amaranth

INTRODUCED - ADVENTIVE

blitoides S.Watson

Creeping amaranth, mat amaranth, prostrate pigweed

INTRODUCED - NATURALIZED

Amaranthus graecizans auct. non L.*caudatus* L.

Love-lies-bleeding

INTRODUCED - ESCAPED

caudatus L. × *A. hybridus* L.

INTRODUCED - ADVENTIVE

cruentus L.

Purple amaranth, red amaranth

INTRODUCED - ESCAPED

hybridus L.

Green amaranth, smooth pigweed

INTRODUCED - ADVENTIVE

hybridus L. × *A. retroflexus* L.

INTRODUCED - ADVENTIVE

hybridus L. × *A. rudis* J.D.Sauer

INTRODUCED - ADVENTIVE

hypochondriacus L.

Prince's-feather, Prince-of-Wales'-feather

INTRODUCED - ESCAPED

powellii S.Watson

Powell's amaranth, tall amaranth

INTRODUCED - NATURALIZED

powellii S.Watson × *A. retroflexus* L.

INTRODUCED - ADVENTIVE

powellii S.Watson × *A. tuberculatus* (Moq.) J.D.Sauer

INTRODUCED - ADVENTIVE

retroflexus L.

Pigweed, redroot, rough amaranth, rough pigweed

retroflexus L. × *A. tuberculatus* (Moq.) J.D.Sauer*rudis* J.D.Sauer

Tall amaranth, water-hemp

Acnida tamariscina (Nutt.) A.W.Wood*Amaranthus tamariscinus* Nutt.

spinosus L.

Spiny amaranth, thorny amaranth
INTRODUCED - ADVENTIVE

tuberculatus (Moq.) J.D.Sauer

Rough-fruited amaranth, tall water-hemp
Acnida altissima (Riddell) Moq. ex Standl.
Acnida altissima (Riddell) Moq. ex Standl. var. *prostrata* (Uline & W.L.Bray) Fernald
Acnida altissima (Riddell) Moq. ex Standl. var. *subnuda* (S.Watson) Fernald
Acnida tuberculata Moq. var. *prostrata* (Uline & W.L.Bray) B.L.Rob.
Acnida tuberculata Moq. var. *subnuda* S.Watson

Celosia L.

argentea L.

Silver cock's-comb
INTRODUCED - ESCAPED

Froelichia Moench

floridana (Nutt.) Moq.

var. *campestris* (Small) Fernald
Large cotton-weed, plains snake-cotton

gracilis (Hook.) Moq.

Cotton-weed, slender cotton-weed, slender snake-cotton, small cotton-weed
INTRODUCED - ADVENTIVE

◆ **ANACARDIACEAE—Cashew, Sumac Family**

Rhus L.

aromatica Aiton

★ SPECIAL CONCERN

var. **aromatica**

Fragrant sumac, squaw-bush
Rhus aromatica Aiton var. *illinoensis* (Greene) Rehder

var. **serotina (Greene) Rehder**

Fragrant sumac, squaw-bush
Rhus trilobata Nutt., sensu Fassett (1940)

copallina L.

Dwarf sumac, flame-leaf sumac, shining sumac
Rhus copallina L. var. *latifolia* Engl.

glabra L.

Smooth sumac
NATIVE - POTENTIALLY INVASIVE

hirta (L.) Sudw.

Staghorn sumac, velvet sumac
NATIVE - POTENTIALLY INVASIVE

Rhus typhina L.

Rhus typhina L. f. *dissecta* Rehder

× **pulvinata Greene (pro sp.)**

Hybrid sumac, northern sumac, pulvinate sumac
= *Rhus glabra* L. × *R. hirta* (L.) Sudw.

Rhus glabra L. var. *borealis* Britton

Rhus × *borealis* (Britton) Gleason (emended)

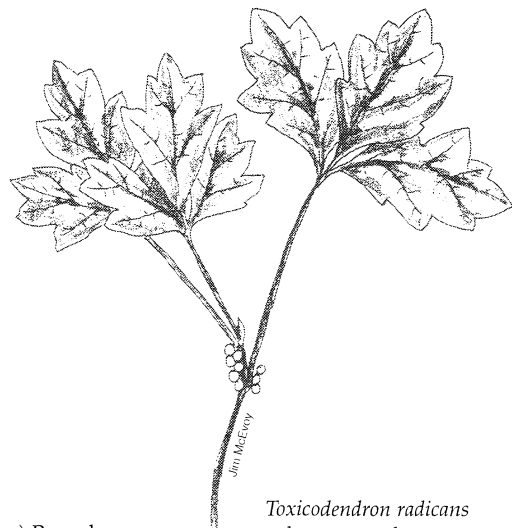
Toxicodendron Mill.

radicans (L.) Kuntze

Rhus radicans L.

subsp. **negundo (Greene) Gillis**

Common eastern poison-ivy, poison-ivy
Toxicodendron radicans (L.) Kuntze var. *negundo* (Greene) Reveal



Toxicodendron radicans
subsp. *negundo*

***rydbergii* (Small ex Rydb.) Greene**

Rydberg's poison-ivy, western poison-ivy

NATIVE - POTENTIALLY INVASIVE

Rhus radicans L. var. *rydbergii* (Small ex Rydb.) Rehder***vernix* (L.) Kuntze**

Poison sumac, swamp sumac

Rhus vernix L.◆ **APIACEAE—Carrot Family*****Aegopodium* L.*****podagraria* L.**

Bishop's gout-weed, gout-weed

INTRODUCED - ESCAPED; ECOLOGICALLY INVASIVE

Aethusa* L.**cynapium* L.**

Fool's-parsley

INTRODUCED - ADVENTIVE

Anethum* L.**graveolens* L.**

Dill

INTRODUCED - ADVENTIVE

Angelica* L.**atropurpurea* L.****var. *atropurpurea***

Common great angelica, great angelica, purple-stem angelica

var. *occidentalis* Fassett

Purple-stem angelica, western great angelica

Anthriscus* Pers.**sylvestris* (L.) Hoffm.**

Wild chervil

INTRODUCED - ADVENTIVE

Berula* Bess. ex W.D.J.Koch**erecta* (Huds.) Coville**

Cut-leaved water-parsnip, low water-parsnip

Berula pusilla (Nutt. ex Torr. & A.Gray) Fernald***Carum* L.*****carvi* L.**

Caraway

INTRODUCED - ESCAPED

Chaerophyllum* L.**procumbens* (L.) Crantz**

Spreading chervil, wild chervil

★ SPECIAL CONCERN

Cicuta* L.**bulbifera* L.**

Bulblet water-hemlock

***maculata* L.**

Common water-hemlock, spotted water-hemlock

Conioselinum Hoffm.

- chinense* (L.) Britton, Sterns & Poggenb.
Chinese hemlock-parsley, hemlock-parsley
✱ ENDANGERED

Conium L.

- maculatum* L.
Poison-hemlock
INTRODUCED - ADVENTIVE; POTENTIALLY INVASIVE

Cryptotaenia DC.

- canadensis* (L.) DC.
Canadian honewort, white chervil

Daucus L.

- carota* L.
Queen Anne's-lace, wild carrot
INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Erigenia Nutt.

- bulbosa* (Michx.) Nutt.
Harbinger-of-spring
✱ ENDANGERED

Eryngium L.

- planum* L.
Plains eryngo
INTRODUCED - RARELY ESCAPED
yuccifolium Michx.
Button eryngo, rattlesnake-master

Falcaria Fabr.

- vulgaris* Bernh.
Sickle-weed
INTRODUCED - ADVENTIVE
Falcaria sioides (Wibel) Asch.

Foeniculum Mill.

- vulgare* Mill.
Sweet fennel
INTRODUCED - ESCAPED

Heracleum L.

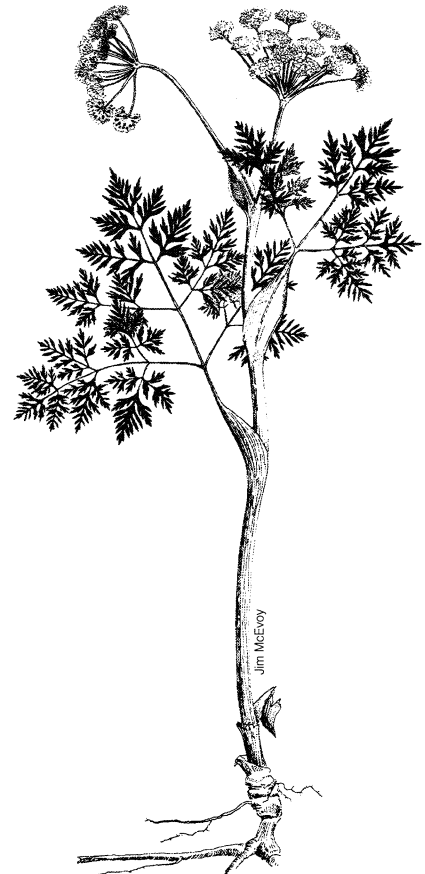
- lanatum* Michx.
American cow-parsnip
Heracleum maximum W.Bartram
Heracleum sphondylium L. subsp. *montanum* (Schleich. ex Gaudin) Briq.

Hydrocotyle L.

- americana* L.
American marsh pennywort, marsh pennywort

Osmorhiza Raf.

- berteroi* DC.
Chilean sweet cicely, tapering sweet-root
Osmorhiza chilensis Hook. & Arn.
✱ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR
claytonii (Michx.) C.B.Clarke
Bland sweet cicely, Clayton's sweet-root, hairy sweet cicely
longistylis (Torr.) DC.
Anise-root, long-styled sweet cicely, long-styled sweet-root, smooth sweet cicely



✱ *Conioselinum chinense*

Oxypolis* Raf.rigidior* (L.) Raf.

Common water-dropwort, stiff cowbane

Pastinaca* L.sativa* L.

Wild parsnip

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Pimpinella* L.saxifraga* L.

Solid-stem burnet-saxifrage

INTRODUCED - LOCALLY ESTABLISHED

Polytaenia* DC.nuttallii* DC.

Nuttall's prairie-parsley, prairie-parsley

★ THREATENED

Sanicula* L.canadensis* L.

Canadian black snakeroot, Canadian sanicle

Sanicula canadensis L. var. *grandis* Fernald*gregaria* E.P.Bicknell

Clustered black snakeroot

Sanicula odorata (Raf.) K.M.Pryer & L.R.Phillippe*marilandica* L.

Black snakeroot, Maryland sanicle

trifoliata E.P.Bicknell

Beaked sanicle, large-fruited black snakeroot

Sium* L.suave* Walter

Hemlock water-parsnip, water-parsnip

Taenidia* (Torr. & A.Gray) Drudeintegerrima* (L.) Drude

Yellow-pimpernel

Thaspium* Nutt.barbinode* (Michx.) Nutt.

Hairy meadow-parsnip, hairy-jointed meadow-parsnip

✪ ENDANGERED

trifoliatum (L.) A.Grayvar. *flavum* S.F.Blake

Purple meadow-parsnip, smooth meadow-parsnip

★ SPECIAL CONCERN

Thaspium trifoliatum (L.) A.Gray var. *aureum* (L.) Britton***Torilis* Adans.***japonica* (Houtt.) DC.

Erect hedge-parsley, Japanese hedge-parsley

INTRODUCED - LOCALLY ESTABLISHED; ECOLOGICALLY INVASIVE

Zizia* W.D.J.Kochaptera* (A.Gray) Fernald

Heart-leaved golden alexanders, heart-leaved meadow-parsnip

Zizia aptera (A.Gray) Fernald var. *occidentalis* Fernald*aurea* (L.) W.D.J.Koch

Common golden alexanders, golden alexanders, golden zizia

★ *Polytaenia nuttallii*

◆ APOCYNACEAE—Dogbane Family

Apocynum L.

androsaemifolium L.

Spreading dogbane

Apocynum androsaemifolium L. subsp. *androsaemifolium* var. *incanum* A.DC.

cannabinum L.

Hemp-dogbane, Indian hemp

Apocynum cannabinum L. var. *pubescens* (Mitch. ex R.Br.) A.DC.

sibiricum Jacq.

Clasping dogbane, Indian hemp

Apocynum cannabinum L. var. *hypericifolium* (Aiton) A.Gray

Apocynum sibiricum Jacq. var. *cordigerum* (Greene) Fernald

× *floribundum* Greene (pro sp.)

Hybrid dogbane, intermediate dogbane

= *Apocynum androsaemifolium* L. × either *A. cannabinum* L. or *A. sibiricum* Jacq.

Apocynum medium Greene

Vinca L.

minor L.

Greater periwinkle, periwinkle, running-myrtle

INTRODUCED - PERSISTING AND SPREADING; ECOLOGICALLY INVASIVE

◆ AQUIFOLIACEAE—Holly Family

Ilex L.

mucronata (L.) M.Powell, V.Savolainen & S.Andrews

Cat-berry, mountain holly

Nemopanthus mucronatus (L.) Loes.

verticillata (L.) A.Gray

Common winterberry

Ilex verticillata (L.) A.Gray var. *padifolia* (Willd.) Torr. & A.Gray ex S.Watson

Ilex verticillata (L.) A.Gray var. *tenuifolia* (Torr.) S.Watson

◆ ARALIACEAE—Ginseng Family

Aralia L.

elata (Miq.) Seem.

Hercules'-club

INTRODUCED - PERSISTING AND SPREADING

Aralia spinosa auct. non L.

hispida Vent.

Bristly sarsaparilla

nudicaulis L.

Wild sarsaparilla

racemosa L.

American spikenard, life-of-man

Panax L.

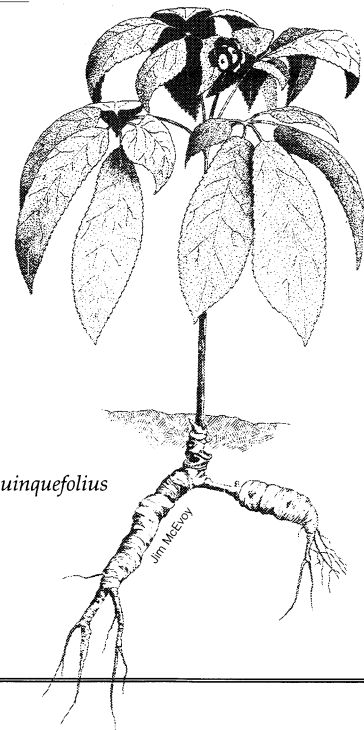
quinquefolius L.

American ginseng, ginseng

★ SPECIAL CONCERN

trifolius L.

Dwarf ginseng, groundnut



★ *Panax quinquefolius*

◆ **ARISTOLOCHIACEAE—Birthwort Family**

***Asarum* L.**

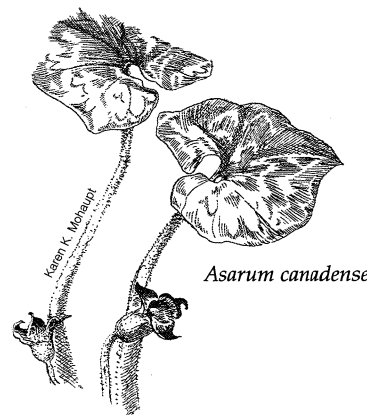
***canadense* L.**

Canadian wild-ginger, wild-ginger

Asarum canadense L. var. *acuminatum* Ashe

Asarum canadense L. var. *acuminatum* Ashe f. *prattii* Fassett

Asarum canadense L. var. *reflexum* (E.P.Bicknell) B.L.Rob.



Asarum canadense

◆ **ASCLEPIADACEAE—Milkweed Family**

***Asclepias* L.**

***amplexicaulis* Sm.**

Clasping milkweed, sand milkweed

***exaltata* L.**

Poke milkweed, tall milkweed

***hirtella* (Pennell) Woodson**

Prairie milkweed, tall green milkweed

***incarnata* L.**

subsp. *incarnata*

Swamp milkweed

***lanuginosa* Nutt.**

Side-cluster milkweed, woolly milkweed

★ THREATENED

***meadii* Torr. ex A.Gray**

Mead's milkweed

♣ EXTIRPATED

***ovalifolia* Decne.**

Dwarf milkweed, oval milkweed, oval-leaved milkweed

★ THREATENED

***purpurascens* L.**

Purple milkweed

⊕ ENDANGERED

***speciosa* Torr.**

Showy milkweed

INTRODUCED - ADVENTIVE

***sullivantii* Engelm. ex A.Gray**

Prairie milkweed, smooth milkweed, Sullivant's milkweed

★ THREATENED

***syriaca* L.**

Common milkweed, silkweed

Asclepias syriaca L. var. *kansana* (Vail) E.J.Palmer & Steyererm.

***tuberosa* L.**

subsp. *interior* Woodson

Butterfly milkweed, butterfly-weed, orange milkweed

Asclepias tuberosa L. subsp. *terminalis* Woodson

Asclepias tuberosa L. var. *interior* (Woodson) Shinnery

***verticillata* L.**

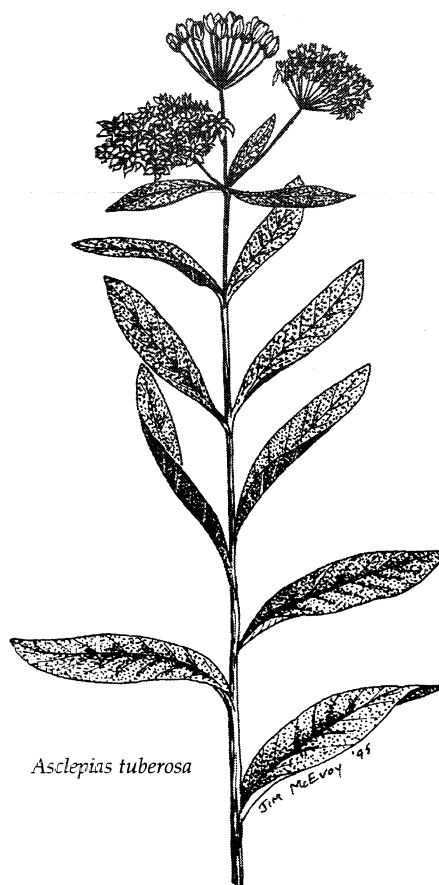
Whorled milkweed

***viridiflora* Raf.**

Short green milkweed

Asclepias viridiflora Raf. var. *lanceolata* (Ives) Torr.

Asclepias viridiflora Raf. var. *linearis* (A.Gray) Fernald



Asclepias tuberosa

Vincetoxicum Wolf

nigrum (L.) Moench

Black swallow-wort

INTRODUCED - LOCALLY ESTABLISHED; ECOLOGICALLY INVASIVE

Cynanchum louiseae Kartesz & Gandhi

Cynanchum nigrum (L.) Pers.

◆ **ASTERACEAE—Aster Family**

Achillea L.

millefolium L.

subsp. lanulosa (Nutt.) Piper

Common yarrow, milfoil

NATIVE - POTENTIALLY INVASIVE

Achillea lanulosa Nutt. f. *peroutkyi* F.C.Seymour

Achillea millefolium L. subsp. *lanulosa* (Nutt.) Piper f. *rubicunda* Farw.

Achillea millefolium L. var. *occidentalis* DC.

subsp. millefolium

Common yarrow, milfoil

INTRODUCED - ADVENTIVE

ptarmica L.

Sneezeweed, sneezewort

INTRODUCED - ESCAPED

Ambrosia L.

artemisiifolia L.

Annual bur-sage, common ragweed, short ragweed

Ambrosia artemisiifolia L. var. *elatior* (L.) Descourt.

psilostachya DC.

Perennial ragweed, western ragweed

Ambrosia coronopifolia Torr. & A.Gray

Ambrosia psilostachya DC. var. *coronopifolia* (Torr. & A.Gray) Farw. ex Fernald

tomentosa Nutt.

Bur ragweed, skeleton-leaf bur ragweed, skeleton-leaf bur-sage

INTRODUCED - ADVENTIVE

Franseria discolor Nutt.

trifida L.

var. trifida

Giant ragweed, great ragweed, horse-cane

NATIVE - POTENTIALLY INVASIVE

× **intergradiens W.H.Wagner**

Intergrading ragweed

= *Ambrosia artemisiifolia* L. × *A. psilostachya* DC.

Anaphalis DC.

margaritacea (L.) Benth. & Hook.f.

Pearly everlasting, western pearly everlasting

Antennaria Gaertn.

howellii Greene

subsp. canadensis (Greene) R.J.Bayer

Canadian pussy-toes, Howell's pussy-toes

Antennaria canadensis Greene

Antennaria neglecta Greene var. *canadensis* (Greene) Cronquist

Antennaria neodioica Greene subsp. *canadensis* (Greene) R.J.Bayer & Stebbins

subsp. neodioica (Greene) R.J.Bayer

Field pussy-toes, Howell's pussy-toes

Antennaria neglecta Greene var. *neodioica* (Greene) Cronquist

Antennaria neodioica Greene

subsp. *petaloidea* (Fernald) R.J.Bayer

Howell's pussy-toes, small pussy-toes

Antennaria neglecta Greene var. *petaloidea* (Fernald) Cronquist*Antennaria neodioica* Greene subsp. *petaloidea* (Fernald) R.J.Bayer & Stebbins*Antennaria petaloidea* Fernald***neglecta* Greene**

Cat's-foot, field pussy-toes

Antennaria neglecta Greene var. *campestris* (Rydb.) Steyererm.***parlinii* Fernald****subsp. *fallax* (Greene) R.J.Bayer & Stebbins**

Parlin's pussy-toes, plantain pussy-toes

Antennaria fallax Greene*Antennaria farwellii* Greene*Antennaria munda* Fernald*Antennaria plantaginifolia* (L.) Richardson var. *ambigens* (Greene) Cronquist**subsp. *parlinii***

Parlin's pussy-toes, plantain pussy-toes

Antennaria plantaginifolia (L.) Richardson var. *parlinii* (Fernald) Cronquist***plantaginifolia* (L.) Richardson**

Plantain pussy-toes, plantain-leaved pussy-toes, woman's-tobacco

Anthemis* L.**arvensis* L.**

Corn chamomile

INTRODUCED - NATURALIZED

Anthemis arvensis L. var. *agrestis* (Wallr.) DC.***cotula* L.**

Dog-fennel, mayweed, stinking chamomile, stinking-cotula

INTRODUCED - NATURALIZED

***tinctoria* L.**

Golden marguerite, yellow cotula, yellow chamomile

INTRODUCED - ESCAPED

Arctium* L.**lappa* L.**

Great burdock

INTRODUCED - LOCALLY ESTABLISHED

***minus* Bernh.**

Common burdock, lesser burdock

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Arctium minus Bernh. f. *laciniatum* Clute***tomentosum* Mill.**

Cotton burdock, hairy burdock, woolly burdock

INTRODUCED - LOCALLY ESTABLISHED

Arnoglossum* Raf.**atriplicifolium* (L.) H.Rob.**

Pale Indian-plantain

Cacalia atriplicifolia L.***plantagineum* Raf.**

Prairie Indian-plantain

Cacalia plantaginea (Raf.) Shinnars*Cacalia tuberosa* Nutt.

★ THREATENED - LISTED UNDER THIS SYNONYM BY THE DNR

***reniforme* (Hook.) H.Rob.**

Great Indian-plantain, Muhlenberg's cacalia

Cacalia muhlenbergii (Sch.Bip.) Fernald

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

Artemisia L.

absinthium L.

Absinth sage-wort, absinth wormwood, absinthe, common wormwood, sage-wort
INTRODUCED - ESCAPED

annua L.

Annual sage-wort, sweet wormwood
INTRODUCED - ADVENTIVE

biennis Willd.

Biennial sage-wort, biennial wormwood
INTRODUCED - NATURALIZED

campestris L.

subsp. caudata (Michx.) H.M.Hall & Clem.

Field sage-wort, field wormwood
Artemisia caudata Michx.
Artemisia caudata Michx. var. *calvens* Lunell
Artemisia forwoodii S.Watson

dracunculus L.

Dragon sage-wort, dragon wormwood, estragon, false tarragon
★ SPECIAL CONCERN
Artemisia dracunculoides Pursh
Artemisia dracunculus L. subsp. *glauca* (Pall. ex Willd.) H.M.Hall & Clem.

frigida Willd.

Fringed sage-wort, prairie sagebrush, prairie sage-wort
★ SPECIAL CONCERN

ludoviciana Nutt.

subsp. ludoviciana

Louisiana sage-wort, western mugwort, white sage
Artemisia ludoviciana Nutt. var. *gnaphalodes* (Nutt.) Torr. & A.Gray
Artemisia ludoviciana Nutt. var. *latifolia* (Besser) Torr. & A.Gray

pontica L.

Roman wormwood
INTRODUCED - ADVENTIVE

serrata Nutt.

Saw-leaf mugwort, saw-toothed sagebrush, saw-tooth wormwood, toothed sage

stelleriana Besser

Beach sage-wort, beach wormwood, dusty-miller sage-wort
INTRODUCED - ADVENTIVE

vulgaris L.

Common wormwood, mugwort, sage-wort
INTRODUCED - ESCAPED

Aster L.

borealis (Torr. & A.Gray) Prov.

Northern bog aster, rush aster
Aster junciformis Rydb.
Aster laxifolius Nees var. *laetiflorus* Torr. & A.Gray
Symphotrichum boreale (Torr. & A.Gray) A.Löve & D.Löve

borealis (Torr. & A.Gray) Prov. × A. firmus Nees

borealis (Torr. & A.Gray) Prov. × A. fragilis Willd.

borealis (Torr. & A.Gray) Prov. × A. hesperius A.Gray

borealis (Torr. & A.Gray) Prov. × A. laevis L.

borealis (Torr. & A.Gray) Prov. × A. lanceolatus Willd. var. simplex (Willd.) A.G.Jones

borealis (Torr. & A.Gray) Prov. × A. pilosus Willd.

borealis (Torr. & A.Gray) Prov. × A. pilosus Willd. var. pringlei (A.Gray) S.F.Blake

borealis (Torr. & A.Gray) Prov. × A. praealtus Poir.



Artemisia campestris

Jim McEvoy

***ciliolatus* Lindl.**

Lindley's aster, northern heart-leaved aster

Aster lindleyanus Torr. & A.Gray*Symphiotrichum ciliolatum* (Lindl.) A.Löve & D.Löve***ciliolatus* Lindl. × *A. cordifolius* L.*****ciliolatus* Lindl. × *A. drummondii* Lindl.*****ciliolatus* Lindl. × *A. laevis* L.*****ciliolatus* Lindl. × *A. lateriflorus* (L.) Britton*****ciliolatus* Lindl. × *A. sagittifolius* Wedem. ex Willd.*****cordifolius* L.**

Common blue heart-leaved aster, common blue wood aster

Aster finkii Rydb. var. *moratus* Shinnars*Symphiotrichum cordifolium* (L.) G.L.Nesom***cordifolius* L. × *A. drummondii* Lindl.*****cordifolius* L. × *A. lateriflorus* (L.) Britton*****cordifolius* L. × *A. sagittifolius* Wedem. ex Willd.*****drummondii* Lindl.**

Drummond's aster, hairy heart-leaved aster

Aster sagittifolius Wedem. ex Willd. var. *drummondii* (Lindl.) Shinnars*Symphiotrichum drummondii* (Lindl.) G.L.Nesom*Symphiotrichum drummondii* (Lindl.) G.L.Nesom var. *drummondii****drummondii* Lindl. × *A. sagittifolius* Wedem. ex Willd.*****dumosus* L.****var. *strictior* Torr. & A.Gray**

Bushy aster, long-stalked aster, rice-button aster

★ SPECIAL CONCERN

var. *strictior* Torr. & A.Gray × *A. lanceolatus* Willd. var. *interior* (Wiegand) A.G.Jones***ericoides* L.****var. *ericoides***

Heath aster, squarrose white aster, white prairie aster

Aster ericoides L. f. *caeruleus* (Benke) S.F.Blake*Aster ericoides* L. f. *gramsii* Benke*Symphiotrichum ericoides* (L.) G.L.Nesom*Symphiotrichum ericoides* (L.) G.L.Nesom var. *ericoides***var. *prostratus* (Kuntze) S.F.Blake**

Prostrate heath aster

Symphiotrichum ericoides (L.) G.L.Nesom var. *prostratum* (Kuntze) G.L.Nesom***ericoides* L. × *A. sericeus* Vent.*****falcatus* Lindl.****var. *commutatus* (Torr. & A.Gray) A.G.Jones**

Cluster aster, white prairie aster

Aster commutatus (Torr. & A.Gray) A.Gray*Symphiotrichum falcatum* (Lindl.) G.L.Nesom var. *commutatum* (Torr. & A.Gray) G.L.Nesom***firmus* Nees**

Shining aster, shiny-leaved aster

Aster lucidulus (A.Gray) Wiegand*Aster lucidulus* (A.Gray) Wiegand f. *albiflorus* (R.Hoffm.) Benke*Aster puniceus* L. subsp. *firmus* (Nees) A.G.Jones*Aster puniceus* L. var. *firmus* (Nees) Torr. & A.Gray***firmus* Nees × *A. hesperius* A.Gray*****firmus* Nees × *A. lanceolatus* Willd.*****firmus* Nees × *A. lanceolatus* Willd. var. *simplex* (Willd.) A.G.Jones*****firmus* Nees × *A. longifolius* Lam.*****firmus* Nees × *A. praealtus* Poir.**

fragilis Willd.

var. *subdumosus* (Wiegand) A.G.Jones

Fragile-stemmed aster

★ SPECIAL CONCERN

Aster vimineus Lam. var. *subdumosus* Wiegand

***furcatus* E.S.Burgess**

Forked aster, midwestern white heart-leaved aster

★ THREATENED

Aster furcatus E.S.Burgess f. *elaciniatus* (Benke) Shinnery

Aster furcatus E.S.Burgess f. *erythraetis* Benke

Eurybia furcatus (E.S.Burgess) G.L.Nesom

***hesperius* A.Gray**

Western lined aster

Aster lanceolatus Willd. subsp. *hesperius* (A.Gray) Semple & Chmiel.

Symphotrichum lanceolatum (Willd.) G.L.Nesom subsp. *hesperium* (A.Gray) G.L.Nesom var. *hesperium*

***hesperius* A.Gray × *A. laevis* L.**

***hesperius* A.Gray × *A. lanceolatus* Willd. var. *simplex* (Willd.) A.G.Jones**

***laevis* L.**

var. *laevis*

Smooth aster, smooth blue aster

Aster laevis L. f. *latifolius* (Porter) Shinnery

Aster laevis L. f. *purpurascens* (Farw.) Shinnery

Symphotrichum laeve (L.) A.Löve & D.Löve var. *laeve*

***laevis* L. × *A. lanceolatus* Willd.**

***laevis* L. × *A. lateriflorus* (L.) Britton**

***laevis* L. × *A. oolentangiensis* Riddell**

***laevis* L. × *A. pilosus* Willd.**

***laevis* L. × *A. puniceus* L.**

***lanceolatus* Willd.**

var. *interior* (Wiegand) A.G.Jones

Inland paniced aster, paniced aster, white panicle aster

Aster lanceolatus Willd. subsp. *interior* (Wiegand) A.G.Jones

Aster lanceolatus Willd. subsp. *lanceolatus* var. *interior* (Wiegand) Semple & Chmiel.

Aster simplex Willd. var. *interior* (Wiegand) Cronquist

Symphotrichum lanceolatum (Willd.) G.L.Nesom subsp. *lanceolatum* var. *interior* (Wiegand) G.L.Nesom

var. *interior* (Wiegand) A.G.Jones × *lanceolatus* Willd. var. *simplex* (Willd.) A.G.Jones

var. *interior* (Wiegand) A.G.Jones × *A. ontarionis* Wiegand

var. *lanceolatus*

Eastern lined aster, marsh aster, paniced aster, white panicle aster

Aster paniculatus Lam.

Aster simplex Willd. var. *ramosissimus* (Torr. & A.Gray) Cronquist

Symphotrichum lanceolatum (Willd.) G.L.Nesom subsp. *lanceolatum* var. *lanceolatum*

var. *simplex* (Willd.) A.G.Jones

Branched paniced aster, paniced aster, white panicle aster

Aster lanceolatus Willd. subsp. *simplex* (Willd.) A.G.Jones

Aster paniculatus Lam. var. *simplex* (Willd.) E.S.Burgess

Aster simplex Willd.

var. *simplex* (Willd.) A.G.Jones × *A. ontarionis* Wiegand

var. *simplex* (Willd.) A.G.Jones × *A. pilosus* Willd.

var. *simplex* (Willd.) A.G.Jones × *A. praealtus* Poir. var. *coerulescens* (DC.) A.G.Jones

var. *simplex* (Willd.) A.G.Jones × *A. prenanthoides* Muhl. ex Willd.

var. *simplex* (Willd.) A.G.Jones × *A. puniceus* L.

***lanceolatus* Willd. × *A. lateriflorus* (L.) Britton**

***lanceolatus* Willd. × *A. pilosus* Willd.**

***lanceolatus* Willd. × *A. puniceus* L.**

***lanceolatus* Willd. × *A. sagittifolius* Wedem. ex Willd.**

lateriflorus (L.) Britton**var. hirsuticaulis (Lindl. ex DC.) Porter**

Calico aster, goblet aster, side-flowering aster

Aster tradescantii L.*Symphotrichum lateriflorum* (L.) A.Löve & D.Löve var. *hirsuticaule* (Lindl. ex DC.) G.L.Nesom**var. horizontalis (Desf.) Farw.**

Calico aster, goblet aster, side-flowering aster

Aster lateriflorus (L.) Britton var. *pendulus* (Aiton) E.S.Burgess*Symphotrichum lateriflorum* (L.) A.Löve & D.Löve var. *horizontale* (Desf.) G.L.Nesom**var. lateriflorus**

Calico aster, goblet aster, side-flowering aster

Aster vimineus Lam.*Symphotrichum lateriflorum* (L.) A.Löve & D.Löve var. *lateriflorum***lateriflorus (L.) Britton × A. ontarionis Wiegand****lateriflorus (L.) Britton × A. oolentangiensis Riddell****lateriflorus (L.) Britton × A. puniceus L.****lateriflorus (L.) Britton × A. sagittifolius Wedem. ex Willd.****linariifolius L.**

Flax-leaved aster, stiff aster

Aster linariifolius L. f. *leucactis* Benke*Ionactis linariifolia* (L.) Greene**longifolius Lam.**

Long-leaved aster, long-leaved blue aster

★ SPECIAL CONCERN

macrophyllus L.

Big-leaved aster, large-leaved aster

Aster macrophyllus L. f. *eglandulosus* Shinnery*Aster macrophyllus* L. var. *excelsior* E.S.Burgess*Aster macrophyllus* L. var. *inthinus* (E.S.Burgess) Fernald*Aster macrophyllus* L. var. *pinguifolius* E.S.Burgess*Aster macrophyllus* L. var. *sejunctus* E.S.Burgess*Aster macrophyllus* L. var. *velutinus* E.S.Burgess*Eurybia macrophylla* (L.) Cass.**novae-angliae L.**

New England aster

Aster novae-angliae L. f. *geneseensis* House*Aster novae-angliae* L. f. *rosarius* House*Symphotrichum novae-angliae* (L.) G.L.Nesom**oblongifolius Nutt.**

Aromatic aster

Aster kumleinii Fr. ex A.Gray f. *roseoligulatus* Benke*Aster oblongifolius* Nutt. var. *angustatus* Shinnery*Symphotrichum oblongifolium* (Nutt.) G.L.Nesom**ontarionis Wiegand**

Bottomland aster, Ontario aster

Aster pantotrichus S.F.Blake*Symphotrichum ontarione* (Wiegand) G.L.Nesom**oolentangiensis Riddell**

Azure aster, prairie heart-leaved aster, sky-blue aster

Aster azureus Lindl.*Aster azureus* Lindl. f. *incarnatus* Farw.*Symphotrichum oolentangiense* (Riddell) G.L.Nesom**pilosus Willd.****var. pilosus**

Awl aster, frost aster, hairy aster, white old-field aster

Aster pilosus Willd. var. *platyphyllus* (Torr. & A.Gray) S.F.Blake*Aster pilosus* Willd. f. *pulchellus* Benke*Symphotrichum pilosum* (Willd.) G.L.Nesom var. *pilosum*

var. *pringlei* (A.Gray) S.F.Blake

Awl aster, frost aster, hairy aster, Pringle's aster, white old-field aster

Aster pilosus Willd. var. *demotus* S.F.Blake

Symphotrichum pilosum (Willd.) G.L.Nesom var. *pringlei* (A.Gray) G.L.Nesom

***pilosus* Willd. × *A. sagittifolius* Wedem. ex Willd.**

***praealtus* Poir.**

var. *angustior* Wiegand

Veiny lined aster, willow aster, willow-leaved aster

Aster praealtus Poir. var. *subasper* (Lindl.) Wiegand

Symphotrichum praealtum (Poir.) G.L.Nesom var. *angustior* (Wiegand) G.L.Nesom

var. *coerulescens* (DC.) A.G.Jones

Veiny lined aster, willow aster, willow-leaved aster

Aster coerulescens DC.

***praealtus* Poir. × *A. puniceus* L.**

***prenanthoides* Muhl. ex Willd.**

Crooked aster, crooked-stem aster, zigzag aster

Aster prenanthoides Muhl. ex Willd. f. *milwaukeeensis* Benke

Symphotrichum prenanthoides (Muhl. ex Willd.) G.L.Nesom

***puniceus* L.**

Bristly aster, purple-stem aster, swamp aster

Aster puniceus L. f. *albiflorus* (Farw.) Shinnery

Aster puniceus L. f. *colbyi* (Benke) Shinnery

Aster puniceus L. f. *glabratus* Shinnery

Symphotrichum puniceum (L.) A.Löve & D.Löve

***sagittifolius* Wedem. ex Willd.**

Arrow-leaved aster

Aster cordifolius L. var. *sagittifolius* (Wedem. ex Willd.) A.G.Jones

Aster sagittifolius Wedem. ex Willd. f. *hirtellus* (Lindl. ex DC.) Shinnery

Aster urophyllus Lindl.

***sericeus* Vent.**

Silky aster, western silvery aster

Aster sericeus Vent. f. *albiligulatus* Fassett

Symphotrichum sericeum (Vent.) G.L.Nesom

***shortii* Lindl.**

Midwestern blue heart-leaved aster, Short's aster

Aster shortii Lindl. f. *asper* Shinnery

Aster shortii Lindl. f. *candidus* Benke

Aster shortii Lindl. f. *gronemanni* Benke

Symphotrichum shortii (Lindl.) G.L.Nesom

***umbellatus* Mill.**

var. *pubens* A.Gray

Hairy flat-top aster, parasol aster

Aster pubentior Cronquist

Aster umbellatus Mill. var. *latifolius* A.Gray

Doellingeria sericocarpoides Small

Doellingeria umbellata (Mill.) Nees var. *pubens* (A.Gray) Britton

var. *umbellatus*

Flat-top aster, parasol aster, tall flat-topped white aster

Doellingeria umbellata (Mill.) Nees var. *umbellata*

× ***amethystinus* Nutt. (pro sp.)**

Amethyst aster

= *Aster ericoides* L. × *A. novae-angliae* L.

Aster amethystinus Nutt. f. *leucerythros* Bemis

Aster amethystinus Nutt. f. *leucos* Bemis

× ***finkii* Rydb. (pro sp.)**

= *Aster cordifolius* L. × *A. shortii* Lindl.

× ***longulus* E.Sheld. (pro sp.)**

= *Aster borealis* (Torr. & A.Gray) Prov. × *A. puniceus* L.

Balsamita Mill.**major Desf.**

Costmary, mint-geranium

INTRODUCED - ESCAPED

Chrysanthemum balsamita (L.) Baill., non L.*Chrysanthemum balsamita* L. f. *tanacetoides* (Boiss.) B.Boivin**Bellis L.****perennis L.**

English daisy, lawn daisy

INTRODUCED - LOCALLY ESTABLISHED

Bidens L.**aristosus (Michx.) Britton**

Midwestern tickseed-sunflower, swamp marigold

cernuus L.

Nodding beggar-ticks, nodding bur-marigold

Bidens cernuus L. var. *oligodontus* Fernald & H.St.John**comosus (A.Gray) Wiegand**

Straw-stem beggar-ticks, swamp marigold, swamp tickseed

Bidens tripartitus L., sensu Kartesz (1994)**connatus Muhl. ex Willd.**

Purple-stem beggar-ticks, purple-stemmed tickseed

Bidens connatus Muhl. ex Willd. var. *fallax* (Warnst.) Sherff*Bidens connatus* Muhl. ex Willd. var. *gracilipes* Fernald*Bidens connatus* Muhl. ex Willd. var. *inundatus* Fernald*Bidens connatus* Muhl. ex Willd. var. *petiolatus* (Nutt.) Farw.*Bidens connatus* Muhl. ex Willd. var. *pinnatus* S.Watson*Bidens connatus* Muhl. ex Willd. var. *submuticus* Fassett**connatus Muhl. ex Willd. × B. frondosus L.****coronatus (L.) Britton**

Northern tickseed-sunflower, tall swamp marigold

Bidens coronatus (L.) Britton var. *tenuilobus* (A.Gray) Sherff**discoideus (Torr. & A.Gray) Britton**

Few-bracted beggar-ticks, swamp beggar-ticks

frondosus L.

Common beggar-ticks, devil's beggar-ticks

pilosa L.

Spanish-needles

INTRODUCED - ADVENTIVE

vulgatus Greene

Big devil's beggar-ticks, tall beggar-ticks

Bidens vulgatus Greene var. *puberulus* (Wiegand) Greene**Boltonia L'Hér.****asteroides (L.) L'Hér.****var. recognita (Fernald & Griscom) Cronquist**

False aster, white doll's-daisy

Boltonia latisquama A.Gray var. *recognita* Fernald & Griscom**Brachyactis Ledeb.****ciliata (Ledeb.) Ledeb.****subsp. angusta (Lindl.) A.G.Jones**

Alkali rayless aster

INTRODUCED - NATURALIZED

Aster angustus (Lindl.) Torr. & A.Gray*Aster brachyactis* S.F.Blake*Symphotrichum ciliatum* (Ledeb.) G.L.Nesom

***Calendula* L.**

***officinalis* L.**

Pot-marigold

INTRODUCED - ADVENTIVE

***Callistephus* Cass.**

***chinensis* (L.) Nees**

Annual aster, china aster

INTRODUCED - ESCAPED

***Carduus* L.**

***acanthoides* L.**

Plumeless thistle, spiny plumeless thistle

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

***nutans* L.**

Musk thistle, nodding plumeless thistle, nodding thistle

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Carduus nutans L. subsp. *leiophyllus* (Petrovic) Stoj. & Stefani

Carduus nutans L. var. *leiophyllus* (Petrovic) Arènes

× *orthocephalus* Wallr.

Plumeless thistle

INTRODUCED - ADVENTIVE

= *Carduus acanthoides* L. × *C. nutans* L.

***Centaurea* L.**

***americana* Nutt.**

American knapweed, American star-thistle, basket-flower

INTRODUCED - ADVENTIVE

***biebersteinii* DC.**

Spotted knapweed

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Centaurea maculosa auct. non Lam.

***cyanus* L.**

Bachelor's-button, bluebottle, cornflower

INTRODUCED - ESCAPED

***debeauxii* Gren. & Godr.**

subsp. *thuillieri* Dostál

Meadow knapweed

INTRODUCED - ADVENTIVE

***diffusa* Lam.**

Spreading knapweed, tumble knapweed, white knapweed

INTRODUCED - ADVENTIVE

***jacea* L.**

Brown knapweed, brown-ray knapweed

INTRODUCED - NATURALIZED

***macrocephala* Muss.Puschk. ex Willd.**

Big-head knapweed

INTRODUCED - ESCAPED

***melitensis* L.**

Maltese star-thistle

INTRODUCED - ADVENTIVE

***montana* L.**

Mountain-bluet, mountain cornflower

INTRODUCED - ADVENTIVE

***nigra* L.**

Black knapweed, lesser knapweed

INTRODUCED - ADVENTIVE

Centaurea nigra L. var. *radiata* DC.

***nigrescens* Willd.**

Tyrol knapweed, Vochin knapweed

INTRODUCED - ADVENTIVE

Centaurea vochinensis Bernh. ex Rchb.***repens* L.**

Russian knapweed

INTRODUCED - ADVENTIVE; POTENTIALLY INVASIVE

Acroptilon repens (L.) DC.***solstitialis* L.**

St. Barnaby's thistle, yellow star-thistle

INTRODUCED - ADVENTIVE

Cichorium* L.**intybus* L.**

Blue-sailors, chicory

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Cichorium intybus L. f. *albiflorum* Neuman*Cichorium intybus* L. f. *roseum* Neuman***Cirsium* Mill.*****altissimum* (L.) Spreng.**

Tall thistle, wood thistle

Cirsium × *iowense* (Pammel) Fernald (pro sp.)***altissimum* (L.) Spreng. × *C. discolor* (Muhl. ex Willd.) Spreng.*****arvense* (L.) Scop.**

Canada thistle, creeping thistle, field thistle

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

NOXIOUS WEED

Cirsium arvense (L.) Scop. var. *horridum* Wimm. & Grab.*Cirsium arvense* (L.) Scop. var. *mite* Wimm. & Grab.***discolor* (Muhl. ex Willd.) Spreng.**

Field thistle, pasture thistle, prairie thistle

Cirsium discolor (Muhl. ex Willd.) Spreng. f. *albiflorum* (Britton) House***discolor* (Muhl. ex Willd.) Spreng. × *C. muticum* Michx.*****flodmanii* (Rydb.) Arthur**

Flodman's thistle, prairie thistle

INTRODUCED - ADVENTIVE; LISTED AS ★ SPECIAL CONCERN BY THE DNR

***hillii* (Canby) Fernald**

Hill's thistle, hollow-rooted thistle, prairie thistle

★ THREATENED

Cirsium pumilum (Nutt.) Spreng. subsp. *hillii* (Canby) R.J.Moore & Frankton***muticum* Michx.**

Swamp thistle

***palustre* (L.) Scop.**

European swamp thistle, marsh thistle

INTRODUCED - NATURALIZED

***pitcheri* (Torr. ex Eaton) Torr. & A.Gray**

Dune thistle, sand dune thistle

★ THREATENED (FEDERALLY THREATENED)

***undulatum* (Nutt.) Spreng.**

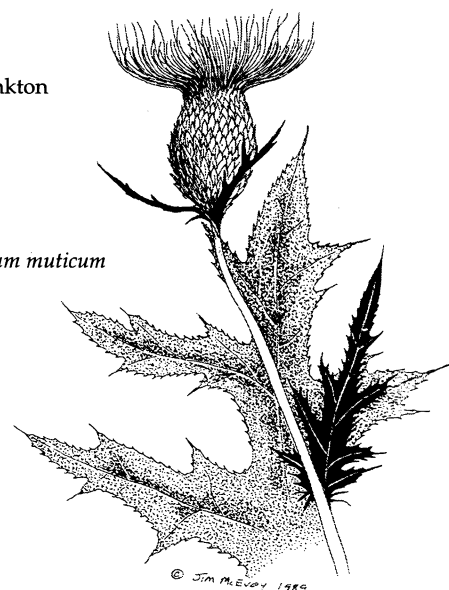
Wavy-leaved thistle

INTRODUCED - ADVENTIVE

***vulgare* (Savi) Ten.**

Bull thistle

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Cirsium muticum

Cnicus L.

***benedictus* L.**

Blessed thistle

INTRODUCED - ADVENTIVE

Conyza Less.

***canadensis* (L.) Cronquist**

var. *canadensis*

Canadian horseweed, fleabane, hogweed

Erigeron canadensis L.

Erigeron canadensis L. f. *coloratus* Fassett

***ramosissima* Cronquist**

Dwarf fleabane, spreading fleabane

Erigeron divaricatus Michx.

Coreopsis L.

***grandiflora* J.Hogg ex Sweet**

var. *grandiflora*

Big-flower tickseed, large-flowered tickseed

INTRODUCED - ESCAPED

var. *harveyana* (A.Gray) Sherff

Big-flower tickseed, large-flowered tickseed

INTRODUCED - ADVENTIVE

***lanceolata* L.**

var. *lanceolata*

Lance-leaf tickseed, long-stalk tickseed, sand coreopsis, sand tickseed

★ SPECIAL CONCERN

var. *villosa* Michx.

Lance-leaf tickseed, long-stalk tickseed, sand coreopsis, sand tickseed

INTRODUCED - NATURALIZED

***palmata* Nutt.**

Finger tickseed, prairie coreopsis, prairie tickseed, stiff tickseed

***tinctoria* Nutt.**

var. *tinctoria*

Golden tickseed, plains tickseed

INTRODUCED - ESCAPED

Cosmos Cav.

***bipinnatus* Cav.**

Common garden cosmos

INTRODUCED - RARELY ESCAPED

Crepis L.

***capillaris* (L.) Wallr.**

Hawk's-beard, smooth hawk's-beard

INTRODUCED - ADVENTIVE

***foetida* L.**

subsp. *rhoeadifolia* (M.Bieb.) Celak.

Stinking hawk's-beard

INTRODUCED - LOCALLY ESTABLISHED

***setosa* Haller f.**

Bristly hawk's-beard

INTRODUCED - ADVENTIVE

***tectorum* L.**

Hawk's-beard, narrow-leaved hawk's-beard

INTRODUCED - NATURALIZED

Dyssodia Cav.*papposa* (Vent.) Hitchc.

Fetid-marigold, stinking-marigold

INTRODUCED - ADVENTIVE

Echinacea Moench*pallida* (Nutt.) Nutt.

Pale purple coneflower, prairie coneflower

★ THREATENED

purpurea (L.) Moench

Broad-leaved purple coneflower, eastern purple coneflower

INTRODUCED - ESCAPED

Echinops L.*sphaerocephalus* L.

Great globe-thistle

INTRODUCED - ESCAPED

Eclipta L.*prostrata* (L.) L.

False daisy, yerba-de-tajo

Eclipta alba (L.) Hassk.

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

Erechtites Raf.*hieracifolia* (L.) Raf. ex DC.var. *hieracifolia*

American burn-weed, fireweed

Erechtites hieracifolia (L.) Raf. ex DC. var. *intermedia* Fernald*Erechtites hieracifolia* (L.) Raf. ex DC. var. *praealta* (Raf.) Fernald**Erigeron L.***annuus* (L.) Pers.

Annual fleabane, eastern daisy fleabane

glabellus Nutt.var. *pubescens* Hook.

Fleabane, streamside fleabane

philadelphicus L.

Common fleabane, marsh fleabane, Philadelphia daisy

pulchellus Michx.var. *pulchellus*

Robin's-plantain

strigosus Muhl. ex Willd.var. *septentrionalis* (Fernald & Wiegand) Fernald

Daisy fleabane, prairie fleabane

var. *strigosus*

Daisy fleabane, prairie fleabane, rough fleabane

Erigeron strigosus Muhl. ex Willd. var. *beyrichii* (Fisch. & C.A.Mey.) Torr & A.Gray**Eupatorium L.***altissimum* L.

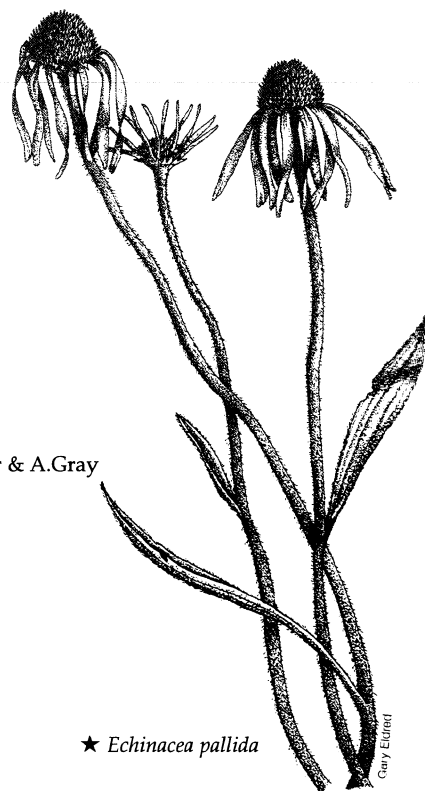
Upland boneset, tall boneset, tall eupatorium, tall thoroughwort

maculatum L.subsp. *bruneri* (A.Gray) G.W.Douglas

Spotted Joe-Pye-weed

Eupatorium maculatum L. var. *bruneri* (A.Gray) Breitungsubsp. *maculatum* var. *maculatum*

Spotted Joe-Pye weed

★ *Echinacea pallida*

Gay, Echinac.

maculatum L. × *E. purpureum* L.

perfoliatum L.

var. *perfoliatum*

Boneset, common boneset, thoroughwort

Eupatorium perfoliatum L. f. *purpureum* Britton

Eupatorium perfoliatum L. f. *trifolium* Fassett

Eupatorium perfoliatum L. f. *truncatum* (Muhl. ex Willd.) Fassett

purpureum L.

Green-stemmed Joe-Pye-weed, purple Joe-Pye-weed

Eupatorium purpureum L. var. *holzingeri* (Rydb.) E.Lamont

rugosum Houtt.

var. *rugosum*

White snakeroot

NATIVE - POTENTIALLY INVASIVE

Ageratina altissima (L.) R.M.King & H.Rob.

Eupatorium rugosum Houtt. var. *tomentellum* (B.L.Rob.) S.F.Blake

serotinum Michx.

Late boneset, late eupatorium, late-flowering thoroughwort

INTRODUCED - ADVENTIVE

sessilifolium L.

var. *brittonianum* Porter

Upland boneset, woodland boneset

★ SPECIAL CONCERN

***Euthamia* (Nutt.) Nutt.**

graminifolia (L.) Nutt.

var. *graminifolia*

Common flat-topped goldenrod, grass-leaved goldenrod

Euthamia graminifolia (L.) Nutt. var. *nuttallii* (Greene) W.Stone

Solidago graminifolia (L.) Salisb.

Solidago graminifolia (L.) Salisb. var. *nuttallii* (Greene) Fernald

gymnospermoides Greene

Great Plains flat-topped goldenrod, Texas goldentop, viscid grass-leaved goldenrod

Solidago gymnospermoides (Greene) Fernald

tenuifolia (Pursh) Nutt.

var. *tenuifolia*

Coastal Plain flat-topped goldenrod, slender goldentop

Euthamia remota Greene

Solidago tenuifolia Pursh

***Gaillardia* Foug.**

aristata Pursh

Common blanket-flower, common gaillardia

INTRODUCED - ESCAPED

***Galinsoga* Ruiz & Pav.**

parviflora Cav.

Gallant-soldier, lesser quick-weed, smooth Peruvian-daisy

INTRODUCED - ADVENTIVE

quadriradiata Ruiz & Pav.

Common quick-weed, Peruvian-daisy, quick-weed, shaggy-soldier

INTRODUCED - NATURALIZED

Galinsoga ciliata (Raf.) S.F.Blake

***Gnaphalium* L.**

helleri Britton

★ SPECIAL CONCERN

var. *micradenium* (Weath.) Mahler

Cat's-foot, Heller's cudweed

Gnaphalium obtusifolium L. var. *micradenium* Weath.

***macounii* Greene**

Clammy cudweed, western cudweed

Gnaphalium viscosum Kunth***macounii* Greene × *G. obtusifolium* L.*****obtusifolium* L.****var. *obtusifolium***

Cat's-foot, fragrant cudweed, old-field-balsam, old-field cudweed, rabbit-tobacco

Pseudognaphalium obtusifolium (L.) Hilliard & B.L.Burt***obtusifolium* L. × *G. uliginosum* L.**

INTRODUCED - ADVENTIVE

***saxicola* Fassett**

Cliff cudweed, rabbit-tobacco

Gnaphalium obtusifolium L. var. *saxicola* (Fassett) Cronquist

★ THREATENED - LISTED UNDER THIS SYNONYM BY THE DNR

***sylvaticum* L.**

Woodland cudweed

★ SPECIAL CONCERN

Omalotheca sylvatica (L.) Sch.Bip. & F.W.Schultz***uliginosum* L.**

Low cudweed, marsh cudweed

INTRODUCED - NATURALIZED

Grindelia* Willd.**lanceolata* Nutt.****var. *lanceolata***

Narrow-leaved gum-weed, spiny-tooth gum-weed

INTRODUCED - ADVENTIVE

squarrosa* (Pursh) Dunal*var. *serrulata* (Rydb.) Steyerl.**

Curly-cup gum-weed, gum-plant, gum-weed

INTRODUCED - ADVENTIVE

var. *squarrosa*

Curly-cup gum-weed, gum-plant, gum-weed

INTRODUCED - NATURALIZED

Guizotia* Cass.**abyssinica* (L.f.) Cass.**

Niger-seed, ramtilla

INTRODUCED - ADVENTIVE

Hasteola* Raf.**suaveolens* (L.) Pojark.**

Hastate Indian-plantain, sweet Indian-plantain

Cacalia suaveolens L.*Synosma suaveolens* (L.) Raf. ex Britton***Helenium* L.*****amarum* (Raf.) H.Rock****var. *amarum***

Bitter-weed, narrow-leaved sneezeweed, yellow-dicks

INTRODUCED - ADVENTIVE

Helenium tenuifolium Nutt.***autumnale* L.****var. *autumnale***

Common sneezeweed

Helenium autumnale L. var. *canaliculatum* (Lam.) Torr. & A.Gray

***flexuosum* Raf.**

Purple-head sneezeweed, southern sneezeweed

INTRODUCED - NATURALIZED

Helenium nudiflorum Nutt.

Helenium polyphyllum Small

***Helianthus* L.**

***annuus* L.**

Common sunflower, garden sunflower

INTRODUCED - NATURALIZED

***decapetalus* L.**

Forest sunflower, pale sunflower, thin-leaved sunflower

***divaricatus* L.**

Divaricate sunflower, woodland sunflower

***giganteus* L.**

Giant sunflower, swamp sunflower, tall sunflower

***giganteus* L. × *H. grosseserratus* M.Martens**

***giganteus* L. × *H. maximiliani* Schrad.**

***grosseserratus* M.Martens**

Saw-tooth sunflower

***grosseserratus* M.Martens × *H. occidentalis* Riddell**

***hirsutus* Raf.**

Hairy sunflower, oblong sunflower, rough sunflower

Helianthus hirsutus Raf. var. *trachyphyllus* Torr. & A.Gray

***maximiliani* Schrad.**

Maximilian's sunflower

INTRODUCED - NATURALIZED

***mollis* Lam.**

Ashy sunflower, downy sunflower, soft sunflower

***occidentalis* Riddell**

subsp. *occidentalis*

Few-leaved sunflower, naked-stemmed sunflower, western sunflower

Helianthus occidentalis Riddell var. *dowellianus* (M.A.Curtis) Torr. & A.Gray

***pauciflorus* Nutt.**

subsp. *pauciflorus*

Few-leaved sunflower, prairie sunflower, stiff sunflower

Helianthus laetiflorus Pers. var. *rigidus* (Cass.) Fernald

Helianthus rigidus (Cass.) Desf.

subsp. *subrhomboideus* (Rydb.) O.Spring & E.E.Schill.

Few-leaved sunflower, stiff sunflower

Helianthus laetiflorus Pers. var. *subrhomboideus* (Rydb.) Fernald

Helianthus rigidus (Cass.) Desf. subsp. *subrhomboideus* (Rydb.) Heiser

***petiolaris* Nutt.**

subsp. *petiolaris*

Petioled sunflower, plains sunflower, prairie sunflower

***salicifolius* A.Dietr.**

Willow-leaved sunflower

INTRODUCED - ADVENTIVE

***strumosus* L.**

Pale-leaved woodland sunflower, rough-leaved sunflower

***tuberosus* L.**

Jerusalem-artichoke, woodland sunflower

Helianthus tuberosus L. var. *subcanescens* A.Gray

× *ambiguus* (A.Gray) Britton (pro sp.)

Ambiguous sunflower

= *Helianthus divaricatus* L. × *H. giganteus* L.

× *kellermani* Britton (pro sp.)

Kellerman's sunflower

INTRODUCED - ADVENTIVE

= *Helianthus grosseserratus* M.Martens × *H. salicifolius* A.Dietr.× *laetiflorus* Pers. (pro sp.)

Cheerful sunflower, hybrid prairie sunflower, mountain sunflower

= *Helianthus pauciflorus* Nutt. subsp. *subrhomboideus* (Rydb.) O.Spring & E.E.Schill. × *H. tuberosus* L.× *luxurians* E.Watson (pro sp.)

Luxuriant sunflower

= *Helianthus giganteus* L. × *H. grosseserratus* M.Martens***Heliopsis* Pers.***helianthoides* (L.) Sweetvar. *helianthoides*

False sunflower, ox-eye, smooth ox-eye, sunflower-everlasting

var. *scabra* (Dunal) Fernald

False sunflower, ox-eye, sunflower-everlasting

Heliopsis helianthoides (L.) Sweet subsp. *occidentalis* T.R.Fisher*Heliopsis helianthoides* (L.) Sweet var. *occidentalis* (T.R.Fisher) Steyerl.***Heterotheca* Cass.***villosa* (Pursh) Shinneryvar. *ballardii* (Rydb.) Semple

Hairy golden aster, telegraph-plant

var. *minor* (Hook.) Semple

Hairy golden aster

Chrysopsis wisconsinensis Shinnery*Heterotheca villosa* (Pursh) Shinnery var. *hispida* (Hook.) V.L.Harmsvar. *villosa*

Hairy golden aster

INTRODUCED - ADVENTIVE

Chrysopsis villosa (Pursh) Nutt.***Hieracium* L.***aurantiacum* L.

Devil's-paintbrush, grim-the-collier, orange hawkweed, red daisy

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

caespitosum Dumort.

Field hawkweed, meadow hawkweed, yellow king-devil

INTRODUCED - NATURALIZED

Hieracium pratense Tausch*kalmii* L.

Canada hawkweed, Kalm's hawkweed

Hieracium canadense Michx.*Hieracium canadense* Michx. var. *fasciculatum* (Pursh) Fernald*Hieracium kalmii* L. var. *fasciculatum* (Pursh) Lepage*Hieracium kalmii* L. var. *subintegrum* (Lepage) Lepage*Hieracium scabriusculum* Schwein. var. *columbianum* (Rydb.) Lepage*kalmii* L. × *H. scabrum* Michx.*kalmii* L. × *H. umbellatum* L.*lachenalii* C.C.Gmel.

Common hawkweed, European hawkweed, hawkweed

INTRODUCED - ADVENTIVE

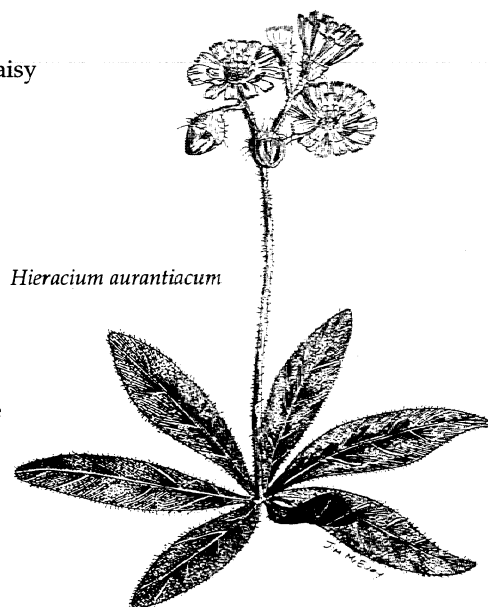
Hieracium vulgatum Fr.*longipilum* Torr. ex Hook.

Hairy hawkweed, long-beard hawkweed, long-haired hawkweed, prairie hawkweed

murorum L.

Wall hawkweed

INTRODUCED - LOCALLY ESTABLISHED

*Hieracium aurantiacum*

***pilosella* L.**

var. *pilosella*

Mouse-ear hawkweed
INTRODUCED - ADVENTIVE

***piloselloides* Vill.**

Glaucous king-devil, tall hawkweed
INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE
Hieracium florentinum All.

***scabrum* Michx.**

Rough hawkweed, sticky hawkweed
Hieracium scabrum Michx. var. *tonsum* Fernald & H.St.John

***scabrum* Michx. × *H. umbellatum* L.**

***umbellatum* L.**

Narrow-leaved hawkweed, northern hawkweed
Hieracium scabriusculum Schwein.
Hieracium scabriusculum Schwein. var. *scabrum* (Schwein.) Lepage

× *atramentarium* (Nägeli & Peter) Zahn ex Engl. (pro sp.)

INTRODUCED - ADVENTIVE
= *Hieracium aurantiacum* L. × *H. piloselloides* Vill.

× *fassetii* Lepage

= *Hieracium kalmii* L. × *H. scabrum* Michx.

var. *fassetii*

Fassett's hawkweed
= *Hieracium kalmii* L. × *H. scabrum* Michx.

var. *mendicum* Lepage (pro nm.)

Fassett's hawkweed
= *Hieracium kalmii* L. × *H. scabrum* Michx.

var. *wisconsinense* Lepage (pro nm.)

Wisconsin hawkweed
= *Hieracium kalmii* L. × *H. scabrum* Michx.

***Hypochaeris* L.**

***radicata* L.**

False dandelion, hairy cat's-ear, spotted cat's-ear
INTRODUCED - LOCALLY ESTABLISHED

***Inula* L.**

***helenium* L.**

Elecampane
INTRODUCED - ESCAPED

***Iva* L.**

***annua* L.**

var. *annua*

Annual marsh-elder, rough marsh-elder
INTRODUCED - ADVENTIVE

***axillaris* Pursh**

Poverty-weed
INTRODUCED - ADVENTIVE

***xanthifolia* Nutt.**

Bur-weed marsh-elder, giant sump-weed

***Krigia* Schreb.**

***biflora* (Walter) S.F.Blake**

subsp. *biflora*

False dandelion, orange dwarf-dandelion

subsp. *glandulifera* (Fernald) H.H.Iltis

False dandelion, orange dwarf-dandelion

virginica (L.) Willd.

Virginia dwarf-dandelion

Kuhnia* L.eupatorioides* L.*Brickellia eupatorioides* (L.) Shinneryvar. *corymbulosa* Torr. & A.Gray

False boneset

Brickellia eupatorioides (L.) Shinnery var. *corymbulosa* (Torr. & A.Gray) Shinnery***Lactuca* L.***biennis* (Moench) Fernald

Tall blue lettuce, woodland lettuce

canadensis L.

Canada lettuce, tall lettuce, tall wild lettuce, wild lettuce

Lactuca canadensis L. var. *latifolia* Kuntze*Lactuca canadensis* L. var. *longifolia* (Michx.) Farw.*Lactuca canadensis* L. var. *obovata* Wiegand*floridana* (L.) Gaertn.

Blue lettuce, woodland lettuce

Lactuca floridana (L.) Gaertn. var. *villosa* (Jacq.) Cronquist*ludoviciana* (Nutt.) Riddell

Prairie lettuce, prairie wild lettuce, western wild lettuce

pulchella (Pursh) DC.

Showy blue lettuce

INTRODUCED - ADVENTIVE

Lactuca tatarica (L.) C.A.Mey. var. *pulchella* (Pursh) Breitung*serriola* L.

Compass-plant, prickly lettuce

INTRODUCED - NATURALIZED

Lactuca serriola L. var. *integrata* (Gren. & Godr.) Farw.***Lapsana* L.***communis* L.

Common nipplewort, nipplewort

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

Leontodon* L.autumnalis* L.

Autumn-dandelion, fall-dandelion, hawk's-bit

INTRODUCED - LOCALLY ESTABLISHED

taraxacoides (Vill.) Mérat

Little hawk's-bit, rough hawk's-bit

INTRODUCED - LOCALLY ESTABLISHED

Leontodon leysseri (Wallr.) Beck***Leucanthemella* Tzvelev***serotina* (L.) Tzvelev

Giant daisy

INTRODUCED - ADVENTIVE

Chrysanthemum uliginosum (Waldst. & Kit.Pers. ex Willd.) Pers.***Leucanthemum* Mill.***vulgare* Lam.

Common daisy, field daisy, marguerite, ox-eye daisy

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Chrysanthemum leucanthemum L.*Chrysanthemum leucanthemum* L. var. *pinnatifidum* Lecoq & Lamotte

***Liatris* Gaertn. ex Schreb.**

***aspera* Michx.**

Lacerate blazing-star, rough blazing-star, tall gay-feather
Liatris aspera Michx. var. *intermedia* (Lunell) Gaiser

***aspera* Michx. × *L. cylindracea* Michx.**

Liatris × *gladewitzii* (Farw.) Farw. ex Shinners, sensu Johnson & Iltis (1964)

***aspera* Michx. × *L. ligulistylis* (A.Nelson) K.Schum.**

***cylindracea* Michx.**

Cylindrical blazing-star, few-headed blazing-star

***ligulistylis* (A.Nelson) K.Schum.**

Northern plains blazing-star, showy blazing-star

***punctata* Hook.**

var. *nebraskana* Gaiser

Dotted blazing-star, Nebraska gay-feather

☛ ENDANGERED

***pycnostachya* Michx.**

Prairie blazing-star, thick-spike blazing-star, thick-spike gay-feather

***pycnostachya* Michx. × *L. spicata* (L.) Willd.**

***spicata* (L.) Willd.**

Dense gay-feather, marsh blazing-star, marsh gay-feather, sessile blazing-star, sessile-headed blazing-star

★ SPECIAL CONCERN

***Madia* Molina**

***glomerata* Hook.**

Mountain tarweed, stinking tarweed
 INTRODUCED - ADVENTIVE

***Matricaria* L.**

***discoidea* DC.**

Pineapple-weed
 INTRODUCED - NATURALIZED

Chamomilla suaveolens (Pursh) Rydb.

Matricaria matricarioides (Less.) Porter

***maritima* L.**

False mayweed, scentless chamomile
 INTRODUCED - ADVENTIVE

Matricaria maritima L. subsp. *inodora* (L.) Clapham

Matricaria maritima L. var. *agrestis* (Knaf) Wilmott

Matricaria perforata Mérat

Tripleurospermum maritima (L.) W.D.J. Koch subsp. *maritima*

***recutita* L.**

Chamomile, mayweed
 INTRODUCED - ADVENTIVE
Chamomilla recutita (L.) Rauschert
Matricaria chamomilla L.

***Megalodonta* Greene**

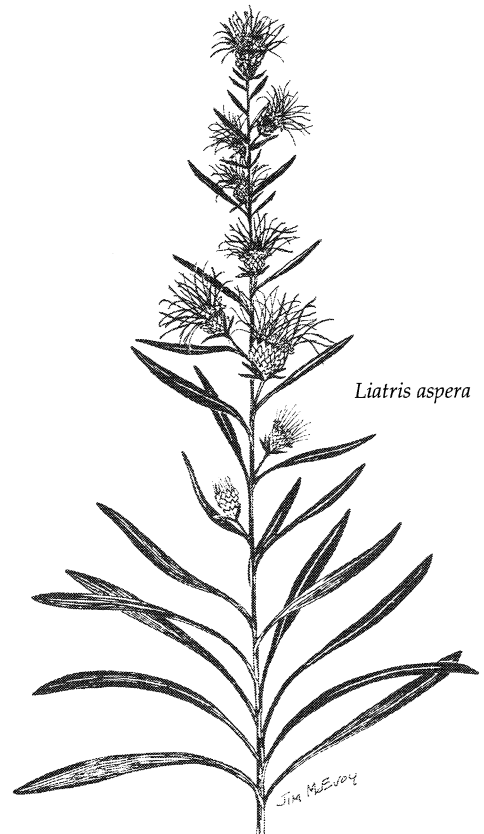
***beckii* (Torr. ex Spreng.) Greene**

Water beggar-ticks, water-marigold
Bidens beckii Torr. ex Spreng.

***Microseris* D.Don**

***cuspidata* (Pursh) Sch.Bip.**

False dandelion, prairie dandelion, prairie false dandelion
Agoseris cuspidata (Pursh) Raf.
Nothocalais cuspidata (Pursh) Greene
 ★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR



Liatris aspera

Onopordum L.*acanthium* L.

Cotton thistle, Scotch thistle
INTRODUCED - ADVENTIVE

Packera A.Löve & D.Löve*aurea* (L.) A.Löve & D.Löve

Golden ragwort, heart-leaved groundsel
Senecio aureus L.

indecora (Greene) A.Löve & D.Löve

Elegant groundsel, plains ragwort, rayless ragwort, taller discoid groundsel
Senecio indecorus Greene
★ THREATENED - LISTED UNDER THIS SYNONYM BY THE DNR

pauperula (Michx.) A.Löve & D.Löve

Balsam groundsel, balsam ragwort, northern meadow groundsel, northern ragwort
Senecio pauperculus Michx.

plattensis (Nutt.) W.A.Weber & A.Löve

Platte groundsel, prairie groundsel, prairie ragwort
Senecio plattensis Nutt.
★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

pseudaurea (Rydb.) W.A.Weber & A.Löve

Senecio pseudaureus Rydb.

var. *semicordata* (Mack. & Bush) D.K.Trock & T.M.Barkley

False-gold groundsel, heart-leaved groundsel, western golden ragwort
Senecio pseudaureus Rydb. var. *semicordatus* (Mack. & Bush) T.M.Barkley

Parthenium L.*integrifolium* L.

American feverfew, eastern feverfew, eastern parthenium, wild quinine
★ THREATENED

Petasites Mill.*frigidus* (L.) Fr.var. *palmatus* (Aiton) Cronquist

Arctic sweet-colt's-foot, northern sweet-colt's-foot
Petasites palmatus (Aiton) A.Gray

sagittatus (Banks ex Pursh) A.Gray

Arrowhead sweet-colt's-foot, arrow-leaf sweet-colt's-foot
★ THREATENED

× *vitifolius* Greene (pro sp.)

Sweet-colt's-foot
= *Petasites frigidus* (L.) Fr. × *P. sagittatus* (Banks ex Pursh) A.Gray

Polymnia L.*canadensis* L.

Pale-flowered leaf-cup, white-flowered leaf-cup

Prenanthes L.*alba* L.

Lion's-foot, rattlesnake-root, white-lettuce

aspera Michx.

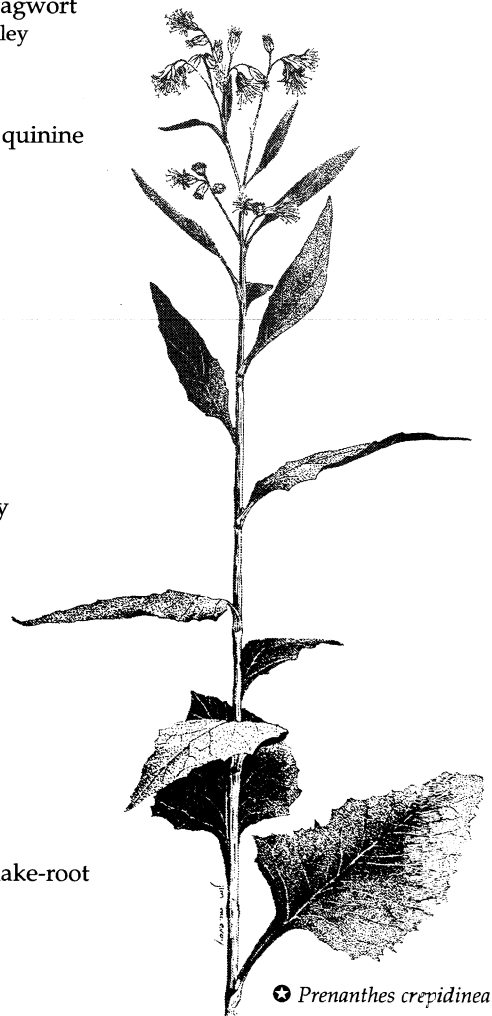
Rough rattlesnake-root, rough white-lettuce
☉ ENDANGERED

crepidinea Michx.

Great white-lettuce, Midwestern white-lettuce, nodding rattlesnake-root
☉ ENDANGERED

racemosa Michx.

Glaucous white-lettuce, purple rattlesnake-root
Prenanthes racemosa Michx. subsp. *multiflora* Cronquist
Prenanthes racemosa Michx. var. *multiflora* (Cronquist) Dorn

☉ *Prenanthes crepidinea*

Ratibida Raf.

columnifera (Nutt.) Wooton & Standl.

Columnar coneflower, long-headed coneflower
INTRODUCED - ADVENTIVE

pinnata (Vent.) Barnhart

Globular coneflower, yellow coneflower

Rudbeckia L.

fulgida Aiton

var. *speciosa* (Wender.) Perdue

Eastern coneflower, orange coneflower, showy coneflower

hirta L.

var. *pulcherrima* Farw.

Black-eyed Susan

Rudbeckia serotina Nutt.

laciniata L.

var. *laciniata*

Cut-leaved coneflower, wild golden-glow

cv. *Hortensia*

Golden-glow

INTRODUCED - ESCAPED

subtomentosa Pursh

Sweet black-eyed Susan, sweet coneflower

triloba L.

var. *triloba*

Brown-eyed Susan, three-lobed coneflower

Senecio L.

congestus (R.Br.) DC.

Marsh fleabane, marsh ragwort, northern swamp groundsel

★ SPECIAL CONCERN

Senecio congestus (R.Br.) DC. var. *palustris* (L.) Fernald

Senecio congestus (R.Br.) DC. var. *tonsus* Fernald

sylvaticus L.

Wood groundsel, woodland ragwort

INTRODUCED - ADVENTIVE

viscosus L.

Sticky ragwort

INTRODUCED - ADVENTIVE

vulgaris L.

Common groundsel

INTRODUCED - NATURALIZED

Silphium L.

integrifolium Michx.

var. *deamii* L.M.Perry

Deam's rosinweed, prairie rosinweed

var. *integrifolium*

Prairie rosinweed, whole-leaf rosinweed

INTRODUCED - ADVENTIVE

var. *neglectum* Settle & T.R.Fisher

Prairie rosinweed, whole-leaf rosinweed

integrifolium Michx. × *S. perfoliatum* L.

laciniatum L.

var. *laciniatum*

Compass-plant

laciniatum L. × *S. terebinthinaceum* Jacq.



Rudbeckia hirta



Silphium laciniatum

perfoliatum L.var. *perfoliatum*

Cup-plant

terebinthinaceum Jacq.var. *terebinthinaceum*

Basal-leaved rosinweed, prairie dock, prairie rosinweed

Solidago* L.bicolor* L.

Silver-rod, white goldenrod

caesia L.

Axillary goldenrod, blue-stemmed goldenrod, wreath goldenrod

☉ ENDANGERED

canadensis L.var. *canadensis*

Canadian goldenrod, common goldenrod

var. *hargerii* Fernald

Canadian goldenrod, Harger's goldenrod

NATIVE - POTENTIALLY INVASIVE

Solidago canadensis L. var. *gilvocanescens* Rydb., misappliedvar. *salebrosa* (Piper) M.E.Jones

Canadian goldenrod, salebrosa goldenrod

var. *scabra* Torr. & A.Gray

Canadian goldenrod, common goldenrod, tall goldenrod

NATIVE - POTENTIALLY INVASIVE

Solidago altissima L.*flexicaulis* L.

Broad-leaved goldenrod, zigzag goldenrod

gigantea Aiton

Giant goldenrod, late goldenrod, smooth goldenrod

Solidago gigantea Aiton var. *pitcheri* (Nutt.) Shinnery*Solidago gigantea* Aiton var. *serotina* (Kuntze) Cronquist*Solidago gigantea* Aiton var. *shinnersii* Beaudry*hispida* Muhl. ex Willd.var. *hispida*

Hairy goldenrod

Solidago hispida Muhl. ex Willd. var. *tonsa* Fernald*juncea* Aiton

Early goldenrod

missouriensis Nutt.var. *fasciculata* Holz.

Missouri goldenrod

var. *missouriensis*

Missouri goldenrod

Solidago missouriensis Nutt. var. *extraria* A.Gray*mollis* Bartl.

Velvety goldenrod

INTRODUCED - ADVENTIVE

nemoralis Aitonsubsp. *decemflora* (DC.) Brammall

Field goldenrod, old-field goldenrod

Solidago nemoralis Aiton var. *longipetiolata* (Mack. & Bush) E.J.Palmer & Steyererm.subsp. *nemoralis*

Dyer's-weed goldenrod, field goldenrod, gray goldenrod, old-field goldenrod

ohioensis Riddell

Ohio goldenrod

★ SPECIAL CONCERN

Oligoneuron ohioensis (Riddell) G.N.Jones*Silphium terebinthinaceum*

patula Muhl. ex Willd.

var. *patula*

Rough-leaved goldenrod, round-leaved goldenrod, swamp goldenrod

ptarmicoides (Nees) B.Boivin

Prairie goldenrod, upland white goldenrod

Aster ptarmicoides (Nees) Torr. & A.Gray

Oligoneuron album (Nutt.) G.L.Nesom

riddellii Frank ex Riddell

Riddell's goldenrod

Oligoneuron riddellii (Frank ex Riddell) Rydb.

rigida L.

subsp. *humilis* (Porter) Heard & Semple

Rigid goldenrod, stiff goldenrod

Oligoneuron rigidum (L.) Small var. *humile* (Porter) G.L.Nesom

Solidago rigida L. var. *humilis* Porter

subsp. *rigida*

Rigid goldenrod, stiff goldenrod

Oligoneuron rigidum (L.) Small

rugosa Mill.

subsp. *rugosa* var. *villosa* (Pursh) Fernald

Wrinkle-leaved goldenrod

INTRODUCED - LOCALLY ESTABLISHED

sciaphila E.S.Steele

Cliff goldenrod, Driftless Area goldenrod, shadowy goldenrod

★ SPECIAL CONCERN

simplex Kunth

subsp. *randii* (Porter) G.S.Ringius var. *gillmanii* (A.Gray) G.S.Ringius

Dune goldenrod, Gillman's goldenrod, sticky goldenrod

★ THREATENED

Solidago racemosa Greene var. *gillmanii* (A.Gray) Fernald

Solidago spathulata DC. var. *gillmanii* (A.Gray) Cronquist

speciosa Nutt.

var. *jejunifolia* (E.S.Steele) Cronquist

Showy goldenrod

var. *rigidiuscula* Torr. & A.Gray

Showy goldenrod

Solidago speciosa Nutt. var. *angustata* Torr. & A.Gray

var. *speciosa*

Showy goldenrod

uliginosa Nutt.

Northern bog goldenrod

Solidago purshii Porter

Solidago uliginosa Nutt. var. *linoides* (Torr. & A.Gray) Fernald

ulmifolia Muhl. ex Willd.

var. *ulmifolia*

Elm-leaved goldenrod

× *bernardii* B.Boivin

Bernard's goldenrod, yellow stiff aster

= *Solidago ptarmicoides* (Nees) B.Boivin × *S. riddellii* Frank ex Riddell

Aster × *lutescens* auct. non (Lindl. ex DC.) B.Boivin

Oligoneuron × *bernardii* (B.Boivin) G.L.Nesom

***Sonchus* L.**

arvensis L.

var. *arvensis*

Field sow-thistle, perennial sow-thistle

INTRODUCED - NATURALIZED

var. *glabrescens* Günther, Grab. & Wimm.

Marsh sow-thistle

INTRODUCED - NATURALIZED

Sonchus arvensis L. subsp. *uliginosus* (M.Bieb.) Nyman*Sonchus uliginosus* M.Bieb.***asper* (L.) Hill**

Prickly sow-thistle, spiny sow-thistle

INTRODUCED - NATURALIZED

***oleraceus* L.**

Common sow-thistle, field sow-thistle

INTRODUCED - NATURALIZED

Tagetes* L.**patula* L.**

French marigold

INTRODUCED - RARELY ESCAPED

Tanacetum* L.**huronense* Nutt.**

Eastern tansy, Lake Huron tansy

☛ ENDANGERED

Tanacetum bipinnatum (L.) Sch.Bip. subsp. *huronense* (Nutt.) Breitung***parthenium* (L.) Sch.Bip.**

Feverfew

INTRODUCED - ESCAPED

Chrysanthemum parthenium (L.) Bernh.***vulgare* L.**

Common tansy, golden-buttons, tansy

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

Tanacetum vulgare L. f. *crispum* (L.) Fernald***Taraxacum* F.H.Wigg.*****laevigatum* (Willd.) DC.**

Red-seeded dandelion, rock dandelion

INTRODUCED - NATURALIZED

Taraxacum erythrospermum Andr. ex Besser***officinale* Weber**

Common dandelion

INTRODUCED - NATURALIZED

Tragopogon* L.**dubius* Scop.**

Fistulous goat's-beard, greater sand goat's-beard, yellow salsify

INTRODUCED - NATURALIZED

***porrifolius* L.**

Oyster-plant, salsify, vegetable-oyster

INTRODUCED - ESCAPED

***pratensis* L.**

Lesser goat's-beard, meadow salsify, showy goat's-beard, yellow goat's-beard

INTRODUCED - NATURALIZED

Tussilago* L.**farfara* L.**

Colt's-foot

INTRODUCED - ADVENTIVE

Verbesina* L.**alternifolia* (L.) Britton ex Kearney**

Wing-stem

INTRODUCED - LOCALLY ESTABLISHED

Actinomeris alternifolia (L.) DC.

Vernonia Schreb.

fasciculata Michx.

subsp. *fasciculata*

Common ironweed, prairie ironweed, smooth ironweed

Xanthium L.

spinosum L.

Spiny cocklebur

INTRODUCED - ADVENTIVE

strumarium L.

var. *canadense* (Mill.) Torr. & A.Gray

Common cocklebur, rough cocklebur

var. *glabratum* (DC.) Cronquist

Common cocklebur

◆ **BALSAMINACEAE—Jewelweed, Touch-me-not Family**

***Impatiens* L.**

balfourii Hook.f.

Balfour's touch-me-not

INTRODUCED - ADVENTIVE

balsamina L.

Balsam, spotted snap-weed

INTRODUCED - ESCAPED

capensis Meerb.

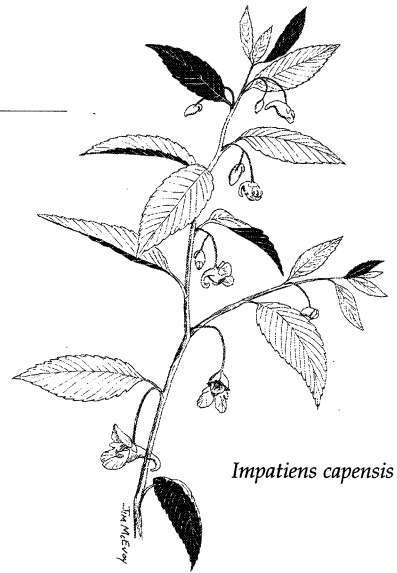
Orange jewelweed, orange touch-me-not, spotted touch-me-not

Impatiens biflora Walter

Impatiens capensis Meerb. f. *immaculata* (Weath.) Fernald & B.G.Schub.

pallida Nutt.

Pale touch-me-not, yellow jewelweed, yellow touch-me-not



Impatiens capensis

◆ **BERBERIDACEAE—Barberry Family**

***Berberis* L.**

thunbergii DC.

Japanese barberry

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

vulgaris L.

Common barberry, European barberry

INTRODUCED - ESCAPED; POTENTIALLY INVASIVE

***Caulophyllum* Michx.**

thalictroides (L.) Michx.

Blue cohosh, pappoose-root, squaw-root

***Jeffersonia* Barton**

diphylla (L.) Pers.

Rheumatism root, twinleaf

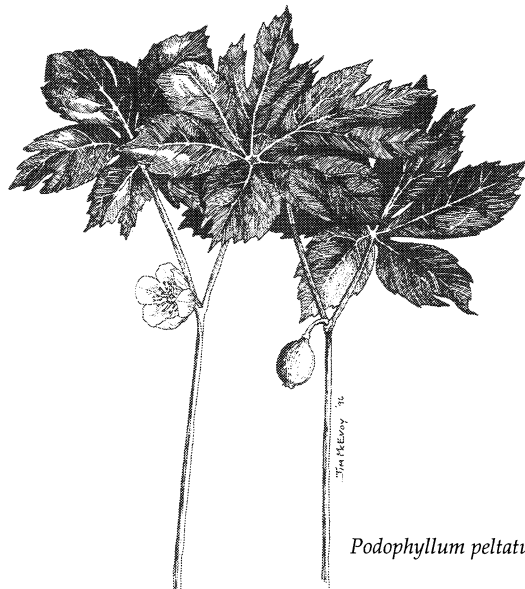
★ SPECIAL CONCERN

***Podophyllum* L.**

peltatum L.

May-apple, wild mandrake

Podophyllum peltatum L. f. *aphyllum* Plitt



Podophyllum peltatum

◆ **BETULACEAE—Birch Family*****Alnus* Mill.*****glutinosa* (L.) Gaertn.**

Black alder, European alder

INTRODUCED - LOCALLY ESTABLISHED; POTENTIALLY INVASIVE

incana* (L.) Moench*subsp. *rugosa* (Du Roi) R.T.Clausen**

Mountain alder, speckled alder, swamp alder

Alnus incana (L.) Moench var. *americana* Regel*Alnus rugosa* (Du Roi) Spreng.***viridis* (Vill.) DC.****subsp. *crispa* (Aiton) Turrill**

American green alder, green alder, mountain alder

Alnus crispa (Aiton) Pursh*Alnus crispa* (Aiton) Pursh var. *mollis* (Fernald) Fernald*Alnus viridis* (Vill.) DC. var. *crispa* (Aiton) House***Betula* L.*****alleghaniensis* Britton**

Yellow birch

Betula alleghaniensis Britton var. *macrolepis* (Fernald) Brayshaw*Betula lutea* F.Michx.***cordifolia* Regel**

Heart-leaf birch, mountain white birch

Betula papyrifera Marshall var. *cordifolia* (Regel) Fernald***nigra* L.**

Black birch, red birch, river birch

***papyrifera* Marshall**

Canoe birch, paper birch, white birch

Betula papyrifera Marshall var. *commutata* (Regel) Fernald***pendula* Roth****var. *pendula***

European white birch, weeping birch

INTRODUCED – ESCAPED

cv. *Dalecarlica*

INTRODUCED - ESCAPED

***pumila* L.**

Bog birch, dwarf birch, swamp birch

Betula borealis Spach*Betula glandulifera* (Regel) B.T.Butler*Betula pumila* L. var. *glabra* Regel*Betula pumila* L. var. *glandulifera* Regel*Betula pumila* L. var. *renifolia* Fernald**× *purpusii* C.K.Schneid.**

Purpus' birch

= *Betula alleghaniensis* Britton × *B. pumila* L.**× *sandbergii* Britton**

Sandberg's birch

= *Betula papyrifera* Marshall × *B. pumila* L.***Carpinus* L.*****caroliniana* Walter****subsp. *virginiana* (Marshall) Furlow**

American hornbeam, blue-beech, hornbeam, ironwood

Carpinus caroliniana Walter var. *virginiana* (Marshall) Fernald

***Corylus* L.**

americana Walter

American hazelnut

cornuta Marshall

subsp. *cornuta*

Beaked hazelnut

***Ostrya* Scop.**

virginiana (Mill.) K.Koch

Eastern hop-hornbeam, ironwood

◆ **BIGNONIACEAE—Trumpet-creeper Family**

***Campsis* Lour.**

radicans (L.) Seem. ex Bureau

Trumpet-creeper

INTRODUCED - LOCALLY ESTABLISHED

***Catalpa* Scop.**

ovata G.Don

Chinese catalpa

INTRODUCED - ESCAPED

speciosa (Warder ex Barney) Warder ex Engelm.

Northern catalpa

INTRODUCED - ESCAPED

◆ **BORAGINACEAE—Borage Family**

***Amsinckia* Lehm.**

lycopsoides Lehm.

Tarweed fiddle-neck

INTRODUCED - ADVENTIVE

***Anchusa* L.**

arvensis (L.) M.Bieb.

Annual bugloss, small bugloss

INTRODUCED - ESCAPED

Lycopsis arvensis L.

officinalis L.

Common alkanet, common bugloss

INTRODUCED - ESCAPED

***Buglossoides* Moench**

arvense (L.) I.M.Johnst.

Bastard-alkanet, corn gromwell

INTRODUCED - LOCALLY ESTABLISHED

Lithospermum arvense L.

***Cynoglossum* L.**

amabile Stapf & J.R.Drumm.

Chinese forget-me-not, Chinese hound's-tongue

INTRODUCED - ESCAPED

boreale Fernald

Northern wild comfrey

Cynoglossum virginianum L. var. *boreale* (Fernald) Cooperr.

***officinale* L.**

Common hound's-tongue, gypsy-flower

INTRODUCED - NATURALIZED

Cynoglossum officinale L. f. *bicolor* (Willd.) Lehm.***Echium* L.*****vulgare* L.**

Blueweed, common viper's-bugloss, viper's-bugloss

INTRODUCED - NATURALIZED

Hackelia* Opiz**deflexa* (Wahlenb.) Opiz****var. *americana* (A.Gray) Fernald & I.M.Johnst.**

American stickseed, cliff stickseed, nodding stickseed

Hackelia americana (A.Gray) Fernald***virginiana* (L.) I.M.Johnst.**

Beggar's-lice, stickseed, wild comfrey

Lappula* Moench**redowskii* (Hornem.) Greene****var. *redowskii***

Western stickseed

INTRODUCED - ADVENTIVE

Lappula occidentalis (S.Watson) Greene*Lappula redowskii* (Hornem.) Greene var. *occidentalis* (S.Watson) Rydb.***squarrosa* (Retz.) Durmort.**

European stickseed, spiny stickseed, two-row stickseed

INTRODUCED - NATURALIZED

Lappula echinata Gilib.***Lithospermum* L.*****canescens* (Michx.) Lehm.**

Hoary puccoon

caroliniense* (Walter ex J.F.Gmel.) MacMill.*subsp. *croceum* (Fernald) Cusick**

Carolina puccoon, hairy puccoon, plains puccoon

Lithospermum caroliniense (Walter ex J.F.Gmel.) MacMill. var. *croceum* (Fernald) Cronquist*Lithospermum croceum* Fernald***incisum* Lehm.**

Fringed puccoon, narrow-leaved gromwell, narrow-leaved puccoon

***latifolium* Michx.**

American gromwell, broad-leaved gromwell

★ SPECIAL CONCERN

***officinale* L.**

Common gromwell, European gromwell

INTRODUCED - NATURALIZED

Mertensia* Roth**paniculata* (Aiton) G.Don****var. *paniculata***

Northern bluebells, tall lungwort

***virginica* (L.) Pers. ex Link**

Eastern bluebells, Virginia bluebells, Virginia cowslip

Myosotis* L.**arvensis* (L.) Hill**

Field forget-me-not, field scorpion-grass

INTRODUCED - ADVENTIVE

***discolor* Pers.**

Changing forget-me-not, yellow and blue scorpion-grass
INTRODUCED - ADVENTIVE

***laxa* Lehm.**

Bay forget-me-not, small forget-me-not
★ SPECIAL CONCERN

***scorpioides* L.**

Common forget-me-not, forget-me-not, true forget-me-not, water scorpion-grass
INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

***stricta* Link ex Roem. & Schult.**

Blue scorpion-grass, strict forget-me-not
INTRODUCED - ADVENTIVE
Myosotis micrantha Pall. ex Link

***sylvatica* Ehrh. ex Hoffm.**

Garden forget-me-not, woodland forget-me-not
INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

***verna* Nutt.**

Early scorpion-grass, white forget-me-not

***Onosmodium* Michx.**

***bejariense* A.DC.**

var. *hispidissimum* (Mack.) B.L.Turner

False gromwell, marble-seed, soft-hair marble-seed
Onosmodium hispidissimum Mack.
Onosmodium molle Michx. subsp. *hispidissimum* (Mack.) Cochrane
Onosmodium molle Michx. var. *hispidissimum* (Mack.) Cronquist

var. *occidentale* (Mack.) B.L.Turner

Marble-seed, western false gromwell
Onosmodium molle Michx. subsp. *occidentale* (Mack.) Cochrane
Onosmodium molle Michx. var. *occidentale* (Mack.) I.M.Johnst.

***Plagiobothrys* Fisch. & C.A.Mey.**

***scouleri* (Hook. & Arn.) I.M.Johnst.**

var. *penicillatus* (Greene) Cronquist

Meadow plagiobothrys, Scouler's popcorn-flower
INTRODUCED - ADVENTIVE

***Pulmonaria* L.**

***saccharata* Mill.**

Bethlehem lungwort
INTRODUCED - ESCAPED

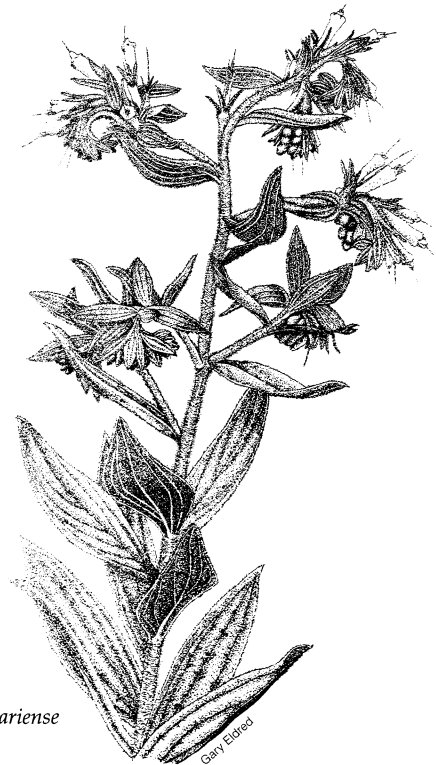
***Symphytum* L.**

***asperum* Lepech.**

Prickly comfrey, rough comfrey
INTRODUCED - RARELY ESCAPED
Symphytum asperrimum Donn

***officinale* L.**

Common comfrey
INTRODUCED - NATURALIZED



Onosmodium bejariense

◆ BRASSICACEAE—Mustard Family

***Alliaria* Heist. ex Fabr.**

***petiolata* (M.Bieb.) Cavara & Grande**

Garlic mustard
INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE
Alliaria officinalis Andr. ex M.Bieb.

Alyssum* L.**alyssoides* (L.) L.**

Pale alyssum, pale madwort, yellow alyssum

INTRODUCED - NATURALIZED

Arabidopsis* Heynh.**thaliana* (L.) Heynh.**

Mouse-ear-cress, thale-cress

INTRODUCED - ADVENTIVE

Arabis* L.**canadensis* L.**

Sickle-pod

***caucasica* Willd.**

Gray rock-cress, wall rock-cress

INTRODUCED - ESCAPED

***divaricarpa* A.Nelson**

Spreading-pod rock-cress

***drummondii* A.Gray**

Drummond's rock-cress

***glabra* (L.) Bernh.**

Tower mustard, tower rock-cress

hirsuta* (L.) Scop.*var. *adpressipilis* (M.Hopkins) Rollins**

Hairy rock-cress

var. *pycnocarpa* (M.Hopkins) Rollins

Cream-flower rock-cress, hairy rock-cress

laevigata* (Muhl. ex Willd.) Poir.*var. *laevigata***

Smooth bank-cress, smooth rock-cress

***lyrata* L.**

Lyrate rock-cress, sand cress

***missouriensis* Greene**

Green rock-cress, Missouri rock-cress

Arabis missouriensis Greene var. *deamii* (M.Hopkins) M.Hopkins

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

***shortii* (Fernald) Gleason**

Short's rock-cress, toothed cress

★ SPECIAL CONCERN

Arabis perstellata E.L.Braun var. *shortii* Fernald***Armoracia* P.Gaertn., B.Mey. & Scherb.*****lacustris* (A.Gray) Al-Shehbaz & V.M.Bates**

Lake cress

✱ ENDANGERED

Armoracia aquatica (Eaton) Wiegand***rusticana* P.Gaertn., B.Mey. & Scherb.**

Horseradish

INTRODUCED - ESCAPED

Armoracia lapathifolia Gilib.***Barbarea* R.Br.*****orthoceras* Ledeb.**

American yellow-rocket, northern winter-cress

***vulgaris* R.Br.**

Garden yellow-rocket, winter-cress, yellow-rocket

INTRODUCED - NATURALIZED

Barbarea vulgaris R.Br. var. *arcuata* (Opiz ex J.Presl & C.Presl) Fr.

Berteroa DC.

incana (L.) DC.

Hoary false madwort, hoary-alyssum
INTRODUCED - NATURALIZED

Brassica L.

juncea (L.) Czern.

Brown mustard, Chinese mustard, Indian mustard
INTRODUCED - NATURALIZED
Brassica juncea (L.) Czern. var. *crispifolia* L.H.Bailey

napus L.

Rape, rutabaga, turnip
INTRODUCED - ESCAPED

nigra (L.) W.D.J.Koch

Black mustard
INTRODUCED - NATURALIZED

rapa L.

Field mustard, rape mustard, turnip
INTRODUCED - ADVENTIVE

Bunias L.

orientalis L.

Hill mustard, Turkish rocket, Turkish warty-cabbage
INTRODUCED - ADVENTIVE

Cakile Mill.

edentula (Bigelow) Hook.

★ SPECIAL CONCERN
American sea-rocket
INTRODUCED - ADVENTIVE

lacustris (Fernald) Pobed.

Sea-rocket
Cakile edentula (Bigelow) Hook. var. *lacustris* Fernald
Cakile edentula (Bigelow) Hook. subsp. *edentula* var. *lacustris* Fernald

Camelina Crantz

microcarpa Andr. ex DC.

Little-pod false flax, small-fruited false flax
INTRODUCED - ADVENTIVE

sativa (L.) Crantz

Gold-of-pleasure, large-seed false flax
INTRODUCED - ADVENTIVE

Capsella Medik.

bursa-pastoris (L.) Medik.

Shepherd's-purse
INTRODUCED - NATURALIZED

Cardamine L.

bulbosa (Schreb. ex Muhl.) Britton, Sterns & Poggenb.

Spring-cress
Cardamine rhomboidea (Pers.) DC.

concatenata (Michx.) O.Schwarz

Cut-leaved toothwort, five-parted toothwort
Dentaria laciniata Muhl. ex Willd.

diphylla (Michx.) A.W.Wood

Broad-leaved toothwort, crinkle-root
Dentaria diphylla Michx.

***douglassii* (Torr.) Britton**

Limestone bitter-cress, purple spring-cress

***maxima* (Nutt.) A.W.Wood**

Large toothwort, three-leaved toothwort

★ SPECIAL CONCERN

Dentaria maxima Nutt.***parviflora* L.****var. *arenicola* (Britton) O.E.Schulz**

Dry-land bitter-cress, sand bitter-cress, small-flowered bitter-cress

***pennsylvanica* Muhl. ex Willd.**

Pennsylvania bitter-cress

***pratensis* L.**

★ SPECIAL CONCERN

var. *palustris* Wimm. & Grab.

Cuckoo-flower

Cardaria* Desv.**draba* (L.) Desv.**

Heart-podded hoary-cress, pepper-weed white-top, white-top

INTRODUCED - ADVENTIVE

***pubescens* (C.A.Mey.) Jarm.**

Globe-podded hoary-cress, hairy white-top

INTRODUCED - ADVENTIVE

Cardaria pubescens (C.A.Mey.) Jarm. var. *elongata* Rollins***Conringia* Heist. ex Fabr.*****orientalis* (L.) Dumort.**

Hare-ear mustard, treacle mustard

INTRODUCED - NATURALIZED

Coronopus* Zinn**didymus* (L.) Sm.**

Lesser swine-cress, wart-cress

INTRODUCED - ADVENTIVE

Descurainia* Webb & Berthel.**pinnata* (Walter) Britton****subsp. *brachycarpa* (Richardson) Detling**

Green tansy mustard, pinnate tansy mustard, western tansy mustard

Descurainia pinnata (Walter) Britton var. *brachycarpa* (Richardson) Fernald***sophia* (L.) Webb ex Prantl**

Flix-weed, herb-Sophia, tansy mustard

INTRODUCED - NATURALIZED

Diplotaxis* DC.**muralis* (L.) DC.**

Sand rocket, stinking wall-rocket

INTRODUCED - ADVENTIVE

Draba* L.**arabisans* Michx.**

Rock whitlow-grass

★ SPECIAL CONCERN

Draba arabisans Michx. var. *superiorensis* Butters & Abbe***cana* Rydb.**

Hoary whitlow-grass

Draba breweri S.Watson var. *cana* (Rydb.) Rollins*Draba lanceolata* Royle

☉ ENDANGERED - LISTED UNDER THIS SYNONYM BY THE DNR

nemorosa L.

var. *leiocarpa* Lindblom

Woodland draba, woodland whitlow-grass

INTRODUCED - ADVENTIVE

reptans (Lam.) Fernald

Carolina whitlow-grass, common whitlow-grass

Draba reptans (Lam.) Fernald f. *micrantha* (Nutt.) C.L.Hitchc.

Draba reptans (Lam.) Fernald var. *micrantha* (Nutt.) Fernald

verna L.

Spring whitlow-grass, vernal whitlow-grass

INTRODUCED - ADVENTIVE

***Erucastrum* C.Presl**

gallicum (Willd.) O.E.Schulz

Common dog-mustard, dog-mustard

INTRODUCED - NATURALIZED

***Erysimum* L.**

capitatum (Douglas ex Hook.) Greene

var. *capitatum*

Sand-dune wallflower

INTRODUCED - ADVENTIVE

Erysimum arkansanum Nutt.

Erysimum asperum auct. non (Nutt.) DC.

cheiranthoides L.

Worm-seed mustard, worm-seed wallflower

INTRODUCED - NATURALIZED

durum J.Presl & C.Presl

Wallflower

INTRODUCED - ADVENTIVE

Erysimum hieracifolium L. (sensu lato)

Erysimum hieracifolium L. subsp. *durum* (J.Presl & C.Presl) Hegi & Em.Schmid

inconspicuum (S.Watson) MacMill.

Small worm-seed mustard, shy wallflower

INTRODUCED - NATURALIZED

***Hesperis* L.**

matronalis L.

Dame's rocket

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

***Iberis* L.**

umbellata L.

Globe candytuft

INTRODUCED - ADVENTIVE

***Iodanthus* (Torr. & A.Gray) Rchb.**

pinnatifidus (Michx.) Steud.

Purple rocket

INTRODUCED - ADVENTIVE

***Lepidium* L.**

campestre (L.) R.Br.

Fieldcress, field pepper-weed

INTRODUCED - NATURALIZED

densiflorum Schrad.

var. *densiflorum*

Prairie pepper-weed, small peppergrass

var. *densiflorum* × *L. virginicum* L. var. *virginicum*

var. *macrocarpum* G.A.Mulligan

Big-seed pepper-weed

***perfoliatum* L.**

Clasping cress, clasping pepper-weed

INTRODUCED - ADVENTIVE

***runderale* L.**

Fetid peppergrass, roadside pepper-weed, stinking pepper-weed

INTRODUCED - ADVENTIVE

virginicum* L.*var. *virginicum***

Common peppergrass, poor-man's-pepper, Virginia pepper-weed

Lesquerella* S.Watson**ludoviciana* (Nutt.) S.Watson**

Foothill bladder-pod, silver bladder-pod

★ THREATENED

Lobularia* Desv.**maritima* (L.) Desv.**

Seaside lobularia, sweet-alyssum

INTRODUCED - ESCAPED

Malcolmia* R.Br.**maritima* (L.) R.Br.**

Virginia stock

INTRODUCED - ESCAPED

Nasturtium* R.Br.**microphyllum* Boenn. ex Rchb.**

One-row yellow-cress, watercress

INTRODUCED - ADVENTIVE

Rorippa microphylla (Boenn. ex Rchb.) Hyl. ex A.Löve & D.Löve***officinale* R.Br.**

Watercress

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Rorippa nasturtium-aquaticum (L.) Hayek**× *sterile* (Airy Shaw) Oefelein**

Yellow-cress

INTRODUCED - ADVENTIVE

= *Nasturtium microphyllum* Boenn. ex Rchb. × *N. officinale* R.Br.*Rorippa* × *sterilis* Airy Shaw***Neslia* Desv.*****paniculata* (L.) Desv.**

Ball mustard

INTRODUCED - ADVENTIVE

Raphanus* L.**raphanistrum* L.**

Jointed charlock, white charlock, wild radish

INTRODUCED - NATURALIZED

***sativus* L.**

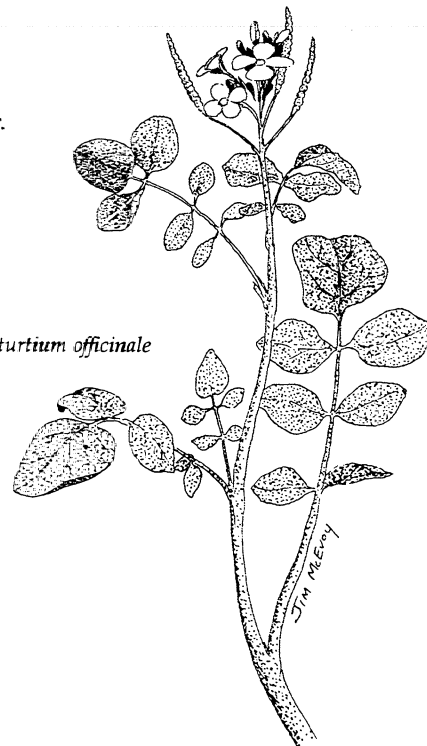
Garden radish, wild radish

INTRODUCED - ESCAPED

Rapistrum* Crantz**rugosum* (L.) All.****subsp. *orientale* (L.) Arcang.**

Annual bastard-cabbage, Oriental bastard-cabbage, wild rape

INTRODUCED - ADVENTIVE

Nasturtium officinale

Rorippa Scop.

***austriaca* (Crantz) Besser**

Austrian field cress, Austrian yellow-cress, field yellow-cress

INTRODUCED - LOCALLY ESTABLISHED

***palustris* (L.) Besser**

subsp. *fernaldiana* (Butters & Abbe) Jonsell

Fernald's yellow-cress, marsh-cress

Rorippa islandica (Oeder) Borbás var. *fernaldiana* Butters & Abbe

Rorippa islandica (Oeder) Borbás var. *glabrata* (Lunell) Butters & Abbe

Rorippa palustris (L.) Besser subsp. *glabra* (O.E.Schulz) Stuckey var. *fernaldiana* (Butters & Abbe) Stuckey

Rorippa palustris (L.) Besser var. *fernaldiana* (Butters & Abbe) Stuckey

subsp. *hispida* (Desv.) Jonsell

Hispid marsh-cress, hispid yellow-cress

Rorippa islandica (Oeder) Borbás var. *hispida* (Desv.) Butters & Abbe

Rorippa palustris (L.) Besser var. *hispida* (Desv.) Rydb.

var. *× reptabunda* (Fernald) Stuckey

= *Rorippa palustris* (L.) Besser subsp. *fernaldiana* (Butters & Abbe) Jonsell *× R. palustris* (L.) Besser

subsp. *hispida* (Desv.) Jonsell

***sessiliflora* (Nutt.) Hitchc.**

Southern yellow-cress, stalkless yellow-cress

***sinuata* (Nutt.) Hitchc.**

Spreading yellow-cress, western yellow-cress

***sylvestris* (L.) Besser**

Creeping yellow-cress

INTRODUCED - NATURALIZED

Sinapis L.

***alba* L.**

White mustard

INTRODUCED - ADVENTIVE

Brassica alba (L.) Rabenh.

Brassica hirta Moench

***arvensis* L.**

California rape, charlock mustard

INTRODUCED - NATURALIZED

Brassica kaber (DC.) L.C.Wheeler var. *pinnatifida* (Stokes) L.C.Wheeler

Brassica kaber (DC.) L.C.Wheeler var. *schkuhriana* (Rchb.) L.C.Wheeler

Sisymbrium L.

***altissimum* L.**

Tall tumble mustard

INTRODUCED - NATURALIZED

***loeselii* L.**

Small tumbleweed mustard, tall hedge-mustard

INTRODUCED - ADVENTIVE

***officinale* (L.) Scop.**

Hedge-mustard

INTRODUCED - NATURALIZED

Sisymbrium officinale (L.) Scop. var. *leiocarpum* DC.

Thlaspi L.

***arvense* L.**

Field pennycress

INTRODUCED - NATURALIZED

◆ CABOMBACEAE—Water-shield Family

***Brasenia* Schreb.**

schreberi J.F.Gmel.
Water-shield

◆ CACTACEAE—Cactus Family

***Opuntia* Mill.**

fragilis (Nutt.) Haw.

★ THREATENED

var. *fragilis*

Brittle prickly-pear, little prickly-pear, pygmy prickly-pear

humifusa (Raf.) Raf.

var. *humifusa*

Eastern prickly-pear cactus

Opuntia compressa J.F.Macbr.

Opuntia compressa J.F.Macbr. var. *microsperma* (Engelm. & Bigelow) L.D.Benson

macrorhiza Engelm.

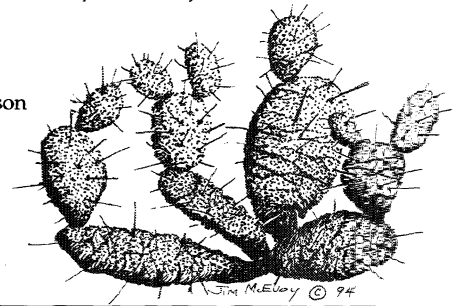
var. *macrorhiza*

Plains prickly-pear, twist-spine prickly-pear

Opuntia compressa J.F.Macbr. var. *macrorhiza* (Engelm.) L.D.Benson

Opuntia tortispina Engelm. & Bigelow

Opuntia humifusa



◆ CAESALPINIACEAE—Senna Family

***Cercis* L.**

canadensis L.

var. *canadensis*

Eastern redbud

INTRODUCED - ESCAPED

***Chamaecrista* Moench**

fasciculata (Michx.) Greene

Golden cassia, locust-weed, partridge pea, sleeping-plant

Cassia fasciculata Michx.

***Gleditsia* L.**

triacanthos L.

Honey locust

Gleditsia triacanthos L. f. *inermis* (L.) Zabel

***Gymnocladus* Lam.**

dioica (L.) K.Koch

Kentucky coffee-tree

★ SPECIAL CONCERN

***Senna* Mill.**

hebecarpa (Fernald) H.S.Irwin & Barneby

American wild sensitive-plant, northern wild senna

Cassia hebecarpa Fernald

marilandica (L.) Link

Maryland senna, southern wild senna

Cassia marilandica L.

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

Cassia medsgeri Shafer

***obtusifolia* (L.) H.S.Irwin & Barneby**

Coffee-weed, sickle-pod

INTRODUCED - ADVENTIVE

Cassia tora auct. non L.

◆ **CALLITRICHACEAE—Water-starwort Family**

***Callitriche* L.**

***hermaphroditica* L.**

Autumnal water-starwort, northern water-starwort

★ SPECIAL CONCERN

***heterophylla* Pursh**

Large water-starwort

★ THREATENED

***marginata* Torr.**

Winged water-starwort

***palustris* L.**

Common water-starwort, vernal water-starwort

Callitriche verna L.

***stagnalis* Scop. emend Kütz.**

Pond water-starwort

INTRODUCED - ADVENTIVE

***terrestris* Raf.**

Terrestrial water-starwort

Callitriche deflexa A.Braun

◆ **CAMPANULACEAE—Bellflower, Bluebell Family**

***Campanula* L.**

***americana* L.**

American bellflower, tall bellflower

Campanulastrum americanum (L.) Small

***aparinoides* Pursh**

var. *aparinoides*

Marsh bellflower

var. *grandiflora* Holz.

Marsh bellflower

Campanula uliginosa Rydb.

***glomerata* L.**

Clustered bellflower, Dane's blood

INTRODUCED - RARELY ESCAPED

***latifolia* L.**

Giant bellflower

INTRODUCED - RARELY ESCAPED

***persicifolia* L.**

Peach-leaved bellflower

INTRODUCED - RARELY ESCAPED

***rapunculoides* L.**

Creeping bellflower, European bellflower, rampion bellflower, rover bellflower

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

***rotundifolia* L.**

Bluebell, bluebell bellflower, harebell

Campanula petiolata A.DC.

Campanula rotundifolia L. var. *intercedens* (Witasek) Farw.

***trachelium* L.**

Bat-in-the-belfry, throat-wort

INTRODUCED - RARELY ESCAPED

Triodanis Raf. ex Greene*perfoliata* (L.) Nieuwl.

Clasping Venus'-looking-glass, round-leaved triodanis

Specularia perfoliata (L.) A.DC.◆ **CANNABACEAE—Indian Hemp Family*****Cannabis* L.***sativa* L.

Hemp, Indian hemp, marijuana

INTRODUCED - NATURALIZED

Cannabis sativa L. subsp. *indica* (Lam.) E.Small & Cronquist*Cannabis sativa* L. subsp. *sativa* var. *spontanea* Vavilov***Humulus* L.***japonicus* Siebold & Zucc.

Japanese hop

INTRODUCED - ESCAPED

lupulus L.var. *lupuloides* E.Small

Common hop, hop

Humulus americanus Nutt.var. *lupulus*

Brewer's hop, cultivated hop

INTRODUCED - PERSISTING AND SPREADING

var. *neomexicanus* A.Nelson & Cockerell

Common hop

var. *pubescens* E.Small

Common hop

◆ **CAPPARIDACEAE—Caper Family*****Cleome* L.***hassleriana* Chodat

Pink-queen, spider-flower

INTRODUCED - ESCAPED

Cleome spinosa auct. non Jacq., non L.*serrulata* Pursh

Rocky Mountain bee-plant, stinking-clover, toothed spider-flower

INTRODUCED - ADVENTIVE

Polanisia* Raf.dodecandra* (L.) DC.subsp. *dodecandra*

Rough-seed clammy-weed

Polanisia graveolens Raf.subsp. *trachysperma* (Torr. & A.Gray) H.H.Iltis

Large clammy-weed

INTRODUCED - ADVENTIVE

Polanisia dodecandra (L.) DC. var. *trachysperma* (Torr. & A.Gray) H.H.Iltis*Polanisia trachysperma* Torr. & A.Gray*jamesii* (Torr. & A.Gray) H.H.Iltis

James' clammy-weed, James' cristatella

★ SPECIAL CONCERN

◆ CAPRIFOLIACEAE—Honeysuckle Family

***Diervilla* Mill.**

***lonicera* Mill.**

Northern bush-honeysuckle
Diervilla lonicera Mill. var. *hypomalaca* Fernald

***Linnaea* L.**

***borealis* L.**

subsp. ***longiflora* (Torr.) Hultén**
Twinflower
Linnaea borealis L. var. *americana* (Forbes) Rehder
Linnaea borealis L. var. *longiflora* Torr.

***Lonicera* L.**

***canadensis* W.Bartram ex Marshall**

American fly honeysuckle

***dioica* L.**

var. ***dioica***
Limber honeysuckle, mountain honeysuckle, red honeysuckle

var. ***glaucescens* (Rydb.) Butters**
Wild honeysuckle

***hirsuta* Eaton**

Hairy honeysuckle
Lonicera hirsuta Eaton var. *interior* Gleason

***involutrata* (Richardson) Banks ex Spreng.**

☉ ENDANGERED

var. ***involutrata***

Bearberry honeysuckle, fly honeysuckle, twin-berry honeysuckle

***japonica* Thunb.**

Japanese honeysuckle
INTRODUCED - RARELY ESCAPED; POTENTIALLY INVASIVE

***maackii* (Rupr.) Maxim.**

Amur honeysuckle, Maack's honeysuckle
INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE
Lonicera maackii (Rupr.) Herder f. *podocarpa* Rehder

***morrowii* A.Gray**

Asian fly honeysuckle, Morrow's honeysuckle
INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

***oblongifolia* (Goldie) Hook.**

Swamp fly honeysuckle

***reticulata* Raf.**

Grape honeysuckle, yellow honeysuckle
Lonicera prolifera (Kirchn.) Booth ex Rehder
Lonicera prolifera (Kirchn.) Booth ex Rehder var. *glabra* Gleason

***tatarica* L.**

Tartarian honeysuckle
INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE
Lonicera tatarica L. f. *albiflora* (DC.) House
Lonicera tatarica L. var. *xanthocarpa* Endl.

***villosa* (Michx.) Schult.**

Mountain fly honeysuckle
Lonicera caerulea L. var. *villosa* (Michx.) Torr. & A.Gray

***xylosteum* L.**

Dwarf honeysuckle, European fly honeysuckle
INTRODUCED - RARELY ESCAPED

× *bella* Zabel

Bell's honeysuckle, showy bush honeysuckle, white-bell honeysuckle

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

= *Lonicera morrowii* A.Gray × *L. tatarica* L.

× *minutiflora* Zabel

INTRODUCED - ESCAPED

= *Lonicera morrowii* A.Gray × *L. xylosteoides* Tausch

× *muendeniense* Rehder

INTRODUCED - ESCAPED

= *Lonicera* × *bella* Zabel × *L. ruprechtiana* Regel

× *notha* Zabel

INTRODUCED - ESCAPED

= *Lonicera ruprechtiana* Regel × *L. tatarica* L.

× *xylosteoides* Tausch

INTRODUCED - RARELY ESCAPED

= *Lonicera tatarica* L. × *L. xylosteum* L.

Sambucus* L.canadensis* L.var. *canadensis*

American elder, elderberry

Sambucus canadensis L. var. *laciniata* A.Gray

Sambucus nigra L. subsp. *canadensis* (L.) R.Bolli

racemosa L.subsp. *pubens* (Michx.) House var. *pubens*

Red elderberry, red-berried elder, scarlet elderberry

Sambucus pubens Michx.

Sambucus pubens Michx. f. *dissecta* (Britton) Schwer.

Sambucus racemosa L. var. *pubens* (Michx.) Koehne

Symphoricarpos* DuRoialbus* (L.) S.F.Blakevar. *albus*

Snowberry

Symphoricarpos albus (L.) S.F.Blake var. *pauciflorus* (W.J.Robbins ex A.Gray) S.F.Blake

var. *laevigatus* S.F.Blake

Western snowberry

INTRODUCED - ESCAPED

occidentalis Hook.

Western snowberry, wolfberry

orbiculatus Moench

Buck-brush, coral-berry, Indian currant

INTRODUCED - ESCAPED

Triosteum* L.aurantiacum* E.P.Bicknellvar. *aurantiacum*

Early horse-gentian, orange-fruit horse-gentian

Triosteum aurantiacum E.P.Bicknell f. *glaucescens* (Wiegand) F.C.Lane

Triosteum aurantiacum E.P.Bicknell var. *glaucescens* Wiegand

Triosteum perfoliatum L. var. *aurantiacum* (E.P.Bicknell) Wiegand

var. *illinoense* (Wiegand) E.J.Palmer & Steyerl.

Illinois horse-gentian, orange-fruit horse-gentian

Triosteum illinoense (Wiegand) Rydb.

Triosteum illinoense (Wiegand) Rydb. f. *glabrescens* F.C.Lane

perfoliatum L.

Feverwort, late horse-gentian, tinker's-weed, wild-coffee

Viburnum L.

acerifolium L.

Dockmackie, maple-leaved arrow-wood, maple-leaved viburnum

Viburnum acerifolium L. f. *collinsii* Rouleau

Viburnum acerifolium L. f. *eburneum* House

Viburnum acerifolium L. f. *ovatum* Rehder

dentatum L.

var. lucidum Aiton

Southern arrow-wood

INTRODUCED - RARELY ESCAPED

Viburnum recognitum Fernald

edule (Michx.) Raf.

Moose-berry viburnum, squash-berry

☛ ENDANGERED

Viburnum pauciflorum Bach.Pyl. ex Torr. & A.Gray

lantana L.

Wayfaring-tree

INTRODUCED - ESCAPED; POTENTIALLY INVASIVE

lentago L.

Nannyberry, sheepberry

nudum L.

var. cassinoides (L.) Torr. & A.Gray

Possum-haw, northern wild-raisin, withe-rod

Viburnum cassinoides L.

☛ ENDANGERED - LISTED UNDER THIS SYNONYM BY THE DNR

opulus L.

subsp. opulus

Cranberry viburnum, European cranberry-bush, guelder rose, snowball-bush

INTRODUCED - ESCAPED; POTENTIALLY INVASIVE

subsp. trilobum (Marshall) R.T.Clausen

American cranberry-bush, cranberry viburnum

Viburnum opulus L. var. *americanum* Aiton

Viburnum opulus L. var. *trilobum* (Marshall) McAtee

Viburnum trilobum Marshall

prunifolium L.

Black-haw, smooth black-haw

☆ SPECIAL CONCERN

rafinesquianum Schult.

var. affine (Bush ex C.K.Schneid.) House

Arrow-wood, downy arrow-wood

Viburnum affine Bush ex C.K.Schneid.

var. rafinesquianum

Arrow-wood, downy arrow-wood

Viburnum affine Bush ex C.K.Schneid. var. *hypomalacum* S.F.Blake

◆ **CARYOPHYLLACEAE—Pink Family**

Agrostemma L.

githago L.

Corn cockle

INTRODUCED - ADVENTIVE

Arenaria L.

lateriflora L.

Grove sandwort, wood sandwort

Moehringia lateriflora (L.) Fenzl

***macrophylla* Hook.**

Large-leaved sandwort

Moehringia macrophylla (Hook.) Fenzl

☉ ENDANGERED - LISTED UNDER THIS SYNONYM BY THE DNR

***patula* Michx.**

Slender sandwort

Minuartia patula (Michx.) Mattf.***serpyllifolia* L.**

Thyme-leaved sandwort

INTRODUCED - NATURALIZED

Arenaria serpyllifolia L. subsp. *leptoclados* (Rchb.) Nyman***stricta* Michx.****subsp. *dawsonensis* (Britton) Maguire**

Northern rock sandwort, rock stitchwort

Arenaria dawsonensis Britton*Arenaria stricta* Michx. var. *dawsonensis* (Britton) Scoggan*Minuartia dawsonensis* (Britton) House

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

subsp. *stricta*

Rock sandwort, stiff sandwort

Minuartia michauxii (Fenzl) Farw.***Cerastium* L.*****arvense* L.****subsp. *arvense***

Field chickweed, starry grasswort

subsp. *velutinum* (Raf.) Ugbor. var. *velutinum*

Field chickweed, starry grasswort

Cerastium arvense L. var. *oblongifolium* (Torr.) Hollick & Britton***brachypodium* (Engelm. ex A.Gray) B.L.Rob.**

Short-stalk chickweed

fontanum* Baumg. emend Jalas*subsp. *vulgare* (Hartm.) Greuter & Burdet**

Big mouse-ear chickweed, common chickweed, common mouse-ear, mouse-ear chickweed

INTRODUCED - NATURALIZED

Cerastium vulgatum L. 1762, non 1755*Cerastium vulgatum* L. var. *hirsutum* Fr.*Cerastium vulgatum* L. var. *hirsutum* Fr. f. *glandulosum* (Boenn.) Druce***nutans* Raf.**

Nodding chickweed

***semidecandrum* L.**

Five-stamen chickweed, small mouse-ear chickweed

INTRODUCED - ADVENTIVE

***tomentosum* L.**

Snow-in-summer

INTRODUCED - PERSISTING AND SPREADING

Dianthus* L.**armeria* L.**

Deptford pink

INTRODUCED - ESCAPED

***barbatus* L.**

Sweet-William

INTRODUCED - ESCAPED

***carthusianorum* L.**

Cluster-head pink

INTRODUCED - ESCAPED

deltoides L.

Maiden pink, meadow pink
INTRODUCED - ESCAPED

plumarius L.

Cottage pink, feathered pink, garden pink
INTRODUCED - ESCAPED

***Gypsophila* L.**

acutifolia Steven ex Spreng.

Big baby's-breath, sharp-leaf baby's-breath
INTRODUCED - ESCAPED

elegans M.Bieb.

Showy baby's-breath
INTRODUCED - ESCAPED

muralis L.

Cushion baby's-breath, low baby's-breath
INTRODUCED - ESCAPED

paniculata L.

Baby's-breath, baby's-breath gypsophila, common baby's-breath
INTRODUCED - ESCAPED; ECOLOGICALLY INVASIVE

scorzonerifolia Ser.

Garden baby's-breath
INTRODUCED - ESCAPED

***Herniaria* L.**

hirsuta L.

subsp. *cinerea* (DC.) Cout.

Hairy rupture-wort
INTRODUCED - ADVENTIVE
Herniaria cinerea DC.

***Holosteum* L.**

umbellatum L.

Jagged chickweed
INTRODUCED - ADVENTIVE

***Lychnis* L.**

chalcedonica L.

Maltese cross, scarlet lychnis
INTRODUCED - RARELY ESCAPED

coronaria (L.) Desr.

Mullein-pink, rose campion
INTRODUCED - ESCAPED

flos-cuculi L.

Ragged-robin
INTRODUCED - ADVENTIVE

viscaria L.

Clammy campion, German catchfly
INTRODUCED - ESCAPED

***Paronychia* Mill.**

canadensis (L.) A.W.Wood

Smooth forked nail-wort, tall forked chickweed

fastigiata (Raf.) Fernald

var. *fastigiata*

Hairy forked nail-wort, low forked chickweed

var. *paleacea* Fernald

Hairy forked nail-wort, low forked chickweed

Petrorhagia* (Ser.) Link**saxifraga* (L.) Link**

Saxifrage pink

INTRODUCED - ESCAPED

Tunica saxifraga (L.) Scop.***Sagina* L.*****procumbens* L.**

Bird's-eye pearl-wort

INTRODUCED - LOCALLY ESTABLISHED

Saponaria* L.**officinalis* L.**

Bouncing-bet, soapwort

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

Scleranthus* L.**annuus* L.**

Annual knawel, German knotgrass

INTRODUCED - NATURALIZED

***perennis* L.**

Perennial knawel

INTRODUCED - LOCALLY ESTABLISHED

Silene* L.**antirrhina* L.**

Sleepy catchfly, sleepy silene

Silene antirrhina L. f. *apetala* Farw.*Silene antirrhina* L. f. *bicolor* Farw.*Silene antirrhina* L. f. *deaneana* Fernald***armeria* L.**

Sweet-William catchfly, sweet-William silene

INTRODUCED - ESCAPED

***csereii* Baumg.**

Balkan catchfly, glaucous campion

INTRODUCED - NATURALIZED

***dichotoma* Ehrh.**

Dichotoma silene, forked catchfly

INTRODUCED - NATURALIZED

latifolia* Poir.*subsp. *alba* (Mill.) Greuter & Burdet**

Bladder campion, white campion, white cockle

INTRODUCED - NATURALIZED

Lychnis alba Mill.*Silene pratensis* (Rafn) Godr. & Gren.***nivea* (Nutt.) Muhl. ex Otth**

Evening campion, snowy campion, white campion

★ THREATENED

***noctiflora* L.**

Night-flowering catchfly, sticky cockle

INTRODUCED - NATURALIZED

stellata* (L.) W.T.Aiton*var. *scabrella* (Nieuwl.) E.J.Palmer & Steyerm.**

Starry campion, widow's-frill

***virginica* L.**

Fire pink, scarlet catchfly

✪ ENDANGERED

***vulgaris* (Moench) Garcke**

Bladder-campion, maiden's-tears

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

Silene cucubalus Wibel

Silene latifolia (Mill.) Britten & Rendle

***Spergula* L.**

***arvensis* L.**

Corn spurry

INTRODUCED - NATURALIZED

***Spergularia* (Pers.) J.Presl & C.Presl**

***marina* (L.) Griseb.**

Salt-marsh sand spurry

INTRODUCED - ADVENTIVE

Spergularia salina J.Presl & C.Presl

***rubra* (L.) J.Presl & C.Presl**

Red sand spurry, roadside sand spurry

INTRODUCED - NATURALIZED

***Stellaria* L.**

***aquatica* (L.) Scop.**

Giant chickweed, water chickweed

INTRODUCED - NATURALIZED

Myosoton aquaticum (L.) Moench

***borealis* Bigelow**

subsp. *borealis*

Boreal starwort, northern starwort

Stellaria calycantha (Ledeb.) Bong. var. *floribunda* (Fernald) Fernald

Stellaria calycantha (Ledeb.) Bong. var. *isophylla* (Fernald) Fernald

***calycantha* (Ledeb.) Bong.**

Northern starwort

***crassifolia* Ehrh.**

Fleshy stitchwort

***graminea* L.**

Common stitchwort, grass-like starwort, starwort

INTRODUCED - NATURALIZED

***holostea* L.**

Adder's-meat, Easter-bell

INTRODUCED - ADVENTIVE

***longifolia* Muhl. ex Willd.**

var. *atrata* J.W.Moore

Long-leaved stitchwort

var. *longifolia*

Long-leaved stitchwort

***longipes* Goldie**

Long-leaved starwort, long-stalked sitchwort

***media* (L.) Vill.**

Common chickweed

INTRODUCED - NATURALIZED

***palustris* Retz.**

European chickweed, marsh stitchwort, meadow starwort

INTRODUCED - ADVENTIVE

***Vaccaria* Wolf**

***hispanica* (Mill.) Rauschert**

Cow-herb, cow soapwort

INTRODUCED - ADVENTIVE

Saponaria vaccaria L.

Vaccaria pyramidata Medik.

Vaccaria segetalis Garcke ex Aschers.

◆ CELASTRACEAE—Bittersweet Family

Celastrus* L.**orbiculata* Thunb.**

Asian bittersweet, Asiatic bittersweet, Oriental bittersweet
INTRODUCED - LOCALLY ESTABLISHED; ECOLOGICALLY INVASIVE

***scandens* L.**

American bittersweet, climbing bittersweet

Euonymus* L.**alata* (Thunb.) Siebold**

Winged burning-bush, winged euonymus, winged spindle-tree
INTRODUCED - ESCAPED; POTENTIALLY INVASIVE

atropurpurea* Jacq.*var. *atropurpurea***

Burning-bush, eastern wahoo

***europaea* L.**

European spindle-tree
INTRODUCED - ESCAPED

◆ CERATOPHYLLACEAE—Hornwort Family

Ceratophyllum* L.**demersum* L.**

Coon's-tail, hornwort

***echinatum* A.Gray**

Prickly hornwort, spiny hornwort
★ SPECIAL CONCERN

◆ CHENOPODIACEAE—Goosefoot Family

Atriplex* L.**hortensis* L.**

Garden orache
INTRODUCED - ESCAPED

patula* L.*subsp. *patula***

Common orache, spear-scale, spear saltbush
INTRODUCED - NATURALIZED

***prostrata* Boucher ex DC.**

Triangle orache

Atriplex patula L. subsp. *hastata* sensu H.M.Hall & Clem., pro parte

Atriplex patula L. var. *hastata* auct. non (L.) A.Gray

***rosea* L.**

Red orache, tumbling saltweed
INTRODUCED - ADVENTIVE

Chenopodium* L.**album* L.**

Common lamb's-quarters, lamb's-quarters, pigweed
INTRODUCED - NATURALIZED

Chenopodium album L. var. *stevensii* Aellen

***ambrosioides* L.**

Mexican tea, wormwood, worm-seed
INTRODUCED - ADVENTIVE

Chenopodium ambrosioides L. var. *anthelminticum* (L.) A.Gray

berlandieri Moq.

var. **bushmanum** (Aellen) Cronquist

Bush's goosefoot, pit-seed goosefoot

var. **zschackei** (Murr) Murr ex Asch.

Pit-seed goosefoot, Zschack's goosefoot

botrys L.

Feather-geranium, Jerusalem-oak goosefoot

INTRODUCED - ADVENTIVE

capitatum (L.) Asch.

Blite goosefoot, strawberry-blite

foliosum (Moench) Asch.

Leafy goosefoot

INTRODUCED - ADVENTIVE

glaucum L.

Oak-leaved goosefoot

INTRODUCED - ADVENTIVE

missouriense Aellen

Missouri goosefoot

Chenopodium album L. var. *missouriense* (Aellen) Bassett & Crompton

murale L.

Nettle-leaved goosefoot, sowbane

INTRODUCED - ADVENTIVE

polyspermum L.

Many-seed goosefoot

INTRODUCED - ADVENTIVE

Chenopodium polyspermum L. var. *acutifolium* (Sm.) Gaudin

pratericola Rydb.

Desert goosefoot

Chenopodium desiccatum A.Nelson var. *leptophylloides* (Murr) Wahl

Chenopodium foggii Wahl

Chenopodium leptophyllum Nutt. ex S.Watson, sensu Swink & Wilhelm (1994)

Chenopodium subglabrum (S.Watson) A.Nelson, sensu Voss (1985)

pumilio R.Br.

Clammy goosefoot

INTRODUCED - ADVENTIVE

rubrum L.

Alkali-blite, red goosefoot

INTRODUCED - ADVENTIVE

simplex (Torr.) Raf.

Maple-leaved goosefoot

Chenopodium gigantospermum Aellen

Chenopodium hybridum L. var. *gigantospermum* (Aellen) Rouleau

standleyanum Aellen

Standley's goosefoot, woodland goosefoot

Chenopodium berlandieri Moq. var. *boscianum* (Moq.) Wahl

Chenopodium boscianum Moq., misapplied

strictum Roth

subsp. **glaucophyllum** (Aellen) Aellen & K.Just

Late-flowering goosefoot

subsp. **strictum**

Late-flowering goosefoot

INTRODUCED - ADVENTIVE

urbicum L.

City goosefoot

INTRODUCED - ADVENTIVE

Corispermum L.*hyssopifolium* L.

Common bugseed, hyssop-leaf tickseed

INTRODUCED - NATURALIZED

Corispermum nitidum auct. non Kit. ex Schult.**Cycloloma Moq.***atriplicifolium* (Spreng.) J.M.Coult.

Winged pigweed

Kochia Roth*scoparia* (L.) Schrad.

Burning bush, common kochia, summer-cypress

INTRODUCED - NATURALIZED

Kochia scoparia (L.) Schrad. var. *culta* Farw.**Salsola L.***tragus* L.

Prickly Russian thistle, Russian thistle

INTRODUCED - NATURALIZED

Salsola iberica Sennen & Pau*Salsola kali* L. subsp. *tragus* (L.) Celak.*Salsola kali* L. var. *tenuifolia* Tausch**Suaeda Forssk. ex J.F.Gmel.***calceoliformis* (Hook.) Moq.

Plains sea-blite, Pursh's seep-weed

INTRODUCED - ADVENTIVE

Suaeda depressa auct. non (Pursh) S.Watson◆ **CISTACEAE—Rock-rose Family****Helianthemum Mill.***bicknellii* Fernald

Bicknell's rock-rose, hoary frostweed, rock-rose

canadense (L.) Michx.

Common rock-rose, long-branch frostweed

Hudsonia L.*tomentosa* Nutt.var. *tomentosa*

False heather, woolly beach-heather

Lechea L.*intermedia* Legg. ex Brittonvar. *intermedia*

Intermediate pinweed, large-pod pinweed

stricta Legg. ex Britton

Bushy pinweed, prairie pinweed

tenuifolia Michx.

Narrow-leaved pinweed, slender-leaved pinweed

Lechea tenuifolia Michx. var. *occidentalis* Hodgdon◆ **COMPOSITAE—SEE ASTERACEAE**

◆ CONVULVULACEAE—Morning-glory Family

***Calystegia* R.Br.**

***sepium* (L.) R.Br.**

Hedge bindweed, hedge false bindweed

Calystegia sepium (L.) R.Br. subsp. *americana* (Sims) Brummitt

Calystegia sepium (L.) R.Br. subsp. *angulata* Brummitt

Convolvulus sepium L.

Convolvulus sepium L. var. *repens* (L.) A.Gray

***spithamaea* (L.) Pursh**

Low bindweed, low false bindweed

Calystegia spithamaea (L.) Pursh subsp. *stans* (Michx.) Brummitt

Convolvulus spithamaeus L.

Convolvulus spithamaeus L. var. *stans* (Michx.) Fogelberg

***Convolvulus* L.**

***arvensis* L.**

Field bindweed

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

NOXIOUS WEED

Convolvulus arvensis L. var. *obtusifolius* Choisy

***Ipomoea* L.**

***hederacea* Jacq.**

Ivy-leaved morning-glory

INTRODUCED - NATURALIZED

Ipomoea hederacea Jacq. var. *integriuscula* A.Gray

Ipomoea nil (L.) Roth, sensu Lange (1998)

***purpurea* (L.) Roth**

Common morning-glory, tall morning-glory

INTRODUCED - NATURALIZED

◆ CORNACEAE—Dogwood Family

***Cornus* L.**

***alternifolia* L.f.**

Alternate-leaved dogwood, pogoda dogwood

***amomum* Mill.**

var. *schuetzeana* (C.A.Mey.) Rickett

Blue-fruited dogwood, silky dogwood

Cornus amomum Mill. subsp. *obliqua* (Raf.) J.S.Wilson

Cornus obliqua Raf.

***canadensis* L.**

Bunchberry, bunchberry dogwood, dwarf cornel

Cornus canadensis L. f. *elongata* M.Peck

***racemosa* Lam.**

Gray dogwood, northern swamp dogwood, panicked dogwood

NATIVE - POTENTIALLY INVASIVE

Cornus foemina Mill. subsp. *racemosa* (Lam.) J.S.Wilson

Cornus foemina Mill., sensu Drescher (1933)

***rugosa* Lam.**

Round-leaved dogwood

***stolonifera* Michx.**

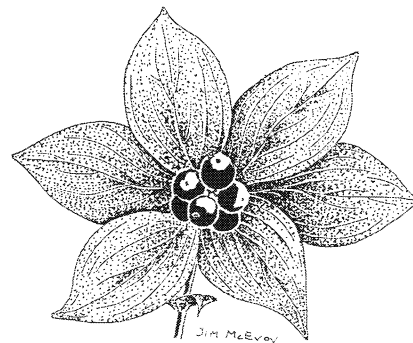
Red osier dogwood

NATIVE - POTENTIALLY INVASIVE

Cornus sericea L.

Cornus stolonifera Michx. var. *baileyi* (J.M.Coult. & W.H.Evans) Drescher

Cornus canadensis



◆ CRASSULACEAE—Sedum, Stonecrop Family

Jovibarba* Opizheuffelii* (Schott) A.Löve & D.Löve

Hen-and-chickens

INTRODUCED - ESCAPED

Sempervivum heuffelii Schott***Penthorum* - see Saxifragaceae*****Sedum* L.***acre* L.

Gold-moss stonecrop, wall pepper, yellow sedum

INTRODUCED - NATURALIZED

alboroseum Baker

Garden orpine, garden stonecrop

INTRODUCED - LOCALLY ESTABLISHED

Hylotelephium erythroctictum (Miq.) H.Ohba*Sedum* × *erythroctictum* Miq.*ochroleucum* Chaix

European stonecrop

INTRODUCED - ESCAPED

sarmentosum Bunge

Stringy stonecrop

INTRODUCED - PERSISTING AND SPREADING

spectabile Boreau

Showy stonecrop

INTRODUCED - ESCAPED

Hylotelephium spectabile (Boreau) H.Ohba*telephium* L.subsp. *telephium*

Live-forever, witch's-moneybags

INTRODUCED - PERSISTING AND SPREADING

Hylotelephium telephium (L.) H.Ohba subsp. *telephium**Sedum purpureum* (L.) Schult.*Sedum telephium* L. var. *purpureum* L.

◆ CRUCIFERAE—See Brassicaceae

◆ CUCURBITACEAE—Cucumber, Gourd Family

Citrullus* Schrad. ex Eckl. & Zeyh.lanatus* (Thunb.) Mansf.var. *lanatus*

Watermelon

INTRODUCED - ADVENTIVE

Citrullus vulgaris Schrad.***Cucumis* L.***melo* L.

Cantaloupe, melon, muskmelon

INTRODUCED - RARELY ESCAPED

***Cucurbita* L.**

***foetidissima* Kunth**

Buffalo gourd, Missouri gourd, wild pumpkin
INTRODUCED - ADVENTIVE

***maxima* Duchesne**

Autumn squash, pumpkin, winter squash
INTRODUCED - ADVENTIVE

***Echinocystis* Torr. & A.Gray**

***lobata* (Michx.) Torr. & A.Gray**

Balsam-apple, wild-cucumber

***Sicyos* L.**

***angulatus* L.**

Bur-cucumber

◆ **CUSCUTACEAE—Dodder Family**

***Cuscuta* L.**

***cephalanthi* Engelm.**

Buttonbush dodder

***coryli* Engelm.**

Hazel dodder

***cuspidata* Engelm.**

Cusp dodder

***glomerata* Choisy**

Rope dodder

***gronovii* Willd. ex Roem. & Schult.**

var. *gronovii*

Common dodder, love dodder, scald-weed, swamp dodder
NATIVE - POTENTIALLY INVASIVE

Cuscuta gronovii Willd. ex Roem. & Schult. var. *latiflora* Engelm.

***pentagona* Engelm.**

Field dodder, five-angled dodder

Cuscuta campestris Yunck.

***polygonorum* Engelm.**

Knotweed dodder, smartweed dodder

***rostrata* Shuttlew. ex Engelm. & A.Gray**

Beaked dodder

◆ **DIPSACACEAE—Teasel Family**

***Cephalaria* Schrad. ex Roem. & Schult.**

***gigantea* (Ledeb.) Bobrov**

Tartarian cephalaria

INTRODUCED - ADVENTIVE

Cephalaria tatarica (L.) Roem. & Schult., misapplied

***Dipsacus* L.**

***fullonum* L.**

subsp. *sylvestris* (Huds.) Clapham

Common teasel, wild teasel

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Dipsacus sylvestris Huds.

***laciniatus* L.**

Cut-leaved teasel

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Knautia* L.**arvensis* (L.) Coult.**

Blue-buttons, field scabiosa

INTRODUCED - LOCALLY ESTABLISHED

◆ **DROSERACEAE—Sundew Family*****Drosera* L.*****anglica* Huds.**

English sundew

★ THREATENED

***intermedia* Hayne**

Narrow-leaved sundew, spoon-leaf sundew

Drosera intermedia Hayne f. *subcaulescens* Melvill***linearis* Goldie**

Linear-leaved sundew, slender-leaved sundew

★ THREATENED

***rotundifolia* L.**

Round-leaved sundew

◆ **ELAEAGNACEAE—Oleaster Family*****Elaeagnus* L.*****angustifolia* L.**

Oleaster, Russian olive

INTRODUCED - RARELY ESCAPED; POTENTIALLY INVASIVE

***umbellata* Thunb.**

Autumn olive

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Shepherdia* Nutt.**argentea* (Pursh) Nutt.**

Buffalo-berry, silver buffalo-berry

INTRODUCED - PERSISTING AND SPREADING

***canadensis* (L.) Nutt.**

Rabbit-berry, russet buffalo-berry

◆ **ELATINACEAE—Waterwort Family*****Elatine* L.*****minima* (Nutt.) Fisch. & C.A.Mey.**

Mud-purslane, small waterwort

***triandra* Schkuhr**

Greater waterwort, long-stem waterwort, water-purslane

★ SPECIAL CONCERN

Elatine triandra Schkuhr f. *submersa* Seub.*Elatine triandra* Schkuhr f. *terrestris* Seub.◆ **ERICACEAE—Blueberry, Heath Family*****Andromeda* L.*****glaucophylla* Link**

Bog-rosemary

Andromeda polifolia L. var. *glaucophylla* (Link) DC.

Arctostaphylos Adans.

uva-ursi (L.) Spreng.

Bearberry, kinnickinnick

Arctostaphylos uva-ursi (L.) Spreng. subsp. *adenotricha* (Fernald & J.F.Macbr.) Calder & Roy L.Taylor

Arctostaphylos uva-ursi (L.) Spreng. subsp. *uva-ursi* var. *coactilis* Fernald & J.F.Macbr.

Arctostaphylos uva-ursi (L.) Spreng. var. *coactilis* Fernald & J.F.Macbr.

Calluna Salisb.

vulgaris (L.) Hull

Heather, Scotch heather

INTRODUCED - RARELY ESCAPED

Chamaedaphne Moench

calyculata (L.) Moench

var. *angustifolia* (Aiton) Rehder

Leather-leaf

Epigaea L.

repens L.

Trailing-arbutus

Epigaea repens L. var. *glabrifolia* Fernald

Gaultheria L.

hispidula (L.) Muhl. ex Bigelow

Creeping-snowberry, moxie

Chiogenes hispidula (L.) Torr. & A.Gray

procumbens L.

Checkerberry, eastern teaberry, wintergreen

Gaylussacia Kunth

baccata (Wangenh.) K.Koch

Black huckleberry, huckleberry

Kalmia L.

polifolia Wangenh.

Bog-laurel, pale-laurel, swamp-laurel

Ledum L.

groenlandicum Oeder

Labrador-tea

Rhododendron L.

lapponicum (L.) Wahlenb.

Lapland azalea, Lapland rhododendron, Lapland rose-bay

☛ ENDANGERED

Vaccinium L.

angustifolium Aiton

Early low blueberry, low-bush blueberry, low sweet blueberry

Vaccinium angustifolium Aiton var. *nigrum* (A.W.Wood) Dole

Vaccinium pensilvanicum Lam.

Vaccinium pensilvanicum Lam. var. *nigrum* A.W.Wood

cespitosum Michx.

Dwarf bilberry, dwarf huckleberry

☛ ENDANGERED

corymbosum L.

High-bush blueberry

macrocarpon Aiton

Cranberry, large cranberry



Gaylussacia baccata

***myrtilloides* Michx.**

Canada blueberry, velvet-leaf blueberry, velvet-leaf huckleberry

Vaccinium canadense Kalm ex A.Rich.*Vaccinium pensilvanicum* Lam. var. *myrtilloides* (Michx.) Fernald***oxycoccos* L.**

Small cranberry

Vaccinium oxycoccos L. var. *ovalifolium* Michx.***pallidum* Aiton**

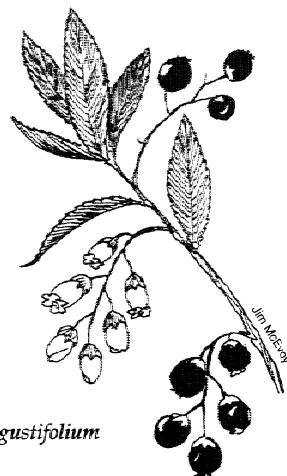
Blue Ridge blueberry, dry-land blueberry, hillside blueberry

★ SPECIAL CONCERN

Vaccinium vacillans Kalm ex Torr.***vitis-idaea* L.**subsp. *minus* (Lodd.) Hultén

Lingonberry, mountain cranberry, partridgeberry

⊕ ENDANGERED

Vaccinium vitis-idaea L. var. *minus* Lodd.*Vaccinium angustifolium*

◆ EUPHORBIACEAE—Spurge Family

Acalypha* L.gracilens* A.Graysubsp. *gracilens*

Short-stalk copper-leaf, slender three-seeded-mercury

INTRODUCED - ADVENTIVE

***rhomboidea* Raf.**

Rhombic copper-leaf, three-seeded-mercury

Acalypha virginica L. var. *rhomboidea* (Raf.) Cooperr.***Chamaesyce* S.F.Gray***geyeri* (Engelm.) Small

Geyer's sand-mat, Geyer's spurge

Euphorbia geyeri Engelm.***glyptosperma* (Engelm.) Small**

Rib-seed sand-mat, ridge-seeded spurge

Euphorbia glyptosperma Engelm.***maculata* (L.) Small**

Milk-purslane, spotted sand-mat, wart-weed

Euphorbia maculata L.*Euphorbia supina* Raf.***nutans* (Lag.) Small**

Eye-bane, nodding spurge

Euphorbia maculata auct. non L.*Euphorbia nutans* Lag.***polygonifolia* (L.) Small**

Seaside spurge

Euphorbia polygonifolia L.

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

***serpyllifolia* (Pers.) Small**

Thyme-leaved spurge

INTRODUCED - ADVENTIVE

Euphorbia serpyllifolia Pers.***vermiculata* (Raf.) House**

Hairy spurge, worm-seed sand-mat

INTRODUCED - ADVENTIVE

Euphorbia rafinesquii Greene*Euphorbia vermiculata* Raf.

Croton L.

glandulosus L.

var. *septentrionalis* Müll.Arg.

Sand croton, tooth-leaved croton, tropical croton, vente conmigo

INTRODUCED - NATURALIZED

monanthogynus Michx.

One-seed croton, prairie-tea

INTRODUCED - ADVENTIVE

texensis (Klotzsch) Müll.Arg.

Skunk-weed, Texas croton

INTRODUCED - ADVENTIVE

Euphorbia L.

commutata Engelm.

Tinted spurge, tinted wood spurge, wood spurge

★ SPECIAL CONCERN

corollata L.

Flowering spurge

Euphorbia corollata L. var. *mollis* Millsp.

Euphorbia corollata L. var. *paniculata* (Elliott) Boiss.

Euphorbia marilandica Greene

Euphorbia pubentissima Michx.

cyathophora Murray

Fire-on-the-mountain, painted poinsettia, wild poinsettia

Euphorbia heterophylla auct. non L.

Poinsettia cyathophora (Murray) Klotzsch & Garcke

cyparissias L.

Cypress spurge, graveyard spurge

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

dentata Michx.

Toothed spurge

Poinsettia dentata (Michx.) Klotzsch & Garcke

esula L.

var. *esula*

Leafy spurge, wolf's-milk

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

NOXIOUS WEED

Euphorbia poderae Croizat

helioscopia L.

Mad-woman's-milk, sun spurge, wart-weed

INTRODUCED - ESCAPED

marginata Pursh

Snow-on-the-mountain

INTRODUCED - ESCAPED

obtusata Pursh

Blunt-leaved spurge, woodland spurge

★ SPECIAL CONCERN

peplus L.

Petty spurge

INTRODUCED - ADVENTIVE

◆ **FABACEAE—Bean, Pea Family**

***Amorpha* L.**

canescens Pursh

Lead-plant

Amorpha canescens Pursh f. *glabrata* (A.Gray) Fassett



***fruticosa* L.**

Desert indigo-bush, false indigo, indigo-bush

Amorpha fruticosa L. var. *angustifolia* Pursh*Amorpha fruticosa* L. var. *angustifolia* Pursh f. *glabrata* E.J.Palmer*Amorpha fruticosa* L. var. *angustifolia* Pursh f. *latior* Fassett***Amphicarpaea* Elliott ex Nutt.*****bracteata* (L.) Fernald**

American hog-peanut, hog-peanut

Amphicarpaea bracteata (L.) Fernald var. *comosa* (L.) Fernald***Anthyllis* L.*****vulneraria* L.**

Common kidney-vetch, woundwort

INTRODUCED - ADVENTIVE

Apios* Fabr.**americana* Medik.**

Common groundnut, Indian-potato, potato-bean

NATIVE - POTENTIALLY INVASIVE

Astragalus* L.**alpinus* L.**

☼ ENDANGERED

var. *alpinus*

Alpine milk-vetch

canadensis* L.*var. *canadensis***

Canadian milk-vetch

Astragalus canadensis L. var. *longilobus* Fassett***cicer* L.**

Chickpea milk-vetch, cicer

INTRODUCED - ESCAPED

***crassicaarpus* Nutt.**

☼ ENDANGERED

var. *crassicaarpus*

Ground-plum, ground-plum milk-vetch, prairie-plum

Astragalus caryocarpus Ker Gawl.***neglectus* (Torr. & A.Gray) E.Sheld.**

Cooper's milk-vetch

☼ ENDANGERED

Astragalus cooperi A.Gray***Baptisia* Vent.*****alba* (L.) Vent.****var. *macrophylla* (Larisey) Isely**

Large-leaved wild indigo, milky white indigo, white wild indigo

Baptisia lactea (Raf.) Thieret var. *lactea**Baptisia leucantha* Torr. & A.Gray***australis* (L.) R.Br. ex W.T.Aiton**

Blue false indigo

INTRODUCED - ESCAPED

bracteata* Muhl. ex Elliott*var. *glabrescens* (Larisey) Isely**

Cream wild indigo, long-bracted wild indigo, plains wild indigo

Baptisia bracteata Muhl. ex Elliott var. *leucophaea* (Nutt.) Kartesz & Gandhi*Baptisia leucophaea* Nutt.*Baptisia leucophaea* Nutt. var. *glabrescens* Larisey☼ *Astragalus crassicaarpus*

***tinctoria* (L.) R.Br. ex W.T.Aiton**

Horsefly-weed, rattleweed, yellow wild indigo

★ SPECIAL CONCERN

Baptisia tinctoria (L.) R.Br. var. *crebra* Fernald

***Caragana* Fabr.**

***arborescens* Lam.**

Pea-tree, Siberian pea-shrub

INTRODUCED - RARELY ESCAPED

***Coronilla* L.**

***varia* L.**

Crown-vetch, purple crown-vetch

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

***Crotalaria* L.**

***sagittalis* L.**

Arrowhead rattle-box, rattle-box, weedy rattle-box

★ SPECIAL CONCERN

***Dalea* L.**

***candida* Michx. ex Willd.**

var. *candida*

Slender white prairie-clover, white prairie-clover

Petalostemon candidum (Michx. ex Willd.) Michx.

var. *oligophylla* (Torr.) Shinnery

Slender white prairie-clover, white prairie-clover

INTRODUCED - ADVENTIVE

Petalostemon occidentale (A.Heller) Fernald

***purpurea* Vent.**

var. *purpurea*

Purple prairie-clover, violet prairie-clover

Petalostemon purpureum (Vent.) Rydb.

Petalostemon purpureum (Vent.) Rydb. f. *pubescens* (A.Gray) Fassett

***villosa* (Nutt.) Spreng.**

★ SPECIAL CONCERN

var. *villosa*

Downy prairie-clover, silky prairie-clover

Petalostemon villosum Nutt.

***Desmodium* Desv.**

***canadense* (L.) DC.**

Canadian tick-trefoil, showy tick-trefoil

***canescens* (L.) DC.**

Hoary tick-trefoil

★ SPECIAL CONCERN

***cuspidatum* (Muhl. ex Willd.) DC. ex Loudon**

var. *cuspidatum*

Bracted tick-trefoil, large-bracted tick-trefoil

Desmodium bracteosum (Michx.) DC.

var. *longifolium* (Torr. & A.Gray) B.G.Schub.

Hairy bracted tick-trefoil, large-bracted tick-trefoil

Desmodium bracteosum (Michx.) DC. var. *longifolium* (Torr. & A.Gray) B.L.Rob.

***glutinatum* (Muhl. ex Willd.) A.W.Wood**

Cluster-leaf tick-trefoil, pointed tick-trefoil

Desmodium acuminatum (Michx.) DC.

Desmodium acuminatum (Michx.) DC. f. *chandonnetii* (Lunell) Fassett

***illinoense* A.Gray**

Illinois tick-trefoil, prairie tick-trefoil

***nudiflorum* (L.) DC.**

Bare-stemmed tick-trefoil, naked tick-trefoil

Desmodium nudiflorum (L.) DC. f. *foliolatum* (Farw.) Fassett*Desmodium nudiflorum* (L.) DC. f. *personatum* Fassett***paniculatum* (L.) DC.****var. *dillenii* (Darl.) Isely**

Dillenius' tick-trefoil, panicked tick-trefoil, perplexed tick-trefoil

Desmodium dillenii Darl.*Desmodium glabellum* (Michx.) DC., pro parte*Desmodium perplexum* B.G.Schub.***Genista* L.*****tinctoria* L.**

Dyer's greenweed

INTRODUCED - ESCAPED

Glycine* Willd.**max* (L.) Merr.**

Soybean

INTRODUCED - ADVENTIVE

Glycyrrhiza* L.**lepidota* Pursh**

American licorice, wild licorice

★ SPECIAL CONCERN

Glycyrrhiza lepidota Pursh var. *glutinosa* (Nutt.) S.Watson***Lathyrus* L.*****japonicus* Willd.****var. *maritimus* (L.) Kartesz & Gandhi**

Beach pea

Lathyrus japonicus Willd. var. *glaber* (Ser.) Fernald*Lathyrus maritimus* (L.) Bigelow*Lathyrus maritimus* (L.) Bigelow var. *glaber* (Ser.) Eames**var. *pellitus* Fernald**

Beach pea

Lathyrus maritimus (L.) Bigelow var. *pellitus* (Fernald) Gleason***latifolius* L.**

Everlasting pea, perennial pea-vine

INTRODUCED - ESCAPED; POTENTIALLY INVASIVE

***ochroleucus* Hook.**

Cream pea-vine, pale vetchling, white pea

***palustris* L.**

Marsh pea, marsh vetchling, slender-stem pea-vine

Lathyrus palustris L. var. *genuinus* Gren. & Godr.*Lathyrus palustris* L. var. *linearifolius* Ser.*Lathyrus palustris* L. var. *macranthus* (T.G.White) Fernald*Lathyrus palustris* L. var. *myrtifolius* (Muhl. ex Willd.) A.Gray*Lathyrus palustris* L. var. *pilosus* (Cham.) Ledeb.***pratensis* L.**

Meadow pea, meadow pea-vine, yellow vetchling

INTRODUCED - RARELY ESCAPED

***sylvestris* L.**

Everlasting pea, flat pea-vine, perennial pea

INTRODUCED - LOCALLY ESTABLISHED

***tuberosus* L.**

Tuberous sweet pea, tuberous vetchling

INTRODUCED - ESCAPED

*Lathyrus japonicus*

***venosus* Muhl. ex Willd.**

Forest pea, veiny pea, veiny pea-vine

Lathyrus venosus Muhl. ex Willd. var. *intonsus* Butters & H.St.John

***Lespedeza* Michx.**

***capitata* Michx.**

Round-headed bush-clover, round-headed lespedeza

Lespedeza bicknellii House

Lespedeza capitata Michx. var. *longifolia* (DC.) Torr. & A.Gray

Lespedeza capitata Michx. var. *sericea* (Hook. & Arn.) Torr. & A.Gray

Lespedeza longifolia DC.

***cuneata* (Dum.Cours.) G.Don**

Chinese lespedeza, sericea, silky bush-clover

INTRODUCED - ESCAPED; POTENTIALLY INVASIVE

***leptostachya* Engelm.**

Prairie bush-clover, prairie lespedeza

☛ ENDANGERED (FEDERALLY THREATENED)

***procumbens* Michx.**

Bush-clover, downy trailing lespedeza

***repens* (L.) W.P.C.Barton**

Creeping bush-clover, smooth trailing lespedeza

***stipulacea* Maxim.**

Korean bush-clover, Korean clover

INTRODUCED - RARELY ESCAPED

Kummerowia stipulacea (Maxim.) Makino

***thunbergii* (DC.) Nakai**

Shrubby bush-clover, Thunberg's lespedeza

INTRODUCED - ESCAPED

***violacea* (L.) Pers.**

Violet bush-clover, violet lespedeza

★ SPECIAL CONCERN

***virginica* (L.) Britton**

Slender bush-clover, Virginia lespedeza

★ THREATENED

***Lotus* L.**

***corniculata* L.**

Bird's-foot deer-vetch, bird's-foot trefoil

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

***unifoliolata* (Hook.) Benth.**

var. *unifoliolata*

Deer-vetch, prairie trefoil, Spanish-clover

INTRODUCED - ADVENTIVE

Hosackia americana (Nutt.) Piper

Lotus purshiana Clem. & E.G.Clem.

***Lupinus* L.**

***perennis* L.**

var. *occidentalis* S.Watson

Wild lupine

var. *perennis*

Sundial lupine, wild lupine

***polyphyllus* Lindl.**

Big-leaf lupine

INTRODUCED - ESCAPED



☛ *Lespedeza leptostachya*

Gary Elford

Medicago L.***lupulina* L.**

Black medick

INTRODUCED - NATURALIZED

Medicago lupulina L. var. *glandulosa* Neilr.***sativa* L.****subsp. *falcata* (L.) Arcang.**

Alfalfa, yellow alfalfa

INTRODUCED - ESCAPED

Medicago falcata L.**subsp. *sativa***

Alfalfa, blue alfalfa

INTRODUCED - NATURALIZED

× *varia* Martyn

Hybrid alfalfa

INTRODUCED - ESCAPED

= *Medicago sativa* L. subsp. *falcata* (L.) Arcang. × *M. sativa* L. subsp. *sativa***Melilotus Mill.*****alba* Medik.**

White sweet-clover

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

***altissima* Thuill.**

Tall yellow sweet-clover

INTRODUCED - ADVENTIVE

***indica* (L.) All.**

Indian sweet-clover, sour-clover

INTRODUCED - ADVENTIVE

***officinalis* (L.) Lam.**

Yellow sweet-clover

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Onobrychis Mill.***viciifolia* Scop.**

Sainfoin

INTRODUCED - ADVENTIVE

Oxytropis DC.***campestris* (L.) DC.****var. *chartacea* (Fassett) Barneby**

Cold Mountain crazyweed, Fassett's locoweed, northern yellow locoweed

☉ ENDANGERED (FEDERALLY THREATENED)

Oxytropis chartacea Fassett**Pediomelum Rydb.*****argophyllum* (Pursh) J.W.Grimes**

Silvery scurf-pea

Psoralea argophylla Pursh

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

***esculentum* (Pursh) Rydb.**

Breadroot scurf-pea, pomme-de-prairie, shaggy prairie-turnip, prairie-turnip

Psoralea esculenta Pursh

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

Robinia L.***hispidula* L.**

Bristly locust, rose-acacia

INTRODUCED - PERSISTING AND SPREADING

pseudoacacia L.

Black locust

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

***Strophostyles* Elliott**

helvula (L.) Elliott

Annual woolly bean, trailing fuzzy bean, trailing wild bean

leiosperma (Torr. & A.Gray) Piper

Slick-seed fuzzy bean, small-flowered wild bean

★ SPECIAL CONCERN

***Tephrosia* Pers.**

virginiana (L.) Pers.

Goat's-rue, rabbit-pea, Virginia tephrosia

Tephrosia virginiana (L.) Pers. var. *holosericea* (Nutt.) Torr. & A.Gray

***Thermopsis* R.Br. ex W.T.Aiton**

rhubifolia (Nutt. ex Pursh) Nutt. ex Richardson

False-lupine, prairie thermopsis

INTRODUCED - ADVENTIVE

***Trifolium* L.**

arvense L.

Rabbit-foot clover

INTRODUCED - NATURALIZED

aureum Pollich

Golden clover, palmate hop clover, yellow hop clover

INTRODUCED - NATURALIZED

Trifolium agrarium L.

campestre Schreb.

Field clover, low hop clover, pinnate hop clover

INTRODUCED - NATURALIZED

Trifolium procumbens L.

dubium Sibth.

Little hop clover, suckling clover

INTRODUCED - NATURALIZED

hybridum L.

Alsike clover

INTRODUCED - NATURALIZED

Trifolium hybridum L. var. *elegans* (Savi) Boiss.

incarnatum L.

Crimson clover

INTRODUCED - ADVENTIVE

pratense L.

Red clover

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Trifolium pratense L. f. *albiflorum* Puskal

Trifolium pratense L. f. *semipurpureum* (Strobl) Asch. & Graebn.

repens L.

White clover

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

***Vicia* L.**

americana Muhl. ex Willd.

subsp. *americana*

American vetch

Vicia americana Muhl. ex Willd. var. *truncata* (Nutt.) Brewer

caroliniana Walter

Carolina vetch, pale vetch, wood vetch

cracca L.**subsp. cracca**

Bird vetch, cow vetch

INTRODUCED - NATURALIZED

subsp. tenuifolia (Roth) Gaudin

Bird vetch, cow vetch

INTRODUCED - ADVENTIVE

Vicia cracca L. var. *tenuifolia* (Roth) Beck*Vicia tenuifolia* Roth**hirsuta (L.) S.F.Gray**

Hairy vetch, tiny vetch

INTRODUCED - ADVENTIVE

sativa L.**subsp. nigra (L.) Ehrh.**

Common vetch, narrow-leaved vetch, spring vetch

INTRODUCED - ESCAPED

Vicia angustifolia L.*Vicia angustifolia* L. var. *segetalis* (Thuill.) W.D.J.Koch**villosa Roth**

Hairy vetch, winter vetch

INTRODUCED - NATURALIZED

◆ FAGACEAE—Beech Family

Castanea Mill.**dentata (Marshall) Borkh.**

American chestnut

INTRODUCED - PERSISTING AND SPREADING

Fagus L.**grandifolia Ehrh.**

American beech, beechnut

Fagus grandifolia Ehrh. var. *caroliniana* (Loudon) Fernald & Rehder**Quercus L.****alba L.**

White oak

bicolor Willd.

Swamp white oak

coccinea Münchh.

Scarlet oak

Quercus coccinea Münchh. var. *tuberculata* Sarg.**ellipsoidalis E.J.Hill**

Hill's oak, northern pin oak

ellipsoidalis E.J.Hill × Q. palustris Münchh.**ellipsoidalis E.J.Hill × Q. rubra L.****macrocarpa Michx.****var. macrocarpa**

Bur oak

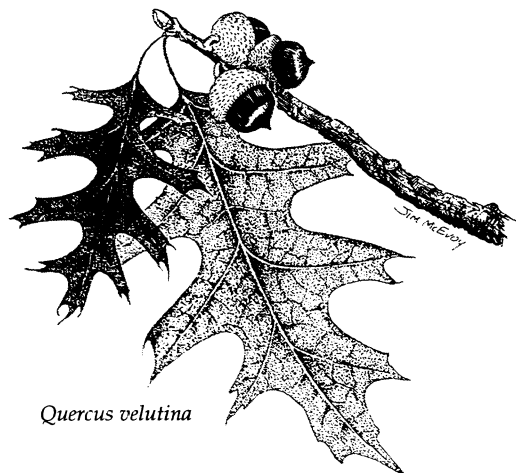
Quercus macrocarpa Michx. var. *olivaeformis* (F.Michx.) A.Gray**muhlenbergii Engelm.**

Chinkapin oak, chinquapin oak, yellow oak

palustris Münchh.

Pin oak

★ SPECIAL CONCERN

*Quercus velutina*

rubra L.

Northern red oak

Quercus borealis F.Michx.

Quercus borealis F.Michx. var. *maxima* (Marshall) Ashe

Quercus coccinea Münchh. var. *ambigua* (F.Michx.) A.Gray

Quercus rubra L. var. *ambigua* (F.Michx.) Fernald

velutina Lam.

Black oak

× **bebbiana C.K.Schneid.**

Bebb's oak

= *Quercus alba* L. × *Q. macrocarpa* Michx.

× **deamii Trel.**

Deam's oak

= *Quercus macrocarpa* Michx. × *Q. muhlenbergii* Engelm.

× **hawkinsii Sudw.**

Hawkins' oak

= *Quercus rubra* L. × *Q. velutina* Lam.

× **palaeolithicola Trel.**

= *Quercus ellipsoidalis* E.J.Hill × *Q. velutina* Lam.

× **schuettei Trel.**

= *Quercus bicolor* Willd. × *Q. macrocarpa* Michx.

Quercus × *hillii* Trel.

◆ **FUMARIACEAE—Bleeding-heart, Fumitory Family**

Adlumia Raf. ex DC.

fungosa (Aiton) Greene ex Britton, Sterns & Poggenb.

Allegheny-vine, climbing fumitory

★ SPECIAL CONCERN

Corydalis DC.

aurea Willd.

subsp. *aurea*

Golden corydalis, scrambled eggs

micrantha (Engelm. ex A.Gray) A.Gray

subsp. *micrantha*

Slender corydalis, small-flowered corydalis

sempervirens (L.) Pers.

Pink and yellow corydalis, pale corydalis, rock harlequin

Dicentra Bernh.

canadensis (Goldie) Walp.

Squirrel-corn

cucullaria (L.) Bernh.

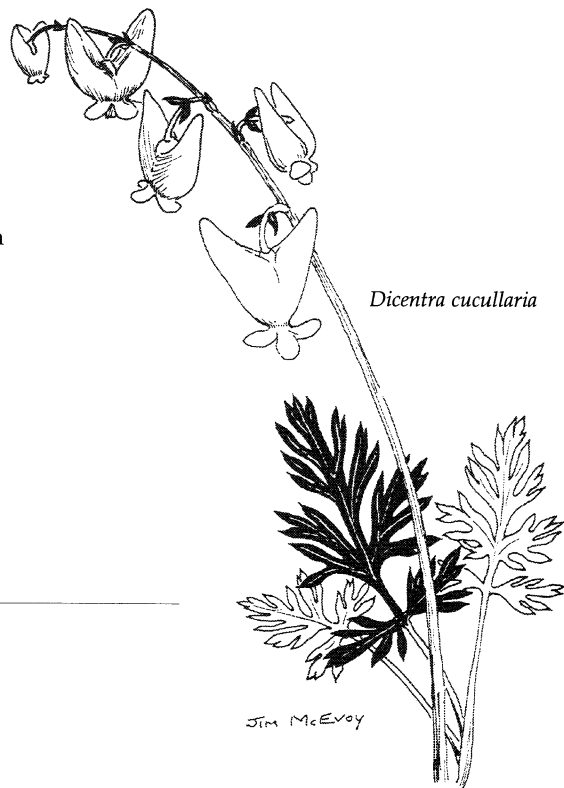
Dutchman's-breeches

Fumaria L.

officinalis L.

Drug fumitory, fumewort, fumitory

INTRODUCED - ESCAPED



Dicentra cucullaria

◆ **GENTIANACEAE—Gentian Family**

Bartonia Muhl. ex Willd.

paniculata (Michx.) Muhl.

Twining screw-stem

★ SPECIAL CONCERN

***virginica* (L.) Britton, Sterns & Poggenb.**

Virginia bartonia, yellow screw-stem

★ SPECIAL CONCERN

Centaurium* Hill**pulchellum* (Sw.) Druce**

Branching centaury, showy centaury

INTRODUCED - LOCALLY ESTABLISHED

Gentiana* L.**alba* Muhl. ex Nutt.**

Cream gentian, pale gentian, yellow gentian

★ THREATENED

Gentiana flavida A.Gray***andrewsii* Griseb.****var. *andrewsii***

Andrews' gentian, bottle gentian, prairie closed gentian

Gentiana andrewsii Griseb. f. *albiflora* Britton***puberulenta* J.S.Pringle**

Downy gentian, prairie gentian

Gentiana puberula auct. non Michx.***rubricaulis* Schwein.**

Closed gentian, Great Lakes gentian, red-stemmed gentian

× *billingtonii* Farw. (pro sp.)

Billington's gentian

= *Gentiana andrewsii* Griseb. × *G. puberulenta* J.S.Pringle**× *curtisii* J.S.Pringle**

Curtis' gentian

= *Gentiana alba* Muhl. ex Nutt. × *G. puberulenta* J.S.Pringle**× *grandilacustris* J.S.Pringle**

Grand Lake gentian

= *Gentiana andrewsii* Griseb. × *G. rubricaulis* Schwein.**× *pallidocyanea* J.S.Pringle**

Gentian

= *Gentiana alba* Muhl. ex Nutt. × *G. andrewsii* Griseb.***Gentianella* Moench*****quinquefolia* (L.) Small****subsp. *occidentalis* (A.Gray) J.M.Gillett**

Ague-weed, stiff gentian

Gentiana quinqueflora Lam. var. *occidentalis* A.Gray*Gentianella quinquefolia* (L.) Small var. *occidentalis* (A.Gray) Small***Gentianopsis* Ma*****crinita* (Froel.) Ma**

Fringed gentian, greater fringed gentian

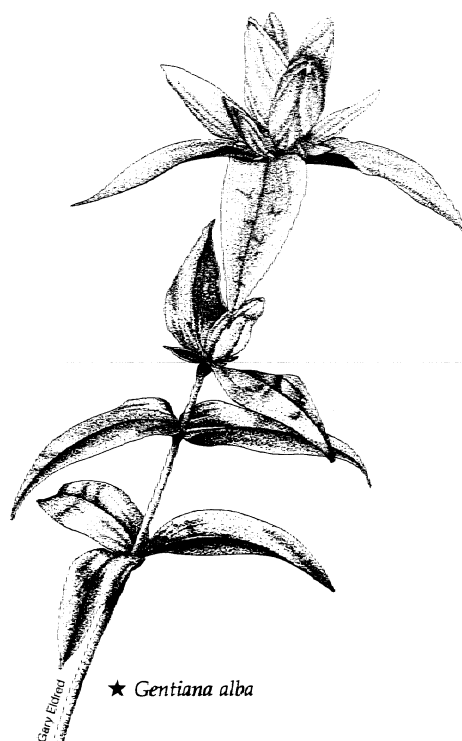
Gentiana crinita Froel.***procera* (Holm) Ma**

Great Plains fringed gentian, lesser fringed gentian, small fringed gentian

★ SPECIAL CONCERN

Gentiana procera Holm*Gentianopsis virgata* (Raf.) Holub***Halenia* Borkh.*****deflexa* (Sm.) Griseb.****subsp. *deflexa***

American spurred-gentian, spurred-gentian

★ *Gentiana alba*

◆ GERANIACEAE—Geranium Family

***Erodium* L'Hér. ex Aiton**

cicutarium (L.) L'Hér. ex Aiton

Red-stem filaree, red-stem stork's-bill, stork's-bill

INTRODUCED - NATURALIZED

***Geranium* L.**

bicknellii Britton

var. *bicknellii*

Bicknell's crane's-bill, northern crane's-bill

carolinianum L.

var. *confertiflorum* Fernald

Carolina crane's-bill, Carolina geranium

var. *sphaerospermum* (Fernald) Breitung

Carolina crane's-bill, Carolina geranium

columbinum L.

Long-stalked crane's-bill

INTRODUCED - ADVENTIVE

maculatum L.

Crane's-bill, spotted geranium, wild geranium

Geranium maculatum L. f. *albiflorum* (Raf.) House

molle L.

Dove's-foot crane's-bill, dove's-foot geranium, geranium

INTRODUCED - ADVENTIVE

pusillum Burm.f.

Small-flowered crane's-bill, small geranium

INTRODUCED - ADVENTIVE

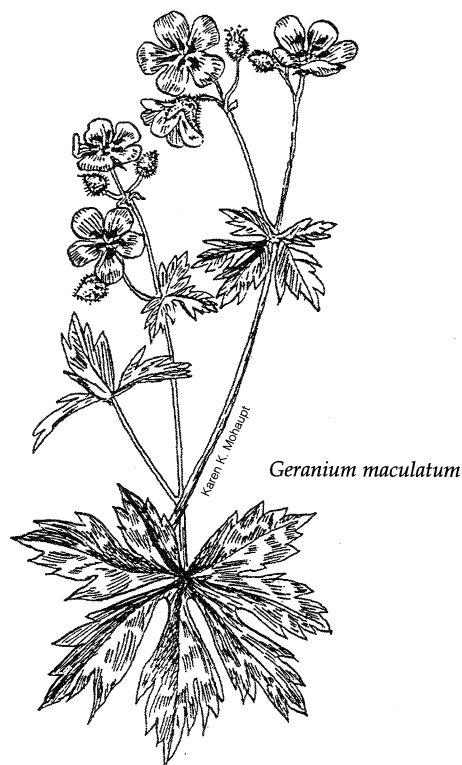
robertianum L.

Herb-Robert, Robert's geranium

sibiricum L.

Siberian crane's-bill, Siberian geranium

INTRODUCED - ADVENTIVE



◆ GROSSULARIACEAE—Gooseberry Family

***Ribes* L.**

americanum Mill.

American black currant, eastern black currant, wild black currant

Ribes americanum Mill. f. *pauciglandulosum* Fassett

cynosbati L.

Dogberry, eastern prickly gooseberry, prickly wild gooseberry

Ribes cynosbati L. f. *inerme* Rehder

Ribes cynosbati L. var. *glabratum* Fernald

glandulosum Grauer

Skunk currant

Ribes prostratum L'Hér.

Ribes prostratum L'Hér. var. *wisconsinum* Fassett

Ribes resinsum Pursh

hirtellum Michx.

Hairy-stem gooseberry, northern gooseberry, swamp gooseberry

Ribes hirtellum Michx. var. *calicicola* (Fernald) Fernald

Ribes hirtellum Michx. var. *saxosum* (Hook.) Fernald

hudsonianum Richardson

Canadian black currant, northern black currant

☆ SPECIAL CONCERN

***lacustre* (Pers.) Poir.**

Bristly black currant, prickly currant, spiny swamp currant

***missouriense* Nutt.**

Missouri gooseberry

***nigrum* L.**

European black currant, garden black currant

INTRODUCED - ESCAPED

***odoratum* H.Wendl.**

Buffalo-currant, clove currant, golden currant

INTRODUCED - ESCAPED

Ribes aureum Pursh var. *villosum* DC.***oxyacanthoides* L.**

★ THREATENED

subsp. *oxyacanthoides*

Canadian gooseberry, northern gooseberry

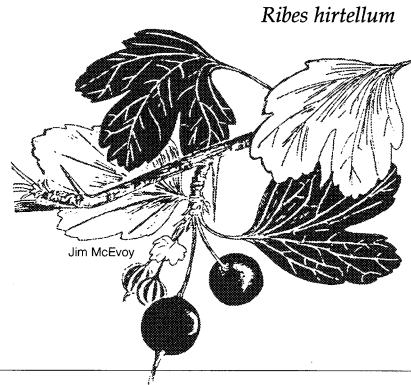
***rubrum* L.**

Cherry-currant, cultivated currant, garden red currant

INTRODUCED - ESCAPED

Ribes sativum Syme***triste* Pall.**

Swamp red currant

Ribes triste Pall. var. *albinervium* (Michx.) Fernald

◆ GUTTIFERAE—for Wisconsin taxa see HYPERICACEAE

◆ HALORAGACEAE—Water-milfoil Family

Myriophyllum* L.**alterniflorum* DC.**

Alternate-flowered water-milfoil

***farwellii* Morong**

Farwell's milfoil, Farwell's water-milfoil

★ SPECIAL CONCERN

***heterophyllum* Michx.**

Two-leaf water-milfoil, various-leaved water-milfoil

***humile* (Raf.) Morong**

Low water-milfoil

***sibiricum* Kom.**

Common water-milfoil, short-spike water-milfoil

Myriophyllum exalbescens Fernald***spicatum* L.**

Eurasian water-milfoil, European water-milfoil, spike water-milfoil

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

***tenellum* Bigelow**

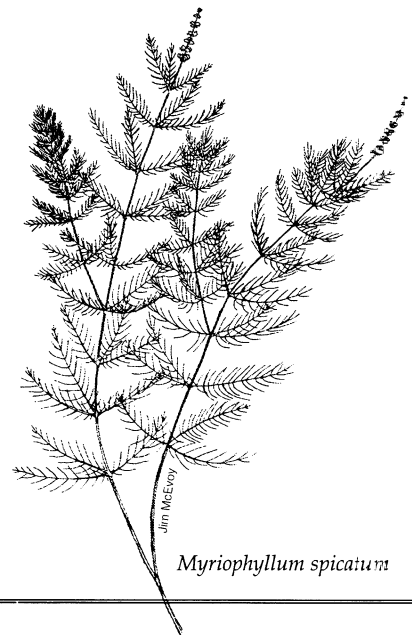
Dwarf water-milfoil, slender water-milfoil

***verticillatum* L.**

Whorled water-milfoil

Myriophyllum verticillatum L. var. *cheneyi* Fassett*Myriophyllum verticillatum* L. var. *pectinatum* Wallr.***Proserpinaca* L.*****palustris* L.**var. *crebra* Fernald & Griscom

Common mermaid-weed, marsh mermaid-weed

Proserpinaca palustris L. var. *amblyogona* Fernald

◆ HAMAMELIDACEAE—Witch-hazel Family

Hamamelis L.

virginiana L.

American witch-hazel

◆ HIPPOCASTANACEAE—Horse-chestnut Family

Aesculus L.

glabra Willd.

var. *glabra*

Ohio buckeye

INTRODUCED - ESCAPED

◆ HIPPURIDACEAE—Mare's-tail Family

Hippuris L.

vulgaris L.

Common mare's-tail, mare's-tail

◆ HYDROPHYLLACEAE—Water-leaf Family

Ellisia L.

nyctelea (L.) L.

Aunt Lucy, ellisia, water-pod

Hydrophyllum L.

appendiculatum Michx.

Great water-leaf

virginianum L.

John's-cabbage, Shawnee-salad, Virginia water-leaf

NATIVE - POTENTIALLY INVASIVE

Hydrophyllum virginianum L. var. *atranthum* (Alexander) Constance

Phacelia Juss.

distans Benth.

Distant phacelia

INTRODUCED - ADVENTIVE

Phacelia cinerea Eastw. ex J.F.Macbr.

◆ HYPERICACEAE—St. John's-wort Family

Hypericum L.

boreale (Britton) E.P.Bicknell

Northern St. John's-wort

Hypericum boreale (Britton) E.P.Bicknell f. *callitrichoides* Fassett

boreale (Britton) E.P.Bicknell × *H. majus* (A.Gray) Britton

canadense L.

Canadian St. John's-wort, lesser Canadian St. John's-wort

canadense L. × *H. majus* (A.Gray) Britton

ellipticum Hook.

Creeping St. John's-wort, pale St. John's-wort

gentianoides (L.) Britton, Sterns & Poggenb.

Orange-grass, pine-weed

kalmianum L.

Kalm's St. John's-wort

majus (A.Gray) Britton

Larger Canadian St. John's-wort

mutilum L.

Small-flowered St. John's-wort, weak St. John's-wort

perforatum L.

Common St. John's-wort, Klamath-weed, St. John's-wort

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

prolificum L.

Shrubby St. John's-wort

Hypericum spathulatum (Spach) Steud.*punctatum* Lam.

Spotted St. John's-wort

pyramidatum Aiton

Giant St. John's-wort, great St. John's-wort

Hypericum ascyron L., misapplied*sphaerocarpum* Michx.

Round-fruited St. John's-wort, round-seeded St. John's-wort

★ THREATENED

× *dissimulatum* E.P.Bicknell

Disguised St. John's-wort

= *Hypericum boreale* (Britton) E.P.Bicknell × *H. canadense* L.**Triadenum Raf.***fraseri* (Spach) Gleason

Bog St. John's-wort, Fraser's marsh St. John's-wort

Hypericum virginicum L. var. *fraseri* (Spach) Fernald*virginicum* (L.) Raf.

Virginia marsh St. John's-wort

Hypericum virginicum L.

◆ JUGLANDACEAE—Walnut Family

Carya Nutt.*cordiformis* (Wangenh.) K.Koch

Bitter-nut hickory, pig-nut, yellow-bud hickory

ovata (Mill.) K.Kochvar. *ovata*

Shagbark hickory, shellbark hickory

× *laneyi* Sarg.

Laney's hickory

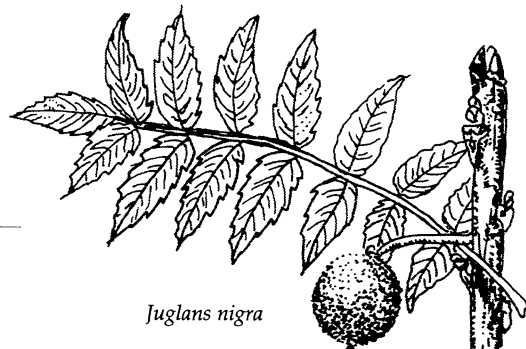
= *Carya cordiformis* (Wangenh.) K.Koch × *C. ovata* (Mill.) K.Koch**Juglans L.***cinerea* L.

Butternut, white walnut

★ SPECIAL CONCERN

nigra L.

Black walnut

*Juglans nigra*

◆ LABIATAE—See LAMIACEAE

◆ LAMIACEAE—Mint Family

Acinos Mill.

arvensis (Lam.) Dandy

Basil-thyme, mother-of-thyme

INTRODUCED - NATURALIZED

Satureja acinos (L.) Scheele

Agastache Clayton ex Gronov.

foeniculum (Pursh) Kuntze

Blue giant hyssop, fragrant giant hyssop, lavender giant hyssop

nepetoides (L.) Kuntze

Catnip giant hyssop, yellow giant hyssop

★ THREATENED

scrophulariaefolia (Willd.) Kuntze

Figwort giant hyssop, purple giant hyssop

Agastache scrophulariaefolia (Willd.) Kuntze var. *mollis* (Fernald) A.Heller

Ajuga L.

genevensis L.

Blue bugle, Geneva bugle, standing bugle

INTRODUCED - LOCALLY ESTABLISHED

reptans L.

Carpet bugle, common bugle

INTRODUCED - RARELY ESCAPED

Ballota L.

nigra L.

Black horehound

INTRODUCED - ADVENTIVE

Blephilia Raf.

ciliata (L.) Benth.

Downy pagoda-plant, downy wood mint, Ohio horsemint

hirsuta (Pursh) Benth.

var. *hirsuta*

Hairy pagoda-plant, hairy wood mint

Calamintha Mill.

arkansana (Nutt.) Shinnery

Limestone calamint, low calamint

★ SPECIAL CONCERN

Calamintha glabella (Michx.) Benth. var. *angustifolia* (Torr.) DeWolf

Satureja arkansana (Nutt.) Briq.

Satureja glabella (Michx.) Briq. var. *angustifolia* (Torr.) Svenson

Chaiturus Willd.

marrubiastrum (L.) Rchb.

Lion's-tail, horehound motherwort

INTRODUCED - ADVENTIVE

Leonurus marrubiastrum L.

Clinopodium L.

vulgare L.

Wild-basil

Satureja vulgaris (L.) Fritsch

Satureja vulgaris (L.) Fritsch var. *neogaea* Fernald

Collinsonia L.*canadensis* L.

Canada horse-balm, northern horse-balm, richweed, stoneroot

☠ ENDANGERED

Dracocephalum L.*parviflorum* Nutt.

American dragonhead

INTRODUCED - ADVENTIVE

Elsholtzia Willd.*ciliata* (Thunb.) Hyl.

Crested late-summer mint

INTRODUCED - ADVENTIVE

Galeopsis L.*ladanum* L.**var. *angustifolia* (Ehrh. ex Hoffm.) Wallr.**

Hemp-nettle, red hemp-nettle

INTRODUCED - ESCAPED

Galeopsis angustifolia Ehrh. ex Hoffm.**tetrahit** L.**var. *bifida* (Boenn.) Lej. & Courtois**

Brittle-stem hemp-nettle, common hemp-nettle, hemp-nettle

INTRODUCED - NATURALIZED

Galeopsis bifida Boenn.**var. *tetrahit***

Brittle-stem hemp-nettle, common hemp-nettle, hemp-nettle

INTRODUCED - NATURALIZED

Glechoma L.*hederacea* L.**var. *hederacea***

Creeping-Charlie, gill-over-the-ground, ground-ivy

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

var. *micrantha* Moric.

Creeping-Charlie, gill-over-the-ground, ground-ivy

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Glechoma hederacea L. var. *parviflora* (Benth.) House**Hedeoma Pers.***hispida* Pursh

Rough false pennyroyal, rough pennyroyal

pulegioides (L.) Pers.

American false pennyroyal, American pennyroyal

Hyssopus L.*officinalis* L.

Hyssop

INTRODUCED - ESCAPED

Lamium L.*plexicaule* L.

Henbit, dead-nettle

INTRODUCED - ADVENTIVE

maculatum L.

Red dead-nettle, spotted henbit, variegated dead-nettle

INTRODUCED - ESCAPED

purpureum L.

Purple dead-nettle, red dead-nettle
INTRODUCED - ADVENTIVE

***Leonurus* L.**

cardiaca L.

Lion's-tail, motherwort
INTRODUCED - NATURALIZED

***Lycopus* L.**

americanus Muhl. ex W.P.C.Barton

American water-horehound, common water-horehound

asper Greene

Rough bugleweed, rough water-horehound
INTRODUCED - ADVENTIVE

europaeus L.

European bugleweed, gypsy-wort
INTRODUCED - ADVENTIVE

uniflorus Michx.

Northern bugleweed, northern water-horehound

virginicus L.

Bugleweed, Virginia water-horehound

× *sherardii* Steele (pro sp.)

= *Lycopus uniflorus* Michx. × *L. virginicus* L.

***Mentha* L.**

aquatica L.

Lemon mint, water mint
INTRODUCED - RARELY ESCAPED
Mentha × *citrata* Ehrh.

arvensis L.

var. *canadensis* (L.) Kuntze

Field mint, wild mint
Mentha arvensis L. var. *glabrata* (Benth.) Fernald
Mentha arvensis L. var. *lanata* Piper
Mentha arvensis L. var. *villosa* (Benth.) S.R.Stewart
Mentha canadensis L.

***longifolia* (L.) Huds.**

Horse mint, wavy mint
INTRODUCED - ADVENTIVE
Mentha longifolia (L.) Huds. var. *undulata* (Willd.) Fiori & Paol.

spicata L.

Spearmint
INTRODUCED - ESCAPED

× *gracilis* Sole (pro sp.)

Little-leaved mint, red mint
INTRODUCED - ESCAPED
= *Mentha arvensis* L. × *M. spicata* L.
Mentha cardiaca J.Gerard ex Baker
Mentha gentilis auct. non L.

× *piperita* L.

Peppermint
INTRODUCED - ESCAPED
= *Mentha aquatica* L. × *M. spicata* L.
Mentha aquatica L. var. *crispa* (L.) Benth.
Mentha crispa L.

× *verticillata* L.

Whorled mint

INTRODUCED - RARELY ESCAPED

= *Mentha aquatica* L. × *M. arvensis* L.**× *villosa* Huds.**

Foxtail mint, woolly mint

INTRODUCED - ESCAPED

= *Mentha spicata* L. × *M. suaveolens* Ehrh.*Mentha alopecuroides* Hull***Monarda* L.*****didyma* L.**

Oswego-tea, scarlet bee balm

INTRODUCED - ESCAPED

fistulosa* L.*subsp. *fistulosa***

Bee balm, wild bergamot

Monarda fistulosa L. f. *albescens* Farw.*Monarda fistulosa* L. subsp. *fistulosa* var. *mollis* (L.) Benth.***punctata* L.****var. *villicaulis* (Pennell) E.J. Palmer & Steyerl.**

Dotted horesemint, horsemint

Monarda punctata L. subsp. *villicaulis* Pennell***Nepeta* L.*****cataria* L.**

Catnip

INTRODUCED - NATURALIZED

***mussinii* Spreng. ex Henckel**

Persian cat-mint

INTRODUCED - PERSISTING AND SPREADING

Ocimum* L.**basilicum* L.**

Sweet basil

INTRODUCED - ESCAPED

Perilla* L.**frutescens* (L.) Britton**

Beefsteak-plant, perilla, perilla-mint

INTRODUCED - ESCAPED

Physostegia* Benth.**virginiana* (L.) Benth.****subsp. *virginiana***

False dragonhead, obedience

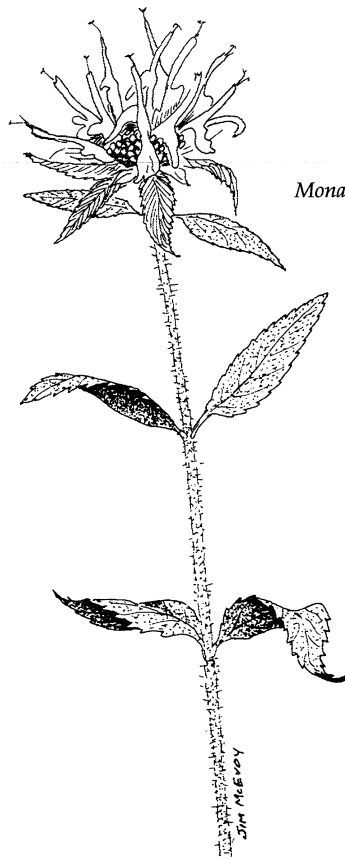
Physostegia formosior Lunell*Physostegia virginiana* (L.) Benth. var. *speciosa* (Sweet) A. Gray***Prunella* L.*****vulgaris* L.****subsp. *lanceolata* (W.P.C. Barton) Hultén**

Lance self-heal

Prunella vulgaris L. var. *lanceolata* (W.P.C. Barton) Fernald**subsp. *vulgaris***

Heal-all, lawn prunella, self-heal

INTRODUCED - NATURALIZED

*Monarda fistulosa*

***Pycnanthemum* Michx.**

***tenuifolium* Schrad.**

Narrow-leaved mountain mint, slender mountain mint

INTRODUCED - LOCALLY ESTABLISHED

Pycnanthemum flexuosum auct. non (Walter) Britton, Sterns & Poggenb.

***virginianum* (L.) T.Durand & B.D.Jacks. ex B.L.Rob. & Fernald**

Common mountain mint, Virginia mountain mint

***Salvia* L.**

***azurea* Michx. ex Lam.**

var. *grandiflora* Benth.

Azure blue sage, blue sage

INTRODUCED - ESCAPED

Salvia pitcheri Torr. ex Benth.

***nemorosa* L.**

Woodland sage

INTRODUCED - ADVENTIVE

***pratensis* L.**

Introduced sage, meadow sage

INTRODUCED - ESCAPED

***reflexa* Hornem.**

Lance-leaf sage, Rocky Mountain sage

INTRODUCED - ADVENTIVE

***splendens* Sellow ex Roem. & Schult.**

Scarlet sage

INTRODUCED - ADVENTIVE

***Satureja* L.**

***hortensis* L.**

Summer savory

INTRODUCED - RARELY ESCAPED

***Scutellaria* L.**

***galericulata* L.**

Common skullcap, marsh skullcap

Scutellaria epilobiifolia A.Ham.

***lateriflora* L.**

Blue skullcap, mad-dog skullcap

***ovata* Hill**

★ SPECIAL CONCERN

subsp. *ovata*

Forest skullcap, heart-leaved skullcap

Scutellaria ovata Hill subsp. *versicolor* (Nutt.) Epling

Scutellaria ovata Hill var. *versicolor* (Nutt.) Fernald

***parvula* Michx.**

var. *missouriensis* (Torr.) Goodman & C.A.Lawson

Leonard's skullcap, smooth small skullcap

Scutellaria leonardii Epling

Scutellaria parvula Michx. var. *leonardii* (Epling) Fernald

var. *parvula*

Small skullcap

☠ ENDANGERED

***Stachys* L.**

***palustris* L.**

subsp. *arenicola* (Britton) Gill

Hedge-nettle, marsh hedge-nettle

Stachys palustris L. var. *homotricha* Fernald

Stachys palustris L. var. *phaneropoda* Weath.

Stachys pilosa Nutt. var. *arenicola* (Britton) G.A.Mulligan & D.B.Munro

subsp. *palustris*

Hedge-nettle, marsh hedge-nettle, woundwort

Stachys palustris L. var. *macrocalyx* Jenn.*Stachys palustris* L. var. *nipigonensis* Jenn.**subsp. *pilosa* (Nutt.) Epling**

Hedge-nettle, marsh hedge-nettle

Stachys palustris L. var. *pilosa* (Nutt.) Fernald*Stachys pilosa* Nutt.***tenuifolia* Willd.****var. *tenuifolia***

Narrow-leaved hedge-nettle, smooth hedge-nettle

Stachys hispida Pursh*Stachys palustris* L. var. *hispida* (Pursh) B.Boivin*Stachys tenuifolia* Willd. var. *hispida* (Pursh) Fernald***Teucrium* L.*****canadense* L.****var. *occidentale* (A.Gray) E.M.McClint. & Epling**

American germander, western germander, wood sage

Teucrium occidentale A.Gray**var. *virginicum* (L.) Eaton**

American germander, Virginia germander, wood sage

Thymus* L.**praecox* Opiz****subsp. *arcticus* (Durand) Jalas**

Creeping thyme, mother-of-thyme

INTRODUCED - ESCAPED

Thymus serpyllum auct. non L.***Trichostema* L.*****brachiatum* L.**

False-pennyroyal, fluxweed

Isanthus brachiatus (L.) Britton, Sterns & Poggenb.◆ **LAURACEAE—Laurel Family*****Sassafras* J.Presl*****albidum* (Nutt.) Nees**

Sassafras, white sassafras

✚ EXTIRPATED

Sassafras albidum (Nutt.) Nees var. *molle* (Raf.) Fernald◆ **LEGUMINOSAE—See CAESALPINIACEAE, FABACEAE, MIMOSACEAE**◆ **LENTIBULARIACEAE—Bladderwort Family*****Pinguicula* L.*****vulgaris* L.**

Common butterwort, violet butterwort

⊗ ENDANGERED

Utricularia* L.**cornuta* Michx.**

Horned bladderwort, naked bladderwort

***geminiscapa* Benj.**

Hidden-fruited bladderwort, twin-stemmed bladderwort

★ SPECIAL CONCERN

***gibba* L.**

Creeping bladderwort, humped bladderwort

Utricularia biflora Lam.

***intermedia* Hayne**

Flat-leaved bladderwort, northern bladderwort

***minor* L.**

Lesser bladderwort, small bladderwort

***purpurea* Walter**

Eastern purple bladderwort, spotted bladderwort

★ SPECIAL CONCERN

***resupinata* B.D.Greene ex Bigelow**

Northeastern bladderwort, resupinate bladderwort

★ SPECIAL CONCERN

***vulgaris* L.**

Common bladderwort, great bladderwort

Utricularia macrorhiza Leconte

Utricularia vulgaris L. var. *americana* A.Gray

◆ **LIMNANTHACEAE—Meadow-foam Family**

***Floerkea* Willd.**

***proserpinacoides* Willd.**

False mermaid, false mermaid-weed

◆ **LINACEAE—Flax Family**

***Linum* L.**

***medium* (Planch.) Britton**

var. ***texanum* (Planch.) Fernald**

Common yellow flax, small yellow flax, stiff yellow flax

***perenne* L.**

Wild blue flax

INTRODUCED - ESCAPED

***rigidum* Pursh**

Stiff-stem yellow flax

INTRODUCED - ADVENTIVE

***sulcatum* Riddell**

Grooved yellow flax

***usitatissimum* L.**

Common flax

INTRODUCED - ADVENTIVE

Linum humile Mill.

◆ **LOBELIACEAE—Lobelia Family**

***Lobelia* L.**

***cardinalis* L.**

var. ***cardinalis***

Cardinal-flower

***dortmanna* L.**

Water lobelia

inflata L.

Indian-tobacco

kalmii L.

Bog lobelia, brook lobelia, fen lobelia, Kalm's lobelia, Ontario lobelia

siphilitica L.var. *ludoviciana* A.DC.

Great blue lobelia

var. *siphilitica*

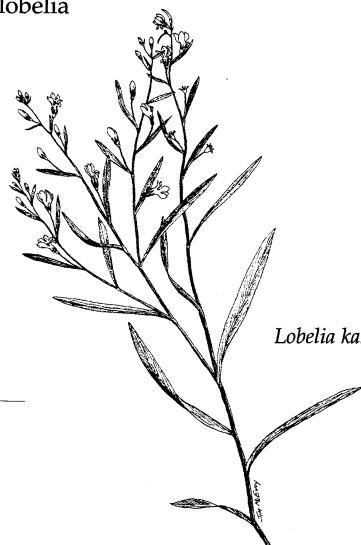
Great blue lobelia

spicata Lam.var. *hirtella* A.Gray

Hairy pale-spike lobelia, pale-spike lobelia, spiked lobelia

var. *spicata*

Pale-spike lobelia, spiked lobelia

Lobelia spicata Lam. var. *campanulata* McVaugh*Lobelia kalmii*

◆ LYTHRACEAE—Loosestrife Family

Ammannia L.*robusta* Heer & Regel

Grand red-stem, scarlet loosestrife, sessile tooth-cup

Decodon J.F.Gmel.*verticillatus* (L.) Elliottvar. *laevigatus* Torr. & A.Gray

Swamp loosestrife, water-willow, whorled loosestrife

var. *verticillatus*

Swamp loosestrife, water-willow, whorled loosestrife

Didiplis Raf.*diandra* (Nutt. ex DC.) A.W.Wood

Water-purslane

★ SPECIAL CONCERN

Didiplis diandra (Nutt. ex DC.) A.W.Wood f. *aquatica* (Koehe) Fassett*Didiplis diandra* (Nutt. ex DC.) A.W.Wood f. *terrestris* (Koehe) Fassett*Peplis diandra* Nutt. ex DC.*Lythrum* L.*alatum* Purshvar. *alatum*

Winged loosestrife, winged lythrum

salicaria L.

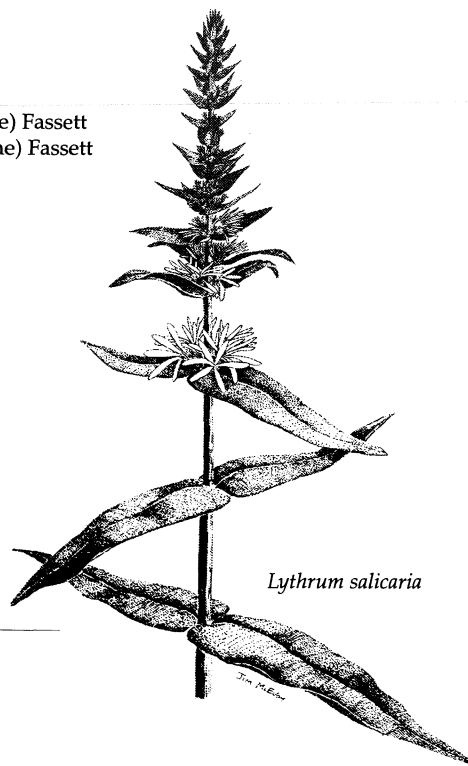
Purple loosestrife, spiked loosestrife

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

NUISANCE WEED

Lythrum salicaria L. var. *tomentosum* (Mill.) DC.*Rotala* L.*ramosior* (L.) Koehne

Lowland rotala, tooth-cup, wheel-wort tooth-cup

*Lythrum salicaria*

◆ MALVACEAE—Mallow Family

Abutilon Mill.*theophrasti* Medik.

Piemarker, velvet-leaf

INTRODUCED - NATURALIZED

***Alcea* L.**

***ficifolia* L.**

Antwerp hollyhock
INTRODUCED - RARELY ESCAPED

***rosea* L.**

Hollyhock
INTRODUCED - PERSISTING AND SPREADING
Alcea rosea L. var. *sibthorpii* Boiss.
Althaea rosea (L.) Cav.

***Althaea* L.**

***officinalis* L.**

Common marsh mallow
INTRODUCED - ESCAPED

***Callirhoe* Nutt.**

***alcaeoides* (Michx.) A.Gray**

Light poppy mallow, pale poppy mallow, purple poppy mallow
INTRODUCED - ADVENTIVE

***triangulata* (Leavenw.) A.Gray**

Clustered poppy mallow
★ SPECIAL CONCERN

***Hibiscus* L.**

***laevis* All.**

Halberd-leaved rose mallow, smooth rose mallow
Hibiscus militaris Cav.

***moscheutos* L.**

subsp. *moscheutos*

Crimson-eyed rose mallow, mallow-rose, rose mallow
INTRODUCED - ESCAPED; LISTED AS ★ SPECIAL CONCERN BY THE DNR
Hibiscus moscheutos L. subsp. *palustris* (L.) R.T.Clausen
Hibiscus palustris L.

***trionum* L.**

Flower-of-an-hour
INTRODUCED - NATURALIZED

***Malva* L.**

***alcea* L.**

Vervain mallow
INTRODUCED - ESCAPED

***crispa* (L.) L.**

Curled mallow, curly mallow
INTRODUCED - ESCAPED
Malva verticillata L. var. *crispa* L.

***moschata* L.**

Musk mallow
INTRODUCED - NATURALIZED

***neglecta* Wallr.**

Cheeses, common mallow
INTRODUCED - NATURALIZED

***rotundifolia* L.**

Dwarf mallow, round-leaved mallow
INTRODUCED - NATURALIZED
Malva borealis Wallman

***sylvestris* L.**

High mallow
INTRODUCED - RARELY ESCAPED
Malva sylvestris L. var. *mauritanica* (L.) Boiss.

verticillata L.

Cluster mallow, whorled mallow
INTRODUCED - ADVENTIVE

Napaea* L.dioica* L.

Glade mallow
★ SPECIAL CONCERN
Napaea dioica L. f. *stellata* Fassett

◆ **MELASTOMATACEAE—Meadow-beauty Family*****Rhexia* L.***virginica* L.

Handsome-harry, Virginia meadow-beauty, wing-stem meadow-pitchers
★ SPECIAL CONCERN

◆ **MENISPERMACEAE—Moonseed Family*****Menispermum* L.***canadense* L.

Canadian moonseed, common moonseed

◆ **MENYANTHACEAE—Buckbean Family*****Menyanthes* L.***trifoliata* L.

Bogbean, common buckbean
Menyanthes trifoliata L. var. *minor* Raf.

◆ **MIMOSACEAE—Mimosa Family*****Desmanthus* Willd.***illinoensis* (Michx.) MacMill. ex B.L.Rob. & Fernald

Illinois bundle-flower, prairie bundle-flower, prairie-mimosa
INTRODUCED - ADVENTIVE

Mimosa* L.nuttallii* (DC.) B.L.Turner

Sensitive-brier, sensitive-plant
INTRODUCED - ADVENTIVE

Mimosa quadrivalvis L. var. *nuttallii* (DC.) Beard ex Barneby
Schrankia nuttallii (DC.) Standl.

◆ **MOLLUGINACEAE—Carpetweed Family*****Mollugo* L.***verticillata* L.

Green carpetweed
INTRODUCED - NATURALIZED

◆ **MONOTROPACEAE—Indian-pipe Family**

***Monotropa* L.**

hypopithys L.

False beech-drops, pinesap

uniflora L.

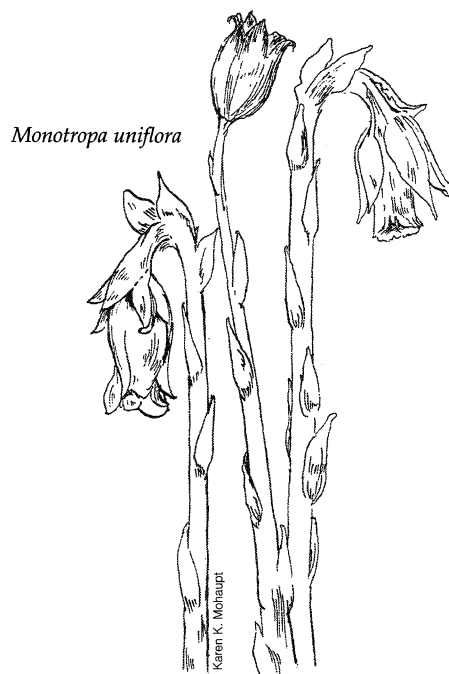
Indian-pipe

***Pterospora* Nutt.**

andromedeae Nutt.

Giant pinedrops, woodland pinedrops

✳ ENDANGERED



◆ **MORACEAE—Mulberry Family**

***Maclura* Nutt.**

pomifera (Raf.) C.K.Schneid.

Hedge-apple, osage-orange

INTRODUCED - PERSISTING AND SPREADING

***Morus* L.**

alba L.

Russian mulberry, white mulberry

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

Morus alba L. var. *tatarica* (L.) Ser.

rubra L.

American mulberry, red mulberry

Morus rubra L. var. *tomentosa* (Raf.) Bureau

◆ **MYRICACEAE—Bayberry Family**

***Comptonia* L'Hér. ex Aiton**

peregrina (L.) J.M.Coult.

Sweet-fern

Myrica asplenifolia L.

Myrica peregrina (L.) Kuntze

***Myrica* L.**

gale L.

Meadow-fern, sweet gale

Myrica gale L. var. *subglabra* (A.Chev.) Fernald

Myrica gale L. var. *tomentosa* C.DC.

◆ **NELUMBONACEAE—Lotus Family**

***Nelumbo* Adans.**

lutea Willd.

American lotus-lily, lotus, water-chinquapin

◆ **NYCTAGINACEAE—Four-o'clock Family**

***Mirabilis* L.**

hirsuta (Pursh) MacMill.

Hairy four-o'clock, hairy umbrella-wort

nyctaginea (Michx.) MacMill.

Heart-leaved umbrella-wort, wild four-o'clock

◆ NYMPHAEACEAE—Water-lily Family

Nuphar* Sm.**advena* (Aiton) W.T.Aiton**

Yellow pond-lily, yellow water-lily

★ SPECIAL CONCERN

Nuphar lutea (L.) Sm. subsp. *advena* (Aiton) Kartesz & Gandhi*Nuphar* × *interfluitans* Fernald***microphylla* (Pers.) Fernald**

Yellow pond-lily

Nuphar lutea (L.) Sm. subsp. *pumila* (Timm) E.O.Beal***variegata* Durand**

Bull-head pond-lily

Nuphar lutea (L.) Sm. subsp. *variegata* (Durand) E.O.Beal× ***rubrodisca* Morong**

Intermediate pond-lily

= *Nuphar microphylla* (Pers.) Fernald × *N. variegata* Durand***Nymphaea* L.*****odorata* Aiton**subsp. ***odorata***

American white water-lily, fragrant water-lily, white water-lily

subsp. ***tuberosa* (Paine) Wiersema & Hellq.**

American white water-lily, white water-lily

Nymphaea tuberosa Paine

◆ NYSSACEAE—Sour-gum Family

Nyssa* L.**sylvatica* Marshall**var. ***sylvatica***

Black gum, black tupelo, pepperidge, sour-gum

◆ OLEACEAE—Olive Family

Fraxinus* L.**americana* L.**

White ash

Fraxinus americana L. var. *biltmoreana* (Beadle) J.Wright ex Fernald***nigra* Marshall**

Black ash

***pennsylvanica* Marshall**

Green ash, red ash

Fraxinus pennsylvanica Marshall var. *subintegerrima* (Vahl) Fernald***quadrangulata* Michx.**

Blue ash

★ THREATENED

Ligustrum* L.**vulgare* L.**

Common privet, European privet

INTRODUCED - ESCAPED

Syringa* L.**vulgaris* L.**

Common lilac

INTRODUCED - PERSISTING AND SPREADING

◆ ONAGRACEAE—Evening-primrose Family

***Calylophus* Spach**

serrulatus (Nutt.) P.H.Raven

Yellow evening-primrose, yellow sundrops

★ SPECIAL CONCERN

Oenothera serrulata Nutt.

***Circaea* L.**

alpina L.

subsp. *alpina*

Alpine enchanter's-nightshade, northern enchanter's-nightshade, small enchanter's-nightshade

subsp. *alpina* × *C. lutetiana* L. subsp. *canadensis* (L.) Asch. & Magnus

lutetiana L.

subsp. *canadensis* (L.) Asch. & Magnus

Broad-leaf enchanter's-nightshade

Circaea canadensis (L.) Hill

Circaea lutetiana L. var. *canadensis* L.

Circaea quadrisulcata (Maxim.) Franch. & Sav. subsp. *canadensis* (L.) A.Löve & D.Löve

Circaea quadrisulcata (Maxim.) Franch. & Sav. var. *canadensis* (L.) Hara

***Epilobium* L.**

angustifolium L.

subsp. *circumvagum* Mosquin

Fireweed, great willow-herb

Epilobium angustifolium L. f. *albiflorum* (Dumort.) Hausskn.

Epilobium angustifolium L. var. *canescens* A.W.Wood

brachycarpum C.Presl

Annual willow-herb

INTRODUCED - ADVENTIVE

Epilobium paniculatum Nutt. ex Torr. & A.Gray

Epilobium paniculatum Nutt. ex Torr. & A.Gray var. *subulatum* (Hausskn.) Fernald

ciliatum Raf.

subsp. *ciliatum*

American willow-herb, coast willow-weed, hairy willow-herb

Epilobium glandulosum Lehm. var. *adenocaulon* (Hausskn.) Fernald

Epilobium glandulosum Lehm. var. *perplexans* (Trel.) Fernald

subsp. *glandulosum* (Lehm.) Hoch & P.H.Raven

American willow-herb, glandular willow-weed, hairy willow-herb

Epilobium glandulosum Lehm.

Epilobium glandulosum Lehm. var. *cardiophyllum* Fernald

Epilobium glandulosum Lehm. var. *occidentale* (Trel.) Fernald

coloratum Biehler

Cinnamon willow-herb, eastern willow-herb

hirsutum L.

Codlins-and-cream, European fireweed, hairy willow-herb

INTRODUCED - LOCALLY ESTABLISHED; ECOLOGICALLY INVASIVE

leptophyllum Raf.

American marsh willow-herb, bog willow-herb, fen willow-herb

palustre L.

Marsh willow-herb

★ SPECIAL CONCERN

Epilobium palustre L. var. *grammadophyllum* Hausskn.

Epilobium palustre L. var. *oliganthum* (Michx.) Fernald

strictum Muhl. ex Spreng.

Downy willow-herb, northeastern willow-herb

★ SPECIAL CONCERN

× *wisconsinense* Ugent

Wisconsin willow-herb

= *Epilobium ciliatum* Raf. subsp. *ciliatum* × *E. coloratum* Biehler**Gaura L.***biennis* L.

Biennial bee-blossom, biennial gaura

coccinea Nutt. ex Pursh

Scarlet bee-blossom, scarlet gaura

INTRODUCED - ADVENTIVE

longiflora Spach

Long-flower bee-blossom

INTRODUCED - ADVENTIVE

Gaura biennis L. var. *pitcheri* Torr. & A.Gray**Ludwigia L.***alternifolia* L.

False-loosestrife, seed-box, square-pod water-primrose

palustris (L.) Elliott

Marsh purslane, marsh seed-box, water-purslane

Ludwigia palustris (L.) Elliott var. *americana* (DC.) Fernald & Griscom*polycarpa* Short & R.Peter

False-loosestrife, top-pod water-primrose

Oenothera L.*biennis* L.

Bastard evening-primrose, common evening-primrose

Oenothera nutans G.F.Atk. & Bartlett*clelandii* W.Dietr., P.H.Raven & W.L.Wagner

Cleland's evening-primrose, sand evening-primrose

Oenothera rhombipetala auct. non Nutt. ex Torr. & A.Gray*glazioviana* Micheli

Garden evening-primrose, red-sepal evening-primrose

INTRODUCED – ADVENTIVE

Oenothera erythrosepala Borbás*laciniata* Hillsubsp. *laciniata*

Cut-leaved evening-primrose, ragged evening-primrose

nutallii Sweet

Nuttall's evening-primrose, white evening-primrose

INTRODUCED - ADVENTIVE

oakesiana (A.Gray) J.W.Robbins ex S.Watson & Coult.

Oakes' evening-primrose

Oenothera parviflora L. var. *oakesiana* (A.Gray) Fernald*parviflora* L.

Northern evening-primrose, small-flowered evening-primrose

perennis L.

Small evening-primrose, small sundrops

pilosella Raf.subsp. *pilosella*

Meadow evening-primrose, meadow sundrops, prairie sundrops

INTRODUCED - ESCAPED

rhombipetala Nutt. ex Torr. & A.Gray

Four-point evening-primrose, long-spike evening-primrose

INTRODUCED - ADVENTIVE

villosa Thunb.

subsp. *strigosa* (Rydb.) W.Dietr. & P.H.Raven

Hairy evening-primrose

Oenothera strigosa (Rydb.) Mack. & Bush

subsp. *villosa*

Hairy evening-primrose

Oenothera biennis L. var. *canescens* Torr. & A.Gray

◆ **OROBANCHACEAE—Broom-rape Family**

***Conopholis* Wallr.**

americana (L.) Wallr.

American squawroot

***Epifagus* Nutt.**

virginiana (L.) W.P.C.Barton

Beech-drops, cancer-root

***Orobanche* L.**

fasciculata Nutt.

Clustered broom-rape

★ THREATENED

ludoviciana Nutt.

⊕ ENDANGERED

subsp. *ludoviciana*

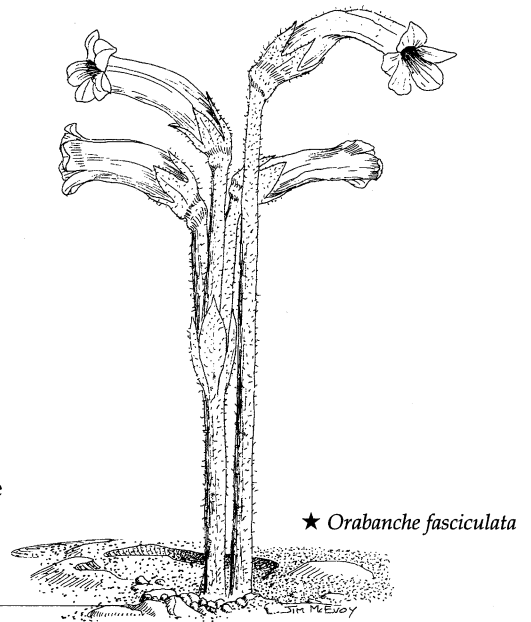
Louisiana broom-rape, prairie broom-rape

uniflora L.

Cancer-root, naked broom-rape, one-flowered broom-rape

☆ SPECIAL CONCERN

Orobanche purpurea Jacq.



★ *Orobanche fasciculata*

◆ **OXALIDACEAE—Wood-sorrel Family**

***Oxalis* L.**

corniculata L.

Creeping yellow wood-sorrel

INTRODUCED - ADVENTIVE

dillenii Jacq.

Dillenius' oxalis, southern yellow wood-sorrel

Oxalis stricta L., sensu Lourteig (1979) & Voss (1985)

montana Raf.

Mountain wood-sorrel

Oxalis acetosella auct. non L.

stricta L.

Common yellow oxalis, tall wood-sorrel

Oxalis europaea Jord.

Oxalis europaea Jord. f. *cymosa* (Small) Wiegand

Oxalis europaea Jord. f. *pilosella* Wiegand

Oxalis europaea Jord. f. *subglabrata* Wiegand

Oxalis europaea Jord. f. *villicaulis* Wiegand

Oxalis europaea Jord. var. *bushii* (Small) Wiegand

Oxalis fontana Bunge

Oxalis stricta L. var. *piletocarpa* Wiegand

violacea L.

Violet wood-sorrel

Oxalis violacea L. f. *albida* Fassett

◆ PAPAVERACEAE—Poppy Family

Argemone* L.albiflora* Hornem.subsp. *albiflora*

Blue-stem prickly poppy

INTRODUCED - ADVENTIVE

Argemone alba T.Lestib.***Chelidonium* L.***majus* L.

Greater celandine

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Eschscholzia* Cham.californica* Cham.

California poppy

INTRODUCED - RARELY ESCAPED

Papaver* L.orientale* L.

Oriental poppy

INTRODUCED - RARELY ESCAPED

rhoeas L.

Corn poppy, Flander's poppy, Shirley's poppy

INTRODUCED - ESCAPED

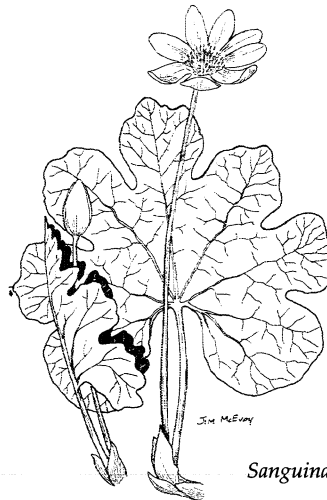
somniferum L.subsp. *setigerum* (DC.) Corb.

Common poppy, opium poppy

INTRODUCED - ESCAPED

Sanguinaria* L.canadensis* L.

Bloodroot

*Sanguinaria canadensis*

◆ PEDALIACEAE—Sesame Family

Sesamum* L.indicum* L.

Sesame

INTRODUCED - ESCAPED

◆ PHYTOLACCACEAE—Pokeweed Family

Phytolacca* L.acinosa* Roxb.

Edible pokeweed

INTRODUCED - PERSISTING AND SPREADING

americana L.

American pokeberry, pokeweed

◆ **PLANTAGINACEAE—Plantain Family**

***Littorella* Berg**

uniflora (L.) Asch.

var. *americana* (Fernald) Gleason

American shoreweed, plantain shoreweed, shoreweed

Littorella americana Fernald

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

***Plantago* L.**

aristata Michx.

Bracted plantain, buck-horn, large-bracted plantain

INTRODUCED - NATURALIZED

cordata Lam.

Heart-leaved plantain, king-root

⊕ ENDANGERED

lanceolata L.

English plantain, narrow-leaved plantain, plantain, ribgrass

INTRODUCED - NATURALIZED

major L.

Broad-leaved plantain, common plantain, plantain

INTRODUCED - NATURALIZED

media L.

Dwarf plantain, hoary plantain

INTRODUCED - ADVENTIVE

patagonica Jacq.

Woolly plantain

INTRODUCED - NATURALIZED

Plantago patagonica Jacq. var. *gnaphalioides* (Nutt.) A.Gray

Plantago patagonica Jacq. var. *spinulosa* (Decne.) A.Gray

Plantago purshii Roem. & Schult.

psyllium L.

Leafy-stemmed plantain, psyllium, whorled plantain

INTRODUCED - ADVENTIVE

Plantago indica L.

rugelii Decne.

American plantain, black-seeded plantain, red-stalked plantain, Rugel's plantain

virginica L.

Dwarf plantain, pale-seed plantain, Virginia plantain

INTRODUCED - ADVENTIVE



⊕ *Plantago cordata*

◆ **PLATANACEAE—Plane-tree Family**

***Platanus* L.**

occidentalis L.

American plane-tree, sycamore

★ SPECIAL CONCERN

◆ **POLEMONIACEAE—Phlox Family**

***Collomia* Nutt.**

linearis Nutt.

Collomia, narrow-leaved mountain trumpet

INTRODUCED - ADVENTIVE

Gilia Ruiz & Pav.*achilleifolia* Benth.subsp. *multicaulis* (Benth.) V.E. Grant & A.L. GrantCalifornia *gilia*

INTRODUCED - ESCAPED

Ipomopsis Michx.*rubra* (L.) Wherry

Standing-cypress

INTRODUCED - ESCAPED

Gilia rubra (L.) A. Heller***Phlox L.****bifida* Beck

★ SPECIAL CONCERN

subsp. *bifida*

Cleft phlox, sand phlox, ten-point phlox

subsp. *bifida* × *P. subulata* L.

INTRODUCED - RARELY ESCAPED

divaricata L.subsp. *laphamii* (A.W. Wood) Wherry

Blue phlox, forest phlox, wild blue phlox, wild sweet-William, woodland phlox

Phlox divaricata L. var. *laphamii* A.W. Wood*glaberrima* L.subsp. *interior* (Wherry) Wherry

Smooth phlox

✱ ENDANGERED

Phlox glaberrima L. var. *interior* Wherry*paniculata* L.

Fall phlox, garden phlox, perennial phlox, summer phlox

INTRODUCED - NATURALIZED

pilosa L.subsp. *fulgida* (Wherry) Wherry

Downy phlox, prairie phlox

Phlox pilosa L. var. *fulgida* Wherrysubsp. *pilosa*

Downy phlox, prairie phlox

subulata L.

Moss phlox, moss-pink

INTRODUCED - ESCAPED

Polemonium L.*occidentale* Greenesubsp. *lacustre* Wherry

Western Jacob's-ladder, western polemonium

✱ ENDANGERED

reptans L.var. *reptans*

Greek-valerian, spreading Jacob's-ladder

◆ POLYGALACEAE—Milkwort Family

Polygala L.*cruciata* L.

Cross milkwort, cross-leaf milkwort, drum-heads

★ SPECIAL CONCERN

Polygala cruciata L. var. *aquilonia* Fernald & B.G. Schub.

incarnata L.

Pink milkwort, procession flower

☉ ENDANGERED

paucifolia Willd.

Flowering-wintergreen, fringed polygala, gay-wings

polygama Walter

var. *obtusata* Chodat

Bitter milkwort, purple milkwort, racemed milkwort

sanguinea L.

Blood milkwort, field milkwort, purple milkwort

Polygala sanguinea L. f. *albiflora* Millsp.

Polygala sanguinea L. f. *typica* Farw.

Polygala sanguinea L. f. *viridescens* (L.) Farw.

senega L.

var. *latifolia* Torr. & A.Gray

Seneca snakeroot

var. *senega*

Seneca snakeroot, senega root

verticillata L.

var. *ambigua* (Nutt.) A.W.Wood

Whorled milkwort

Polygala ambigua Nutt.

var. *isocycla* Fernald

Short whorled milkwort

var. *sphenostachya* Pennell

Whorled milkwort

var. *verticillata*

Tall whorled milkwort

☉ *Polygala incarnata*

◆ POLYGONACEAE—Smartweed Family

Fagopyrum Mill.

esculentum Moench

Buckwheat, fagopyrum

INTRODUCED - NATURALIZED

Fagopyrum sagittatum Gilib.

Polygonella Michx.

articulata (L.) Meisn.

Coastal joint-weed

Polygonum L.

achoreum S.F.Blake

Beak-seeded knotweed, leathery knotweed

amphibium L.

var. *emersum* Michx.

Long-root smartweed, water heart's-ease, water smartweed

Polygonum coccineum Muhl. ex Willd.

Polygonum coccineum Muhl. ex Willd. f. *terrestre* (Willd.) Stanford

var. *stipulaceum* N.Coleman

Water heart's-ease, water smartweed

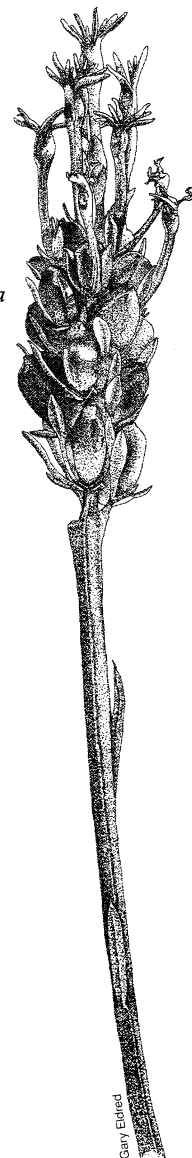
Polygonum natans Eaton f. *genuinum* Stanford

Polygonum natans Eaton f. *hartwrightii* (A.Gray) Stanford

arenastrum Boreau

Door-yard knotweed, oval-leaved knotweed

INTRODUCED - NATURALIZED



arifolium L.

Halberd-leaved tear-thumb

Polygonum arifolium L. var. *pubescens* (R.Keller) Fernald**aviculare L.**

Common knotweed, prostrate knotweed

INTRODUCED - NATURALIZED

Polygonum aviculare L. var. *vegetum* Ledeb.**buxiforme Small**

Box knotweed, boxwood knotweed

Polygonum aviculare L. var. *crassifolium* Lange**careyi Olney**

Carey's heart's-ease, Carey's smartweed

cespitosum Blume**var. longisetum (Bruyn) Stewart**

Oriental lady's-thumb

INTRODUCED - LOCALLY ESTABLISHED

cilinode Michx.

Black-fringe bindweed, fringed bindweed

Bilderdykia cilinodis (Michx.) Greene**convolvulus L.**

Black-bindweed, false buckwheat

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

Bilderdykia convolvulus (L.) Dumort.*Fallopia convolvulus* (L.) A.Löve**cuspidatum Siebold & Zucc.**

Japanese knotweed, Mexican bamboo

INTRODUCED - PERSISTING AND SPREADING; ECOLOGICALLY INVASIVE

Reynoutria japonica Houtt.**erectum L.**

Erect knotweed

hydropiper L.

Marsh-pepper knotweed, water-pepper

INTRODUCED - NATURALIZED

Polygonum hydropiper L. var. *projectum* Stanford**hydropiper L. × punctatum Elliott**

INTRODUCED - ADVENTIVE

hydropiperoides Michx.

False water-pepper, mild water-pepper, swamp smartweed

Polygonum hydropiperoides Michx. var. *opelousanum* (Riddell ex Small) W.Stone*Polygonum opelousanum* Riddell ex Small var. *adenocalyx* Stanford**lapathifolium L.**

Curly-top knotweed, dock-leaved smartweed, heart's-ease

Polygonum lapathifolium L. var. *salicifolium* Sibth.*Polygonum scabrum* Moench**orientale L.**

Kiss-me-over-the-garden-gate, prince's-feather

INTRODUCED - ESCAPED

pensylvanicum L.

Pennsylvania knotweed, Pennsylvania smartweed, pinkweed

Polygonum bicorne Raf.*Polygonum longistylum* Small*Polygonum pensylvanicum* L. var. *laevigatum* Fernald**persicaria L.**

Heart's-ease, spotted lady's-thumb

INTRODUCED - NATURALIZED

punctatum Elliott

var. confertiflorum (Meisn.) Fassett

Dotted smartweed

Polygonum punctatum Elliott var. *leptostachyum* (Meisn.) Small

var. littorale Fassett

Dotted smartweed

var. punctatum

Dotted smartweed

ramosissimum Michx.

Bushy knotweed

Polygonum exsertum Small

Polygonum ramosissimum Michx. f. *atlanticum* B.L.Rob.

sachalinense F.W.Schmidt ex Maxim.

Giant knotweed

INTRODUCED - PERSISTING AND SPREADING

Reynoutria sachalinensis (F.W.Schmidt ex Maxim.) Nakai

sagittatum L.

Arrow-leaved tear-thumb

scandens L.

var. cristatum (Engelm. & A.Gray) Gleason

Climbing false buckwheat

Polygonum cristatum Engelm. & A.Gray

var. scandens

Climbing false buckwheat

tenue Michx.

Pleat-leaf knotweed, slender knotweed

virginianum L.

Jumpseed, woodland knotweed

Tovara virginiana (L.) Raf.

Rheum L.

rhabarbarum L.

Garden rhubarb, pie plant

INTRODUCED - ESCAPED

Rheum rhaponticum auct. non L.

Rumex L.

acetosa L.

Green sorrel

INTRODUCED - RARELY ESCAPED

acetosella L.

Common sheep sorrel, field sorrel, red sorrel, sheep sorrel

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

altissimus A.W.Wood

Pale dock, smooth dock, water dock

crispus L.

Curly dock, sour dock

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

longifolius DC.

Door-yard dock, yard dock

INTRODUCED - LOCALLY ESTABLISHED

Rumex domesticus Hartm.

maritimus L.

subsp. fueginus (Phil.) Hultén

Golden dock

Rumex maritimus L. var. *fueginus* (Phil.) Dusén

***obtusifolius* L.**

Bitter dock

INTRODUCED - NATURALIZED

***orbiculatus* A.Gray**

Great water dock

Rumex britannica auct. Amer. non L.*Rumex orbiculatus* A.Gray var. *borealis* Rech.f.***patientia* L.**

Patience dock

INTRODUCED - LOCALLY ESTABLISHED

Rumex patientia L. var. *kurdicus* Boiss.***salicifolius* Weinm.****var. *mexicanus* (Meisn.) C.L.Hitchc.**

Willow dock

Rumex mexicanus Meisn.*Rumex salicifolius* Weinm. var. *triangulivalvis* (Danser) Hickman*Rumex triangulivalvis* (Danser) Rech.f.***venosus* Pursh**

Veiny dock

INTRODUCED - ADVENTIVE

***verticillatus* L.**

Swamp dock, water dock

× *acutus* L.

Acute dock

INTRODUCED - NATURALIZED

= *Rumex crispus* L. × *R. obtusifolius* L.*Rumex pratensis* Mert. & W.D.J.Koch.◆ **PORTULACACEAE—Purslane Family*****Claytonia* L.***caroliniana* Michx.**var. *caroliniana***

Carolina spring-beauty, spring-beauty

virginica L.**var. *virginica***

Spring-beauty, Virginia spring-beauty

Portulaca* L.grandiflora* L.

Moss-rose, rose-moss

INTRODUCED - RARELY ESCAPED

oleracea L.

Little hogweed, purslane, pusley

INTRODUCED (?) - NATURALIZED

Talinum* Adans.rugospermum* Holz.

Prairie fame-flower, sand fame-flower

★ SPECIAL CONCERN

◆ **PRIMULACEAE—Primrose Family*****Anagallis* L.***arvensis* L.

Common pimpernel, scarlet pimpernel

INTRODUCED - NATURALIZED

Androsace L.

***occidentalis* Pursh**

Rock-jasmine, western androsace

Dodecatheon L.

***amethystinum* (Fassett) Fassett**

Jeweled shooting-star

★ SPECIAL CONCERN

Dodecatheon amethystinum (Fassett) Fassett f. *margaritaceum* Fassett

Dodecatheon meadia L. var. *amethystinum* Fassett

Dodecatheon radicans Greene var. *radicans* pro parte

***meadia* L.**

subsp. *meadia*

Eastern shooting-star, pride-of-Ohio

Lysimachia L.

***ciliata* L.**

Fringed loosestrife

***ciliata* L. × *L. lanceolata* Walter**

***clethroides* Duby**

Gooseneck yellow loosestrife, white loosestrife

INTRODUCED - ESCAPED

***hybrida* Michx.**

Lowland yellow loosestrife, Mississippi-valley loosestrife, river loosestrife

***lanceolata* Walter**

Lance-leaved loosestrife

***nummularia* L.**

Creeping-Charlie, creeping-Jennie, moneywort

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

***quadriflora* Sims**

Narrow-leaved loosestrife, smooth loosestrife

***quadrifolia* L.**

Whorled loosestrife, whorled yellow loosestrife

***terrestris* (L.) Britton, Sterns & Poggenb.**

Bulbil loosestrife, swamp-candles, swamp loosestrife

***thyrsiflora* L.**

Swamp loosestrife, tufted loosestrife

***vulgaris* L.**

Garden loosestrife, garden yellow loosestrife

INTRODUCED - ESCAPED

× *commixta* Fernald

Loosestrife

= *Lysimachia terrestris* (L.) Britton, Sterns & Poggenb. × *L. thyrsiflora* L.

× *producta* (A.Gray) Fernald (pro sp.)

Loosestrife

= *Lysimachia quadrifolia* L. × *L. terrestris* (L.) Britton, Sterns & Poggenb.

Primula L.

***mistassinica* Michx.**

Bird's-eye primrose, Lake Mistassini primrose

★ SPECIAL CONCERN

Primula mistassinica Michx. var. *noveboracensis* Fernald

Samolus L.

***valerandi* L.**

subsp. *parviflorus* (Raf.) Hultén

Seaside brookweed, water pimpernel

Samolus floribundus Kunth

Samolus parviflorus Raf.

Trientalis* L.borealis* Raf.subsp. *borealis*

American starflower

◆ **PYROLACEAE—Shin-leaf Family*****Chimaphila* Pursh***umbellata* (L.) W.P.C.Bartonsubsp. *cisatlantica* (S.F.Blake) Hultén

Pipsissewa, prince's-pine

Chimaphila umbellata (L.) W.P.C.Barton var. *cisatlantica* S.F.Blake***Moneses* Salisb. ex S.F.Gray***uniflora* (L.) A.Graysubsp. *uniflora*

One-flowered pyrola, one-flowered shin-leaf, one-flowered wood-nymph, single delight

Orthilia* Raf.secunda* (L.) House

One-sided shin-leaf, one-sided wintergreen

Pyrola secunda L.*Pyrola secunda* L. var. *obtusata* Turcz.***Pyrola* L.***asarifolia* Michx.subsp. *asarifolia*

Liver-leaf wintergreen, pink shin-leaf

Pyrola asarifolia Michx. var. *incarnata* (DC.) Fernald*Pyrola asarifolia* Michx. var. *purpurea* (Bunge) Fernald*chlorantha* Sw.

Green-flowered wintergreen, shin-leaf

Pyrola chlorantha Sw. var. *convoluta* (W.P.C.Barton) Fernald*Pyrola chlorantha* Sw. var. *paucifolia* Fernald*Pyrola virens* Schweigg.*Pyrola virens* Schweigg. f. *paucifolia* (Fernald) Fernald*Pyrola virens* Schweigg. var. *convoluta* (W.P.C.Barton) Fernald*elliptica* Nutt.

Elliptic shin-leaf, large-leaved shin-leaf, wax-flower shin-leaf

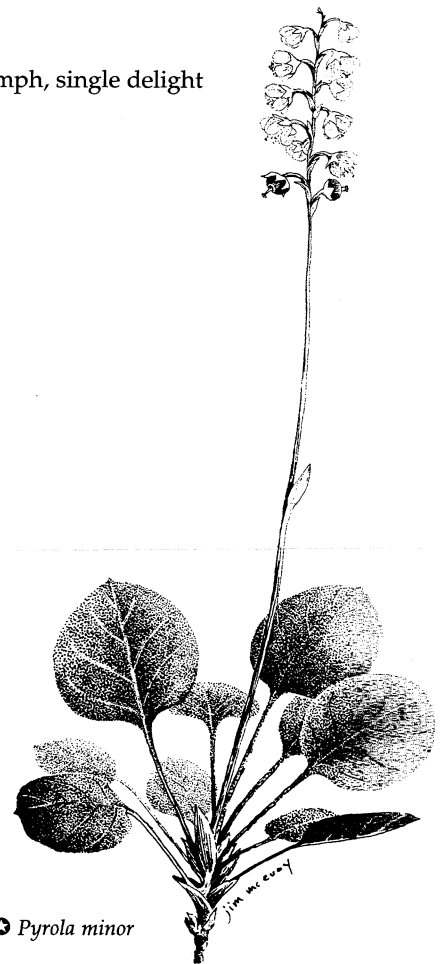
minor L.

Lesser wintergreen, little shin-leaf, small shin-leaf

☉ ENDANGERED

rotundifolia L.subsp. *americana* (Sweet) R.T.Clausen

Round-leaved shin-leaf

Pyrola americana Sweet*Pyrola rotundifolia* L. var. *americana* (Sweet) Fernald☉ *Pyrola minor*◆ **RANUNCULACEAE—Buttercup Family*****Aconitum* L.***columbianum* Nutt.subsp. *columbianum*

Columbian monk's-hood

Aconitum noveboracense A.Gray ex Coville

★ THREATENED - LISTED UNDER THIS SYNONYM BY THE DNR (FEDERALLY THREATENED)

Aconitum noveboracense A.Gray ex Coville var. *quasiciliatum* Fassett

napellus L.

Garden aconite, Venus'-chariot
INTRODUCED - RARELY ESCAPED

Actaea L.

pachypoda Elliott

Doll's-eyes, white baneberry
Actaea alba auct. non (L.) Mill.
Actaea pachypoda Elliott f. *microcarpa* (DC.) Fassett
Actaea pachypoda Elliott f. *rubrocarpa* (Killip) Fernald

pachypoda Elliott × *A. rubra* (Aiton) Willd.

Hybrid actaea

rubra (Aiton) Willd.

Red baneberry
Actaea rubra (Aiton) Willd. f. *neglecta* (Gillman) B.L.Rob.
Actaea rubra (Aiton) Willd. var. *gigantea* R.R.Gates

Anemone L.

acutiloba (DC.) G.Lawson

Sharp-lobed hepatica
Hepatica acutiloba DC.
Hepatica nobilis Schreb. var. *acuta* (Pursh) Steyerem.

americana (DC.) H.Hara

Round-lobed hepatica
Hepatica americana (DC.) Ker Gawl.
Hepatica nobilis Schreb. var. *obtusa* (Pursh) Steyerem.

canadensis L.

Canada anemone, Canadian anemone, meadow anemone

caroliniana Walter

Carolina anemone, prairie anemone
✱ ENDANGERED

cylindrica A.Gray

Candle anemone, long-headed anemone, thimbleweed

multifida Poir.

var. *multifida*

Cut-leaved anemone, early anemone, Pacific anemone
Anemone multifida Poir. var. *hudsoniana* DC.
✱ ENDANGERED - LISTED UNDER THIS SYNONYM BY THE DNR

patens L.

Pulsatilla patens (L.) Mill.
var. *multifida* Pritz.
American pasqueflower, prairie-smoke
Anemone multifida (Pritz.) Zämelis, non Poir.
Anemone patens L. var. *wolfgangiana* (Besser) Koch
Pulsatilla nuttalliana (DC.) Spreng.
Pulsatilla patens (L.) Mill. subsp. *multifida* (Pritz.) Zämelis

quinquefolia L.

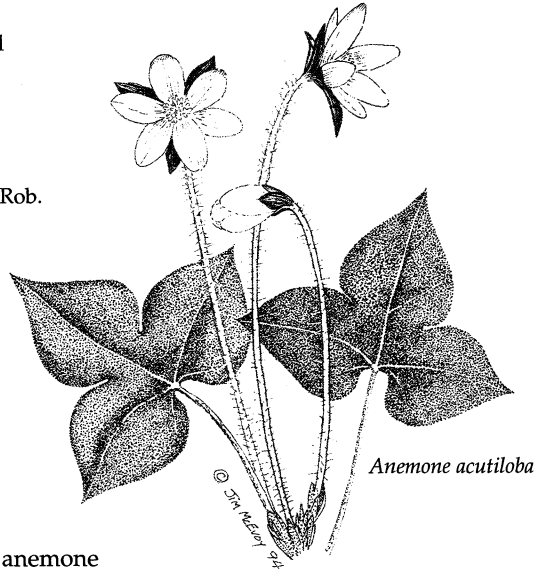
var. *quinquefolia*

Nightcaps, wood anemone
Anemone nemorosa L. var. *bifolia* (Farw.) B.Boivin
Anemone quinquefolia L. var. *bifolia* Farw.
Anemone quinquefolia L. var. *interior* Fernald

virginiana L.

var. *alba* (Oakes) A.W.Wood

Tall anemone, thimbleweed
Anemone riparia Fernald
Anemone riparia Fernald f. *inconspicua* Fernald
Anemone virginiana L. var. *riparia* (Fernald) B.Boivin



Anemone acutiloba



Anemone patens

var. virginiana

Tall anemone, tall thimbleweed

Anemone virginiana L. f. *leucosepala* Fernald**Aquilegia L.****canadensis L.**

Canadian columbine, red columbine, wild columbine

Aquilegia canadensis L. f. *flaviflora* (Tenney) Britton*Aquilegia canadensis* L. var. *coccinea* (Small) Munz*Aquilegia canadensis* L. var. *eminens* (Greene) B.Boivin**vulgaris L.**

European columbine, garden columbine

INTRODUCED - PERSISTING AND SPREADING

Caltha L.**natans Pall.**

Floating marsh-marigold

☼ ENDANGERED

palustris L.

Cowslip, marsh-marigold, yellow marsh-marigold

Caltha palustris L. var. *radicans* (J.R.Forst.) Huth**Ceratocephala Moench****testiculata (Crantz) Roth**

Bur buttercup, curve-seed butterwort

INTRODUCED - ADVENTIVE

Clematis L.**occidentalis (Hornem.) DC.**

★ SPECIAL CONCERN

var. occidentalis

Purple clematis, western blue virgin's-bower

Clematis verticillaris DC.**virginiana L.**

Devil's-darning needles, virgin's-bower

Consolida (DC.) S.F.Gray**ajacis (L.) Schur**

Doubtful knight's spur

INTRODUCED - ESCAPED

Consolida ambigua auct. non (L.) P.W.Ball & Heywood*Delphinium ajacis* L.*Delphinium ambiguum* auct. non L.**Coptis Salisb.****trifolia (L.) Salisb.**

Three-leaved gold-thread

Coptis groenlandica (Oeder) Fernald*Coptis trifolia* (L.) Salisb. subsp. *groenlandica* (Oeder) Hultén*Coptis trifolia* (L.) Salisb. var. *groenlandica* (Oeder) Fassett**Delphinium L.****carolinianum Walter****subsp. virescens (Nutt.) R.E.Brooks**

Carolina larkspur, plains larkspur, prairie larkspur, white larkspur

Delphinium penardii Huth*Delphinium virescens* Nutt.**elatum L.**

Candle larkspur

INTRODUCED - RARELY ESCAPED

Caltha palustris

Enemion Raf.

***bitermatum* Raf.**

False rue-anemone

Isopyrum bitermatum (Raf.) Torr. & A.Gray

Isopyrum bitermatum (Raf.) Torr. & A.Gray f. *acutilobum* Fernald

Hydrastis L.

***canadensis* L.**

Goldenseal

★ SPECIAL CONCERN

Myosurus L.

***minimus* L.**

Tiny mouse's-tail

INTRODUCED - ADVENTIVE

Myosurus minimus L. subsp. *major* (Greene) G.R.Campb.

Ranunculus L.

***abortivus* L.**

Little-leaf buttercup, small-flowered buttercup

Ranunculus abortivus L. var. *acrolasius* Fernald

Ranunculus abortivus L. var. *eucyclus* Fernald

***acris* L.**

Common buttercup, blister plant, meadow buttercup, tall buttercup

INTRODUCED - NATURALIZED

***aquatilis* L.**

var. *diffusus* With.

White water crowfoot

Ranunculus aquatilis L. var. *capillaceus* (Thuill.) DC.

Ranunculus circinatus auct. non Sibth.

Ranunculus circinatus Sibth. var. *subrigidus* (W.B.Drew) L.D.Benson

Ranunculus longirostris Godr.

Ranunculus subrigidus W.B.Drew

Ranunculus trichophyllus Chaix

Ranunculus trichophyllus Chaix var. *calvescens* W.B.Drew

Ranunculus trichophyllus Chaix var. *eradicatus* (Laest.) W.B.Drew

***cymbalaria* Pursh**

Alkali buttercup, seaside crowfoot

★ THREATENED

Ranunculus cymbalaria Pursh f. *hebecaulis* Fernald

Ranunculus cymbalaria Pursh var. *saximontanus* Fernald

***fascicularis* Muhl. ex J.M.Bigelow**

Early buttercup, thick-root buttercup

***ficaria* L.**

Fig buttercup, lesser celandine

INTRODUCED - ESCAPED; ECOLOGICALLY INVASIVE

***flabellaris* Raf.**

Yellow water buttercup, yellow water crowfoot

Ranunculus delphiniifolius Torr. ex Eaton

Ranunculus flabellaris Raf. f. *riparius* Fernald

***flabellaris* Raf. × *R. sceleratus* L.**

***flammula* L.**

var. *ovalis* (J.M.Bigelow) L.D.Benson

Creeping spearwort, spearwort buttercup

Ranunculus reptans L. var. *ovalis* (J.M.Bigelow) Torr. & A.Gray

var. *reptans* (L.) E.Mey.

Creeping spearwort, flam butttercup, spearwort buttercup

Ranunculus flammula L. var. *filiformis* (Michx.) Hook.

Ranunculus reptans L.

gmelinii DC.

Gmelin's buttercup, small yellow water-crowfoot

Ranunculus gmelinii DC. var. *hookeri* (D.Don) L.D.Benson

⊕ ENDANGERED - LISTED UNDER THIS SYNONYM BY THE DNR

Ranunculus gmelinii DC. var. *limosus* (Nutt.) H.Hara

Ranunculus gmelinii DC. var. *purshii* (Richardson) H.Hara

Ranunculus gmelinii DC. var. *terrestris* (Ledeb.) L.D.Benson

Ranunculus gmelinii DC. var. *terrestris* (Ledeb.) L.D.Benson f. *purshii* (Richardson) Fassett

hispidus Michx.**var. caricetorum (Greene) T.Duncan**

Bristly buttercup, hispid buttercup, rough buttercup

Ranunculus septentrionalis Poir. var. *caricetorum* (Greene) Fernald

var. hispidus

Bristly buttercup, hispid buttercup, rough buttercup

var. nitidus (Chapm.) T.Duncan

Bristly buttercup, hispid buttercup, rough buttercup

Ranunculus septentrionalis Poir.

lapponicus L.

Lapland buttercup

⊕ ENDANGERED

pensylvanicus L.f.

Bristly buttercup, bristly crowfoot, Pennsylvania buttercup

recurvatus Poir.**var. recurvatus**

Blisterwort, hooked buttercup

Ranunculus recurvatus Poir. f. *laevicaulis* Weath.

repens L.

Creeping buttercup

INTRODUCED - LOCALLY ESTABLISHED

Ranunculus repens L. var. *glabratus* DC.

Ranunculus repens L. var. *villosus* Lamotte

rhomboideus Goldie

Prairie buttercup, prairie crowfoot

sceleratus L.**var. multifidus Nutt.**

Blister buttercup, cursed crowfoot

var. sceleratus

Celery-leaf buttercup, cursed crowfoot

Thalictrum L.**dasycarpum Fisch. & Avé-Lall.**

Purple meadow-rue, tall meadow-rue

Thalictrum dasycarpum Fisch. & Avé-Lall. var. *hypoglaucum* (Rydb.) B.Boivin

dioicum L.

Early meadow-rue, quicksilver-weed

revolutum DC.

Skunk meadow-rue, wax-leaf meadow-rue, waxy meadow-rue

★ SPECIAL CONCERN

Thalictrum revolutum DC. var. *glandulosior* B.Boivin

thalictroides (L.) A.J.Eames & B.Boivin

Rue-anemone, wind-flower

Anemonella thalictroides (L.) Spach

Anemonella thalictroides (L.) Spach f. *favilliana* Bergseng

venulosum Trel.

Northern meadow-rue, veined meadow-rue

★ SPECIAL CONCERN

◆ RESEDACEAE—Mignonette Family

Reseda L.

lutea L.

Dyer's-rocket, yellow mignonette
INTRODUCED - LOCALLY ESTABLISHED

◆ RHAMNACEAE—Buckthorn Family

Ceanothus L.

americanus L.

New Jersey tea, red-root
Ceanothus americanus L. var. *intermedius* (Pursh) Torr. & A.Gray
Ceanothus americanus L. var. *pitcheri* Torr. & A.Gray

herbaceus Raf.

Inland New Jersey tea, Jersey tea, prairie red-root
Ceanothus ovatus auct. non Desf.
Ceanothus ovatus Desf. f. *pubescens* (Torr. & A.Gray ex S.Watson) Soper
Ceanothus ovatus Desf. var. *pubescens* Torr. & A.Gray ex S.Watson

Rhamnus L.

alnifolia L'Hér.

Alder buckthorn, alder-leaf buckthorn

cathartica L.

Common buckthorn, European buckthorn
INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

frangula L.

European alder buckthorn, glossy buckthorn
INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE
Frangula alnus Mill.

lanceolata Pursh

var. *glabrata* Gleason

Lance-leaved buckthorn
★ SPECIAL CONCERN

Rhamnus lanceolata Pursh subsp. *glabrata* (Gleason) Kartesz & Gandhi

◆ ROSACEAE—Rose Family

Agrimonia L.

gryposepala Wallr.

Common agrimony, tall hairy agrimony

parviflora Aiton

Harvest-lice, southern agrimony, swamp agrimony
★ SPECIAL CONCERN

pubescens Wallr.

Downy agrimony, soft agrimony

striata Michx.

Grooved agrimony, roadside agrimony

Amelanchier Medik.

arborea (F.Michx.) Fernald

Downy Juneberry, common serviceberry

bartramiana (Tausch) M.Roem.

Bartram's Juneberry, mountain serviceberry, oblong-fruit serviceberry

interior Nielsen

Inland Juneberry, inland serviceberry, Pacific serviceberry

***laevis* Wiegand**

Allegheny serviceberry, Allegheny shadblow, smooth serviceberry

sanguinea* (Pursh) DC.*var. *sanguinea***

Low shadblow, New England serviceberry, round-leaved serviceberry

Amelanchier humilis Wiegand*Amelanchier humilis* Wiegand var. *compacta* Nielsen*Amelanchier humilis* Wiegand var. *campestris* Nielsen*Amelanchier humilis* Wiegand var. *exsertata* Nielsen***spicata* (Lam.) K.Koch**

Dwarf serviceberry

Amelanchier mucronata Nielsen*Amelanchier stolonifera* Wiegand**× *neglecta* Eggl. ex G.N.Jones (pro sp.)**

Serviceberry

= *Amelanchier bartramiana* (Tausch) M.Roem. × *A. laevis* Wiegand***Argentina* Hill*****anserina* (L.) Rydb.**

Silver-weed

Potentilla anserina L.*Potentilla anserina* L. f. *sericea* (Hayne) Hayek***Aronia* Medik.*****melanocarpa* (Michx.) Elliott**

Black chokeberry

Photinia melanocarpa (Michx.) K.R.Robertson & J.B.Phipps*Pyrus melanocarpa* (Michx.) Willd.**× *prunifolia* (Marshall) Rehder (pro sp.)**

Black chokecherry, hybrid chokeberry

= *Aronia arbutifolia* (L.) Pers. × *A. melanocarpa* (Michx.) Elliott*Aronia atropurpurea* Britton*Aronia floribunda* (Lindl.) Spach*Photinia floribunda* (Lindl.) K.R.Robertson & J.B.Phipps*Pyrus floribunda* Lindl.***Aruncus* L.*****dioicus* (Walter) Fernald****var. *acuminatus* (Rydb.) Rydb. ex Hara**

Bride's-feathers, goat's-beard

INTRODUCED - ESCAPED

Chaenomeles* Lindl.**speciosa* (Sweet) Nakai**

Japanese flowering quince

INTRODUCED - PERSISTING AND SPREADING

Comarum* L.**palustre* L.**

Marsh cinquefoil

Potentilla palustris (L.) Scop.*Potentilla palustris* (L.) Scop. var. *villosa* (Pers.) Lehm.***Cotoneaster* Medik.*****lucidus* Schldl.**

Shiny cotoneaster

INTRODUCED - ESCAPED

Crataegus* L.**acutiserrata* Kruschke*****anomala* Sarg.**

Anomalous hawthorn

***apiomorpha* Sarg.**

Fort Sheridan hawthorn

Crataegus apiomorpha Sarg. var. *apiomorpha* f. *paucispina* (Sarg.) Kruschke

Crataegus apiomorpha Sarg. var. *cyanophylla* (Sarg.) Kruschke

***beata* Sarg.**

Dunbar's hawthorn

***calpodendron* (Ehrh.) Medik.**

Sugar hawthorn, pear hawthorn

Crataegus acanthacolonensis Laughlin

Crataegus calpodendron (Ehrh.) Medik. var. *gigantea* Kruschke

Crataegus fontanesiana (Spach) Steud.

***chrysocarpa* Ashe**

var. *aboriginum* (Sarg.) Kruschke

Fireberry hawthorn

var. *chrysocarpa*

Fireberry hawthorn, round-leaved hawthorn

Crataegus chrysocarpa Ashe var. *longiacuminata* Kruschke

Crataegus faxoni Sarg.

Crataegus faxoni Sarg. var. *durifructa* Kruschke

Crataegus faxoni Sarg. var. *praecoqua* (Sarg.) Kruschke

Crataegus faxoni Sarg. var. *praetermissa* (Sarg.) E.J.Palmer

Crataegus laurentiana Sarg. var. *brunetiana* (Sarg.) Kruschke

Crataegus laurentiana Sarg. var. *dissimilifolia* Kruschke

Crataegus rotundifolia Moench, non L.

var. *phoenicea* E.J.Palmer

Fireberry hawthorn

***coccinioides* Ashe**

Kansas hawthorn

***corusca* Sarg.**

Shining-branch hawthorn

Crataegus corusca Sarg. var. *gigantea* Kruschke

***crus-galli* L.**

Cockspur hawthorn

Crataegus shinnersii Kruschke

***desueta* Sarg.**

New York hawthorn

Crataegus desueta Sarg. var. *wausaukiensis* Kruschke

***disperma* Ashe**

Spreading hawthorn

***dissona* Sarg.**

Northern hawthorn

Crataegus dissona Sarg. var. *bellula* (Sarg.) Kruschke

***distincta* Kruschke**

Distinct hawthorn

***dodgei* Ashe**

Dodge's hawthorn

Crataegus dodgei Ashe var. *rotundata* (Sarg.) Kruschke

***douglasii* Lindl.**

Black hawthorn

***flabellata* (Bosc ex Spach) K.Koch**

Fan-leaf hawthorn

Crataegus grayana Eggl.

***florifera* Sarg.**

Crataegus bicknellii Eggl.

Crataegus silvestris Sarg.

Crataegus wisconsinensis Kruschke

***fluviatilis* Sarg.**

Crataegus roanensis Ashe var. *fluviatilis* (Sarg.) Kruschke

fulleriana Sarg.

Fuller's hawthorn

Crataegus fulleriana Sarg. var. *chippewaensis* (Sarg.) Kruschke*Crataegus fulleriana* Sarg. var. *gigantea* Kruschke*Crataegus fulleriana* Sarg. var. *miranda* (Sarg.) Kruschke**holmesiana Ashe**

Holmes' hawthorn

Crataegus holmesiana Ashe var. *amicta* (Ashe) E.J.Palmer*Crataegus holmesiana* Ashe var. *villipes* Ashe**intricata Lange**

Biltmore hawthorn, Copenhagen hawthorn

Crataegus coccinea auct. non L.**irrasa Sarg.**

Blanchard's hawthorn

Crataegus irrasa Sarg. var. *blanchardii* (Sarg.) Eggl.**jesupii Sarg.**

Jesup's hawthorn

lucorum Sarg.

Grove hawthorn

lumaria Ashe

Round-leaved hawthorn

Crataegus dodgei Ashe var. *lumaria* (Ashe) Sarg.**macracantha Lodd. ex Loudon****var. macracantha**

Hawthorn

var. occidentalis (Britton) Eggl.

Hawthorn

Crataegus macracantha Lodd. ex Loudon var. *divida* (Sarg.) Kruschke**var. pertomentosa (Ashe) Kruschke**

Hawthorn

macrosperma Ashe

Big-fruit hawthorn, large-seeded hawthorn

Crataegus flabellata sensu Gleason & Cronquist (1991) and Swink & Wilhelm (1994)*Crataegus macrosperma* Ashe var. *eganii* (Ashe) Kruschke*Crataegus macrosperma* Ashe var. *matura* (Sarg.) Eggl.*Crataegus macrosperma* Ashe var. *pentandra* (Sarg.) Eggl.*Crataegus roanensis* Ashe*Crataegus roanensis* Ashe var. *heidelbergensis* (Sarg.) Kruschke**margaretta Ashe**

Margarett's hawthorn

mollis (Torr. & A.Gray) Scheele

Downy hawthorn

Crataegus mollis (Torr. & A.Gray) Scheele var. *dumetosa* (Sarg.) Kruschke*Crataegus mollis* (Torr. & A.Gray) Scheele var. *gigantea* Kruschke*Crataegus mollis* (Torr. & A.Gray) Scheele var. *incisifolia* Kruschke*Crataegus mollis* (Torr. & A.Gray) Scheele var. *sera* (Sarg.) Eggl.*Crataegus mollis* (Torr. & A.Gray) Scheele var. *sera* (Sarg.) Eggl. f. *mecocantha* Kruschke*Crataegus pedicellata* Sarg. var. *albicans* (Ashe) E.J.Palmer**monogyna Jacq.**

One-seeded hawthorn

INTRODUCED - RARELY ESCAPED

Crataegus oxyacantha auct. non L.**nitidula Sarg.**

Ontario hawthorn

Crataegus nitidula Sarg. var. *macrocarpa* Kruschke**pedicellata Sarg.****var. ellwangeriana (Sarg.) Eggl.**

Scarlet hawthorn

Crataegus pedicellata Sarg. var. *ellwangeriana* (Sarg.) Eggl. f. *assurgens* (Sarg.) Kruschke

var. *pedicellata*

Scarlet hawthorn

Crataegus coccinea L., pro parte

Crataegus pedicellata Sarg. var. *caesa* (Ashe) Kruschke

Crataegus pedicellata Sarg. var. *sertata* (Sarg.) Kruschke

***pringlei* Sarg.**

Pringle's hawthorn

***prona* Sarg.**

Illinois hawthorn

Crataegus gravis Ashe

***pruinosa* (H.Wendl.) K.Koch**

var. *leiophylla* (Sarg.) J.B.Phipps

Frosted hawthorn

Crataegus pruinosa (H.Wendl.) K.Koch var. *rugosa* (Ashe) Kruschke

var. *pruinosa*

Frosted hawthorn

Crataegus pruinosa (H.Wendl.) K.Koch var. *grandiflora* Kruschke

Crataegus pruinosa (H.Wendl.) K.Koch var. *grandiflora* Kruschke f. *mecocantha* Kruschke

var. *virella* (Ashe) Kruschke

Frosted hawthorn

***punctata* Jacq.**

Dotted hawthorn

Crataegus punctata Jacq. f. *aurea* (Aiton) Rehder

Crataegus punctata Jacq. var. *aurea* Aiton

Crataegus punctata Jacq. var. *punctata* f. *canescens* (Britton) Kruschke

Crataegus punctata Jacq. var. *punctata* f. *intermedia* Kruschke

***scabrida* Sarg.**

Rough hawthorn

Crataegus brainerdii Sarg. var. *asperifolia* (Sarg.) Ettl.

Crataegus scabrida Sarg. var. *asperifolia* (Sarg.) Kruschke

Crataegus scabrida Sarg. var. *egglesoni* (Sarg.) Kruschke

Crataegus scabrida Sarg. var. *honesta* (Sarg.) Kruschke

***schuettei* Ashe**

Schuetze's hawthorn

Crataegus basilica Beadle

Crataegus schuettei Ashe var. *cuneata* Kruschke

Crataegus schuettei Ashe var. *ferrissii* (Ashe) Kruschke

Crataegus schuettei Ashe var. *gigantea* Kruschke

***submollis* Sarg.**

Quebec hawthorn

***succulenta* Schrad. ex Link**

Fleshy hawthorn

Crataegus succulenta Schrad. ex Link var. *gemmosa* (Sarg.) Kruschke

Crataegus succulenta Schrad. ex Link var. *laxiflora* (Sarg.) Kruschke

Crataegus succulenta Schrad. ex Link var. *neofluviialis* (Ashe) E.J.Palmer

Crataegus succulenta Schrad. ex Link var. *pisifera* (Sarg.) Kruschke

Crataegus succulenta Schrad. ex Link var. *rutila* (Sarg.) Kruschke

***Duchesnea* Sm.**

***indica* (Andrews) Focke**

False strawberry, Indian strawberry

INTRODUCED - LOCALLY ESTABLISHED

***Filipendula* Mill.**

***rubra* (Hill) B.L. Rob.**

Queen-of-the-prairie

INTRODUCED - ESCAPED

***ulmaria* (L.) Maxim.**

subsp. *ulmaria*

Queen-of-the-meadow

INTRODUCED - RARELY ESCAPED; POTENTIALLY INVASIVE

Fragaria L.*vesca* L.**subsp. americana (Porter) Staudt**

Hillside strawberry, thin-leaved wild strawberry, woodland strawberry

Fragaria vesca L. var. *americana* Porter**virginiana Duchesne**

Thick-leaved wild strawberry, Virginia strawberry, wild strawberry

Fragaria virginiana Duchesne subsp. *glauca* (S.Watson) Staudt*Fragaria virginiana* Duchesne subsp. *grayana* (E.Vilm. ex J.Gay) Staudt*Fragaria virginiana* Duchesne subsp. *platypetala* (Rydb.) Staudt*Fragaria virginiana* Duchesne var. *illinoensis* (W.R.Prince) A.Gray**Geum L.****aleppicum Jacq.**

Yellow avens

Geum aleppicum Jacq. var. *strictum* (Aiton) Fernald**canadense Jacq.**

White avens

Geum canadense Jacq. var. *camporum* (Rydb.) Fernald & Weath.**laciniatum Murray**

Rough avens

Geum laciniatum Murray var. *trichocarpum* Fernald**macrophyllum Willd.****var. macrophyllum**

Big-leaved avens, large-leaved avens

★ SPECIAL CONCERN

var. perincisum (Rydb.) Raup

Big-leaved avens, large-leaved avens

★ SPECIAL CONCERN

rivale L.

Purple avens, water avens

triflorum Pursh**var. triflorum**

Old-man's-whiskers, prairie-smoke

urbanum L.

Herb bennet

INTRODUCED - ADVENTIVE

vernum (Raf.) Torr. & A.Gray

Spring avens

virginianum L.

Cream avens, cream-colored avens

INTRODUCED - ADVENTIVE

Malus Mill.**coronaria (L.) Mill.**

American crabapple, sweet crab, wild sweet crabapple

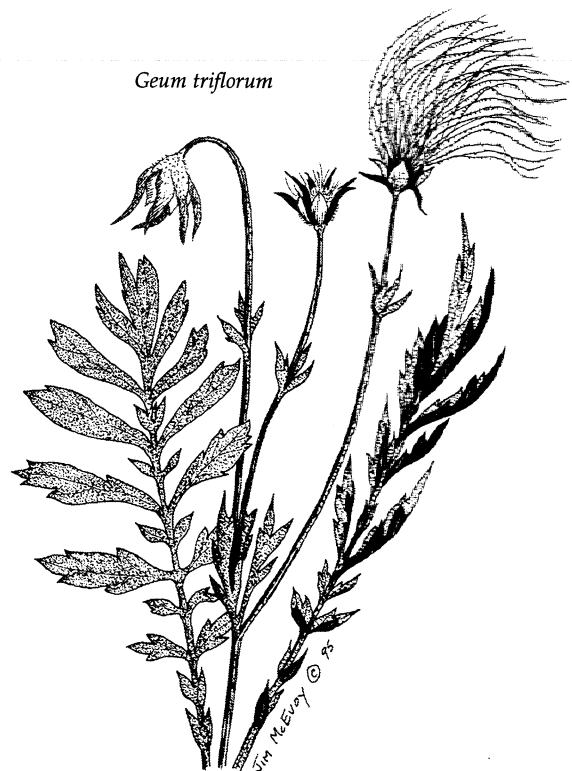
Malus coronaria (L.) Mill. var. *dasycalyx* Rehder*Pyrus coronaria* L.**ioensis (A.W.Wood) Britton****var. ioensis**

Iowa crab, prairie crabapple

Pyrus ioensis (A.W.Wood) L.H.Bailey**pumila Mill.**

Cultivated apple

INTRODUCED - ESCAPED

Malus domestica (Borkh.) Borkh.*Malus sylvestris* Mill., sensu Lange (1998)*Pyrus malus* auct. non L.*Geum triflorum*

sieboldii (Regel) Rehder

Japanese crab, Toringo crabapple

INTRODUCED - ESCAPED

Pyrus sieboldii Regel

Pentaphylloides Duhamel

floribunda (Pursh) A.Löve

Shrubby cinquefoil, shrubby five-fingers

Potentilla fruticosa auct. non L.

Potentilla fruticosa L. subsp. *floribunda* (Pursh) Elkington

Potentilla fruticosa L. var. *tenuifolia* Lehm.

Physocarpus Maxim.

opulifolius (L.) Maxim.

var. intermedius (Rydb.) B.L.Rob.

Ninebark

var. opulifolius

Common ninebark

Potentilla L.

argentea L.

Silvery cinquefoil, silvery five-fingers

INTRODUCED - NATURALIZED

arguta Pursh

subsp. arguta

Prairie cinquefoil, tall cinquefoil, tall potentilla

gracilis Douglas ex Hook.

var. flabelliformis (Lehm.) Nutt. ex Torr. & A.Gray

Comb five-fingers, northwest cinquefoil

INTRODUCED - ADVENTIVE

Potentilla flabelliformis Lehm.

inclinata Vill.

Ashy cinquefoil

INTRODUCED - ADVENTIVE

Potentilla canescens Besser

intermedia L.

Downy cinquefoil

INTRODUCED - NATURALIZED

norvegica L.

Norwegian cinquefoil, rough cinquefoil, strawberry-weed

Potentilla monspeliensis L.

Potentilla norvegica L. subsp. *hirsuta* (Michx.) Hyl.

Potentilla norvegica L. subsp. *monspeliensis* (L.) Asch. & Graebn.

Potentilla norvegica L. var. *hirsuta* (Michx.) Torr. & A.Gray

recta L.

Rough-fruited cinquefoil, sulphur cinquefoil, sulphur five-fingers

INTRODUCED - NATURALIZED

reptans L.

Creeping cinquefoil

INTRODUCED - LOCALLY ESTABLISHED

simplex Michx.

Common cinquefoil, old-field five-fingers, old-field cinquefoil

Potentilla simplex Michx. var. *argyrisma* Fernald

Potentilla simplex Michx. var. *calvoescens* Fernald

Prunus L.

americana Marshall

American plum, wild plum

Prunus americana Marshall var. *lanata* Sudw.

Prunus mexicana S.Watson, sensu Gleason & Cronquist (1991)

***nigra* Aiton**

Canadian plum

***pennsylvanica* L.f.**

Fire cherry, pin cherry

***persica* (L.) Batsch**

Peach

INTRODUCED - ESCAPED

pumila* L.*var. *besseyi* (L.H.Bailey) Gleason**

Bessey's cherry, sand cherry, western sand cherry

var. *pumila*

Great Lakes sand cherry, sand cherry

var. *susquehanae* (hort. ex Willd.) H.Jaeger

Susquehana sand cherry, sand cherry

Prunus pumila L. var. *cuneata* (Raf.) L.H.Bailey***serotina* Ehrh.**

Wild black cherry

virginiana* L.*var. *virginiana***

Chokecherry

Prunus virginiana L. f. *deamii* G.N.Jones***Pyrus* L.*****communis* L.**

Pear

INTRODUCED - ESCAPED

Rhodotypos* Siebold & Zucc.**scandens* (Thunb.) Makino**

Black jet-bead

INTRODUCED - LOCALLY ESTABLISHED

Rosa* L.**acicularis* Lindl.****subsp. *sayi* (Schwein.) W.H.Lewis**

Bristly rose, prickly rose

Rosa acicularis Lindl. var. *bourgeauiana* (Crép.) Crép.***arkansana* Porter****var. *arkansana***

Arkansas rose, dwarf prairie rose, prairie rose, sunshine rose, wild prairie rose

var. *suffulta* (Greene) Cockerell

Arkansas rose, prairie rose

***blanda* Aiton**

Early wild rose, smooth rose, wild rose

Rosa blanda Aiton f. *carpohispida* (Schuette) W.H.Lewis*Rosa blanda* Aiton var. *glandulosa* Schuette*Rosa blanda* Aiton var. *hispida* Farw.***canina* L.**

Dog rose

INTRODUCED - RARELY ESCAPED

***carolina* L.**

Carolina rose, pasture rose

***centifolia* L.**

Cabbage rose

INTRODUCED - ESCAPED

***eglanteria* L.**

Eglantine, sweetbrier, sweetbrier rose

INTRODUCED - ESCAPED

Rosa rubiginosa L.

gallica L.

French rose

INTRODUCED - PERSISTING AND SPREADING

multiflora Thunb. ex Murray

Multiflora rose

INTRODUCED - ESCAPED; ECOLOGICALLY INVASIVE

NUISANCE WEED

palustris Marshall

Swamp rose

Rosa palustris Marshall f. *inermis* (Regel) W.H.Lewis

rugosa Thunb.

Beach rose, Japanese rose, rugose rose

INTRODUCED - RARELY ESCAPED

setigera Michx.

var. tomentosa Torr. & A.Gray

Climbing prairie rose, Illinois rose

INTRODUCED - LOCALLY ESTABLISHED

spinosissima L.

Scotch rose

INTRODUCED - RARELY ESCAPED

woodsii Lindl.

var. woodsii

Western rose, Woods' rose

× **dulcissima Lunell (pro sp.)**

= *Rosa blanda* Aiton × *R. woodsii* Lindl.

× **palustriformis Rydb. (pro sp.)**

= *Rosa blanda* Aiton × *R. palustris* Marshall

Rosa × *schuetteana* Erlanson

× **rudiuscula Greene (pro sp.)**

Rough rose

= *Rosa arkansana* Porter var. *suffulta* (Greene) Cockerell × *R. carolina* L.

Rubus L.

ablatus L.H.Bailey

adirondackensis L.H.Bailey

alleghehiensis Porter ex L.H.Bailey

var. allegheniensis

Allegheny blackberry, common blackberry

Rubus floricomus Blanch.

Rubus latens L.H.Bailey

Rubus pergratus Blanch.

var. gravesii Fernald

Allegheny blackberry, Graves' blackberry

alleghehiensis Porter ex L.H.Bailey × R. rosa L.H.Bailey

alumnus L.H.Bailey

Old-field blackberry

*Rubus bellobatu*s L.H.Bailey

*Rubus parcifron*difer L.H.Bailey

*Rubus pubifoliu*s L.H.Bailey

baileyanus Britton

Bailey's dewberry

canadensis L.

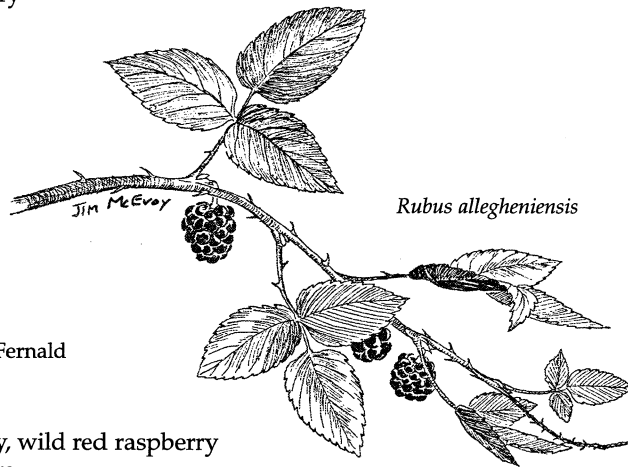
Smooth blackberry

cauliflorus L.H.Bailey

celer L.H.Bailey

Bolting dewberry

- curtipes* L.H.Bailey**
Short-stalk dewberry
- dissensus* L.H.Bailey**
***elegantulus* Blanch.**
Showy blackberry
- enslenii* Tratt.**
One-flowered dewberry, southern dewberry
Rubus nefrens L.H.Bailey
- exsularis* L.H.Bailey**
Fenceline dewberry
- ferrofluvius* H.A.Davis, A.M.Fuller & T.Davis**
***flagellaris* Willd.**
Common dewberry, northern dewberry
Rubus felix L.H.Bailey
- frondosus* Bigelow**
Yankee blackberry
Rubus folioflorus L.H.Bailey
- fulleri* L.H.Bailey**
Rubus exter L.H.Bailey
- glandicaulis* Blanch.**
Gland-stem blackberry
- groutianus* Blanch.**
***hispidus* L.**
Bristly dewberry, swamp dewberry
Rubus hispidus L. var. *obovalis* (Michx.) Fernald
- idaeus* L.**
var. *strigosus* (Michx.) Maxim.
American red raspberry, red raspberry, wild red raspberry
Rubus idaeus L. subsp. *melanolasius* Focke
Rubus idaeus L. subsp. *strigosus* (Michx.) Focke
Rubus idaeus L. var. *aculeatissimus* Regel & Tiling
Rubus idaeus L. var. *canadensis* Richardson
Rubus strigosus Michx.
Rubus strigosus Michx. var. *canadensis* (Richardson) House
- ithacanus* L.H.Bailey**
Ithaca blackberry
Rubus latens L.H.Bailey, pro parte
Rubus schoolcraftianus L.H.Bailey
- junceus* Blanch.**
Herbaceous blackberry
- meracus* L.H.Bailey**
Dryslope dewberry
Rubus kelloggii L.H.Bailey
- miscix* L.H.Bailey**
Rubus × *peculiaris* Blanch.
- missouricus* L.H.Bailey**
Missouri dewberry
- multifer* L.H.Bailey**
Kinnickinnick dewberry
- multiformis* Blanch.**
Variable blackberry
- occidentalis* L.**
Black-cap, black raspberry
- parviflorus* Nutt.**
Thimbleberry
- perspicuus* L.H.Bailey**
Great Lakes dewberry



***plicatifolius* Blanch.**

Plait-leaf dewberry

***plus* L.H.Bailey**

Hairy-leaved dewberry

***pubescens* Raf.**

Dwarf red raspberry

Rubus pubescens Raf. var. *pilosifolius* A.F.Hill

***quaesitus* L.H.Bailey**

Prince Edward Island blackberry

***recurvans* Blanch.**

Recurved blackberry

***regionalis* L.H.Bailey**

Wisconsin dewberry

Rubus × *viridifrons* L.H.Bailey

***roribaccus* (L.H.Bailey) Rydb.**

Lucretia dewberry

INTRODUCED - ADVENTIVE

Rubus michiganensis (Card ex L.H.Bailey) L.H.Bailey

***rosa* L.H.Bailey**

Rose blackberry

***satis* L.H.Bailey**

Rubus onustus L.H.Bailey

***semisetosus* Blanch.**

Swamp blackberry

***spectatus* L.H.Bailey**

Sphagnum blackberry

Rubus oriens L.H.Bailey

***steelei* L.H.Bailey**

Steele's dewberry

***stipulatus* L.H.Bailey**

Big Horseshoe Lake dewberry

***superioris* L.H.Bailey**

***uniformis* L.H.Bailey**

Thornless dewberry, uniform bramble

★ SPECIAL CONCERN

***voidus* L.H.Bailey**

Kalamazoo dewberry

***vagus* L.H.Bailey**

Rambling dewberry

***variispinus* L.H.Bailey**

Vicksburg blackberry

***vermontanus* Blanch.**

Vermont blackberry

***wheeleri* (L.H.Bailey) L.H.Bailey**

Wheeler's blackberry

Rubus fassettii L.H.Bailey

***wisconsinensis* L.H.Bailey**

Wisconsin blackberry

Rubus latifolius L.H.Bailey

Rubus minnesotanus L.H.Bailey

× ***neglectus* Peck**

= *Rubus idaeus* L. var. *strigosus* (Michx.) Maxim. × *R. occidentalis* L.

***Sanguisorba* L.**

***minor* Scop.**

Salad burnet, small burnet

INTRODUCED - ADVENTIVE

Sibbaldiopsis Rydb.*tridentata* (Aiton) Rydb.

Three-toothed cinquefoil, shrubby five-fingers

Potentilla tridentata Aiton**Sorbaria (Ser. ex DC.) A. Braun***sorbifolia* (L.) A. Braun

False spiraea

INTRODUCED - ESCAPED

Sorbus L.*americana* Marshall

American mountain-ash

Pyrus americana (Marshall) DC.*aucuparia* L.

Eurasian mountain-ash, European mountain-ash, rowan

INTRODUCED - RARELY ESCAPED; POTENTIALLY INVASIVE

Pyrus aucuparia (L.) Gaertn.*decora* (Sarg.) C.K. Schneid.

Northern mountain-ash, showy mountain-ash

Pyrus decora (Sarg.) Hyl.**Spiraea L.***alba* Du Roivar. *alba*

White meadowsweet

tomentosa L.var. *rosea* (Raf.) Fernald

Hard-hack, steeplebush

× *bumalda* Burv.

INTRODUCED - PERSISTING AND SPREADING

= *Spiraea albiflora* (Miq.) Zabel × *S. japonica* L.f.**Waldsteinia Willd.***fragarioides* (Michx.) Tratt.subsp. *fragarioides*

Barren-strawberry

◆ RUBIACEAE—Bedstraw, Madder Family

Cephalanthus L.*occidentalis* L.

Buttonbush

Cephalanthus occidentalis L. var. *pubescens* Raf.**Diodia L.***teres* Walter

Button-weed, poor-Joe

Diodia teres Walter var. *setifera* Fernald & Griscom*Diodia teres* Walter var. *teres*

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

Galium L.*aparine* L.

Annual bedstraw, cleavers, goose-grass, sticky-willy

Galium aparine L. var. *echinospermum* (Wallr.) Farw.*asprellum* Michx.

Rough bedstraw

boreale L.

Northern bedstraw

Galium boreale L. subsp. *septentrionale* (Roem. & Schult.) H.Hara

brevipes Fernald & Wiegand

Limestone swamp bedstraw, short-stalked bedstraw

circaezans Michx.

var. **hypomalacum** Fernald

Forest bedstraw, licorice bedstraw, wild licorice

concinnum Torr. & A.Gray

Pretty bedstraw, shining bedstraw

labradoricum (Wiegand) Wiegand

Labrador marsh bedstraw, northern bog bedstraw

lanceolatum Torr.

Lance-leaved wild licorice, wild licorice

mollugo L.

False baby's-breath, white bedstraw, wild madder

INTRODUCED - LOCALLY ESTABLISHED

Galium mollugo L. var. *erectum* (Huds.) Domin

obtusum Bigelow

subsp. **obtusum**

Blunt-leaf bedstraw, wild madder

Galium obtusum Bigelow var. *ramosum* Gleason

palustre L.

Common marsh bedstraw, marsh bedstraw

INTRODUCED - LOCALLY ESTABLISHED; LISTED AS ★ SPECIAL CONCERN BY THE DNR

tinctorium L.

Southern three-lobed bedstraw, stiff bedstraw

Galium trifidum L. var. *tinctorium* (L.) Torr. & A.Gray

trifidum L.

subsp. **trifidum**

Northern three-lobed bedstraw, small bedstraw

triflorum Michx.

Fragrant bedstraw, sweet-scented bedstraw

verum L.

Yellow bedstraw, yellow spring bedstraw

INTRODUCED - ESCAPED

Houstonia L.

caerulea L.

Azure bluets, bluets, innocence, Quaker-ladies

Hedyotis caerulea (L.) Hook.

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

longifolia Gaertn.

Long-leaved bluets

Hedyotis longifolia (Gaertn.) Hook.

Mitchella L.

repens L.

Partridgeberry

◆ RUTACEAE—Rue Family

Ptelea L.

trifoliata L.

★ SPECIAL CONCERN

subsp. **trifoliata** var. **trifoliata**

Common hop-tree, stinking-ash, wafer-ash

Zanthoxylum L.***americanum* Mill.**

Common prickly-ash, northern prickly-ash

NATIVE - POTENTIALLY INVASIVE

Zanthoxylum americanum Mill. [orthographic "correction"]◆ **SALICACEAE—Willow Family*****Populus* L.*****alba* L.**

Silver poplar, white poplar

INTRODUCED - PERSISTING AND SPREADING; ECOLOGICALLY INVASIVE

balsamifera* L.*subsp. *balsamifera***

Balsam poplar, hackmatack

Populus balsamifera L. var. *subcordata* Hyl.*Populus canadensis* Aiton***deltoides* Bartram ex Marshall****subsp. *monilifera* (Aiton) Eckenw.**

Plains cottonwood

NATIVE - POTENTIALLY INVASIVE

Populus deltoides Bartram ex Marshall var. *occidentalis* Rydb.***grandidentata* Michx.**

Big-tooth aspen, large-toothed aspen

NATIVE - POTENTIALLY INVASIVE

nigra* L.*cv. *Italica***

Black poplar, Lombardy poplar

INTRODUCED - LOCALLY ESTABLISHED

Populus nigra L. var. *italica* Du Roi***tremuloides* Michx.**

Aspen, quaking aspen

NATIVE - POTENTIALLY INVASIVE

Populus tremuloides Michx. var. *magnifica* Vict.× ***canescens* (Aiton) Sm. (pro sp.)**

Curly poplar, gray poplar

INTRODUCED - PERSISTING AND SPREADING

= *Populus alba* L. × *P. tremula* L.× ***jackii* Sarg.**

Balm-of-Gilead, Jack's poplar

INTRODUCED - ESCAPED

= *Populus balsamifera* L. × *P. deltoides* Bartram ex Marshall*Populus gileadensis* Rouleau***Salix* L.*****alba* L.****var. *alba***

White willow

INTRODUCED - NATURALIZED

var. *vitellina* (L.) Stokes

Golden willow, 'weeping' willow

INTRODUCED - RARELY ESCAPED

***amygdaloides* Andersson**

Peach-leaved willow

***babylonica* L.**

Weeping willow

INTRODUCED - RARELY ESCAPED

bebbiana Sarg.

Beaked willow, Bebb's willow

bebbiana Sarg. × *S. humilis* Marshall

candida Fluggé ex Willd.

Hoary willow, sage-leaved willow

Salix candida Fluggé ex Willd. f. *denudata* (Andersson) Rouleau

candida Fluggé ex Willd. × *S. petiolaris* Sm.

cinerea L.

Large gray willow

INTRODUCED - RARELY ESCAPED

cordata Michx.

Dune willow, heart-leaf willow, sand dune willow

☛ ENDANGERED

Salix syrticola Fernald

discolor Muhl.

Pussy willow

eriocephala Michx.

Diamond willow, Missouri River willow

Salix cordata Muhl. var. *abrassa* Fernald

Salix rigida Muhl.

exigua Nutt.

subsp. interior (Rowlee) Cronquist

Sandbar willow

Salix exigua Nutt. subsp. *interior* (Rowlee) Cronquist var. *pedicellata* (Andersson) Cronquist

Salix interior Rowlee

fragilis L.

Brittle willow, crack willow

INTRODUCED - NATURALIZED

humilis Marshall

var. humilis

Prairie willow, upland willow

Salix humilis Marshall var. *hyporhysa* Fernald

Salix humilis Marshall var. *keweenawensis* Farw.

var. tristis (Aiton) Griggs

Prairie willow

Salix humilis Marshall var. *microphylla* (Andersson) Fernald

Salix occidentalis Walter

lucida Muhl.

subsp. lucida

Shining willow

Salix lucida Muhl. var. *intonsa* Fernald

myricoides Muhl.

var. albovestita (C.R.Ball) Dorn

Bayberry willow, blue-leaf willow

var. myricoides

Bayberry willow, blue-leaf willow

Salix glaucophylloides Fernald

nigra Marshall

Black willow

pedicellaris Pursh

Bog willow

Salix dieckiana Suksd.

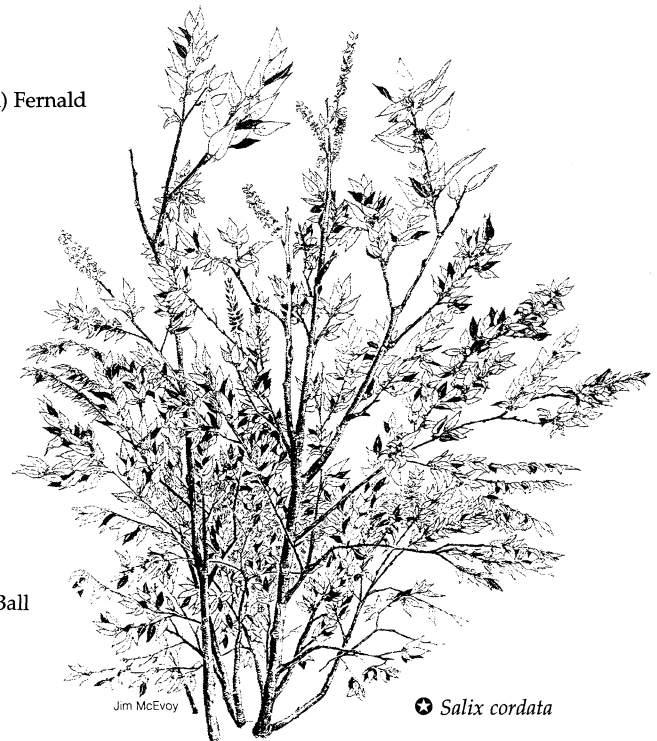
Salix myrtilloides L. var. *hypoglauca* (Fernald) C.R.Ball

Salix pedicellaris Pursh var. *hypoglauca* Fernald

pellita (Andersson) Andersson ex C.K.Schneid.

Satiny willow

☛ ENDANGERED



Jim McEvoy

☛ *Salix cordata*

pentandra L.

Bay-leaved willow, laurel willow
INTRODUCED - ESCAPED

petiolaris Sm.

Meadow willow, slender willow
Salix gracilis Andersson
Salix petiolaris Sm. var. *subsericea* Andersson

petiolaris Sm. × *Salix* sp.

planifolia Pursh

★ THREATENED

subsp. planifolia

Diamond-leaf willow, flat-leaved willow, tea-leaved willow

purpurea L.

Basket willow, purple osier, purple willow
INTRODUCED - ESCAPED

pyrifolia Andersson

Balsam willow

sericea Marshall

Silky willow
☆ SPECIAL CONCERN

serissima (L.H.Bailey) Fernald

Autumn willow

× conifera Wangenh. (pro sp.)

Conifer willow
= *Salix discolor* Muhl. × *S. humilis* Marshall
Salix discolor Muhl. var. *latifolia* Andersson

× glatfelteri C.K.Schneid.

Glatfelter's willow, hybrid black willow
= *Salix amygdaloides* Andersson × *S. nigra* Marshall

× rubens Schrank (pro sp.)

Hybrid crack willow
INTRODUCED - NATURALIZED
= *Salix alba* L. × *S. fragilis* L.

× smithiana Willd. (pro sp.)

Smith's willow
INTRODUCED - ESCAPED
= *Salix caprea* L. × *S. viminalis* L.



♣ *Geocaulon lividum*

◆ SANTALACEAE—Sandalwood Family

Comandra Nutt.

umbellata (L.) Nutt.

subsp. umbellata

Bastard-toadflax, false toadflax

Geocaulon Fernald

lividum (Richardson) Fernald

False toadflax, northern comandra

♣ ENDANGERED

◆ SARRACENIACEAE—Pitcher-plant Family

Sarracenia L.

purpurea L.

subsp. purpurea

Purple pitcher-plant

◆ SAXIFRAGACEAE—Saxifrage Family

***Chrysosplenium* L.**

americanum Schwein. ex Hook.
American golden saxifrage

***Heuchera* L.**

richardsonii R.Br.
Prairie alumroot, Richardson's alumroot
Heuchera hispida auct. non Pursh
Heuchera richardsonii R.Br. var. *affinis* Rosend., Butters & Lakela
Heuchera richardsonii R.Br. var. *grayana* Rosend., Butters & Lakela
Heuchera richardsonii R.Br. var. *hispidior* Rosend., Butters & Lakela

***Mitella* L.**

diphylla L.
Bishop's-cap, two-leaf miterwort
Mitella diphylla L. f. *oppositifolia* (Rydb.) Rosend.
Mitella diphylla L. f. *triphylla* Rosend.

nuda L.
Naked miterwort, small bishop's-cap

***Parnassia* L.**

glauca Raf.
American grass-of-Parnassus, fen grass-of-Parnassus
Parnassia caroliniana Michx., misapplied

***palustris* L.**

★ THREATENED
var. *tenuis* Wahlenb.
Marsh grass-of-Parnassus, swamp grass-of-Parnassus
Parnassia multiseta (Ledeb.) Fernald
Parnassia palustris L. var. *neogaea* Fernald

***parviflora* DC.**

Small-flowered grass-of-Parnassus
☛ ENDANGERED

***Penthorum* L.**

sedoides L.
Ditch stonecrop

***Saxifraga* L.**

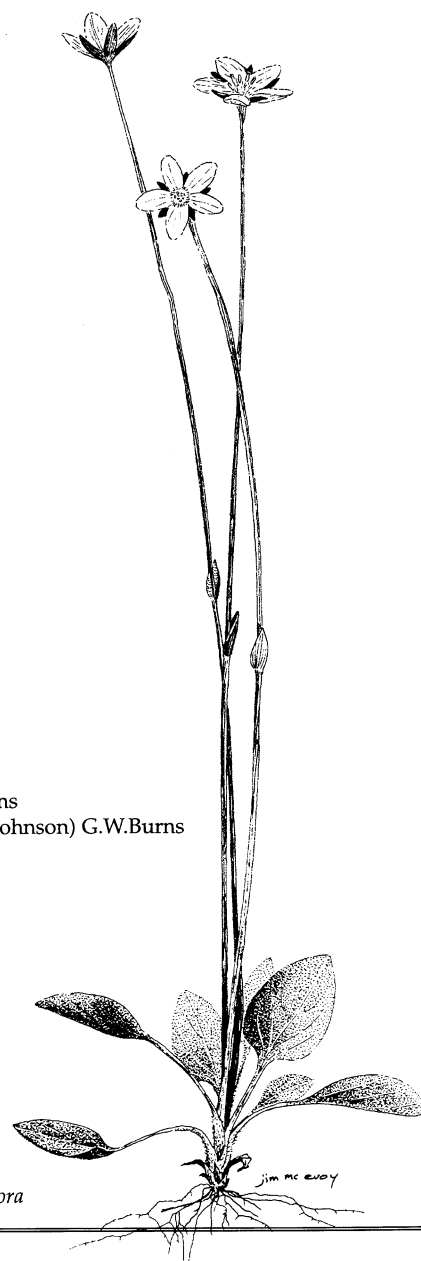
pensylvanica L.
Eastern swamp saxifrage, swamp saxifrage, wild beet
Saxifraga forbesii Vasey
Saxifraga pensylvanica L. subsp. *interior* G.W.Burns
Saxifraga pensylvanica L. subsp. *interior* G.W.Burns var. *congesta* G.W.Burns
Saxifraga pensylvanica L. subsp. *interior* G.W.Burns var. *crassicarpa* (A.M.Johnson) G.W.Burns

***Sullivantia* Torr. & A.Gray**

sullivantii (Torr. & A.Gray) Britton
Sullivant's cool-wort
Sullivantia renifolia Rosend.

***Tiarella* L.**

cordifolia L.
False miterwort, foam-flower, heart-leaf foam-flower
☛ ENDANGERED



☛ *Parnassia parviflora*

◆ SCROPHULARIACEAE—Figwort, Snapdragon Family

Agalinis Raf.***aspera* (Douglas ex Benth.) Britton**

Rough agalinis, rough false foxglove, tall false foxglove
Gerardia aspera Douglas ex Benth.

***gattingeri* (Small) Small**

Round-stem foxglove, round-stemmed false foxglove

★ THREATENED

Gerardia gattingeri Small

paupercula* (A.Gray) Britton*var. *borealis* Pennell**

Small-flowered false foxglove, smooth false foxglove
Agalinis purpurea (L.) Pennell var. *parviflora* (Benth.) B.Boivin
Gerardia paupercula (A.Gray) Britton var. *borealis* (Pennell) Deam

var. *paupercula*

Small-flowered false foxglove, smooth false foxglove
Gerardia paupercula (A.Gray) Britton var. *typica* Pennell

***purpurea* (L.) Pennell**

Purple false foxglove, smooth agalinis
Gerardia purpurea L.

***skinneriana* (A.W.Wood) Britton**

Pale false foxglove, Skinner's false foxglove

✱ ENDANGERED

Gerardia skinneriana A.W.Wood

***tenuifolia* (Vahl) Raf.**

Common agalinis, common false foxglove
Agalinis tenuifolia (Vahl) Raf. var. *macrophylla* (Benth.) S.F.Blake
Agalinis tenuifolia (Vahl) Raf. var. *parviflora* (Nutt.) Pennell
Gerardia tenuifolia Vahl var. *macrophylla* Benth.
Gerardia tenuifolia Vahl var. *parviflora* Nutt.

**Antirrhinum L.*****majus* L.**

Common snapdragon, garden snapdragon
 INTRODUCED - ESCAPED

Aureolaria Raf.***grandiflora* (Benth.) Pennell****var. *pulchra* Pennell**

Large-flowered yellow false foxglove

pedicularia* (L.) Raf.*var. *ambigens* (Fernald) Farw.**

Annual false foxglove, clammy false foxglove, fern-leaf yellow false foxglove

var. *intercedens* Pennell

Annual false foxglove, clammy false foxglove, fern-leaf yellow false foxglove

var. *pedicularia*

Annual false foxglove, clammy false foxglove, fern-leaf yellow false foxglove
Aureolaria pedicularia (L.) Raf. var. *typica* (Pennell) Deam

Bacopa Aubl.***rotundifolia* (Michx.) Wettst.**

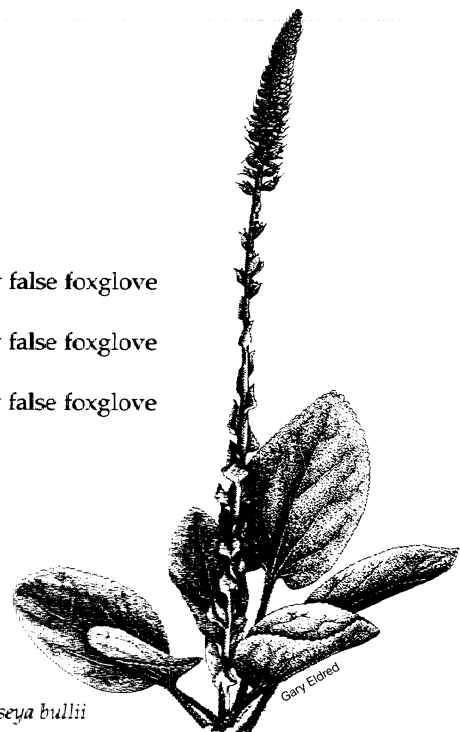
Disc water-hyssop

Besseyia Rydb.***bullii* (Eaton) Rydb.**

Bull's coral-drops, kitten's-tails

★ THREATENED

Wulfenia bullii (Eaton) Barnhart



★ *Besseyia bullii*

Castilleja Mutis ex L.f.

coccinea (L.) Spreng.

Indian paintbrush, scarlet painted-cup

Castilleja coccinea (L.) Spreng. f. *pallens* (Michx.) Pennell

sessiliflora Pursh

Downy yellow painted-cup, downy paintbrush, downy painted-cup

Chaenorhinum (DC. ex Duby) Rchb.

minus (L.) Lange

Dwarf snapdragon, lesser toadflax, small snapdragon

INTRODUCED - NATURALIZED

Chelone L.

glabra L.

Turtlehead, white turtlehead

Chelone glabra L. var. *linifolia* N.Coleman

Chelone glabra L. var. *linifolia* N.Coleman f. *velutina* Pennell & Wherry

Chelone glabra L. var. *typica* Pennell

Collinsia Nutt.

verna Nutt.

Eastern blue-eyed-Mary, spring blue-eyed-Mary

♣ EXTIRPATED

Dasistoma Raf.

macrophylla (Nutt.) Raf.

Mullein-foxglove

★ SPECIAL CONCERN

Seymeria macrophylla Nutt.

Digitalis L.

lanata Ehrh.

Grecian foxglove

INTRODUCED - ESCAPED

purpurea L.

Common foxglove, purple foxglove

INTRODUCED - ESCAPED

Euphrasia L.

stricta D.Wolff ex J.F.Lehm.

Drug eye-bright

INTRODUCED - ADVENTIVE

Gratiola L.

aurea Pursh

Golden-pert, golden hedge-hyssop, yellow hedge-hyssop

Gratiola lutea Raf.

Gratiola lutea Raf. f. *pusilla* (Fassett) Pennell

neglecta Torr.

Clammy hedge-hyssop

Kickxia Dumort.

elatine (L.) Dumort.

Sharp-leaved cancerwort

INTRODUCED - ADVENTIVE

spuria (L.) Dumort.

Round-leaved cancerwort

INTRODUCED - ADVENTIVE

Linaria Mill.**canadensis (L.) Dum.Cours.****var. canadensis**

Annual toadflax, blue toadflax, Canada toadflax

Nuttallanthus canadensis (L.) D.A.Sutton**dalmatica (L.) Mill.**

Dalmatian toadflax

INTRODUCED - LOCALLY ESTABLISHED

Linaria genistifolia (L.) Mill., sensu Salamun (1951)**vulgaris Mill.**

Butter-and-eggs

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

Lindernia All.**dubia (L.) Pennell****var. anagallidea (Michx.) Cooperr.**

False pimpernel, yellow-seed false pimpernel

Lindernia anagallidea (Michx.) Pennell**var. dubia**

False pimpernel, moist bank pimpernel, yellow-seed false pimpernel

Lindernia dubia (L.) Pennell var. *riparia* (Raf.) Fernald**Mazus Lour.****pumilus (Burm.f.) Steenis**

Asian mazus, Japanese mazus

INTRODUCED - ADVENTIVE

Mazus japonicus (Thunb.) Kuntze**Melampyrum L.****lineare Desr.****var. americanum (Michx.) Beauverd**

American cow-wheat, narrow-leaved cow-wheat

var. lineare

American cow-wheat, narrow-leaved cow-wheat

Mimulus L.**glabratus Kunth****var. jamesii (Torr. & A.Gray ex Benth.) A.Gray**

James' monkey-flower, round-leaved monkey-flower

Mimulus glabratus Kunth var. *fremontii* (Benth.) A.L.Grant**ringens L.****var. ringens**

Allegheny monkey-flower, monkey-flower

Mimulus ringens L. f. *roseus* Fassett**Odontites Ludw.****verna (Bellardi) Dumort.****subsp. serotina (Dumort.) Corb.**

Odontites, red bartsia

INTRODUCED - NATURALIZED

Odontites serotina Dumort.**Pedicularis L.****canadensis L.****subsp. canadensis**

Canadian lousewort, forest lousewort, wood-betony

Pedicularis canadensis L. f. *praeclara* A.H.Moore*Pedicularis canadensis* L. subsp. *canadensis* var. *dobsii* Fernald**lanceolata Michx.**

Fen betony, swamp betony, swamp-lousewort

***Penstemon* Schmidel**

***digitalis* Nutt. ex Sims**

False foxglove, foxglove beard-tongue, tall beard-tongue, tall white beard-tongue
INTRODUCED - NATURALIZED

***gracilis* Nutt.**

subsp. *gracilis*

Lilac penstemon, slender beard-tongue

subsp. *wisconsinensis* (Pennell) Pennell

Wisconsin beard-tongue, Wisconsin penstemon
Penstemon gracilis Nutt. var. *wisconsinensis* (Pennell) Fassett

***grandiflorus* Nutt.**

Large beard-tongue, large-flowered beard-tongue
Penstemon bradburii Pursh

***hirsutus* (L.) Willd.**

Hairy beard-tongue, northeastern beard-tongue
★ SPECIAL CONCERN

***pallidus* Small**

Eastern white beard-tongue, pale beard-tongue
★ SPECIAL CONCERN

***tubaeiflorus* Nutt.**

Tube beard-tongue, tube penstemon, white wand beard-tongue
INTRODUCED - ADVENTIVE

***Rhinanthus* L.**

***minor* L.**

subsp. *minor*

Cock's-comb rhinanthus, little yellow-rattle
INTRODUCED - ADVENTIVE
Rhinanthus crista-galli L., pro parte

***Scrophularia* L.**

***lanceolata* Pursh**

American figwort, early figwort, lance-leaf figwort

***marilandica* L.**

Carpenter's-square, eastern figwort, late figwort
Scrophularia marilandica L. f. *neglecta* (Rydb. ex Small) Pennell

***Tomanthera* Raf.**

***auriculata* (Michx.) Raf.**

Eared false foxglove, ear-leaved gerardia
★ SPECIAL CONCERN
Agalinis auriculata (Michx.) S.F.Blake

***Verbascum* L.**

***blattaria* L.**

Moth mullein
INTRODUCED - NATURALIZED

***densiflorum* Bertol.**

Dense-flower mullein, mullein
INTRODUCED - NATURALIZED

***nigrum* L.**

Black mullein
INTRODUCED - ADVENTIVE

***phlomoides* L.**

Clasping mullein, orange mullein
INTRODUCED - NATURALIZED

***thapsus* L.**

Common mullein, flannel plant, giant mullein
INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

× *kernerii* Fritsch

INTRODUCED - LOCALLY ESTABLISHED
= *Verbascum phlomoides* L. × *V. thapsus* L.

Veronica* L.**americana* Schwein. ex Benth.**

American brooklime, American speedwell

***anagallis-aquatica* L.**

Water speedwell
Veronica catenata Pennell
Veronica comosa auct. non K.Richt.
Veronica connata Raf. var. *glaberrima* (Pennell) Fassett
Veronica connata Raf. var. *typica* Pennell

***arvensis* L.**

Corn speedwell
INTRODUCED - NATURALIZED

austriaca* L.*subsp. *teucrium* (L.) D.A.Webb**

Broad-leaf speedwell, wood-sage speedwell
INTRODUCED - ESCAPED
Veronica latifolia L.
Veronica teucrium L.

***bachofenii* Heuff.**

Heart-leaf speedwell
INTRODUCED - ADVENTIVE
Veronica grandis auct. vix Fisch.

***beccabunga* L.**

Brooklime, European speedwell
INTRODUCED - ADVENTIVE

***chamaedrys* L.**

Germander speedwell
INTRODUCED - ESCAPED

***dillenii* Crantz**

Dillenius' speedwell
INTRODUCED - ADVENTIVE

***longifolia* L.**

Garden veronica, long-leaved speedwell
INTRODUCED - ESCAPED

***officinalis* L.**

Common gypsy-weed, common speedwell, speedwell
INTRODUCED - ESCAPED

peregrina* L.*subsp. *peregrina***

Neck-weed, purslane speedwell
Veronica peregrina L. var. *typica* Pennell

subsp. *xalapensis* (Kunth) Pennell

Hairy purslane speedwell, purslane speedwell
Veronica peregrina L. var. *xalapensis* (Kunth) Pennell

***persica* Poir.**

Bird's-eye speedwell
INTRODUCED - NATURALIZED

***polita* Fr.**

Wayside speedwell
INTRODUCED - ADVENTIVE

*Veronica anagallis-aquatica*

***scutellata* L.**

Marsh speedwell, narrow-leaved speedwell, skullcap speedwell

Veronica scutellata L. f. *villosa* (Schumach.) Pennell

Veronica scutellata L. var. *villosa* Schumach.

***serpyllifolia* L.**

subsp. *humifusa* (Dicks.) Syme

Bright-blue speedwell, thyme-leaved speedwell

Veronica humifusa Dicks.

Veronica serpyllifolia L. var. *humifusa* (Dicks.) Vahl

subsp. *serpyllifolia*

Thyme-leaved speedwell

INTRODUCED - NATURALIZED

***verna* L.**

Spring speedwell

INTRODUCED - NATURALIZED

***Veronicastrum* Heist. ex Fabr.**

***virginicum* (L.) Farw.**

Culver's-physic, Culver's-root

◆ **SIMAROUBACEAE—Quassia Family**

***Ailanthus* Desf.**

***altissima* (Mill.) Swingle**

Tree-of-heaven

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

◆ **SOLANACEAE—Nightshade Family**

***Datura* L.**

***innoxia* Mill.**

Angel's-trumpet

INTRODUCED - ADVENTIVE

Datura metel L., sensu Fassett (1944a)

***stramonium* L.**

Jimson-weed, thorn-apple

INTRODUCED - NATURALIZED

Datura stramonium L. var. *tatula* (L.) Torr.

***Leucophysalis* Rydb.**

***grandiflora* (Hook.) Rydb.**

Large-flowered ground-cherry, white-flowered ground-cherry

★ SPECIAL CONCERN

Chamaesaracha grandiflora (Hook.) Fernald

Physalis grandiflora Hook.

***Lycium* L.**

***barbarum* L.**

Matrimony-vine

INTRODUCED - ESCAPED

Lycium halimifolium Mill.

***Lycopersicon* Mill.**

***esculentum* Mill.**

Garden tomato

INTRODUCED - ADVENTIVE

Nicandra Adans.***physalodes* (L.) Gaertn.**

Apple-of-Peru

INTRODUCED - ADVENTIVE

Nicotiana L.***rustica* L.**

Aztec tobacco, wild tobacco

INTRODUCED - ADVENTIVE

Petunia Juss.***axillaris* (Lam.) Britton, Sterns & Poggenb.**

Large white petunia

INTRODUCED - ESCAPED

× *atkinsiana* D. Don ex Loudon

Common petunia, garden petunia

INTRODUCED - ESCAPED

= Complex of hybrids

Petunia × *hybrida* Vilm.**Physalis L.*****alkekengi* L.**

Chinese lantern-plant, strawberry ground-cherry

INTRODUCED - RARELY ESCAPED

***grisea* (Waterf.) M. Martinez**

Downy ground-cherry, husk ground-cherry, strawberry tomato

INTRODUCED - ADVENTIVE

Physalis pruinosa L., sensu Fassett (1944a) and Swink & Wilhelm (1994)*Physalis pubescens* L. var. *grisea* Waterf.***heterophylla* Nees****var. *heterophylla***

Clammy ground-cherry

Physalis heterophylla Nees var. *ambigua* (A. Gray) Rydb.*Physalis heterophylla* Nees var. *nyctaginea* (Dunal) Rydb.***hispida* (Waterf.) Cronquist**

Plains-sandhill ground-cherry, prairie ground-cherry

INTRODUCED – ADVENTIVE

Physalis virginiana Mill. var. *hispida* Waterf.***longifolia* Nutt.****var. *longifolia***

Long-leaved ground-cherry, smooth long-leaved ground-cherry, tall ground-cherry

INTRODUCED - ADVENTIVE

var. *subglabrata* (Mack. & Bush) Cronquist

Long-leaved ground-cherry, tall ground-cherry

Physalis subglabrata Mack. & Bush***philadelphica* Lam.**

Mexican ground-cherry, tomatillo

INTRODUCED - RARELY ESCAPED

Physalis ixocarpa auct. non Brot. ex Hornem.*Physalis philadelphica* Lam. var. *immaculata* Waterf.***virginiana* Mill.****var. *virginiana***

Lance-leaved ground-cherry, obedient plant, Virginia ground-cherry

Solanum L.***carolinense* L.****var. *carolinense***

Carolina horse-nettle, horse-nettle

INTRODUCED - NATURALIZED

***dulcamara* L.**

Bittersweet nightshade, climbing nightshade, deadly nightshade

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

Solanum dulcamara L. f. *albiflorum* House

Solanum dulcamara L. var. *villosissimum* Desv.

***ptycanthum* Dunal**

Nightshade

Solanum americanum auct. non Mill.

Solanum nigrum auct. non L.

***rostratum* Dunal**

Buffalo-bur, buffalo-bur nightshade

INTRODUCED - NATURALIZED

***sarrachoides* Sendtn.**

Hairy nightshade

INTRODUCED - ADVENTIVE

◆ STAPHYLEACEAE—Bladder-nut Family

***Staphylea* L.**

***trifolia* L.**

American bladder-nut

◆ THYMELAEACEAE—Mezereum Family

***Dirca* L.**

***palustris* L.**

Eastern leatherwood, rope-bark

***Thymelaea* Mill.**

***passerina* (L.) Coss. & Germ.**

Mezereon

INTRODUCED - ADVENTIVE

◆ TILIACEAE—Linden Family

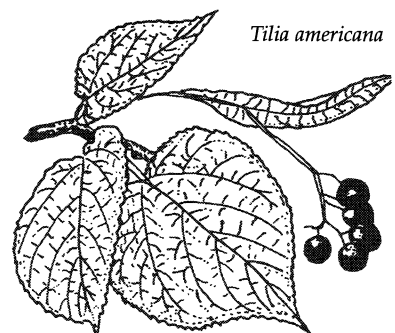
***Tilia* L.**

***americana* L.**

var. *americana*

American basswood, American linden, basswood

Tilia glabra Vent.



◆ ULMACEAE—Elm Family

***Celtis* L.**

***occidentalis* L.**

Northern hackberry

Celtis occidentalis L. var. *canina* (Raf.) Sarg.

Celtis occidentalis L. var. *crassifolia* (Lam.) A.Gray

Celtis occidentalis L. var. *pumila* (Pursh) A.Gray

***Ulmus* L.**

***americana* L.**

American elm, white elm

***pumila* L.**

Siberian elm

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

***pumila* L. × *U. rubra* Muhl.**

Hybrid elm

INTRODUCED - LOCALLY ESTABLISHED

***rubra* Muhl.**

Red elm, slippery elm

Ulmus fulva Michx.***thomasi* Sarg.**

Rock elm

Ulmus racemosus D.Thomas 1831, non Borkh. 1800.

◆ UMBELLIFERAE—See APIACEAE

◆ URTICACEAE—Nettle Family

Boehmeria* Jacq.**cylindrica* (L.) Sw.**

Small-spike false nettle

Boehmeria cylindrica (L.) Sw. var. *drummondiana* (Wedd.) Wedd.*Boehmeria cylindrica* (L.) Sw. var. *scabra* Porter***Laportea* Gaudich.*****canadensis* (L.) Wedd.**

Canadian wood-nettle

NATIVE - POTENTIALLY INVASIVE

Parietaria* L.**pennsylvanica* Muhl. ex Willd.**

Pennsylvanian pellitory

Parietaria pennsylvanica Muhl. ex Willd. var. *obtusa* (Rydb. ex Small) Shinnars***Pilea* Lindl.*****fontana* (Lunell) Rydb.**

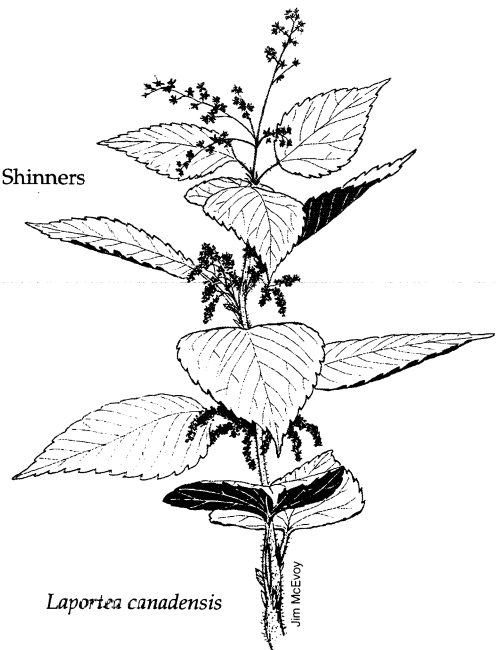
Bog clearweed, lesser clearweed

***pumila* (L.) A.Gray**

Canadian clearweed

Pilea pumila (L.) A.Gray var. *deamii* (Lunell) Fernald***Urtica* L.*****dioica* L.****subsp. *gracilis* (Aiton) Selander**

Stinging nettle

Urtica dioica L. var. *procera* (Muhl. ex Willd.) Wedd.*Urtica gracilis* Aiton*Urtica procera* Muhl. ex Willd.*Laportea canadensis*

◆ VALERIANACEAE—Valerian Family

Valeriana* L.**edulis* Nutt. ex Torr. & A.Gray****subsp. *ciliata* (Torr. & A.Gray) F.G.Mey.**

Edible valerian, tap-rooted valerian

Valeriana ciliata Torr. & A.Gray*Valeriana edulis* Nutt. ex Torr. & A.Gray var. *ciliata* (Torr. & A.Gray) Cronquist***officinalis* L.**

Garden-heliotrope, garden valerian

INTRODUCED - ESCAPED; POTENTIALLY INVASIVE

uliginosa (Torr. & A.Gray) Rydb.

Marsh valerian, mountain valerian

Valeriana sitchensis Bong. subsp. *uliginosa* (Torr. & A.Gray) F.G.Mey.

★ THREATENED - LISTED UNDER THIS SYNONYM BY THE DNR

Valerianella Mill.

chenopodifolia (Pursh) DC.

Great Lakes corn-salad, goosefoot corn-salad

◆ VERBENACEAE—Vervain Family

Phryma L.

leptostachya L.

American lop-seed

Phyla Lour.

lanceolata (Michx.) Greene

Lance-leaf fog-fruit

Lippia lanceolata Michx.

Verbena L.

bipinnatifida Nutt.

Cut-leaved verbena, Dakota vervain

INTRODUCED - ADVENTIVE

Glandularia bipinnatifida (Nutt.) Nutt.

bracteata Lag. & Rodr.

Creeping vervain, large-bracted vervain, prostrate vervain

canadensis (L.) Britton

Rose vervain

INTRODUCED - ESCAPED

Glandularia canadensis (L.) Nutt.

hastata L.

Blue vervain, simpler's-joy, swamp verbena

Verbena hastata L. var. *scabra* Moldenke

simplex Lehm.

Narrow-leaved vervain

★ SPECIAL CONCERN

stricta Vent.

Hoary verbena, hoary vervain

urticifolia L.

var. *leiocarpa* L.M.Perry & Fernald

Nettle-leaved vervain, white vervain

var. *urticifolia*

Nettle-leaved vervain, white vervain

× *deamii* Moldenke (pro sp.)

Deam's verbena, Deam's vervain

= *Verbena bracteata* Lag. & Rodr. × *V. stricta* Vent.

× *engelmannii* Moldenke

Engelmann's vervain

= *Verbena hastata* L. × *V. urticifolia* L.

× *illicita* Moldenke

Bastard vervain, illicit verbena

= *Verbena stricta* Vent. × *V. urticifolia* L.

× *moechina* Moldenke

Verbena

= *Verbena simplex* Lehm. × *V. stricta* Vent.



Verbena hastata

× *perriana* Moldenke

Perry's vervain

= *Verbena bracteata* Lag. & Rodr. × *V. urticifolia* L.× *rydbergii* Moldenke

Rydberg's vervain

= *Verbena hastata* L. × *V. stricta* Vent.

◆ VIOLACEAE—Violet Family

Hybanthus* Jacq.**concolor* (T.F.Forst.) Spreng.**

Eastern green-violet, green-violet

★ SPECIAL CONCERN

Viola* L.**adunca* Sm.*****f. adunca***

Hook-spur violet, sand violet

***f. glabra* (Brainerd) G.N.Jones**

Hook-spur violet, sand violet

adunca* Sm. × *V. labradorica* Schrank**affinis* Leconte**

Le Conte's violet, sand violet

Viola langloisii Greene*Viola missouriensis* Greene***arvensis* Murray**

European field pansy, field violet

INTRODUCED - ADVENTIVE

blanda* Willd.*var. *palustriformis* A.Gray**

Sweet white violet

Viola incognita Brainerd*Viola incognita* Brainerd var. *forbesii* Brainerd***blanda* Willd. × *V. macloskeyi* F.E.Lloyd subsp. *pallens* (Banks ex Ging.) M.S.Baker*****blanda* Willd. × *V. renifolia* A.Gray*****canadensis* L.****var. *canadensis***

Canadian white violet, tall white violet

var. *rugulosa* (Greene) C.L.Hitchc.

Canadian violet, creeping-root violet

***cucullata* Aiton**

Blue marsh violet, hooded violet, marsh blue violet

***labradorica* Schrank**

Alpine violet, dog violet

Viola adunca Sm. var. *minor* (Hook.) Fernald*Viola conspersa* Rehb.***lanceolata* L.****var. *lanceolata***

Bog white violet, lance-leaved violet, strap-leaved violet

macloskeyi* F.E.Lloyd*subsp. *pallens* (Banks ex Ging.) M.S.Baker**

Small white violet, wild white violet

Viola macloskeyi F.E.Lloyd var. *pallens* (Banks ex Ging.) C.L.Hitchc.*Viola pallens* (Banks ex Ging.) Brainerd

nephrophylla Greene

Northern bog violet

Viola pratincola Greene

novae-angliae House

New England blue violet

Viola septentrionalis Greene var. *grisea* Fernald

odorata L.

Sweet violet

INTRODUCED - PERSISTING AND SPREADING

pedata L.

f. pedata

Bird's-foot violet

f. rosea Sanders

Bird's-foot violet

Viola pedata L. var. *lineariloba* DC.

pedatifida G. Don

Prairie violet

Viola palmata L. var. *pedatifida* (G. Don) Cronquist

pubescens Aiton

var. pubescens

Downy yellow violet, yellow forest violet, yellow violet

Viola pennsylvanica Michx.

Viola pubescens Aiton var. *peckii* House

var. scabriuscula Schwein. ex Torr. & A. Gray

Smooth yellow violet, yellow forest violet, yellow violet

Viola pubescens Aiton var. *eriocarpa* (Schwein.) N.H. Russell, non Nutt.

renifolia A. Gray

Kidney-leaved violet, white violet

Viola renifolia A. Gray var. *brainerdii* (Greene) Fernald

rostrata Pursh

Long-spurred violet

★ SPECIAL CONCERN

sagittata Aiton

var. ovata (Nutt.) Torr. & A. Gray

Arrow-leaved violet, sand violet

Viola fimbriatula Sm.

☉ ENDANGERED - LISTED UNDER THIS SYNONYM BY THE DNR

var. sagittata

Arrow-leaved violet

selkirkii Pursh ex Goldie

Great-spurred violet, Selkirk's violet

sororia Willd.

Door-yard violet, common blue violet, hairy wood violet

☼ STATE FLOWER

Viola papilionacea Pursh

Viola papilionacea Pursh f. *albiflora* Grover

Viola septentrionalis Greene

striata Aiton

Creamy violet, striped white violet

tricolor L.

Johnny-jump-up, pansy violet

INTRODUCED - ESCAPED

× **palmata** L. (pro sp.)

= *Viola sagittata* Aiton × *V. sororia* Willd.

Viola esculenta Elliott

Viola palmata L. var. *triloba* (Schwein.) Ging. ex DC.

Viola viarum Pollard



☼ *Viola sororia*

× *primulifolia* L. (pro sp.)

= *Viola lanceolata* L. var. *lanceolata* × *V. macloskeyi* F.E.Lloyd subsp. *pallens* (Banks ex Ging.) M.S.Baker

× *subsINUATA* (Greene) Greene (pro sp.)

Early blue violet, lobed violet

= *Viola pedatifida* G.Don × *V. sororia* Willd.

◆ VISCACEAE—Christmas-mistletoe Family

Arceuthobium M.Bieb.

pusillum Peck

Eastern dwarf mistletoe

◆ VITACEAE—Grape Family

Ampelopsis Michx.

brevipedunculata (Maxim.) Trautv.

Amur pepper-vine, porcelain-berry, turquoise-berry

INTRODUCED - ESCAPED

Ampelopsis brevipedunculata (Maxim.) Trautv. var. *maximowiczii* (Regal) Rehder

Parthenocissus Planch.

quinquefolia (L.) Planch.

Virginia creeper, woodbine

Parthenocissus quinquefolia (L.) Planch. f. *hirsuta* (Pursh) Fernald

vitacea (Knerr) Hitchc.

Grape woodbine

Parthenocissus inserta (Kerner) Fritsch

Parthenocissus vitacea (Knerr) Hitchc. f. *dubia* (Rehder) Fernald

Vitis L.

aestivalis Michx.

var. *aestivalis*

Pigeon grape, summer grape

var. *argentifolia* (Munson) Fernald

Silver-leaf grape, summer grape

Vitis aestivalis Michx. var. *bicolor* Deam

labrusca L.

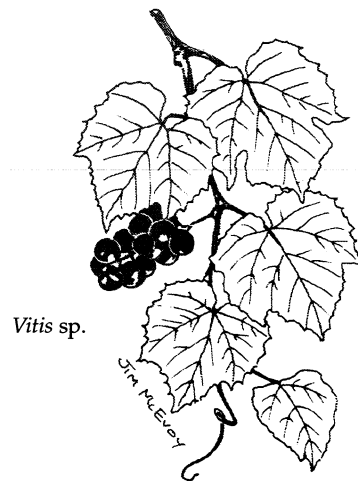
Fox grape

INTRODUCED - ESCAPED

riparia Michx.

Frost grape, river bank grape

Vitis riparia Michx. var. *syrticola* (Fernald & Wiegand) Fernald



Vitis sp.

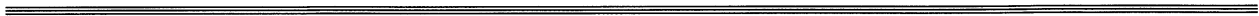
◆ ZYGOPHYLLACEAE—Creosote-bush Family

Tribulus L.

terrestris L.

Caltrop, puncture-vine

INTRODUCED - ADVENTIVE



◆
**ANGIOSPERMS
MONOCOTYLEDONS**



KENNETH J. SYTSMA



KENNETH J. SYTSMA



ROBERT RAOVAL

◆ ACORACEAE—Sweet-flag Family

Acorus L.

americanus (Raf.) Raf.

Sweet-flag

Acorus calamus auct. non L.

calamus L.

Sweet-flag

INTRODUCED - NATURALIZED

Acorus americanus auct. non (Raf.) Raf.

◆ AGAVACEAE—Agave Family

Yucca L.

filamentosa L.

Adam's needle, yucca

INTRODUCED - ESCAPED

Yucca smalliana Fernald

◆ ALISMATACEAE—Water-plantain Family

Alisma L.

gramineum Lej.

Grass-leaved water-plantain, narrow-leaved water-plantain

subcordatum Raf.

American water-plantain, common water-plantain, southern water-plantain

Alisma plantago-aquatica L. var. *parviflorum* (Pursh) Torr.

triviale Pursh

Northern water-plantain

Alisma plantago-aquatica L. var. *americanum* Schult.

Echinodorus Rich.

berteroi (Spreng.) Fassett

Erect bur-head, tall bur-head, upright bur-head

Echinodorus berteroi (Spreng.) Fassett var. *lanceolatus* (Engelm. ex S.Watson & J.M.Coult.) Fassett

Echinodorus rostratus (Nutt.) Engelm. ex A.Gray

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

Sagittaria L.

brevirostra Mack. & Bush

Midwestern arrowhead, short-beaked arrowhead

Sagittaria engelmanniana J.G.Sm. subsp. *brevirostra* (Mack. & Bush) Bogin

cristata Engelm.

Crested arrowhead

Sagittaria graminea Michx. var. *cristata* (Engelm.) Bogin

cuneata E.Sheld.

Arum-leaved arrowhead, northern arrowhead, wapato

graminea Michx.

subsp. *graminea*

Grass-leaved arrowhead, grass-leaved sagittaria

latifolia Willd.

var. *latifolia*

Broad-leaved arrowhead, common arrowhead, wapato

Sagittaria latifolia Willd. f. *gracilis* (Pursh) B.L.Rob.

Sagittaria latifolia Willd. f. *hastata* (Pursh) B.L.Rob.

Sagittaria latifolia Willd. var. *obtusata* (Muhl. ex Willd.) Wiegand

montevidensis Cham. & Schldl.

subsp. *calycina* (Engelm.) Bogin

Giant arrowhead, hooded arrowhead, long-lobed arrowhead, Mississippi arrowhead

Lophotocarpus calycinus (Engelm.) J.G.Sm.

Sagittaria calycina Engelm.

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

rigida Pursh

Sessile-fruited arrowhead, stiff arrowhead

Sagittaria heterophylla Pursh

Sagittaria heterophylla Pursh f. *elliptica* (Engelm.) S.F.Blake

Sagittaria heterophylla Pursh f. *fluitans* (Engelm.) S.F.Blake

Sagittaria heterophylla Pursh f. *rigida* (Pursh) S.F.Blake

◆ ARACEAE—Arum, Calla Family

Arisaema Mart.

dracontium (L.) Schott

Dragon-root, green dragon

triphillum (L.) Schott

subsp. *triphillum*

Indian turnip, Jack-in-the-pulpit

Arisaema atrorubens (Aiton) Blume

Calla L.

palustris L.

Water-arum, wild calla

Peltandra Raf.

virginica (L.) Raf. ex Schott & Endl.

Green arrow-arum, tuckahoe

INTRODUCED - LOCALLY ESTABLISHED

Symplocarpus Salisb. ex W.P.C.Barton

foetidus (L.) Salisb. ex W.P.C.Barton

Skunk-cabbage



Arisaema triphyllum

◆ BUTOMACEAE—Flowering-rush Family

Butomus L.

umbellatus L.

Flowering-rush

INTRODUCED - LOCALLY ESTABLISHED; POTENTIALLY INVASIVE

◆ COMMELINACEAE—Spiderwort Family

Commelina L.

communis L.

Asiatic dayflower, common dayflower

INTRODUCED - NATURALIZED

Commelina communis L. var. *ludens* (Miq.) C.B.Clarke

erecta L.

var. *deamiana* Fernald

Erect dayflower, narrow-leaved dayflower, white-mouth dayflower

★ SPECIAL CONCERN

Tradescantia L.

bracteata Small ex Britton

Bracted spiderwort, long-bracted spiderwort, sticky spiderwort

occidentalis (Britton) Smyth

var. **occidentalis**

Prairie spiderwort, western spiderwort

ohiensis Raf.

Blue-jacket, common spiderwort, smooth spiderwort

Tradescantia reflexa Raf.

Tradescantia reflexa Raf. f. *albiflora* Slavin & Nieuwl.

Tradescantia reflexa Raf. f. *lesteri* Standl.

◆ **CYPERACEAE—Sedge Family**

Bolboschoenus (Asch.) Palla

fluviatilis (Torr.) Soják

River bulrush

Scirpus fluviatilis (Torr.) A.Gray

Bulbostylis Kunth

capillaris (L.) Kunth ex C.B. Clarke

Hair sedge, thread-leaved beak-seed

Carex L.

adusta Boott

Brown oval sedge, lesser brown sedge

albicans Willd. ex Spreng.

var. **albicans**

Blunt-scaled oak sedge, dry woods sedge, oak sedge, white-tinge sedge

Carex artitecta Mack.

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

var. **emmonsii** (Dewey ex Torr.) Rettig

Emmons' sedge, oak sedge, sharp-scaled oak sedge

Carex emmonsii Dewey ex Torr.

albursina E.Sheld.

Blunt-scaled wood sedge, white bear sedge

alopecoidea Tuck.

Brown-headed fox sedge, foptail sedge

aquatilis Wahlenb.

var. **aquatilis**

Long-bracted tussock sedge, water sedge

Carex aquatilis Wahlenb. var. *altior* (Rydb.) Fernald

Carex aquatilis Wahlenb. var. *substricta* Kük.

arcta Boott

Bear sedge, northern clustered sedge

arctata Boott ex Hook.

Drooping woodland sedge

assiniboinensis W.Boott

Assiniboine sedge

★ SPECIAL CONCERN

atherodes Spreng.

Hairy-leaved lake sedge, slough sedge

atherodes Spreng. × *C. trichocarpa* Muhl. ex Willd.

aurea Nutt.

Elk sedge, golden sedge, golden-fruited sedge

backii W.Boott

Back's sedge, Rocky Mountain sedge

★ SPECIAL CONCERN

Carex saximontana Mack.**bebbii (L.H.Bailey) Olney ex Fernald**

Bebb's oval sedge, Bebb's sedge

bicknellii Britton**var. bicknellii**

Bicknell's oval sedge, Bicknell's sedge

blanda Dewey

Common wood sedge, eastern woodland sedge, wood sedge

brachyglossa Mack.

Yellow-headed fox sedge

Carex annectens (E.P.Bicknell) E.P.Bicknell*Carex annectens* (E.P.Bicknell) E.P.Bicknell var. *xanthocarpa* (E.P.Bicknell) Wiegand*Carex vulpinoidea* Michx. var. *ambigua* Boott**brevior (Dewey) Mack. ex Lunell**

Fescue sedge, plains oval sedge

bromoides Schkuhr ex Willd.**subsp. bromoides**

Brome-like sedge

brunnescens (Pers.) Poir.**subsp. sphaerostachya (Tuck.) Kalela**

Brownish sedge, green bog sedge

Carex brunnescens (Pers.) Poir. var. *sphaerostachya* (Tuck.) Kük.**bushii Mack.**

Bush's sedge, long-scaled green sedge

INTRODUCED - LOCALLY ESTABLISHED

buxbaumii Wahlenb.

Buxbaum's sedge

canescens L.**subsp. canescens**

Gray bog sedge, silvery sedge

subsp. disjuncta (Fernald) Toivonen

Gray bog sedge, silvery sedge

Carex canescens L. var. *disjuncta* Fernald**capillaris L.**

Hair-like sedge

★ SPECIAL CONCERN

Carex capillaris L. var. *major* Blytt**careyana Torr. ex Dewey**

Carey's sedge, Carey's wood sedge

★ THREATENED

castanea Wahlenb.

Chestnut sedge, chestnut woodland sedge

cephaloidea (Dewey) Dewey

Clustered bracted sedge

Carex sparganioides Muhl. ex Willd. var. *cephaloidea* (Dewey) J.Carey**cephalophora Muhl. ex Willd.**

Oval-headed sedge, short-headed bracted sedge, wood-bank sedge

chordorrhiza Ehrh. ex L.f.

Cord-root sedge, creeping sedge

communis L.H.Bailey**var. communis**

Colonial oak sedge, fibrous-root sedge

comosa Boott

Bristly sedge

comosa Boott × *C. hystericina* Muhl. ex Willd.

concinna R.Br.

Beautiful sedge, low northern sedge

★ THREATENED

conoidea Schkuhr ex Willd.

Open-field sedge, prairie gray sedge

Carex katahdinensis Fernald

crawei Dewey ex Torr.

Crawe's sedge, early fen sedge

★ SPECIAL CONCERN

crawfordii Fernald

Crawford's oval sedge, Crawford's sedge

crinita Lam.

var. crinita

Fringed sedge

Carex crinita Lam. var. *minor* Boott

Carex crinita Lam. var. *simulans* Fernald

crstatella Britton

Crested oval sedge, crested sedge

Carex cristatella Britton f. *catelliformis* (Farw.) Fernald

crus-corvi Shuttlew. ex Kunze

Crow-foot fox sedge, crow-spur sedge, raven's-foot sedge

✪ ENDANGERED

cryptolepis Mack.

Northeastern sedge, small yellow sedge

Carex flava L. var. *fertilis* auct. non Peck

cumulata (L.H.Bailey) Mack.

Clustered sedge, crowded oval sedge

★ SPECIAL CONCERN

davisii Schwein. & Torr.

Awned graceful sedge, Davis' sedge

debilis Michx.

var. rudgei L.H.Bailey

Northern weak sedge, weak sedge, white-edge sedge

deflexa Hornem.

var. deflexa

Northern oak sedge, northern sedge

deweyana Schwein.

subsp. deweyana

Dewey's sedge

diandra Schrank

Bog panicled sedge, lesser panicled sedge

digitalis Willd.

var. digitalis

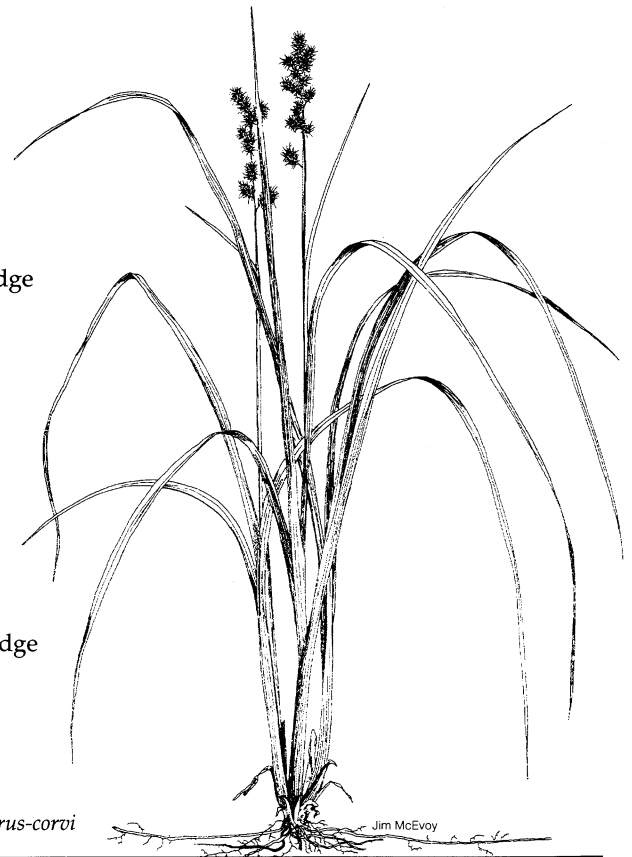
Narrow-leaved wood sedge, slender woodland sedge

disperma Dewey

Soft-leaf sedge, two-seeded bog sedge

eburnea Boott

Bristle-leaf sedge



✪ *Carex crus-corvi*

Jim McEvoy

echinata* Murray*subsp. *echinata***

Large-fruited star sedge, prickly sedge, star sedge

Carex angustior Mack.*Carex cephalantha* (L.H.Bailey) E.P.Bicknell***emoryi* Dewey ex Torr.**

Emory's sedge

***exilis* Dewey**

Coast sedge, coastal sedge, coastal star sedge

★ THREATENED

***festucacea* Schkuhr ex Willd.**

Fescue oval sedge, fescue sedge

festucacea* Schkuhr ex Willd. × *C. tenera* Dewey**flava* L.**

Large yellow sedge, yellow sedge

***foenea* Willd.**

Bronze-headed oval sedge

Carex aenea Fernald***folliculata* L.**

Long sedge, northern long sedge

★ SPECIAL CONCERN

***formosa* Dewey**

Awnless graceful sedge, handsome sedge

★ THREATENED

***garberi* Fernald**

Elk sedge, false golden sedge

★ THREATENED

***gracilescens* Steud.**

Slender loose-flower sedge, slender sedge, slender wood sedge

★ SPECIAL CONCERN

***gracillima* Schwein.**

Graceful sedge, purple-sheathed graceful sedge

***granularis* Muhl. ex Willd.**

Limestone meadow sedge

Carex granularis Muhl. ex Willd. var. *haleana* (Olney) Porter***gravida* L.H.Bailey****var. *gravida***

Heavy sedge, long-awned bracted sedge

***grayi* J.Carey**

Bur sedge, Gray's bur sedge, Gray's sedge

Carex grayi J.Carey var. *hispidula* A.Gray***grisea* Wahlenb.**

Eastern narrow-leaved sedge, gray sedge

Carex amphibola auct. mult.*Carex amphibola* Steud. var. *turgida* Fernald, misapplied***gynandra* Schwein.**

Nodding sedge

***gynocrates* Wormsk. ex Drejer**

Northern bog sedge

★ SPECIAL CONCERN

Carex dioica L. var. *gynocrates* (Wormsk. ex Drejer) Ostenf.***haydenii* Dewey**

Hayden's sedge, long-scaled tussock sedge

***hirta* L.**

Hammer sedge, sharp-toothed woolly sedge

INTRODUCED - LOCALLY ESTABLISHED

***hirtifolia* Mack.**

Hairy sedge, hairy wood sedge, pubescent sedge

***hitchcockiana* Dewey**

Hairy wood sedge, Hitchcock's sedge

***houghtoniana* Torr. ex Dewey**

Houghton's sedge, Houghton's woolly sedge

***hystericina* Muhl. ex Willd.**

Bottlebrush sedge, porcupine sedge

Carex hystericina Muhl. ex Willd. [orthographic "correction"]

***inops* L.H.Bailey**

subsp. *heliophila* (Mack.) Crins

Long-stolon sedge, round-bodied oak sedge, sun sedge

Carex pennsylvanica Lam. var. *digyna* Boeck.

***interior* L.H.Bailey**

Inland sedge, inland star sedge

Carex interior L.H.Bailey f. *keweenawensis* (F.J.Herm.) Fernald

***intumescens* Rudge**

Greater bladder sedge, shining bur sedge, swollen sedge

Carex intumescens Rudge var. *fernaldii* L.H.Bailey

***jamesii* Schwein.**

Grass sedge, James' sedge

***lacustris* Willd.**

Common lake sedge, rip-gut sedge

***laeviconica* Dewey**

Long-toothed lake sedge, smooth-cone sedge

***laeviconica* Dewey × *C. trichocarpa* Muhl. ex Willd.**

***laevivaginata* (Kük.) Mack.**

Smooth-sheathed fox sedge, smooth-sheathed sedge

☛ ENDANGERED

***lasiocarpa* Ehrh.**

subsp. *americana* (Fernald) D.Löve & Bernard

American woolly-fruit sedge, narrow-leaved woolly sedge, woolly-fruit sedge

Carex lasiocarpa Ehrh. var. *americana* Fernald

***laxiculmis* Schwein.**

var. *copulata* (L.H.Bailey) Fernald

Spreading sedge, weak-stemmed wood sedge

var. *laxiculmis*

Spreading sedge, weak-stemmed wood sedge

***laxiflora* Lam.**

Beach wood sedge, broad loose-flower sedge, wood sedge

Carex laxiflora Lam. var. *serrulata* F.J.Herm.

***leavenworthii* Dewey**

Leavenworth's bracted sedge, Leavenworth's sedge

INTRODUCED - LOCALLY ESTABLISHED

***lenticularis* Michx.**

★ THREATENED

var. *lenticularis*

Lakeshore sedge, lenticular sedge, shore sedge, tufted sedge

***leptalea* Wahlenb.**

subsp. *leptalea*

Bristle-stalked sedge, slender sedge

***leptonervia* (Fernald) Fernald**

Few-nerved wood sedge, nerveless woodland sedge

***limosa* L.**

Muck sedge, mud sedge

livida* (Wahlenb.) Willd.*var. *radicaulis* Paine**

Livid sedge, pale stiff sedge

★ SPECIAL CONCERN

Carex livida (Wahlenb.) Willd. var. *grayana* (Dewey) Fernald***longii* Mack.**

Greenish-white sedge, Long's sedge

★ SPECIAL CONCERN

lucorum* Willd. ex Link*var. *lucorum***

Blue Ridge sedge, long-beaked oak sedge

Carex pensylvanica Lam. var. *distans* Peck***lupuliformis* Sartwell ex Dewey**

False hop sedge, hop-like sedge, knobbed hop sedge

☉ ENDANGERED

***lupulina* Muhl. ex Willd.**

Common hop sedge, hop sedge

***lurida* Wahlenb.**

Shallow sedge

magellanica* Lam.*subsp. *irrigua* (Wahlenb.) Hultén**

Boreal bog sedge

Carex paupercula Michx. var. *irrigua* (Wahlenb.) Fernald**subsp. *magellanica***

Boreal bog sedge

Carex paupercula Michx.***meadii* Dewey**

Mead's sedge, Mead's stiff sedge

Carex tetanica Schkuhr var. *meadii* (Dewey) L.H.Bailey***merritt-fernaldii* Mack.**

Fernald's oval sedge, Fernald's sedge

***michauxiana* Boeck.**

Michaux's sedge

★ THREATENED

***molesta* Mack. ex Bright**

Field oval sedge, troublesome sedge

muhlenbergii* Schkuhr ex Willd.*var. *enervis* Boott**

Muhlenberg's bracted sedge, Muhlenberg's sedge, sand bracted sedge, sand sedge

var. *muhlenbergii*

Muhlenberg's bracted sedge, Muhlenberg's sedge, sand bracted sedge, sand sedge

***muskingumensis* Schwein.**

Muskingum sedge, swamp oval sedge

***nebrascensis* Dewey**

Nebraska sedge

INTRODUCED - ADVENTIVE

***nigra* (L.) Reichard**

Smooth black sedge

★ SPECIAL CONCERN

***normalis* Mack.**

Greater straw sedge, intermediate sedge, spreading oval sedge

norvegica* Retz.*subsp. *inferalpina* (Wahlenb.) Hultén**

Intermediate sedge, Norway sedge

Carex media R.Br.

☉ ENDANGERED - LISTED UNDER THIS SYNONYM BY THE DNR

***novae-angliae* Schwein.**

New England oak sedge, New England sedge

***oligocarpa* Schkuhr ex Willd.**

Few-fruited gray sedge, rich-woods sedge

***oligosperma* Michx.**

Few-seeded hop sedge, few-seeded sedge

***ormostachya* Wiegand**

Necklace-spike sedge, necklace-spike wood sedge

***ovalis* Gooden.**

Oval sedge

INTRODUCED - LOCALLY ESTABLISHED

Carex leporina L., misapplied

***pallescens* L.**

Pale green sedge, pale sedge

Carex pallescens L. var. *neogaea* Fernald

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

***pauciflora* Lightf.**

Few-flowered bog sedge, few-flowered sedge, star sedge

***peckii* Howe**

Peck's oak sedge, Peck's sedge

***pedunculata* Muhl. ex Willd.**

Long-stalk sedge

***pellita* Muhl. ex Willd.**

Broad-leaved woolly sedge

Carex lanuginosa auct. non Michx.

***pensylvanica* Lam.**

Common oak sedge, Pennsylvania sedge

***plantaginea* Lam.**

Plantain-leaved sedge, plantain-leaved wood sedge

***platyphylla* J.Carey**

Broad-leaf sedge, broad-leaved wood sedge, thicket sedge

★ SPECIAL CONCERN

***praegracilis* W.Boott**

Clustered field sedge, freeway sedge

INTRODUCED - LOCALLY ESTABLISHED

***prairea* Dewey ex A.W.Wood**

Fen paniced sedge, prairie sedge

***prasina* Wahlenb.**

Drooping sedge, leek-green sedge

★ THREATENED

***projecta* Mack.**

Loose-headed oval sedge, necklace sedge

***pseudocyperus* L.**

Cypress-like sedge, false bristly sedge

***radiata* (Wahlenb.) Small**

Eastern star sedge, straight-styled wood sedge

Carex rosea Schkuhr ex Willd., misapplied

***retrorsa* Schwein.**

Deflexed bottlebrush sedge, knot-sheath sedge, retrorse sedge

***richardsonii* R.Br.**

Prairie hummock sedge, Richardson's sedge

★ SPECIAL CONCERN

***rosea* Schkuhr ex Willd.**

Curly-styled wood sedge, rosy sedge, stellate sedge

Carex convoluta Mack.

rostrata Stokes

Beaked sedge, northern yellow lake sedge

sartwellii Dewey

Running marsh sedge, Sartwell's sedge

scabrata Schwein.

Eastern rough sedge

schweinitzii Dewey ex Schwein.

Rough sand sedge, Schweinitz's sedge

☉ ENDANGERED

scoparia Schkuhr ex Willd.

Broom sedge, lance-fruited oval sedge

Carex scoparia Schkuhr ex Willd. var. *tessellata* Fernald & Wiegand**scoparia (cf.) Schkuhr ex Willd. × *C. tribuloides* Wahlenb.****siccata Dewey**

Dry-spiked sedge, hay sedge, hillside sedge, running savanna sedge

Carex foenea Willd., misapplied**sparganioides Muhl. ex Willd.**

Bur-reed sedge, loose-headed bracted sedge

spicata Huds.

Spiked bracted sedge

INTRODUCED - LOCALLY ESTABLISHED

sprengelii Dewey ex Spreng.

Long-beaked sedge, Sprengel's sedge

sterilis Willd.

Dioecious sedge, fen star sedge

stipata Muhl. ex Willd.

Common fox sedge, owl-fruit sedge

straminea Willd. ex Schkuhr

Awned oval sedge, eastern straw sedge, straw sedge

★ SPECIAL CONCERN

stricta Lam.

Common tussock sedge, hummock sedge, tussock sedge, uptight sedge

Carex stricta Lam. var. *strictior* (Dewey) J.Carey**suberecta (Olney) Britton**

Prairie straw sedge, wedge-fruited oval sedge

★ SPECIAL CONCERN

swanii (Fernald) Mack.

Downy green sedge, Swan's sedge

★ SPECIAL CONCERN

sychnocephala J.Carey

Many-headed oval sedge, many-headed sedge

★ SPECIAL CONCERN

tenera Dewey**var. *echinodes* (Fernald) Wiegand**

Marsh straw sedge, quill sedge

var. *tenera*

Marsh straw sedge, narrow-leaved oval sedge, quill sedge

tenuiflora Wahlenb.

Small-headed bog sedge, sparse-flowered sedge

★ SPECIAL CONCERN

tetanica Schkuhr

Common stiff sedge, rigid sedge

tincta (Fernald) Fernald

Tinged oval sedge, tinged sedge

tonsa (Fernald) E.P.Bicknell

var. rugosperma (Mack.) Crins

Parachute sedge, wrinkled-seeded oak sedge

Carex rugosperma Mack.

Carex umbellata sensu Fernald, non Schkuhr ex Willd.

var. tonsa

Shaved sedge, smooth-fruited oak sedge

Carex rugosperma Mack. var. *tonsa* (Fernald) E.G.Voss

Carex umbellata Schkuhr ex Willd. var. *tonsa* Fernald

torreyi Tuck.

Red-sheathed green sedge, Torrey's sedge

★ SPECIAL CONCERN

tribuloides Wahlenb.

var. tribuloides

Awl-fruited oval sedge, blunt-broom sedge

trichocarpa Muhl. ex Willd.

Hairy-fruit lake sedge, hairy-fruit sedge

trisperma Dewey

var. trisperma

Three-fruited sedge, three-seeded bog sedge, three-seeded sedge

tuckermanii Dewey

Bent-seeded hop sedge, Tuckerman's sedge

typhina Michx.

Cat-tail sedge

umbellata Schkuhr ex Willd.

Early oak sedge, hidden sedge, parasol sedge

Carex abdita E.B.Bicknell

Carex microrhyncha Mack.

utriculata Boott

Common yellow lake sedge, Northwest Territory sedge

Carex rostrata Stokes var. *utriculata* (Boott) L.H.Bailey

vaginata Tauscher

Sheathed sedge

★ SPECIAL CONCERN

vesicaria L.

Blister sedge, tufted lake sedge

Carex vesicaria L. var. *distenta* Fr.

Carex vesicaria L. var. *jejuna* Fernald

Carex vesicaria L. var. *monile* (Tuck.) Fernald

viridula Michx.

subsp. viridula

Green yellow sedge, little green sedge

vulpinoidea Michx.

Brown fox sedge, fox sedge

woodii Dewey

Pretty sedge, Wood's stiff sedge

× **knieskernii Dewey (pro sp.)**

= *Carex arctata* Boott ex Hook. × *C. castanea* Wahlenb.

× **laricina Mack. ex Bright (pro sp.)**

= *Carex echinata* Murray subsp. *echinata* × *C. interior* L.H. Bailey

Cladium P.Browne

mariscoides (Muhl.) Torr.

Smooth sawgrass, twig-rush

Cyperus L.***bipartitus* Torr.**

Slender flat sedge

Cyperus rivularis Kunth***diandrus* Torr.**

Low cyperus, umbrella flat sedge

***erythrorhizos* Muhl.**

Red-rooted sedge

esculentus* L.*var. *esculentus***

Field nut sedge, flat sedge, yellow nut sedge

***houghtonii* Torr.**

Houghton's flat sedge

lupulinus* (Spreng.) Marcks*subsp. *lupulinus***

Great Plains flat sedge, sand cyperus, sand sedge

Cyperus filiculmis auct. non Vahl**subsp. *macilentus* (Fernald) Marcks**

Great Plains flat sedge, sand cyperus, slender sand sedge

Cyperus filiculmis Vahl var. *macilentus* Fernald**subsp. *macilentus* (Fernald) Marcks × *C. schweinitzii* Torr.*****odoratus* L.**

Flat sedge, fragrant cyperus

Cyperus engelmannii Steud.*Cyperus ferruginescens* Boeck.*Cyperus odoratus* L. var. *squarrosus* (Britton) Gilly***schweinitzii* Torr.**

Great Plains sand sedge, Schweinitz's cyperus, Schweinitz's flat sedge

***squarrosus* L.**

Bearded flat sedge

Cyperus aristatus Rottb.*Cyperus inflexus* Muhl.***strigosus* L.**

False nut sedge, straw-colored cyperus

× *mesochorus* Geise

Midland sand sedge

= *Cyperus lupulinus* (Spreng.) Marcks subsp. *lupulinus* × *C. schweinitzii* Torr.***Dulichium* Pers.*****arundinaceum* (L.) Britton**

Pond sedge, three-way sedge

Eleocharis* R.Br.**acicularis* (L.) Roem. & Schult.**

Needle spike-rush

Eleocharis acicularis (L.) Roem. & Schult. f. *inundata* Svenson*Eleocharis acicularis* (L.) Roem. & Schult. var. *gracilescens* Svenson*Eleocharis acicularis* (L.) Roem. & Schult. var. *submersa* (Nilsson) Svenson***compressa* Sull.**

★ SPECIAL CONCERN

var. *atrata* Svenson

Flat-stemmed spike-rush

var. *compressa*

Flat-stemmed spike-rush

***elliptica* Kunth**

Elliptic spike-rush

Eleocharis tenuis (Willd.) Schult. var. *borealis* (Svenson) Gleason

***engelmannii* Steud.**

Engelmann's spike-rush

★ SPECIAL CONCERN

Eleocharis engelmannii Steud. f. *detonsa* (A.Gray) Svenson

***equisetoides* (Elliott) Torr.**

Horsetail spike-rush, jointed spike-sedge, knotted spike-rush

✚ EXTIRPATED

***erythropoda* Steud.**

Bald spike-rush

Eleocharis calva Torr.

***intermedia* (Muhl.) Schult.**

Matted spike-rush

***mamillata* (H.Lindb.) H.Lindb.**

Mamillate spike-rush

★ SPECIAL CONCERN

***nitida* Fernald**

Neat spike-rush, quill spike-rush, slender spike-rush

⊕ ENDANGERED

***obtusa* (Willd.) Schult.**

Blunt spike-rush

***olivacea* Torr.**

★ SPECIAL CONCERN

var. *olivacea*

Bright green spike-rush, capitate spike-rush

Eleocharis flavescens (Poir.) Urban var. *olivacea* (Torr.) Gleason

***ovata* (Roth) Roem. & Schult.**

Oval spike-rush

***palustris* (L.) Roem. & Schult.**

Common spike-rush

Eleocharis palustris (L.) Roem. & Schult. var. *major* Sond.

Eleocharis smallii Britton

***quadrangulata* (Michx.) Roem. & Schult.**

Angled spike-rush, square-stem spike-rush

⊕ ENDANGERED

Eleocharis quadrangulata (Michx.) Roem. & Schult. var. *crassior* Fernald

***quinqueflora* (Hartmann) Schwarz**

Few-flowered spike-rush

★ SPECIAL CONCERN

Eleocharis pauciflora (Lightf.) Link

Eleocharis pauciflora (Lightf.) Link var. *fernaldii* Svenson

***robbinsii* Oakes**

Robbins' spike-rush

★ SPECIAL CONCERN

***rostellata* (Torr.) Torr.**

Beaked spike-rush

★ THREATENED

***tenuis* (Willd.) Schult. var. *verrucosa* (Svenson) Svenson**

Slender spike-rush

***wolfii* (A.Gray) A.Gray ex Britton**

Wolf's spike-rush

⊕ ENDANGERED

***Eriophorum* L.**

***alpinum* L.**

Alpine cotton-grass

Scirpus hudsonianus (Michx.) Fernald

Trichophorum alpinum (L.) Pers.

angustifolium* Honck.*subsp. *angustifolium***

Narrow-leaved cotton-grass, tall cotton-grass

Eriophorum polystachion auct. non L.***chamissonis* C.A.Mey.**

Chamisso's cotton-grass, russet cotton-grass

★ SPECIAL CONCERN

Eriophorum altaicum Meinsh. var. *neogeum* Raymond*Eriophorum chamissonis* C.A.Mey. f. *turneri* Raymond*Eriophorum russeolum* Fr. var. *albidum* F.Nyl.*Eriophorum russeolum* Fr. var. *majus* Sommier***gracile* W.D.J.Koch ex Roth**

Slender cotton-grass

***tenellum* Nutt.**

Cotton-grass sedge, conifer cotton-grass, few-nerved cotton-grass

vaginatum* L.*subsp. *spissum* (Fernald) Hultén**

Tussock cotton-grass

Eriophorum spissum Fernald*Eriophorum vaginatum* L. var. *spissum* (Fernald) B.Boivin***virginicum* L.**

Rusty cotton-grass, tawny cotton-grass

***viridi-carinatum* (Engelm.) Fernald**

Dark-scale cotton-grass, tall cotton-grass

Fimbristylis* Vahl**autumnalis* (L.) Roem. & Schult.**

Autumn sedge, slender fimbristylis, slender fringe-rush

Fimbristylis autumnalis (L.) Roem. & Schult. var. *mucronulata* (Michx.) Fernald***puberula* (Michx.) Vahl**

⊕ ENDANGERED

var. *puberula*

Chestnut sedge, hairy fimbristylis, hairy fimbristylis

Fimbristylis drummondii (Torr. & Hook. ex Torr.) Boeck.***Fuirena* Rottb.*****pumila* (Torr.) Spreng.**

Dwarf umbrella-sedge, umbrella-grass

⊕ ENDANGERED

Fuirena squarrosa Michx. var. *pumila* Torr.***Lipocarpha* R.Br.*****drummondii* (Nees) G.C.Tucker**

Drummond's half-chaff sedge

Hemicarpha drummondii Nees*Hemicarpha micrantha* (Vahl) Pax var. *aristulata* Coville, sensu Gleason & Cronquist (1991)***micrantha* (Vahl) G.C.Tucker**

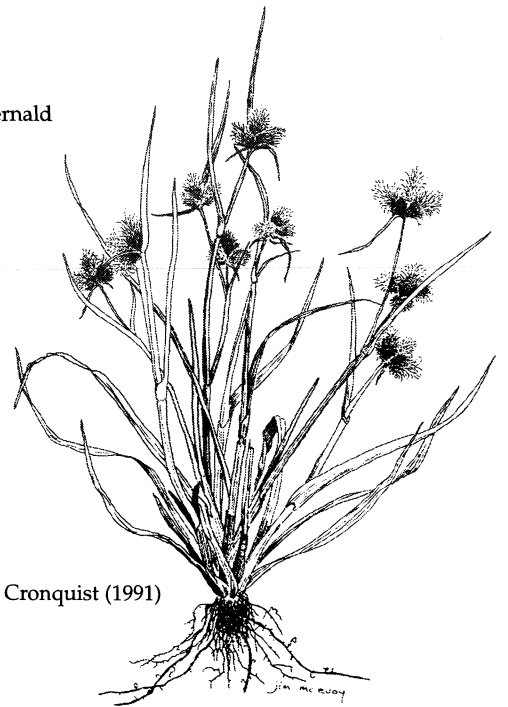
Small-flowered hemicarpha

Hemicarpha micrantha (Vahl) Pax*Hemicarpha micrantha* (Vahl) Pax var. *minor* (Schrad.) Friedl.***Rhynchospora* Vahl*****alba* (L.) Vahl**

White beak-rush

***capillacea* Torr.**

Hair beak-rush, needle beak sedge

Rhynchospora capillacea Torr. f. *leviseta* (E.J.Hill) Fernald⊕ *Fuirena pumila*

capitellata (Michx.) Vahl

Brownish beak sedge, clustered beak-rush

Rhynchospora capitellata (Michx.) Vahl f. *discutiens* (C.B.Clarke) Gale

Rhynchospora glomerata (L.) Vahl var. *minor* Britton

Rhynchospora glomerata (L.) Vahl var. *minor* Britton f. *discutiens* (C.B.Clarke) Fernald

fusca (L.) W.T.Aiton

Brown beak-rush, sooty beak-rush

★ SPECIAL CONCERN

scirpoides (Torr.) A.Gray

Long-beaked bald-rush, long-beaked bald sedge

Psilocarya scirpoides Torr.

★ THREATENED - LISTED UNDER THIS SYNONYM BY THE DNR

Schoenoplectus (Rchb.) Palla

acutus (Muhl. ex Bigelow) A.Löve & D.Löve

var. acutus

Hard-stem bulrush

Scirpus acutus Muhl. ex Bigelow

Scirpus lacustris L., pro parte

acutus (Muhl. ex Bigelow) A.Löve & D.Löve × *S. heterochaetus* (Chase) Soják

acutus (Muhl. ex Bigelow) A.Löve & D.Löve × *S. tabernaemontani* (C.C.Gmel.) Palla

hallii (A.Gray) S.G.Sm.

Hall's bulrush

Scirpus hallii A.Gray

⊛ ENDANGERED - LISTED UNDER THIS SYNONYM BY THE DNR

Scirpus supinus L. var. *hallii* (A.Gray) A.Gray

heterochaetus (Chase) Soják

Slender bulrush

Scirpus heterochaetus Chase

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

pungens (Vahl) Palla

var. pungens

Chair-maker's rush, common three-square bulrush

Scirpus americanus auct. Amer. non Pers.

Scirpus pungens Vahl

purshianus (Fernald) M.T.Strong

Pursh's bulrush, weak bulrush, weak-stalk bulrush

Scirpus debilis Pursh, non Lam.

Scirpus debilis Pursh var. *williamsii* Fernald

Scirpus purshianus Fernald

smithii (A.Gray) Soják

var. setosus (Fernald) S.G.Sm.

Blunt-scale bulrush, Smith's bulrush

Scirpus smithii A.Gray f. *setosus* (Fernald) Fernald

Scirpus smithii A.Gray var. *setosus* Fernald

var. smithii

Blunt-scale bulrush, Smith's bulrush

Scirpus smithii A.Gray

subterminalis (Torr.) Soják

Swaying bulrush, water bulrush, water club-rush

Scirpus subterminalis Torr.

tabernaemontani (C.C.Gmel.) Palla

Great bulrush, soft-stem bulrush

Scirpus tabernaemontani C.C.Gmel.

Scirpus validus Vahl

Scirpus validus Vahl var. *creber* Fernald

torreyi (Olney) Palla

Torrey's bulrush, Torrey's three-square bulrush

Scirpus torreyi Olney

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

× *steinmetzii* (Fernald) S.G.Sm. (pro sp.)

Steinmetz's bulrush

= *Schoenoplectus heterochaetus* (Chase) Soják × *S. tabernaemontani* (C.C.Gmel.) Palla**Scirpus L.***atrocinctus* Fernald

Black-girdled wool-grass

Scirpus cyperinus (L.) Kunth var. *brachypodus* (Fernald) Gilly*atrocinctus* Fernald × *S. cyperinus* (L.) Kunth*atrovirens* Willd.

Black bulrush, dark-green bulrush

atrovirens Willd. × *S. hattorianus* Makino*atrovirens* Willd. × *S. microcarpus* J.Presl & C.Presl*cespitosus* L.

Tufted bulrush, tufted club-rush, tussock bulrush

★ THREATENED

Scirpus cespitosus L. var. *callosus* Bigelow*cyperinus* (L.) Kunth

Wool-grass

Scirpus cyperinus (L.) Kunth var. *pelius* Fernald*cyperinus* (L.) Kunth × *S. pedicellatus* Fernald*georgianus* R.M.Harper

Bristleless dark-green bulrush, Georgia bulrush

★ SPECIAL CONCERN

Scirpus atrovirens Willd. var. *georgianus* (R.M.Harper) Fernald, pro parte*hattorianus* Makino

Early dark-green bulrush, mosquito bulrush

microcarpus J.Presl & C.Presl

Panicked bulrush

Scirpus microcarpus J.Presl & C.Presl var. *rubrotinctus* (Fernald) M.E.Jones*Scirpus rubrotinctus* Fernald*pallidus* (Britton) Fernald

Pale bulrush

★ SPECIAL CONCERN

Scirpus atrovirens Willd. var. *pallidus* Britton*pedicellatus* Fernald

Stalked wool-grass

Scirpus cyperinus (L.) Kunth var. *pedicellatus* (Fernald) Schuyler*pendulus* Muhl.

Rufous bulrush

Scirpus lineatus auct. non Michx.**Scleria Bergius***reticularis* Michx.

Netted nut-rush, reticulated nut-rush

⊕ ENDANGERED

triglomerata Michx.

Stone-rush, tall nut-rush, whip nut-rush, whip-grass

★ SPECIAL CONCERN

verticillata Muhl. ex Willd.

Low nut-rush

★ SPECIAL CONCERN

Trichophorum Pers.*clintonii* (A.Gray) S.G.Sm.

Clinton's bulrush

Scirpus clintonii A.Gray

◆ DIOSCOREACEAE—Yam Family

Dioscorea L.

villosa L.

Colic-root, wild yam

Dioscorea villosa L. var. *hirticaulis* (Bartlett) Ahles

◆ ERIOCAULACEAE—Pipewort Family

Eriocaulon L.

aquaticum (Hill) Druce

Seven-angle pipewort, white buttons

Eriocaulon septangulare With.

◆ GRAMINEAE—See POACEAE

◆ HYDROCHARITACEAE—Frog's-bit Family

Elodea Michx.

canadensis Michx.

Canadian waterweed, common waterweed

nuttallii (Planch.) H.St.John

Free-flowered waterweed, slender waterweed

Vallisneria L.

americana Michx.

American eelgrass, water-celery, wild-celery

◆ IRIDACEAE—Iris Family

Belamcanda Adans.

chinensis (L.) DC.

Blackberry-lily, leopard-flower

INTRODUCED - ESCAPED

Iris L.

germanica L.

Flag, fleur-de-lys, German iris

INTRODUCED - RARELY ESCAPED

lacustris Nutt.

Dwarf lake iris

★ THREATENED (FEDERALLY THREATENED)

Iris cristata Aiton subsp. *lacustris* (Nutt.) H.H.Iltis

pseudacorus L.

Water flag, yellow flag, yellow iris, yellow water flag

INTRODUCED - RARELY ESCAPED; POTENTIALLY INVASIVE

pumila L.

Dwarf iris

INTRODUCED - RARELY ESCAPED

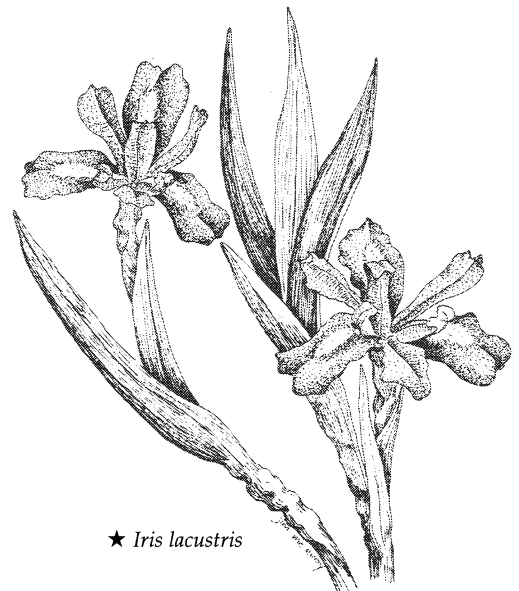
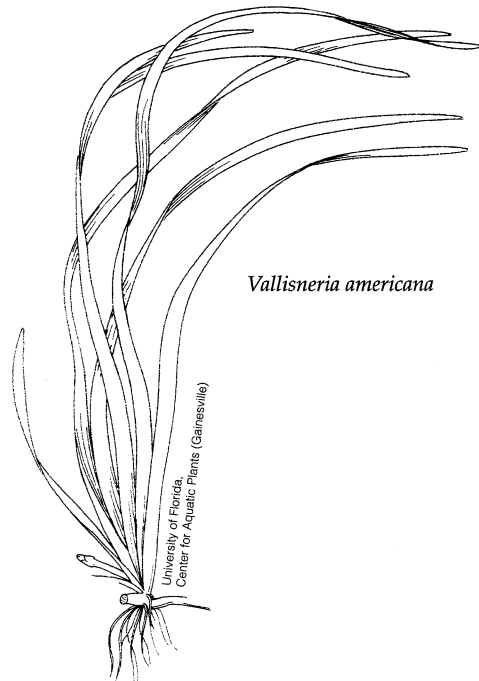
versicolor L.

Harlequin blue flag, northern blue flag

virginica L.

var. *shrevei* (Small) E.S.Anderson

Blue flag, Shreve's iris, southern blue flag, Virginia iris



Sisyrinchium* L.**albidum* Raf.**

Common blue-eyed-grass, pale blue-eyed-grass, white blue-eyed-grass

Sisyrinchium hastile E.P.Bicknell, pro parte***angustifolium* Mill.**

Narrow-leaved blue-eyed-grass, pointed blue-eyed-grass, stout blue-eyed-grass

★ SPECIAL CONCERN

***atlanticum* E.P.Bicknell**

Eastern blue-eyed-grass

***campestre* E.P.Bicknell**

Prairie blue-eyed-grass

montanum* Greene*subsp. *crebrum* (Fernald) Böcher**

Mountain blue-eyed-grass, strict blue-eyed grass

Sisyrinchium montanum Greene var. *crebrum* Fernald**subsp. *montanum***

Mountain blue-eyed-grass, strict blue-eyed grass

***mucronatum* Michx.**

Needle-tip blue-eyed-grass

***strictum* E.P.Bicknell**

Mountain blue-eyed-grass

◆ **JUNCACEAE—Rush Family*****Juncus* L.*****acuminatus* Michx.**

Sharp-fruited rush, taper-tip rush, tufted rush

alpinoarticulatus* Chaix*subsp. *nodulosus* (Wahlenb.) Hämet-Ahti**

Northern green rush

Juncus alpinoarticulatus Chaix subsp. *americanus* (Farw.) Hämet-Ahti*Juncus alpinoarticulatus* Chaix subsp. *fuscescens* (Fernald) Hämet-Ahti*Juncus alpinus* auct. non Vill.*Juncus alpinus* Vill. var. *rariflorus* auct. non Hartm.***anthelatus* (Wiegand) R.E.Brooks***Juncus tenuis* Willd. f. *anthelatus* (Wiegand) F.J.Herm.*Juncus tenuis* Willd. var. *anthelatus* Wiegand***arcticus* Willd.****subsp. *littoralis* (Engelm.) Hultén**

Arctic rush, Baltic rush, wire rush

Juncus arcticus Willd. var. *littoralis* (Engelm.) B.Boivin*Juncus balticus* auct. Amer. non Willd.*Juncus balticus* Willd. var. *littoralis* Engelm.*Juncus balticus* Willd. var. *littoralis* Engelm. f. *dissitiflorus* Engelm. ex Fernald & Wiegand***articulatus* L.**

Jointed rush

INTRODUCED - NATURALIZED

***brachycephalus* (Engelm.) Buchenau**

Short-headed rush, small-headed rush

***brevicaudatus* (Engelm.) Fernald**

Narrow-panicle rush

***bufonius* L.**

Toad rush

***canadensis* J.Gay ex Laharpe**

Canadian rush

***compressus* Jacq.**

Round-fruited rush
INTRODUCED - LOCALLY ESTABLISHED

***dudleyi* Wiegand**

Dudley's rush
Juncus tenuis Willd. var. *dudleyi* (Wiegand) F.J.Herm.

***effusus* L.**

var. *effusus*

Common rush, soft rush
INTRODUCED - LOCALLY ESTABLISHED
Juncus effusus L. var. *compactus* Lej. & Courtois

var. *pylaei* (Laharpe) Fernald & Wiegand

Common rush
Juncus effusus L. var. *decipiens* auct. Amer. non Buchenau
Juncus pylaei Laharpe

var. *solutus* Fernald & Wiegand

Lamp rush

***ensifolius* Wikstr.**

var. *ensifolius*

Sword-leaf rush
INTRODUCED - LOCALLY ESTABLISHED
Juncus xiphioides E.Mey. var. *triandrus* Engelm.

***filiformis* L.**

Thread rush

***gerardii* Loisel.**

Black-grass, salt-meadow rush
INTRODUCED - ADVENTIVE

***greenei* Oakes & Tuck.**

Greene's rush

***interior* Wiegand**

Inland rush

***marginatus* Rostk.**

Grass-leaved rush
★ SPECIAL CONCERN

Juncus marginatus Rostk. var. *setosus* Coville

***nodosus* L.**

Joint rush, jointed rush, knotted rush

***pelocarpus* E.Mey.**

Brown-fruited rush

***squarrosus* L.**

Mosquito rush
INTRODUCED - LOCALLY ESTABLISHED

***stygius* L.**

☠ ENDANGERED

subsp. *americanus* (Buchenau) Hultén

Bog rush, moor rush
Juncus stygius L. var. *americanus* Buchenau

***tenuis* Willd.**

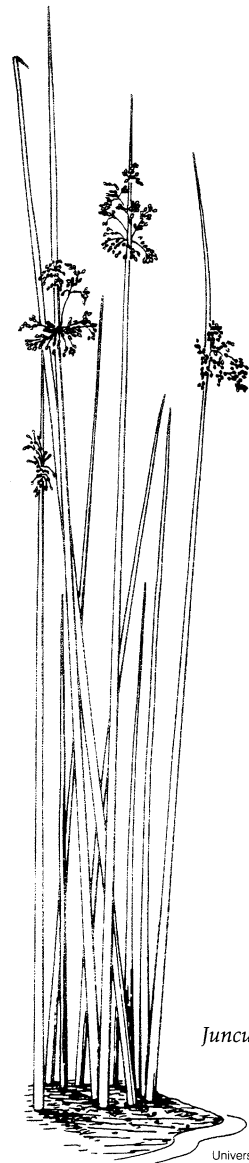
Path rush, poverty rush, roadside rush
Juncus tenuis Willd. f. *williamsii* (Fernald) F.J.Herm.
Juncus tenuis Willd. var. *williamsii* Fernald

***torreyi* Coville**

Torrey's rush

***vaseyi* Engelm.**

Vasey's rush
★ SPECIAL CONCERN



Juncus effusus

- × *gracilescens* F.J.Herm. ex Wadmond
 = *J. alpinoarticulatus* Chaix × *J. brevicaudatus* (Engelm.) Fernald
 × *nodosiformis* Fernald
 = *J. alpinoarticulatus* Chaix × *J. nodosus* L.

Luzula DC.*acuminata* Raf.var. *acuminata*

Hairy wood rush

luzuloides (Lam.) Dandy & Wilmottsubsp. *luzuloides*

European wood rush, oak-forest wood rush

INTRODUCED - ADVENTIVE

multiflora (Retz.) Lej.subsp. *multiflora*

Common wood rush

Luzula campestris (L.) DC. var. *multiflora* (Retz.) Celak.◆ **JUNCAGINACEAE—Arrow-grass Family****Triglochin L.***maritima* L.

Common bog arrow-grass, seaside arrow-grass

★ SPECIAL CONCERN

Triglochin elata Nutt.*palustris* L.

Marsh arrow-grass, slender bog arrow-grass

★ SPECIAL CONCERN

◆ **LEMNACEAE—Duckweed Family****Lemna L.***aequinoctialis* Welw.

Lesser duckweed, three-nerved duckweed

minor L.

Common duckweed, lesser duckweed, small duckweed

obscura (Austin) Daubs

Little duckweed, purple duckweed

perpusilla Torr.

Least duckweed, minute duckweed

trisulca L.

Forked duckweed, star duckweed

turionifera Landolt

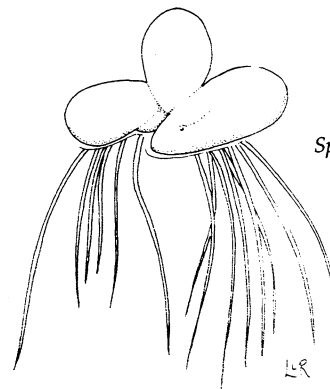
Perennial duckweed, turion duckweed

Spirodela Schleid.*polyrrhiza* (L.) Schleid.

Giant duckweed, greater duckweed

Wolffia Horkel ex Schleid.*borealis* (Engelm. ex Hegelm.) Landolt

Northern water-meal

Wolffia punctata auct. non Griseb.*Spirodela polyrrhiza*

brasiliensis Wedd.

Brazilian water-meal
Wolffia papulifera C.H.Thomps.
Wolffia punctata Griseb.

columbiana H.Karst.

Common water-meal

◆ LILIACEAE—Lily Family

Aletris L.

farinosa L.
White colic-root

Allium L.

canadense L.
var. *canadense*
Meadow garlic, wild garlic, wild onion

cepa L.
Garden onion
INTRODUCED - RARELY ESCAPED

cernuum Roth
Nodding wild onion

sativum L.
Cultivated garlic
INTRODUCED - RARELY ESCAPED

schoenoprasum L.
var. *schoenoprasum*
Chives
INTRODUCED - ESCAPED

stellatum Ker Gawl.
Autumn onion, prairie onion, wild onion

triccoccum Aiton
var. *burdickii* Hanes
Narrow-leaved wild leek, wild leek
Allium burdickii (Hanes) A.G.Jones

var. *triccoccum*
Wild leek

tuberosum Rottler ex Spreng.
Chinese chives
INTRODUCED - RARELY ESCAPED

Asparagus L.

officinalis L.
Asparagus, garden asparagus
INTRODUCED - NATURALIZED

Camassia Lindl.

scilloides (Raf.) Cory
Atlantic camas, eastern camas, wild-hyacinth
✱ ENDANGERED

Clintonia Raf.

borealis (Aiton) Raf.
Yellow blue-bead-lily

Convallaria L.

majalis L.
European lily-of-the-valley, lily-of-the-valley
INTRODUCED - ESCAPED; ECOLOGICALLY INVASIVE



✱ *Camassia scilloides*

Erythronium L.**albidum Nutt.**

Small white fawn-lily, white dog-tooth violet, white trout-lily

americanum Ker Gawl.

American trout-lily, yellow dog-tooth violet, yellow trout-lily

Erythronium americanum Ker Gawl. f. *bachii* (Farw.) Dole

Hemerocallis L.**fulva (L.) L.**

Orange daylily

INTRODUCED - ESCAPED; POTENTIALLY INVASIVE

lilioasphodelus L.

Lemon daylily, yellow daylily

INTRODUCED - RARELY ESCAPED

Hemerocallis flava (L.) L.

Hypoxis L.**hirsuta (L.) Coville**

Common gold-star, common star-grass, yellow star-grass

Lilium L.**lancifolium Thunb.**

Lance-leaf tiger lily

INTRODUCED - ADVENTIVE

Lilium tigrinum Ker Gawl.

michiganense Farw.

Michigan lily, Turk's-cap lily

Lilium canadense L. subsp. *michiganense* (Farw.) B.Boivin & Cody

philadelphicum L.**var. andinum (Nutt.) Ker Gawl.**

Prairie lily, western orange-cup lily, wood lily

var. philadelphicum

Orange-cup lily, wood lily

Maianthemum Weber ex F.H.Wigg.**canadense Desf.****var. canadense**

Canada bead-ruby, Canada mayflower, wild lily-of-the-valley

var. interius Fernald

Canada mayflower, wild lily-of-the-valley

Medeola L.**virginiana L.**

Indian cucumber-root

★ SPECIAL CONCERN

Muscari Mill.**botryoides (L.) Mill.**

Common grape-hyacinth

INTRODUCED - RARELY ESCAPED

neglectum Guss. ex Ten.

Starch grape-hyacinth

INTRODUCED - RARELY ESCAPED

Muscari atlanticum Boiss. & Reut.

Muscari racemosum (L.) Lam. & DC.

Ornithogalum L.**umbellatum L.**

Star-of-Bethlehem, sleepy-dick

INTRODUCED - RARELY ESCAPED; POTENTIALLY INVASIVE



Lilium philadelphicum

***Polygonatum* Mill.**

***biflorum* (Walter) Elliott**

King Solomon's-seal, smooth Solomon's-seal, Solomon's-seal
Polygonatum biflorum (Walter) Elliot var. *commutatum* (Schult.f.) Morong
Polygonatum canaliculatum auct. non (Muhl. ex Willd.) Pursh
Polygonatum commutatum (Schult.f.) A.Dietr.

***pubescens* (Willd.) Pursh**

Downy Solomon's-seal, hairy Solomon's-seal

***Scilla* L.**

***sibirica* Haw. ex Andrews**

Siberian squill, squill
 INTRODUCED - RARELY ESCAPED

***Smilacina* Desf.**

***racemosa* (L.) Desf.**

var. *racemosa*
 False Solomon's-seal, false spikenard
Maianthemum racemosum (L.) Link
Smilacina racemosa (L.) Desf. var. *cylindrata* Fernald

***stellata* (L.) Desf.**

Starry false Solomon's-seal
Maianthemum stellatum (L.) Link

***trifolia* (L.) Desf.**

False mayflower, swamp false Solomon's-seal
Maianthemum trifolium (L.) Sloboda

***Streptopus* Michx.**

***amplexifolius* (L.) DC.**

★ SPECIAL CONCERN

var. ***americanus* Schult.**

Clasp-leaf twisted-stalk, twisted-stalk, white mandarin
Streptopus amplexifolius (L.) DC. var. *denticulatus* Fassett

var. ***roseus* Michx.**

var. ***longipes* (Fernald) Fassett**

Rosy twisted-stalk
Streptopus lanceolatus (Aiton) Reveal var. *longipes* (Fernald) Reveal

***Tofieldia* Huds.**

***glutinosa* (Michx.) Pers.**

★ THREATENED

var. ***glutinosa***

False asphodel, gluten tofieldia, sticky false asphodel

***Trillium* L.**

***cernuum* L.**

var. ***cernuum***

Nodding trillium, whip-poor-will flower

var. ***macranthum* A.J.Eames & Wiegand**

Nodding trillium, whip-poor-will flower

***flexipes* Raf.**

Bent trillium, declined trillium, nodding wake-robin

***grandiflorum* (Michx.) Salisb.**

Big white trillium, large-flowered trillium, snow trillium

***nivale* Riddell**

Dwarf white wake-robin, snow trillium

★ THREATENED

var. ***recurvatum* Beck**

Bloody butcher, red trillium, reflexed trillium

★ SPECIAL CONCERN



Polygonatum biflorum

Uvularia L.

grandiflora Sm.

Large-flowered bellwort

sessilifolia L.

Sessile bellwort, sessile-leaved bellwort

Zigadenus Michx.

elegans Pursh

subsp. *glaucus* (Nutt.) Hultén

Death camas, mountain death camas, white camas

Zigadenus elegans Pursh var. *glaucus* (Nutt.) Preece

Zigadenus glaucus (Nutt.) Nutt.

◆ **NAJADACEAE—Naiad, Water-nymph Family**

Najas L.

flexilis (Willd.) Rostk. & W.L.E.Schmidt

Nodding water-nymph, northern water-nymph, slender naiad

Najas flexilis (Willd.) Rostk. & W.L.E.Schmidt var. *congesta* Farw.

Najas flexilis (Willd.) Rostk. & W.L.E.Schmidt var. *robusta* Morong

gracillima (A.Braun ex Engelm.) Magnus

Slender water-nymph

guadalupensis (Spreng.) Magnus

subsp. *guadalupensis*

Guadalupe water-nymph, southern naiad, southern water-nymph

subsp. *muenscheri* (R.T.Clausen) R.R.Haynes

Muenscher's water-nymph, southern naiad, southern water-nymph

subsp. *olivacea* (Rosend. & Butters) R.R.Haynes & Hellq.

Guadalupe water-nymph, southern naiad, southern water-nymph

Najas guadalupensis (Spreng.) Magnus var. *olivacea* (Rosend. & Butters) R.R.Haynes

Najas olivacea Rosend. & Butters

marina L.

Alkaline water-nymph, spiny naiad

INTRODUCED - NATURALIZED



University of Florida,
Center for Aquatic Plants (Gainesville)

◆ **ORCHIDACEAE—Orchid Family**

Amerorchis Hultén

rotundifolia (Banks ex Pursh) Hultén

Round-leaved orchid, round-leaved orchis

★ THREATENED

Orchis rotundifolia Banks ex Pursh

Aplectrum Torr.

hyemale (Muhl. ex Willd.) Torr.

Adam-and-Eve, putty-root

Arethusa L.

bulbosa L.

Dragon's-mouth, swamp-pink

★ SPECIAL CONCERN

Calopogon R.Br.

oklahomensis D.H.Goldman

Oklahoma grass pink

tuberosus (L.) Britton, Sterns & Poggenb.

var. *tuberosus*

Grass pink, tuberous grass pink

Calypso Salisb.

bulbosa (L.) Oakes

★ THREATENED

var. *americana* (R.Br.) Luer

Calypso orchid, fairy-slipper orchid

Coeloglossum Hartm.

viride (L.) Hartm.

var. *virescens* (Muhl. ex Willd.) Luer

Long-bracted green orchid, frog orchid

Habenaria viridis (L.) R.Br. var. *bracteata* (Muhl. ex Willd.) A.Gray

Corallorhiza Gagnebin

maculata (Raf.) Raf.

Spotted coralroot, summer coralroot

Corallorhiza maculata (Raf.) Raf. f. *flavida* (M.Peck) Farw.

odontorhiza (Willd.) Nutt.

Autumn coralroot, late coralroot

★ SPECIAL CONCERN

striata Lindl.

var. *striata*

Hooded coralroot, striped coralroot

trifida Châtel.

Early coralroot, northern coralroot, yellow coralroot

Corallorhiza trifida Châtel. var. *verna* (Nutt.) Fernald

Cypripedium L.

acaule Aiton

Moccasin-flower, pink lady's-slipper

Cypripedium acaule Aiton f. *albiflorum* E.L.Rand & Redfield

arietinum R.Br.

Ram's-head lady's-slipper

★ THREATENED

candidum Muhl. ex Willd.

Small white lady's-slipper, white lady's-slipper

★ THREATENED

parviflorum Salisb.

Small yellow lady's-slipper

★ SPECIAL CONCERN

var. *makasin* (Farw.) Sheviak

Small yellow lady's-slipper

Cypripedium calceolus L. var. *parviflorum* auct. mult.

var. *pubescens* (Willd.) O.W.Knight

Large yellow lady's-slipper

Cypripedium calceolus L. var. *pubescens* (Willd.) Correll

reginae Walter

Showy lady's-slipper

★ SPECIAL CONCERN

× *andrewsii* A.M.Fuller

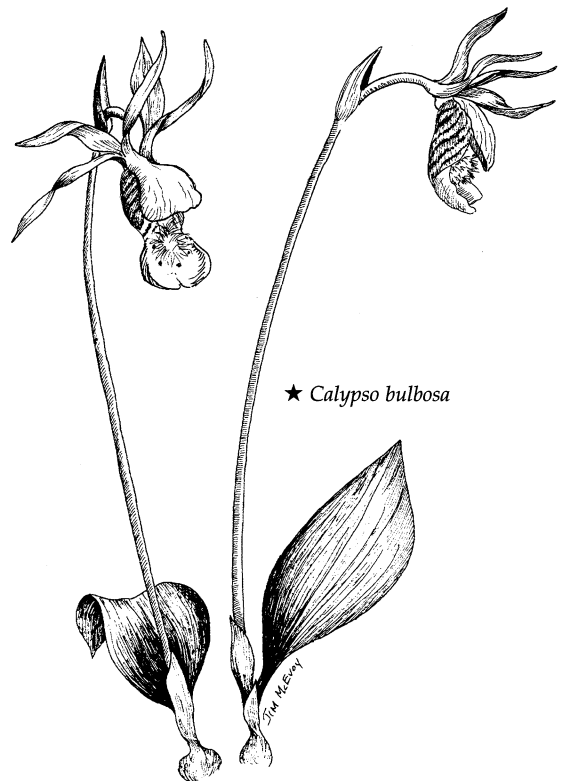
Andrews' lady's-slipper

= *Cypripedium candidum* Muhl. ex Willd. × *C. parviflorum* Salisb. var. *makasin* (Farw.) Sheviak

× *favillianum* J.T.Curtis

Lady's-slipper

= *Cypripedium candidum* Muhl. ex Willd. × *C. parviflorum* Salisb. var. *pubescens* (Willd.) O.W.Knight



Epipactis* Zinnhelleborine* (L.) Crantz

Helleborine, helleborine orchid

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Galearis* Raf.spectabilis* (L.) Raf.

Showy orchis

Orchis spectabilis L.***Goodyera* R.Br.***oblongifolia* Raf.

Giant rattlesnake-plantain, western rattlesnake-plantain

★ SPECIAL CONCERN

pubescens (Willd.) R.Br.

Downy rattlesnake-plantain

repens (L.) R.Br.var. *ophioides* Fernald

Creeping rattlesnake-plantain, lesser rattlesnake-plantain

var. *ophioides* Fernald × *G. tessellata* Lodd.*tesselata* Lodd.

Checkered rattlesnake-plantain, tessellated rattlesnake-plantain

Liparis* Rich.lilifolia* (L.) Rich. ex Lindl.

Brown wide-lip orchid, large twayblade, purple twayblade

loeselii (L.) Rich.

Fen orchid, green twayblade, Loesel's twayblade

Listera* R.Br.auriculata* Wiegand

Auricled twayblade

⊕ ENDANGERED

convallarioides (Sw.) Nutt. ex Elliott

Broad-leaved twayblade

★ THREATENED

cordata (L.) R.Br.

Heart-leaf twayblade

Malaxis* Soland. ex Sw.monophyllos* (L.) Sw.var. *brachypoda* (A.Gray) F.J.A.Morris & Eames

White adder's-mouth

Malaxis brachypoda (A.Gray) Fernald

★ SPECIAL CONCERN - LISTED UNDER THIS SYNONYM BY THE DNR

unifolia Michx.

Green adder's-mouth

Platanthera* Rich.aquilonis* Sheviak

Bog orchid

clavellata (Michx.) Luer

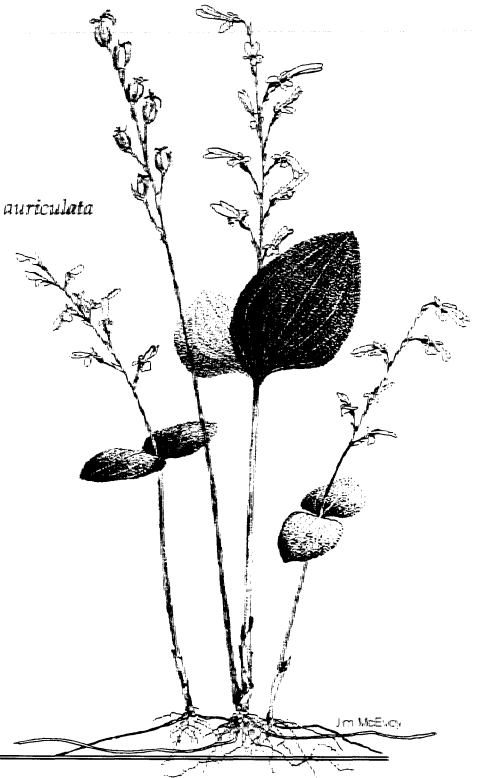
Club-spur orchid, green woodland orchid, small green fringed orchid

Habenaria clavellata (Michx.) Spreng.*dilatata* (Pursh) Lindl. ex Beck

★ SPECIAL CONCERN

var. *dilatata*

Boreal bog orchid, leafy white orchid, scent-bottle, white bog orchid

Habenaria dilatata (Pursh) Hook.⊕ *Listeria auriculata*

dilatata (Pursh) Lindl. ex Beck × *huronensis* (Nutt.) Lindl.

flava (L.) Lindl.

var. *herbiola* (R.Br.) Luer

Pale green orchid, tubercled orchid

★ THREATENED

Habenaria flava (L.) R.Br. ex Spreng. var. *herbiola* (R.Br.) Ames & Correll

hookeri (Torr. ex A.Gray) Lindl.

Hooker's orchid, pad-leaf

★ SPECIAL CONCERN

Habenaria hookeri Torr. ex A.Gray

huronensis (Nutt.) Lindl.

Huron green orchid, tall northern bog orchid

Habenaria hyperborea (L.) R.Br. var. *huronensis* (Nutt.) Farw.

Habenaria × *media* (Rydb.) G.Niles (pro sp.)

Platanthera hyperborea (L.) Lindl. var. *huronensis* (Nutt.) Lindl.

Platanthera × *media* (Rydb.) Luer (pro sp.).

lacera (Michx.) G.Don

Green fringed orchid, ragged fringed orchid

Habenaria lacera (Michx.) Lodd.

leucophaea (Nutt.) Lindl.

Eastern prairie fringed orchid, prairie white fringed orchid

⊛ ENDANGERED (FEDERALLY THREATENED)

Habenaria leucophaea (Nutt.) A.Gray

macrophylla (Goldie) P.M.Brown

Large round-leaved orchid

Habenaria orbiculata (Pursh) Torr. var. *macrophylla* (Goldie) B.Boivin

Platanthera orbiculata var. *macrophylla* (Goldie) Luer

obtusata (Banks ex Pursh) Lindl.

Blunt bog orchid, blunt-leaved orchid

Habenaria obtusata (Banks ex Pursh) Richardson

orbiculata (Pursh) Lindl.

Large round-leaved orchid

★ SPECIAL CONCERN

psycodes (L.) Lindl.

Lesser purple fringed orchid

Habenaria psycodes (L.) Spreng.

× *andrewsii* (M.White) Luer

Andrews' bog orchid

= *Platanthera lacera* (Michx.) G.Don × *P. psycodes* (L.) Lindl.

Habenaria × *andrewsii* M.White

Pogonia Juss.

ophioglossoides (L.) Ker Gawl.

Rose pogonia, snakemouth orchid

Spiranthes Rich.

casei Catling & Cruise

var. *casei*

Case's lady's-tresses

cernua (L.) Rich.

Nodding lady's-tresses

cernua (L.) Rich. × *S. magnicamporum* Sheviak

cernua (L.) Rich. × *S. romanzoffiana* Cham.

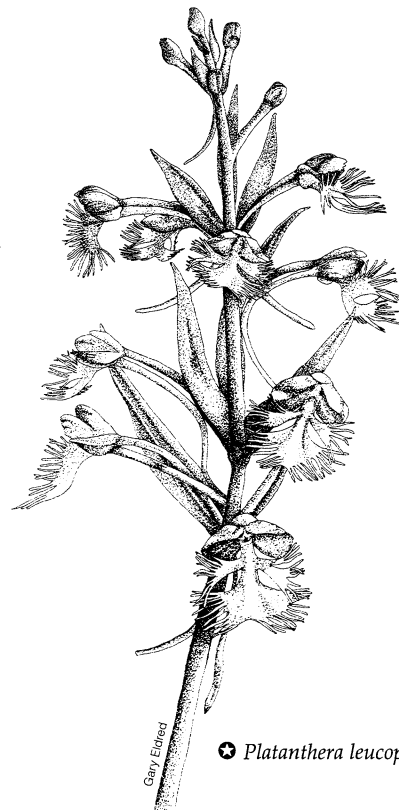
lacera (Raf.) Raf.

var. *gracilis* (Bigelow) Luer

Slender lady's-tresses

var. *lacera*

Northern slender lady's-tresses



⊛ *Platanthera leucophaea*

***magnicamporum* Sheviak**

Great Plains lady's-tresses

ovalis* Lindl.*var. *erostellata* Catling**

October lady's-tresses, oval lady's-tresses

★ SPECIAL CONCERN

***romanzoffiana* Cham.**

Hooded lady's-tresses

× *simpsonii* Catling & Sheviak= *Spiranthes lacera* (Raf.) Raf. var. *lacera* × *S. romanzoffiana* Cham.***Triphora* Nutt.*****trianthophora* (Sw.) Rydb.**

★ SPECIAL CONCERN

subsp. *trianthophora*

Nodding pogonia, three-birds orchid

◆ **POACEAE—Grass Family*****Agropyron* Gaertn.*****desertorum* (Fisch. ex Link) Schult.**

Desert wheat grass

INTRODUCED - ADVENTIVE

Agrostis* L.**gigantea* Roth**

Redtop

INTRODUCED - NATURALIZED

Agrostis alba auct. non L.*Agrostis gigantea* Roth var. *dispar* (Michx.) Philipson*Agrostis gigantea* Roth var. *ramosa* (S.F.Gray) Philipson***hyemalis* (Walter) Britton, Sterns & Poggenb.****var. *hyemalis***

Southern hair grass, tickle grass, winter bent grass

var. *scabra* (Willd.) Blomq.

Rough bent grass, southern hair grass, tickle grass

Agrostis hyemalis (Walter) Britton, Sterns & Poggenb. var. *tenuis* (Tuck.) Gleason*Agrostis scabra* Willd.***perennans* (Walter) Tuck.****var. *perennans***

Autumn bent grass, thin grass, upland bent grass

Agrostis perennans (Walter) Tuck. var. *aestivalis* Vasey***stolonifera* L.****var. *palustris* (Huds.) Farw.**

Creeping bent grass, creeping tickle grass

INTRODUCED - NATURALIZED

Agrostis alba L. var. *palustris* (Huds.) Pers.**var. *stolonifera***

Creeping bent grass, creeping tickle grass

INTRODUCED - NATURALIZED

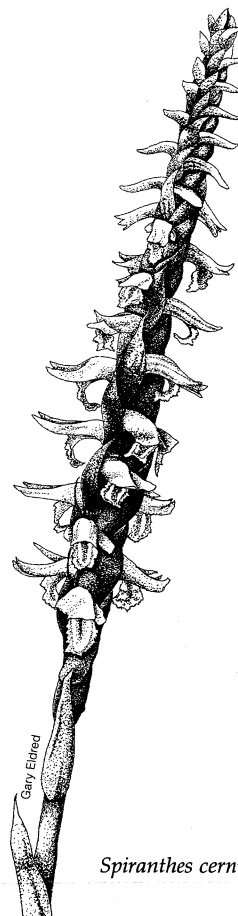
Alopecurus* L.**aequalis* Sobol.**

Short-awned foxtail

***carolinianus* Walter**

Annual foxtail, Carolina foxtail

INTRODUCED - ADVENTIVE

*Spiranthes cernua*

geniculatus L.

Marsh foxtail, water foxtail
INTRODUCED - ADVENTIVE

pratensis L.

Meadow foxtail
INTRODUCED - NATURALIZED

***Ammophila* Host**

breviligulata Fernald

American beach-grass, dune grass, marram grass

***Andropogon* L.**

gerardii Vitman

Big blue-stem, turkey-foot

***Anthoxanthum* L.**

odoratum L.

Sweet vernal grass
INTRODUCED - LOCALLY ESTABLISHED

***Apera* (L.) P.Beauv.**

interrupta (L.) P.Beauv.

Dense silkybent, silky bent grass
INTRODUCED - ADVENTIVE

***Aristida* L.**

basiramea Engelm. ex Vasey

var. *basiramea*

Fork-tip three-awn grass

var. *curtissii* (A.Gray ex S.Watson & J.M.Coult.) Shinnery

Curtiss' three-awn, fork-tip three-awn grass

Aristida dichotoma Michx. var. *curtissii* A.Gray ex S.Watson & J.M.Coult.

dichotoma Michx.

Church-mouse three-awn, poverty grass, Shinnery's three-awn
★ SPECIAL CONCERN

longespica Poir.

var. *geniculata* (Raf.) Fernald

Red three-awn, slender three-awn, slim-spike three-awn grass

Aristida intermedia Scribn. & Ball

Aristida necopina Shinnery

oligantha Michx.

Plains three-awn grass

purpurascens Poir.

Arrow-feather, arrow-feather three-awn

tuberculosa Nutt.

Beach three-awn, dune three-awn grass, seaside three-awn

***Arrhenatherum* P.Beauv.**

elatius (L.) P.Beauv. ex J.Presl & C.Presl

var. *elatius*

Tall oat grass

INTRODUCED - ESCAPED

***Avena* L.**

fatua L.

Wild oats

INTRODUCED - ADVENTIVE



Andropogon gerardii

***sativa* L.**

Oats

INTRODUCED - ESCAPED

Avena fatua L. var. *sativa* (L.) Hausskn.***Beckmannia* Host*****syzigachne* (Steud.) Fernald**

American slough grass

INTRODUCED - NATURALIZED

Beckmannia syzigachne (Steud.) Fernald subsp. *baicalensis* (Kusn.) T.Koyama & Kawano***Bouteloua* Lag.*****curtipendula* (Michx.) Torr.****var. *curtipendula***

Side-oats grama

***gracilis* (Willd. ex Kunth) Lag. ex Griffiths**

Blue grama, graceful grama grass

***hirsuta* Lag.**

Hairy grama, hairy grama grass

Brachyelytrum* P.Beauv.**erectum* (Schreb. ex Spreng.) P.Beauv.****var. *erectum***

Bearded shorthusk, long-awned wood grass

var. *glabratum* (Vasey ex Millsp.) T.Koyama & Kawano

Bearded shorthusk, long-awned wood grass

Brachyelytrum erectum (Schreb. ex Spreng.) P.Beauv. var. *septentrionale* Babel*Brachyelytrum septentrionale* (Babel) G.C.Tucker***Bromus* L.*****altissimus* Pursh**

Ear-leaved brome

Bromus latiglumis (Shear) Hitchc.*Bromus latiglumis* (Shear) Hitchc. f. *incanus* (Shear) Fernald***ciliatus* L.**

Fringed brome

Bromus ciliatus L. f. *denudatus* Wiegand*Bromus ciliatus* L. var. *intonsus* Fernald***commutatus* Schrad.**

European brome, hairy chess, meadow brome

INTRODUCED - ADVENTIVE

***erectus* Huds.**

Erect brome, European brome, smooth brome

INTRODUCED - ADVENTIVE

***hordeaceus* L.**

Soft brome, soft chess

INTRODUCED - ADVENTIVE

Bromus mollis auct. non L.***inermis* Leyss.**

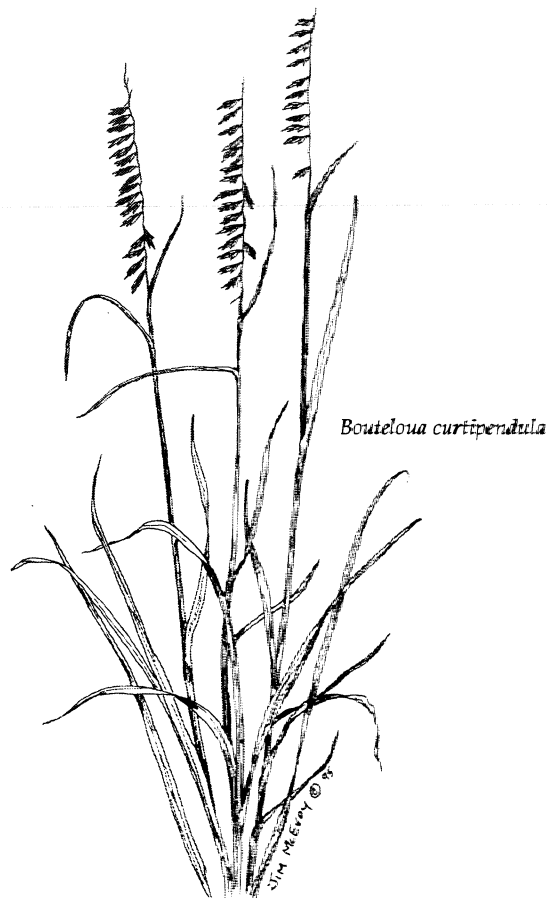
Hungarian brome, smooth brome

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Bromus inermis Leyss. f. *aristatus* (Schur) Fernald*Bromus inermis* Leyss. f. *villosus* (Mert. & W.D.J.Koch) Fernald*Bromus inopinatus* Brues***japonicus* Thunb. ex Murray**

Japanese chess

INTRODUCED - NATURALIZED

Bromus japonicus Thunb. ex Murray var. *porrectus* Hack.*Bouteloua curtipendula*

***kalmii* A.Gray**

Arctic brome, ear-leaved brome, Kalm's brome, prairie brome

Bromus ciliatus L. var. *laeviglumis* Scribn. ex Shear

Bromus purgans L., nom. rejic.

***pubescens* Muhl. ex Willd.**

Canadian brome, hairy woodland brome

Bromus purgans auct. mult. non L.

Bromus purgans L. f. *glabriflorus* Wiegand

Bromus purgans L. f. *laevivaginus* Wiegand

***racemosus* L.**

Bald brome, cheat, smooth chess

INTRODUCED - ADVENTIVE

***secalinus* L.**

Brome grass, cheat, chess, rye brome

INTRODUCED - NATURALIZED

***squarrosus* L.**

Corn brome, downy brome, nodding brome

INTRODUCED - ADVENTIVE

***tectorum* L.**

var. *glabratus* Spenn.

Cheat grass, downy brome, downy chess, June grass

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

var. *tectorum*

Cheat grass, downy brome, downy chess, June grass

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

***Buchloe* Engelm.**

***dactyloides* (Nutt.) Engelm.**

Buffalo grass

INTRODUCED - LOCALLY ESTABLISHED

***Calamagrostis* Adans.**

***canadensis* (Michx.) P.Beauv.**

var. *canadensis*

Big reed grass, blue-joint grass

Calamagrostis canadensis (Michx.) P.Beauv. var. *robusta* Vasey

Calamagrostis canadensis (Michx.) P.Beauv. var. *typica* Stebbins

var. *macouniana* (Vasey) Stebbins

Macoun's blue-joint, Macoun's reed grass

***epigeios* (L.) Roth**

Chee reed grass, feathertop

INTRODUCED - ADVENTIVE

***stricta* (Timm) Koeler**

subsp. *inexpansa* (A.Gray) C.W.Greene

New England northern reed grass, northern reed grass, slim-stem reed grass

★ SPECIAL CONCERN

Calamagrostis inexpansa A.Gray

Calamagrostis inexpansa A.Gray var. *brevior* (Vasey) Stebbins

Calamagrostis lacustris (Kearney) Nash

subsp. *stricta* var. *stricta*

Slim-stem reed grass, slim-stem small reed grass

★ SPECIAL CONCERN

Calamagrostis neglecta Gaertn., B.Mey. & Scherb.

Calamagrostis neglecta Gaertn., B.Mey. & Scherb. var. *micrantha* (Kearney) Stebbins

***Calamovilfa* (A.Gray) Hack. ex Scribn. & Southworth**

***longifolia* (Hook.) Scribn.**

var. *longifolia*

Prairie sand-reed



★ *Calamovilfa longifolia*

var. magna Scribn. & Merr.

Prairie sand-reed, sand-reed grass

★ THREATENED

Catabrosa P.Beauv.**aquatica** (L.) P.Beauv.

Brook grass, water whorl-grass

⊕ ENDANGERED

Catabrosa aquatica (L.) P.Beauv. var. *uniflora* S.F.Gray**Cenchrus** L.**longispinus** (Hack.) Fernald

Field sandbur, innocent-weed, sandbur

Chasmanthium Link**latifolium** (Michx.) H.O.Yates

Indian wood oats, wild oats

INTRODUCED - ADVENTIVE

Uniola latifolia Michx.**Cinna** L.**arundinacea** L.

Common wood-reed, sweet wood-reed, stout wood-reed

latifolia (Trevir. ex Göpp.) Griseb.

Drooping wood-reed

Crypsis Aiton**schoenoides** (L.) Lam.

False-timothy, pickle grass

INTRODUCED - ADVENTIVE

Heleochloa schoenoides (L.) Host ex Roem.**Cynosurus** L.**cristatus** L.

Crested dog's-tail grass, dog's-tail

INTRODUCED - ADVENTIVE

Dactylis L.**glomerata** L.

Orchard grass

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

Danthonia DC.**spicata** (L.) P.Beauv. ex Roem. & Schult.

Poverty danthonia, poverty grass, poverty oat grass

Danthonia spicata (L.) P.Beauv. ex Roem. & Schult. var. *pinetorum* Piper**Deschampsia** P.Beauv.**cespitosa** (L.) P.Beauv.

★ SPECIAL CONCERN

subsp. cespitosa

Small-flowered tickle grass, tufted hair grass

Deschampsia cespitosa (L.) P.Beauv. var. *genuina* Gren. & Godr.**subsp. glauca** (Hartm.) Hartm.

Tufted hair grass

Deschampsia cespitosa (L.) P.Beauv. var. *glauca* (Hartm.) Lindm., non Regel**subsp. parviflora** (Thuill.) Jarm. & Soó

Tufted hair grass

INTRODUCED - ADVENTIVE

Deschampsia cespitosa (L.) P.Beauv. var. *parviflora* (Thuill.) Coss. & Germ.⊕ *Catabrosa aquatica*

Jim McEvoy

flexuosa (L.) Trin.

Crinkled hair grass, wavy hair grass
★ SPECIAL CONCERN

***Diarrhena* P.Beauv.**

***obovata* (Gleason) Brandenb.**

Obovate beak grain
Diarrhena americana P.Beauv. var. *obovata* Gleason

***Digitaria* Haller**

***cognata* (Schult.) Pilg.**

var. *cognata*
Fall witch grass
Leptoloma cognatum (Schult.) Chase

***ischaemum* (Schreb. ex Schweigg.) Schreb. ex Muhl.**

Smooth crabgrass
INTRODUCED - NATURALIZED

***sanguinalis* (L.) Scop.**

Hairy crabgrass, northern crabgrass
INTRODUCED - NATURALIZED

***Distichlis* Raf.**

***spicata* (L.) Greene**

var. *stricta* (Torr.) Beetle
Alkali grass, desert salt grass, inland salt grass, spike grass
INTRODUCED - ADVENTIVE
Distichlis stricta (Torr.) Rydb.

***Echinochloa* P.Beauv.**

***crusgalli* (L.) P.Beauv.**

subsp. *crusgalli*
Barnyard grass, large barnyard grass
INTRODUCED - NATURALIZED
Echinochloa crusgalli (L.) P.Beauv. f. *longiseta* (Trin.) Farw.

subsp. *edulis* Hitchc.

Japanese millet
INTRODUCED - ESCAPED
Echinochloa crusgalli (L.) P.Beauv. var. *frumentacea* (Link) W.Wight
Echinochloa frumentacea Link

***muricata* (P.Beauv.) Fernald**

var. *microstachya* Wiegand
Rough barnyard grass
Echinochloa muricata (P.Beauv.) Fernald var. *wiegandii* Fassett
Echinochloa pungens (Poir.) Rydb. var. *microstachya* (Wiegand) Fernald & Griscom
Echinochloa pungens (Poir.) Rydb. var. *wiegandii* Fassett

var. *muricata*

Barnyard grass, cockspur grass, rough barnyard grass
Echinochloa pungens (Poir.) Rydb.

***walteri* (Pursh) A.Heller**

Salt-marsh cockspur grass, water-millet
Echinochloa walteri (Pursh) A.Heller f. *laevigata* Wiegand

***Eleusine* Gaertn.**

***indica* (L.) Gaertn.**

Crowfoot grass, Indian goose grass, yard grass
INTRODUCED - NATURALIZED

***Elymus* L.**

***canadensis* L.**

Canada wild-rye
Elymus canadensis L. f. *glaucifolius* (Muhl.) Fernald

***diversiglumis* Scribn. & Ball**

Minnesota wild-rye, unequal-glumed wild-rye

Elymus interruptus auct. Amer. non Buckley***hystrix* L.****var. *bigeloviana* (Fernald) Bowden**

Bigelow's bottlebrush grass, eastern bottlebrush grass

Hystrix patula Moench var. *bigeloviana* (Fernald) Deam**var. *hystrix***

Bottlebrush grass, eastern bottlebrush grass, glumeless wild-rye

Hystrix patula Moench***riparius* Wiegand**

Riverbank wild-rye, streambank wild-rye

sp. nov. aff. E. glabriflorus* L.**submuticus* (Hook.) Smyth**

Awnless wild-rye

Elymus virginicus L. var. *submuticus* Hook.***trachycaulus* (Link) Gould ex Shinners****subsp. *subsecundus* (Link) A.Löve & D.Löve**

Bearded wheat grass, slender wheat grass

Agropyron subsecundum (Link) Hitchc.*Agropyron trachycaulum* (Link) Malte ex H.F.Lewis var. *glaucum* (Pease & A.H.Moore) Malte*Agropyron trachycaulum* (Link) Malte ex H.F.Lewis var. *unilaterale* (Cassidy) Malte**subsp. *trachycaulus***

Slender wheat grass

Agropyron trachycaulum (Link) Malte ex H.F.Lewis*Agropyron trachycaulum* (Link) Malte ex H.F.Lewis var. *majus* (Vasey) Fernald*Agropyron trachycaulum* (Link) Malte ex H.F.Lewis var. *novae-angliae* (Scribn.) Fernald***villosus* Muhl. ex Willd.****var. *villosus***

Downy wild-rye, hairy wild-rye, silky wild-rye

virginicus* L.*var. *virginicus***

Common eastern wild-rye, Virginia wild-rye

Elymus virginicus L. var. *glabriflorus* (Vasey) Bush*Elymus virginicus* L. var. *intermedius* (Vasey) Bush*Elymus virginicus* L. var. *jejunus* (Ramaley) Bush*Elymus virginicus* L. var. *typicus* Fernald*Elymus virginicus* L. var. *typicus* Fernald f. *hirsutiglumis* (Scribn.) Fernald***wiegandii* Fernald**

Broad-leaved wild-rye, northern riverbank wild-rye

Elymus canadensis L. var. *wiegandii* (Fernald) Bowden**× *ebingeri* G.C.Tucker**

Ebinger's wild-rye

= *Elymus hystrix* L. × *E. virginicus* L.**× *maltei* Bowden**= *Elymus canadensis* L. × *E. virginicus* L.***Elytrigia* Desv.*****dasystachya* (Hook.) A.Löve & D.Löve****subsp. *dasystachya***

Thick-spike wheat grass

INTRODUCED - ADVENTIVE

Agropyron dasystachyum (Hook.) Scribn.*Elymus lanceolatus* (Scribn. & J.G.Sm.) Gould**subsp. *psammophila* (J.M.Gillett & Senn) Dewey**

Streambank wheat grass, thick-spike wheat grass

Elymus lanceolatus (Scribn. & J.G.Sm.) Gould subsp. *psammophilus* (J.M.Gillett & Senn) A.Löve

★ THREATENED - LISTED UNDER THIS SYNONYM BY THE DNR

Elytrigia dasystachya (Hook.) A.Löve & D.Löve var. *psammophila* (J.M.Gillett & Senn) Cronquist

repens (L.) Desv. ex B.D.Jacks.

Couchgrass, creeping quackgrass, quackgrass

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

Agropyron repens (L.) P.Beauv.

Agropyron repens (L.) P.Beauv. var. *repens* f. *aristatum* (Schumach.) Holmb.

Agropyron repens (L.) P.Beauv. var. *repens* f. *pilosum* (Scribn.) Fernald

Agropyron repens (L.) P.Beauv. var. *repens* f. *trichorrhachis* Rohlena

Agropyron repens (L.) P.Beauv. var. *subulatum* (Schreb.) Roem. & Schult.

Agropyron repens (L.) P.Beauv. var. *subulatum* (Schreb.) Roem. & Schult. f. *heberhachis* Fernald

Agropyron repens (L.) P.Beauv. var. *subulatum* (Schreb.) Roem. & Schult. f. *setiferum* Fernald

Agropyron repens (L.) P.Beauv. var. *subulatum* (Schreb.) Roem. & Schult. f. *subulatum*

Agropyron repens (L.) P.Beauv. var. *subulatum* (Schreb.) Roem. & Schult. f. *vaillantianum* (Wulfen & Schreb.) Fernald

Elytrigia repens (L.) Desv. ex B.D.Jacks. var. *vaillantiana* (Wulfen & Schreb.) Prokudin

smithii (Rydb.) Nevski

Western wheat grass

INTRODUCED - NATURALIZED

Agropyron smithii Rydb.

Agropyron smithii Rydb. var. *molle* (Scribn. & J.G.Sm.) M.E.Jones

Agropyron smithii Rydb. var. *palmeri* (Scribn. & J.G.Sm.) A.Heller

Pascopyrum smithii (Rydb.) A.Löve

Eragrostis Wolf

capillaris (L.) Nees

Lace grass

cilianensis (All.) Vignolo ex Janch.

Stink grass

INTRODUCED - NATURALIZED

Eragrostis megastachya (Koeler) Link

frankii C.A.Mey. ex Steud.

Sandbar love grass

Eragrostis frankii C.A.Mey. ex Steud. var. *brevipes* Fassett

hypnoides (Lam.) Britton, Sterns & Poggenb.

Creeping love grass, teal love grass

mexicana (Hornem.) Link

subsp. mexicana

Mexico love grass, New Mexico love grass

INTRODUCED - ADVENTIVE

Eragrostis neomexicana Vasey

minor Host

Little love grass

INTRODUCED - NATURALIZED

Eragrostis poaeoides P.Beauv.

pectinacea (Michx.) Nees ex Steud.

var. pectinacea

Carolina love grass, low love grass, small love grass, tufted love grass

pilosa (L.) P.Beauv.

var. pilosa

Indian love grass

INTRODUCED - ADVENTIVE

Eragrostis multicaulis Steud.

spectabilis (Pursh) Steud.

Purple love grass, tumble grass

Eragrostis spectabilis (Pursh) Steud. var. *sparsihirsuta* Farw.

trichodes (Nutt.) A.W.Wood

Sand love grass, tall love grass

INTRODUCED - ADVENTIVE

Eriochloa Kunth***villosa* (Thunb.) Kunth**

Chinese cup grass, hairy cup grass, woolly cup grass

INTRODUCED - ADVENTIVE

Festuca L.***arundinacea* Schreb.**

Reed fescue, rye grass, tall fescue

INTRODUCED - LOCALLY ESTABLISHED; POTENTIALLY INVASIVE

Festuca elatior L. var. *arundinacea* (Schreb.) Wimm.*Lolium arundinaceum* (Schreb.) Darbysh.***diffusa* Dumort.**

Spreading fescue

INTRODUCED - ADVENTIVE

***occidentalis* Hook.**

Western fescue

★ THREATENED

***paradoxa* Desv.**

Cluster fescue

★ SPECIAL CONCERN

***pratensis* Huds.**

Meadow fescue, meadow rye grass, rye grass

INTRODUCED - NATURALIZED

Festuca elatior L., pro parte*Lolium pratense* (Huds.) Darbysh.***rubra* L.****subsp. *fallax* (Thuill.) Hayek**

Chewing's fescue, red fescue

INTRODUCED - ADVENTIVE

Festuca rubra L. var. *commutata* Gaudin**subsp. *rubra***

Red fescue

INTRODUCED - NATURALIZED

Festuca rubra L. f. *squarrosa* (Fries) Holmb.***saximontana* Rydb.****subsp. *saximontana***

Rocky Mountain fescue

Festuca brachyphylla Schult. ex Schult. & Schult.f. var. *rydbergii* (St.-Yves) Cronquist***subverticillata* (Pers.) E.B.Alexeev**

Nodding fescue

Festuca obtusa Biehler***trachyphylla* (Hack.) Krajina**

Hard fescue, sheep fescue

INTRODUCED - NATURALIZED

Festuca longifolia auct. non Thuill.*Festuca ovina* L. var. *duriuscula* auct. non (L.) Koch**Glyceria R.Br.*****borealis* (Nash) Batch.**

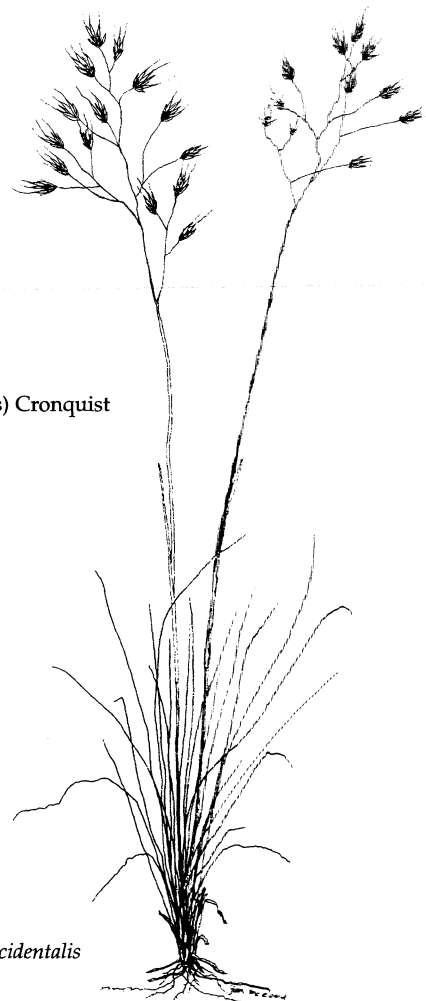
Northern manna grass

***canadensis* (Michx.) Trin.**

Rattlesnake grass, rattlesnake manna grass

***grandis* S.Watson**

American manna grass, reed manna grass

Glyceria grandis S.Watson f. *pallescens* Fernald★ *Festuca occidentalis*

***maxima* (Hartm.) Holmb.**

English water grass, reed manna grass, tall manna grass

INTRODUCED - ADVENTIVE

Glyceria spectabilis Mert. & W.D.J.Koch

***septentrionalis* Hitchc.**

Eastern manna grass, floating manna grass

***striata* (Lam.) Hitchc.**

Fowl manna grass, fowl meadow grass

Glyceria striata (Lam.) Hitchc. var. *stricta* (Scribn.) Fernald

***Hierochloa* R.Br.**

***hirta* (Schrank) Borbás**

subsp. *arctica* (J.Presl) G.Weim.

Northern sweet grass, vanilla grass

Hierochloa odorata auct. non (L.) P.Beauv.

***Holcus* L.**

***lanatus* L.**

Velvet grass

INTRODUCED - LOCALLY ESTABLISHED

***Hordeum* L.**

***jubatum* L.**

Foxtail barley, squirrel-tail grass

***pusillum* Nutt.**

Little barley

INTRODUCED - ADVENTIVE

***vulgare* L.**

Common barley

INTRODUCED - ADVENTIVE

***Koeleria* Pers.**

***macrantha* (Ledeb.) Schult.**

June grass, prairie June grass

Koeleria cristata auct. pro parte, non Pers.

Koeleria pyramidata auct. pro parte, non (Lam.) P.Beauv.

***Leersia* Sw.**

***lenticularis* Michx.**

Catchfly grass

***oryzoides* (L.) Sw.**

Rice cut grass

Leersia oryzoides (L.) Sw. f. *glabra* A.A.Eaton

Leersia oryzoides (L.) Sw. f. *inclusa* (Wiesb.) Dörfl.

***virginica* Willd.**

White grass

***Leptochloa* P.Beauv.**

***fascicularis* (Lam.) A.Gray**

var. *acuminata* (Nash) Gleason

Bearded sprangle-top

INTRODUCED - ADVENTIVE

Diplachne acuminata Nash

***Leymus* Hochst.**

***arenarius* (L.) Hochst.**

Lyme grass, sand rye grass

INTRODUCED - LOCALLY ESTABLISHED

Elymus arenarius L.

Lolium L.*perenne* L.subsp. *multiflorum* (Lam.) Husn.

Italian rye grass

INTRODUCED - ESCAPED

Lolium multiflorum Lam.subsp. *perenne*

English rye grass, perennial rye grass

INTRODUCED - ESCAPED

Lolium perenne L. var. *aristatum* Willd.**Melica L.***nitens* (Scribn.) Nutt. ex Piper

Tall melic grass, three-flowered melic grass

★ SPECIAL CONCERN

smithii (Porter ex A.Gray) Vasey

Smith's melic grass

✪ ENDANGERED

Milium L.*effusum* L.

American millet grass, wood millet

Milium effusum L. var. *cisatlanticum* Fernald**Miscanthus Andersson***sacchariflorus* (Maxim.) Hack.

Amur silver grass, Japanese plume grass

INTRODUCED - ESCAPED

Molinia Schrank*caerulea* (L.) Moench

Purple moor grass

INTRODUCED - LOCALLY ESTABLISHED

Muhlenbergia Schreb.*asperifolia* (Nees & Meyen ex Trin.) Parodi

Alkali muhly, scratch grass

INTRODUCED - ADVENTIVE

cuspidata (Torr. ex Hook.) Rydb.

Plains muhly, prairie muhly, prairie satin grass

frondosa (Poir.) Fernald

Common satin grass, wire-stem muhly

Muhlenbergia frondosa (Poir.) Fernald f. *commutata* (Scribn.) Fernald*glomerata* (Willd.) Trin.

Marsh muhly, marsh wild-timothy, spiked muhly

Muhlenbergia glomerata (Willd.) Trin. var. *cinnoides* (Link) F.J.Herm.*mexicana* (L.) Trin.

Leafy satin grass, Mexican muhly, wire-stem muhly

Muhlenbergia mexicana (L.) Trin. f. *ambigua* (Torr.) Fernald*Muhlenbergia mexicana* (L.) Trin. f. *setiglumis* (S.Watson) Fernald*racemosa* (Michx.) Britton, Sterns & Poggenb.

Upland wild-timothy

richardsonis (Trin.) Rydb.

Mat muhly, soft-leaf muhly

✪ ENDANGERED

schreberi J.F.Gmel.

Nimble-will muhly

✪ *Melica smithii*

sobolifera (Muhl. ex Willd.) Trin.

Creeping muhly, rock muhly, rock satin grass

sylvatica (Torr.) Torr. ex A.Gray

var. *sylvatica*

Forest muhly, woodland drop-seed, woodland satin grass

tenuiflora (Willd.) Britton, Sterns & Poggenb.

var. *tenuiflora*

Slender muhly, slender satin grass, woodland drop-seed

uniflora (Muhl.) Fernald

Bog muhly, one-flowered satin grass

Oryzopsis Michx.

asperifolia Michx.

Rough-leaved rice grass

canadensis (Poir.) Torr.

Canada mountain rice grass, Canadian rice grass

★ SPECIAL CONCERN

pungens (Torr. ex Spreng.) Hitchc.

Mountain rice grass, short-horned rice grass

racemosa (Sm.) Ricker ex Hitchc.

Black-seeded rice grass

Panicum L.

acuminatum Sw.

var. *fasciculatum* (Torr.) Lelong

Western panic grass

Dichantherium acuminatum (Sw.) Gould & C.A.Clark var. *fasciculatum* (Torr.) Freckmann

Dichantherium acuminatum (Sw.) Gould & C.A.Clark var. *implicatum* (Scribn.) Gould & C.A.Clark

Panicum implicatum Scribn.

Panicum lanuginosum Elliott, non Bosc ex Spreng. var. *fasciculatum* (Torr.) Fernald

Panicum lanuginosum Elliott, non Bosc ex Spreng. var. *implicatum* (Scribn.) Fernald

var. *lindheimeri* (Nash) Lelong

Lindheimer's panic grass

Dichantherium acuminatum (Sw.) Gould & C.A.Clark var. *lindheimeri* (Nash) Gould & C.A.Clark

Dichantherium lanuginosum (Elliott) Gould var. *lindheimeri* (Nash) Fernald

Panicum lanuginosum Elliott, non Bosc ex Spreng. var. *lindheimeri* (Nash) Fernald

Panicum lanuginosum Elliott, non Bosc ex Spreng. var. *septentrionale* (Fernald) Fernald

Panicum lindheimeri Nash

acuminatum Sw. × *P. boreale* Nash

acuminatum Sw. × *P. columbianum* Scribn.

acuminatum Sw. × *P. depauperatum* Muhl.

acuminatum Sw. × *P. xanthophysum* A.Gray

boreale Nash

Northern panic grass

Dichantherium boreale (Nash) Freckmann

Panicum boreale Nash var. *michiganense* Farw.

Panicum calliphylllum Ashe

capillare L.

Common witch grass, old-witch grass, witch grass

Panicum capillare L. var. *occidentale* Rydb.

Panicum gattingeri Nash

columbianum Scribn.

Hemlock panic grass

Dichantherium sabulorum (Lam.) Gould & C.A.Clark var. *thinium* (Hitchc. & Chase) Gould & C.A.Clark

columbianum Scribn. × *P. depauperatum* Muhl.

columbianum Scribn. × *P. oligosanthos* Schult. var. *scribnerianum* (Nash) Fernald

commonsianum Ashe**var. euclamydeum** (Shinners) R.W.Pohl

Common's panic grass

Dichanthelium sabulorum (Lam.) Gould & C.A.Clark var. *patulum* (Scribn. & Merr.) Gould & C.A.Clark**depauperatum** Muhl.

Poverty panic grass, starved panic grass

Dichanthelium depauperatum (Muhl.) Gould*Panicum depauperatum* Muhl. var. *involutum* (Torr.) A.W.Wood*Panicum depauperatum* Muhl. var. *psilophyllum* Fernald**depauperatum** Muhl. × *P. perlongum* Nash**dichotomiflorum** Michx.**var. dichotomiflorum**

Fall panic grass, knee grass

Panicum dichotomiflorum Michx. var. *geniculatum* (A.W.Wood) Fernald**dichotomum** L.

Forked panic grass

INTRODUCED - ADVENTIVE

Dichanthelium dichotomum (L.) Gould*Panicum dichotomum* L. var. *barbulatum* (Michx.) A.W.Wood*Panicum lucidum* Ashe*Panicum microcarpon* Muhl. ex Elliott, non Muhl.**flexile** (Gatt.) Scribn.

Wiry panic grass, wiry witch grass

latifolium L.

Broad-leaved panic grass

Dichanthelium latifolium (L.) Gould & C.A.Clark**leibergii** (Vasey) Scribn.

Leiberg's panic grass, prairie panic grass

Dichanthelium leibergii (Vasey) Freckmann**linearifolium** Scribn.

Slender-leaved panic grass

Dichanthelium linearifolium (Scribn.) Gould*Panicum linearifolium* Scribn. var. *wernerii* (Scribn.) Fernald**meridionale** Ashe

Mat panic grass

Dichanthelium meridionale (Ashe) Freckmann*Panicum leucothrix* Nash, sensu Gleason & Cronquist (1991)*Panicum meridionale* Ashe var. *albemarlense* (Ashe) Fernald**miliaceum** L.**subsp. miliaceum**

Broom-corn millet, proso millet, wild proso millet

INTRODUCED - ESCAPED

subsp. ruderale (Kitag.) Tzvelev

Broom-corn millet

INTRODUCED - NATURALIZED

oligosanthes Schult.**var. scribnerianum** (Nash) Fernald

Few-flowered panic grass, Scribner's panic grass, Scribner's rosette grass

Dichanthelium oligosanthes (Schult.) Gould var. *scribnerianum* (Nash) Gould**var. scribnerianum** (Nash) Fernald × *P. praecocius* Hitchc. & Chase**perlongum** Nash

Long-stalked panic grass

Dichanthelium perlongum (Nash) Freckmann**philadelphicum** Bernh. ex Trin.

Philadelphia panic grass

Panicum philadelphicum Bernh. ex Trin. var. *tuckermanii* (Fernald) Steyererm. & Schmol*Panicum tuckermanii* Fernald

***praecocius* Hitchc. & Chase**

Dichantherium villosissimum (Nash) Freckmann var. *praecocius* (Hitchc. & Chase) Freckmann

Panicum lanuginosum Elliott, non Bosc ex Spreng. var. *praecocius* (Hitchc. & Chase) McNeill & Dore

***rigidulum* Bosc ex Nees**

var. *rigidulum*

Red-top panic grass

INTRODUCED - ADVENTIVE

Panicum agrostoides Spreng.

***villosissimum* Nash**

White-haired panic grass

Dichantherium villosissimum (Nash) Freckmann

Panicum subvillosum Ashe

Panicum villosissimum Nash var. *pseudopubescens* (Nash) Fernald

***virgatum* L.**

var. *virgatum*

Switch grass

Panicum virgatum L. var. *cubense* Griseb.

***wilcoxianum* Vasey**

Wilcox's panic grass

★ SPECIAL CONCERN

Dichantherium wilcoxianum (Vasey) Freckmann

***xanthophysum* A.Gray**

Slender rosette grass

Dichantherium xanthophysum (A.Gray) Freckmann

× *scoparioides* Ashe

= *Panicum acuminatum* Sw. × *P. oligoanthes* Schult. var. *scribnerianum* (Nash) Fernald

***Paspalum* L.**

***setaceum* Michx.**

var. *muhlenbergii* (Nash) D.J.Banks

Hairy bead grass, hairy lens grass, Muhlenberg's hairy bead grass, thin paspalum

Paspalum ciliatifolium Michx. var. *muhlenbergii* (Nash) Fernald

var. *stramineum* (Nash) D.J.Banks

Downy lens grass, hairy bead grass, straw-colored hairy bead grass

Paspalum ciliatifolium Michx. var. *stramineum* (Nash) Fernald

***Pennisetum* Rich. ex Pers.**

***glaucum* (L.) R.Br.**

Pearl millet

INTRODUCED - NATURALIZED

Setaria glauca (L.) P.Beauv.

Setaria lutescens (Weigel) F.T.Hubb.

***Phalaris* L.**

***arundinacea* L.**

Reed canary grass

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

***canariensis* L.**

Common canary grass

INTRODUCED - ADVENTIVE

***Phleum* L.**

***pratense* L.**

subsp. *pratense*

Common timothy, timothy

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

Phragmites Adans.

australis (Cav.) Trin. ex Steud.

Common reed, common reed grass
 NATIVE - POTENTIALLY INVASIVE

Phragmites communis Trin.

Phragmites communis Trin. var. *berlandieri* (E.Fourn.) Fernald

Poa L.

alsodes A.Gray

Grove bluegrass, woodland bluegrass

annua L.

Annual bluegrass, speargrass
 INTRODUCED - NATURALIZED

bulbosa L.

Bulbous bluegrass
 INTRODUCED - LOCALLY ESTABLISHED

compressa L.

Canada bluegrass, wiregrass
 INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

glauca Vahl

Glaucous bluegrass

interior Rydb.

Inland bluegrass
Poa nemoralis L. var. *interior* (Rydb.) Butters & Abbe
Poa nemoralis L. subsp. *interior* (Rydb.) W.A.Weber

languida Hitchc.

Weak bluegrass

nemoralis L.

Wood bluegrass
 INTRODUCED - NATURALIZED

paludigena Fernald & Wiegand

Bog bluegrass, marsh bluegrass, Patterson's bluegrass
 ★ THREATENED

palustris L.

Fowl meadow grass, marsh bluegrass

pratensis L.

Kentucky bluegrass
 INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

saltuensis Fernald & Wiegand

Woodland bluegrass
Poa saltuensis Fernald & Wiegand var. *microlepis* Fernald & Wiegand

sylvestris A.Gray

Forest bluegrass, woodland bluegrass

trivialis L.

Rough bluegrass
 INTRODUCED - NATURALIZED

wolfii Scribn.

Wolf's bluegrass

Polypogon Desf.

interruptus Kunth

Ditch polypogon
 INTRODUCED - ADVENTIVE



Phragmites australis

University of Florida
 Center for Aquatic Plants (Gainesville)



★ *Poa paludigena*

***Puccinellia* Parl.**

***distans* (Jacq.) Parl.**

subsp. *borealis* (Holmb.) W.E.Hughes

European alkali grass, weeping alkali grass

INTRODUCED - NATURALIZED

Puccinellia distans (Jacq.) Parl. var. *angustifolia* (Blytt) Holmb.

subsp. *distans*

European alkali grass, weeping alkali grass

INTRODUCED - NATURALIZED

Puccinellia distans (Jacq.) Parl. var. *tenuis* (Uechtr.) Fernald & Weath.

***fernaldii* (Hitchc.) E.G.Voss**

Fernald's false manna grass

Glyceria pallida (Torr.) Trin. var. *fernaldii* Hitchc.

Torreyochloa pallida (Torr.) Church var. *fernaldii* (Hitchc.) Dore ex T.Koyama & Kawano

***nutalliana* (Schult.) Hitchc.**

Nuttall's alkali grass

INTRODUCED - ADVENTIVE

***pallida* (Torr.) R.T.Clausen**

Pale false manna grass

Glyceria pallida (Torr.) Trin.

Torreyochloa pallida (Torr.) Church

***Schizachne* Hack.**

***purpurascens* (Torr.) Swallen**

False melic grass

Schizachne purpurascens (Torr.) Swallen var. *pubescens* Dore

***Schizachyrium* Nees**

***scoparium* (Michx.) Nash**

subsp. *divergens* (Hack.) Gandhi & Smeins

Little blue-stem

Andropogon scoparius Michx. var. *divergens* Hack.

Schizachyrium scoparium (Michx.) Nash var. *divergens* (Hack.) Gould

subsp. *scoparium*

Little blue-stem

Andropogon scoparius Michx.

Andropogon scoparius Michx. var. *frequens* F.T.Hubb.

***Secale* L.**

***cereale* L.**

Rye

INTRODUCED - ESCAPED

***Setaria* P.Beauv.**

***faberi* R.A.W.Herm.**

Giant foxtail, Japanese bristle grass, nodding foxtail

INTRODUCED - NATURALIZED

***gussonei* Kerguélen**

Bristle grass

INTRODUCED - ADVENTIVE

Setaria verticillata (L.) P.Beauv. var. *ambigua* (Guss.) Parl.

***italica* (L.) P.Beauv.**

Foxtail bristle grass, foxtail millet

INTRODUCED - ESCAPED

***verticillata* (L.) P.Beauv.**

Bristly foxtail, hooked bristle grass

INTRODUCED - NATURALIZED

Setaria adhaerens (Forssk.) Chiov.

viridis* (L.) P.Beauv.*var. *major* (Gaudin) Posp.**

Green bristle grass, green foxtail

INTRODUCED - NATURALIZED

var. *viridis*

Green bristle grass, green foxtail

INTRODUCED - NATURALIZED

Setaria viridis (L.) P.Beauv. var. *robustaalba* Schreb.*Setaria viridis* (L.) P.Beauv. var. *robustapurpurea* Schreb.*Setaria viridis* (L.) P.Beauv. var. *weinmannii* (Roem. & Schult.) Borbás***Sorghastrum* Nash*****nutans* (L.) Nash**

Yellow Indian grass

Sorghum* Moench**bicolor* (L.) Moench****var. *bicolor***

Broom-corn, sorghum

INTRODUCED - ADVENTIVE

Sorghum vulgare Pers.***halepense* (L.) Pers.**

Johnson grass

INTRODUCED - ADVENTIVE; POTENTIALLY INVASIVE

× *almum* Parodi (pro sp.)

Almum sorghum

INTRODUCED - ADVENTIVE

= *Sorghum bicolor* (L.) Moench × *S. halepense* (L.) Pers.***Spartina* Schreb.*****pectinata* Link**

Prairie cord grass, slough grass

Spartina pectinata Link var. *suttiei* (Farw.) Fernald***Sphenopholis* Scribn.*****intermedia* (Rydb.) Rydb.**

Slender wedge grass

Sphenopholis obtusata (Michx.) Scribn. var. *major* (Torr.) Erdman***obtusata* (Michx.) Scribn.**

Prairie wedge grass, prairie wedge scale

Sphenopholis obtusata (Michx.) Scribn. var. *lobata* (Trin.) Scribn.***Sporobolus* R.Br.*****clandestinus* (Biehler) Hitchc.**

Rough drop-seed, rough rush grass

compositus* (Poir.) Merr.*var. *compositus***

Meadow drop-seed, rough drop-seed, tall drop-seed

Sporobolus asper (Michx.) Kunth***cryptandrus* (Torr.) A.Gray****var. *cryptandrus***

Sand drop-seed

var. *fuscicola* (Hook.) Pohl

Sand drop-seed

Sporobolus cryptandrus (Torr.) A.Gray subsp. *fuscicola* (Hook.) E.K.Jones & Fassett***heterolepis* (A.Gray) A.Gray**

Northern drop-seed, prairie drop-seed

***neglectus* Nash**

Puff-sheath drop-seed, small drop-seed

Sorghastrum nutans

***vaginiflorus* (Torr. ex A.Gray) A.W.Wood**

Poverty grass, poverty drop-seed, sheathed drop-seed

Sporobolus vaginiflorus (Torr. ex A.Gray) A.W.Wood var. *inaequalis* Fernald

***Stipa* L.**

***comata* Trin. & Rupr.**

Needle-and-thread

INTRODUCED - ADVENTIVE

Hesperostipa comata (Trin. & Rupr.) Barkworth

***spartea* Trin.**

Needle grass, porcupine grass

Hesperostipa spartea (Trin.) Barkworth

***viridula* Trin.**

Green needle grass

INTRODUCED - ADVENTIVE

Nassella viridula (Trin.) Barkworth

***Tridens* Roem. & Schult.**

***flavus* (L.) Hitchc.**

var. *flavus*

Purple-top

INTRODUCED - NATURALIZED

Triodia flava (L.) Smyth

***Triplasis* P.Beauv.**

***purpurea* (Walter) Chapm.**

Purple sand grass

***Trisetum* Pers.**

***melicoides* (Michx.) Vasey ex Scribn.**

Melic-oats, purple false oats

☉ ENDANGERED

Trisetum melicoides (Michx.) Vasey ex Scribn. var. *majus* (A.Gray) Hitchc.

***spicatum* (L.) K.Richt.**

Narrow false oats, spike trisetum

★ THREATENED

Trisetum spicatum (L.) K.Richt. subsp. *pilosiglume* (Fernald) Hultén

Trisetum spicatum (L.) K.Richt. var. *maidenii* (Gand.) Fernald

Trisetum spicatum (L.) K.Richt. var. *molle* (Michx.) Beal

Trisetum spicatum (L.) K.Richt. var. *pilosiglume* Fernald

***Triticum* L.**

***aestivum* L.**

Wheat

INTRODUCED - ESCAPED

***Ventenata* Koeler**

***dubia* (Leers) Coss. & Durieu**

Soft-bearded oat grass, ventenata grass

INTRODUCED - ADVENTIVE

***Vulpia* C.C.Gmel.**

***myuros* (L.) C.C.Gmel.**

Rat-tail fescue

INTRODUCED - ADVENTIVE

Festuca myuros L.

***octoflora* (Walter) Rydb.**

var. *glauca* (Nutt.) Fernald

Six-weeks fescue

Festuca octoflora Walter var. *glauca* (Nutt.) Fernald

Festuca octoflora Walter var. *tenella* (Willd.) Fernald

Vulpia octoflora (Walter) Rydb. var. *tenella* (Willd.) Fernald

Zea L.*mays* L.subsp. *mays*

Corn, maize

INTRODUCED - ADVENTIVE

Zizania L.*aquatica* L.

Annual wild rice, Indian rice, southern wild rice

palustris L.var. *interior* (Fassett) Dore

Northern wild rice

Zizania aquatica L. var. *interior* Fassettvar. *palustris*

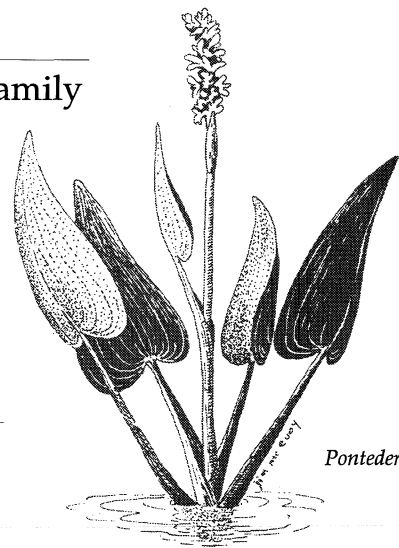
Northern wild rice

Zizania aquatica L. var. *angustifolia* Hitchc.◆ **PONTEDERIACEAE—Pickerel-weed, Water-hyacinth Family****Pontederia L.***cordata* L.

Pickerel-weed

Pontederia cordata L. f. *latifolia* (Raf.) House**Zosterella Small***dubia* (Jacq.) Small

Water star-grass

Heteranthera dubia (Jacq.) MacMill.*Pontederia cordata*◆ **POTAMOGETONACEAE—Pondweed Family****Potamogeton L.***alpinus* Balb.

Alpine pondweed, red pondweed

Potamogeton alpinus Balb. var. *subellipticus* (Fernald) Ogden*Potamogeton alpinus* Balb. var. *tenuifolius* (Raf.) Ogden*alpinus* Balb. × *P. richardsonii* (A.Benn.) Rydb.*amplifolius* Tuck.

Big-leaved pondweed, broad-leaved pondweed, large-leaved pondweed

amplifolius Tuck. × *P. praelongus* Wulfen*bicupulatus* Fernald

Snail-seed pondweed

Potamogeton diversifolius Raf. var. *trichophyllus* Morong*confervoides* Rchb.

Alga pondweed, algal-leaved pondweed, algae-like pondweed, Tuckerman's pondweed

★ THREATENED

crispus L.

Curled pondweed, curly pondweed

INTRODUCED - NATURALIZED; ECOLOGICALLY INVASIVE

diversifolius Raf.

Common snail-seed pondweed, water-thread pondweed

★ SPECIAL CONCERN

Potamogeton capillaceus Poir., pro parte

epihydrus Raf.

- Ribbon-leaf pondweed, ribbon-leaved pondweed
Potamogeton epihydrus Raf. var. *nuttallii* (Cham. & Schldl.) Fernald
Potamogeton epihydrus Raf. var. *ramosus* (Peck) House
Potamogeton epihydrus Raf. var. *typicus* Fernald

foliosus Raf.

- subsp. foliosus**
 Leafy pondweed
Potamogeton foliosus Raf. var. *genuinus* Fernald
Potamogeton foliosus Raf. var. *macellus* Fernald

friesii Rupr.

Fries's pondweed

gramineus L.

- Grass-leaved pondweed, variable-leaved pondweed
Potamogeton gramineus L. var. *maximus* Morong ex A.Benn.
Potamogeton gramineus L. var. *myriophyllus* J.W.Robbins
Potamogeton gramineus L. var. *typicus* Ogden

hillii Morong

Hill's pondweed
 ☆ SPECIAL CONCERN

illinoensis Morong

Illinois pondweed

illinoensis Morong × *P. richardsonii* (A.Benn.) Rydb.

natans L.

Common pondweed, floating pondweed, floating-leaf pondweed

nodosus Poir.

Long-leaf pondweed, long-leaved pondweed

oakesianus J.W.Robbins

Oakes' pondweed

obtusifolius Mert. & W.D.J.Koch

Blunt-leaved pondweed

praelongus Wulfen

White-stemmed pondweed

praelongus Wulfen × *P. richardsonii* (A.Benn.) Rydb.

pulcher Tuck.

Spotted pondweed

⊕ ENDANGERED

pusillus L.

subsp. pusillus

Broad-leaved small pondweed, slender pondweed, small pondweed

subsp. tenuissimus (Mert. & W.D.J.Koch) R.R.Haynes & Hellq.

Narrow-leaved small pondweed, slender pondweed, small pondweed

- Potamogeton berchtoldii* Fieber
Potamogeton berchtoldii Fieber var. *lacunatus* (Hagstr.) Fernald
Potamogeton berchtoldii Fieber var. *mucronatus* Fieber
Potamogeton berchtoldii Fieber var. *polyphyllus* (Morong) Fernald
Potamogeton berchtoldii Fieber var. *tenuissimus* (Mert. & W.D.J.Koch) Fernald
Potamogeton pusillus L. var. *tenuissimus* Mert. & W.D.J.Koch

richardsonii (A.Benn.) Rydb.

Richardson's pondweed

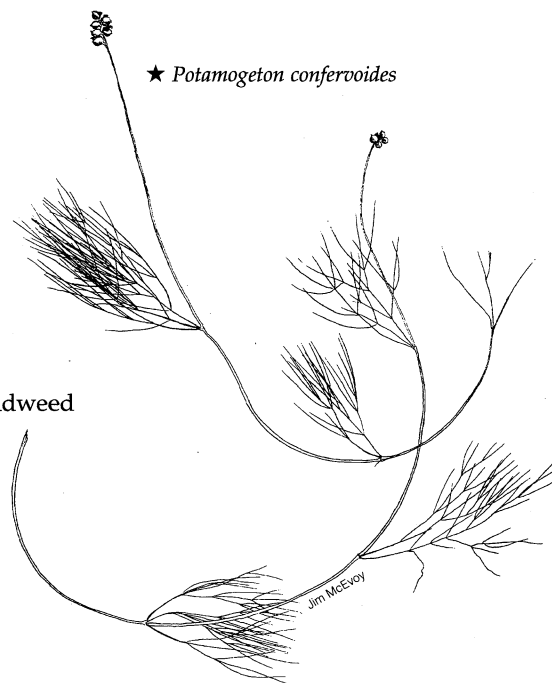
richardsonii (A.Benn.) Rydb. × *Potamogeton* sp.

robbinsii Oakes

Fern pondweed, Robbins' pondweed
Potamogeton robbinsii Oakes f. *cultellatus* Fassett

spirillus Tuck.

Northern snail-seed pondweed, spiral-fruited pondweed



★ *Potamogeton confervoides*

***strictifolius* A.Benn.**

Narrow-leaved pondweed, stiff pondweed, straight-leaved pondweed

Potamogeton strictifolius A.Benn. var. *rutiloides* Fernald*Potamogeton strictifolius* A.Benn. var. *typicus* Fernald***vaseyi* J.W.Robbins**

Vasey's pondweed

★ SPECIAL CONCERN

***zosteriformis* Fernald**

Flat-stem pondweed, flat-stemmed pondweed

× ***griffithii* A.Benn. (pro sp.)**

Griffith's pondweed

= *Potamogeton alpinus* Balb. × *P. praelongus* Wulfen× ***hagstroemii* A.Benn. (pro sp.)**

Hagstroem's pondweed

= *Potamogeton gramineus* L. × *P. richardsonii* (A.Benn.) Rydb.× ***haynesii* Hellq. & G.E.Crow**

Haynes' pondweed

= *Potamogeton strictifolius* A.Benn. × *P. zosteriformis* Fernald× ***nericius* Hagstr.**= *Potamogeton alpinus* Balb. × *P. gramineus* L.× ***scoliophyllus* Hagstr.**= *Potamogeton amplifolius* Tuck. × *P. illinoensis* Morong× ***spathuliformis* (J.W.Robbins) Morong (pro sp.)**= *Potamogeton gramineus* L. × *P. illinoensis* Morong× ***subsessilis* Hagstr.**= *Potamogeton epihydrus* Raf. × *P. nodosus* Poir.***Stuckenia* Börner*****filiformis* (Pers.) Börner****subsp. *alpina* (Blytt) R.R.Hayes, Les & M.Král**

Fine-leaved pondweed, thread-leaf pondweed, thread-leaved pondweed

Coleogeton filiformis (Pers.) Les & R.R.Haynes subsp. *alpina* (Blytt) Les & R.R.Haynes*Potamogeton filiformis* Pers. var. *alpina* (Blytt) Asch. & Graebn.*Potamogeton filiformis* Pers. var. *borealis* (Raf.) H.St.John*Potamogeton filiformis* Pers. var. *macounii* Morong**subsp. *occidentalis* (J.W.Robbins) R.R.Hayes, Les & M.Král**

Fine-leaved pondweed, thread-leaf pondweed, thread-leaved pondweed

Coleogeton filiformis (Pers.) Les & R.R.Haynes subsp. *occidentalis* (J.W.Robbins) Les & R.R.Haynes*Potamogeton filiformis* Pers. var. *occidentalis* (J.W.Robbins) Morong***pectinata* (L.) Börner**

Comb pondweed, sago pondweed

Coleogeton pectinatus (L.) Les & R.R.Haynes*Potamogeton pectinatus* L.***vaginata* (Turcz.) Holub**

Big-sheath pondweed, sheathed pondweed

Coleogeton vaginatus (Turcz.) Les & R.R.Haynes*Potamogeton vaginatus* Turcz.

★ THREATENED - LISTED UNDER THIS SYNONYM BY THE DNR

◆ **RUPPIACEAE—Ditch-grass Family*****Ruppia* L.*****cirrhosa* (Petagna) Grande**

Spiral ditch-grass

Ruppia maritima L. var. *occidentalis* (S.Watson) Graebn.*Ruppia occidentalis* S.Watson

◆ SCHEUCHZERIACEAE—Scheuchzeria Family

Scheuchzeria L.

palustris L.

Arrow-grass, pod-grass

Scheuchzeria palustris L. var. *americana* Fernald

Scheuchzeria palustris L. subsp. *americana* (Fernald) Hultén

◆ SMILACACEAE—Cat-brier Family

Smilax L.

ecirrhata (Engelm. ex Kunth) S. Watson

Upright carrion-flower

herbacea L.

var. *herbacea*

Common carrion-flower, smooth carrion-flower

var. *lasioneuron* (Hook.) A. DC.

Common carrion-flower, hairy carrion-flower

Smilax lasioneuron Hook.

hispida Muhl. ex Torr.

Bristly greenbrier

Smilax tamnoides L.

Smilax tamnoides L. var. *hispida* (Muhl. ex Torr.) Fernald

illinoensis Mangaly

Illinois carrion-flower, Illinois greenbrier

◆ SPARGANIACEAE—Bur-reed Family

Sparganium L.

americanum Nutt.

American bur-reed

americanum Nutt. × *S. emersum* Rehmman

androcladum (Engelm.) Morong

Branched bur-reed

angustifolium Michx.

Narrow-leaved bur-reed

Sparganium emersum Rehmman var. *multipedunculatum* (Morong) Reveal

emersum Rehmman

Narrow-leaved bur-reed

Sparganium chlorocarpum Rydb.

Sparganium chlorocarpum Rydb. var. *acaule* (Beeby ex Macoun) Fernald

Sparganium erectum L., sensu Kartesz (1994)

eurycarpum Engelm. ex A. Gray

Broad-fruit bur-reed, common bur-reed, giant bur-reed

fluctuans (Engelm. ex Morong) B. L. Rob.

Floating-leaved bur-reed

glomeratum (Beurl. ex Laest.) Neuman

Clustered bur-reed, northern bur-reed

★ THREATENED

natans L.

Small bur-reed

Sparganium minimum (Hartm.) Fr.

◆ TYPHACEAE—Cat-tail Family

Typha L.*angustifolia* L.

Narrow-leaved cat-tail

INTRODUCED - NATURALIZED; POTENTIALLY INVASIVE

Typha angustifolia L. var. *elongata* (Dudley) Wiegand*latifolia* L.

Broad-leaved cat-tail, common cat-tail

NATIVE - POTENTIALLY INVASIVE

× *glauca* Godr.

hybrid cat-tail, white cat-tail

INTRODUCED - NATURALIZED

= *Typha angustifolia* L. × *T. latifolia* L.

◆ XYRIDACEAE—Yellow-eyed-grass Family

Xyris L.*montana* Ries

Bog yellow-eyed-grass, northern yellow-eyed-grass

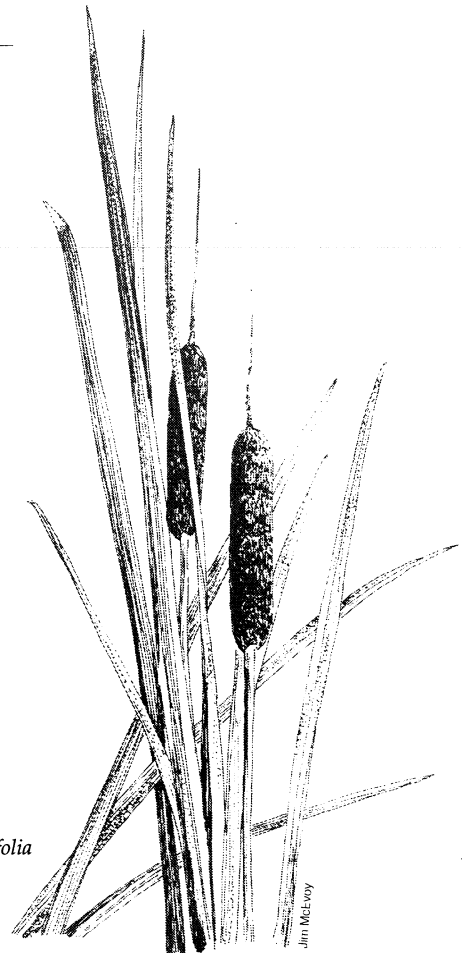
Xyris papillosa Fassett*Xyris papillosa* Fassett var. *exserta* Fassett*torta* Sm.

Slender yellow-eyed-grass

◆ ZANNICHELLIACEAE—Horned-pondweed Family

Zannichellia L.*palustris* L.

Horned-pondweed

Zannichellia palustris L. var. *major* (Hartm.) W.D.J.Koch*Typha latifolia*



◆
EXCLUDED TAXA



KITTY KOHOUT



PAUL E BERRY

EXCLUDED TAXA

The floristic listing of a species is relatively easy, but to verify its identification, its correct name, and its natural occurrence within a state or region can be quite difficult. Not surprisingly, many mistaken reports have appeared in the literature, and for that reason we have prepared this list of Excluded Taxa.

More often than not, excluded taxa are due to nomenclatural changes over the years, such as the discovery that a certain name has been misapplied, or simply errors in identification. One problem needs to be singled out as being especially acute in Wisconsin, where several of our earliest collectors were particularly prone to making specimens (usually without supplying any information as to their specific location, habitat, or status) of cultivated plants, garden escapes,

and rare weedy adventives, some of which have never been collected in the state since. Whether they liked to collect weeds and garden plants in general, and in habitats such as along railroad tracks, in coal yards, and harbors in particular, is hardly open to question. In any case, many of the 80- to 140-year-old C. Goessl, T. J. Hale, and H. and G. Skavlem specimens which some botanists might be inclined to accept as part of the Wisconsin flora have been excluded by us because of these collectors' inconsistent habits in labeling their specimens and their penchant for collecting garden taxa, such as dahlias, delphiniums, and viburnums. Those that are undoubtedly horticultural have not been included in this list, especially if they could not survive the cold Wisconsin winters.

***Acalypha virginica* L.**, Virginia copper-leaf, Virginia three-seeded-mercury

This southern species, listed by Curtis (1959) as part of his "exposed cliff" community, does not occur in Wisconsin. From time to time, this name has been misapplied to *A. rhomboidea*, to which this report is no doubt referable (Richardson et al., 1988).

***Adenocaulon bicolor* Hook. (Asteraceae)**, American trail-plant

Although this western species is disjunct to the upper Great Lakes region (e.g., Isle Royale), it has never been collected in Wisconsin. The report in Curtis (1959) no doubt should be referred to *Petasites sagittatus*, which has very similar leaves.

***Adiantum aleuticum* (Rupr.) Paris**, Aleutian maidenhair fern, western maidenhair fern

Although once considered to occur, rarely, in Wisconsin (as *A. pedatum* var. *aleuticum*; see Tryon et al., 1940, 1953), the geographical distribution of this taxon as now understood lies far to the north of our state (see *Flora of North America* Vol. 2).

***Agrimonia eupatoria* L.**, church-steeple, medicinal agrimony

The scientific name of this Eurasian species, reported by Fernald (1950: 867) from "...waste places...Mass., Wisc. and Minn.," was formerly misapplied to our *A. gryosepala* or *A. striata*. In any case, the species has never been found in Wisconsin (Mason & Iltis, 1958).

***Agrostis capillaris* L.**, colonial bent grass, Rhode Island bent grass

This delicate European grass is widely cultivated but doubtfully spontaneous in Wisconsin, for of our two herbarium sheets one (16 Jun 1958, W.O. Kuehnel s.n., WIS) came from a lawn (as did the only other specimen by that collector, also a lawn grass); and the other (18 Oct 1973, R. Boyer & L. Hammen s.n., MIL) is so poor that it seems well to wait for better material before admitting this species to our flora.

***Alisma plantago-aquatica* L.**, Eurasian water-plantain

All Wisconsin specimens are referable to the native species, either *A. subcordatum* or *A. triviale*. *Alisma plantago-aquatica* (sensu stricto) is an Eurasian taxon.

***Amsinckia tessellata* A.Gray**, bristly fiddle-neck, devil's-lettuce

There is only a single C. Goessl collection (Jul 1903, s.n., WIS), from "waste place in coal yard, Sheboygan," of this widespread western species, mixed on the same sheet with *A. lycopsoides*, another western adventive.

***Antennaria solitaria* Rydb.**, southern single-headed pussy-toes

A specimen (13 Sep 1958, W. Witt s.n., WIS) from Bear Bluff, Jackson County, has been verified by specialists (e.g., G. L. Stebbins) but never recollected at that site despite searching. However, it is far out of range and probably erroneously labeled as to locality by a student who just a month earlier had traveled through the southern states, where this species is not uncommon.

***Arabis hirstua* (L.) Scop. var. *glabrata* Torrey & A.Gray**, hairy rock-cress, mountain rock-cress, western rock-cress

Two Fassett collections (6 Sep 1930, 13369; 2 Sep 1930, 13457, both WIS) from damp cliffs in Grant County, in the unglaciated Driftless Area, and misidentified by Hopkins (1937) as *Arabis pycnocarpa* M.Hopkins var. *glabrata* (Torrey & A.Gray) M.Hopkins, were later correctly identified by Rollins (1941) as our common *A. hirsuta* var. *adpressipilis*.

***Argemone mexicana* L.**, Mexican poppy, Mexican prickly poppy

All Wisconsin specimens previously identified as *A. mexicana* that we have examined have proven to be *A. albiflora*.

***Aristolochia tomentosa* Sims (Aristolochiaceae)**, pipe-vine, woolly Dutchman's-pipe

This southern vine spreads slightly by vegetative means from local gardens, as in Dane County (26 Aug 1987, J.W. Thomson s.n., WIS), but, hardly frost hardy, it is unlikely to become part of Wisconsin's flora.

***Arnoseris minima* (L.) Schweigg. & Körte (Asteraceae)**, dwarf nipplewort, lamb-succory

This adventive from Europe has been reported by the Wisconsin DNR as being wild in Wisconsin, but no voucher specimen has been submitted for verification.

***Artemisia abrotanum* L.**, garden sagebrush, southernwood

In Wisconsin this is a rare escape or garden plant represented by four collections, two that say gardens on the label, including the Racine record (s.d., T.J. Hale s.n., WIS) mapped by Mickelson and Iltis (1966) and Swink and Wilhelm (1994), one from a former homesite in Sheboygan County (14 Jun 1969, M.A. Piehl s.n., WIS), and one from Sheboygan labeled "Road-Side" by C. Goessl (09 Sep 1903, s.n., WIS).

***Asimina triloba* (L.) Dunal (Annonaceae)**, pawpaw

There was a grove of this small tree at Potosi, Grant County, according to Mather (1897), but no specimen has been seen from this location. The one herbarium record ("S.W. Wis.", s.d., J. Clark s.n., WIS [ex Herbarium Ripon College]) is rejected as too indefinite and unreliable, as are almost all of this man's collections.

***Aster schreberi* Nees**, Schreber's aster

Gleason and Cronquist (1991) attributed this colonial, big-leaved aster to eastern Wisconsin, but our only specimen (Sheboygan, 04 Sep 1916, C. Goessl s.n., WIS) was not mentioned by Shinnars (1941), and would seem to represent a garden-grown plant of this eastern species.

***Atriplex argentea* Nutt.**, silver-scale, silver-scale saltbush

There is only one C. Goessl collection (Sheboygan, Oct 1933, s.n., WIS) of this western saltbush, possibly a casual adventive from the Great Plains.

***Atriplex littoralis* L.**, grass-leaved orache, seashore orache

This halophyte was attributed to Wisconsin by Fernald (1950), as *A. patula* L. var. *littoralis* (L.) A.Gray, but as now understood *A. littoralis* (sensu stricto) is strictly a coastal species, its name having often been misapplied to narrow-leaved inland plants of *A. patula*.

***Aureolaria flava* (L.) Farw.**, smooth yellow false foxglove

A collection purporting to be from Williams Bay (21 Aug 1897, L. Umbach s.n., RM), and mapped by Pennell (1935), was subsequently reported from Wisconsin in floristic manuals. This record is in all likelihood based on a label mix-up according to F. S. Crosswhite (in litt., 1963), the specimen probably having been collected at Miller, Indiana, or Saugatuck, Michigan, places at which Umbach did an enormous amount of collecting. From these areas WIS has collections of *A. flava* made by Umbach, whose herbarium is now incorporated into WIS.

***Borago officinalis* L. (Boraginaceae)**, common borage

This occasionally grown ornamental was collected once by S.C. Wadmond (03 Jul 1934, 17234, WIS), who says, "Appearing spontaneously in Earl Shepard's garden [Delavan] and increasing from year to year."

***Botrychium pseudopinnatum* W.H.Wagner**, false daisy-leaved moonwort, false north-western moonwort

One specimen from Wisconsin Point, Douglas County (12 Jul 1997, G.B. Walton 2527, DUL) resembles this recently described, diminutive fern, but neither W. Wagner Jr. nor D. Farrar is sure of its identity, and there is no other known occurrence in Wisconsin.

***Briza maxima* L. (Poaceae), big quaking grass**

Our only specimen (Jul 1945, J.R. Detwiler 02, WIS) of this decorative grass lacks sufficient information to decide its status as to whether it was cultivated or escaped.

***Bromus brizaeformis* Fisch. & C.A.Mey., rattlesnake brome**

Pavlick (1995) mapped this weedy introduction from southwest Asia for the southern half of Wisconsin, but it is excluded for lack of a voucher specimen.

***Bromus marginatus* Nees ex Steud. var. *breviaristatus* (Buckley) Beetle, mountain brome**

The specimens reported from Milwaukee (as *B. breviaristatus*) in Brues and Brues (1914) were reidentified and cited by Fassett (1951) as *B. purgans* (= *B. pubescens*).

***Bromus sterilis* L., barren brome, poverty brome**

Pavlick (1995) mapped this weedy annual of southern Europe for the southeastern corner of Wisconsin, but it is excluded for lack of a voucher specimen.

***Calystegia hederacea* Wallich, Japanese bindweed, Japanese false bindweed**

The only specimen of this double-flowered horticultural form (cv. **Flore Pleno**) of an east Asian morning-glory was made by C. Goessl (Jun 1903, s.n., WIS) from a "waste place" in Sheboygan. Although it has become naturalized in eastern North America, it is not yet established in Wisconsin.

***Carex hirsutella* Mack., fuzzy wuzzy sedge**

There is only one C. Goessl specimen (s.d., s.n., WIS), purporting to be from "Sheboygan or Manitowoc County," of this widespread eastern and southern species. Its presence in southern Michigan and throughout Illinois suggests that it may have been introduced by way of the busy Great Lakes shipping traffic to a harbor town.

***Carex incompta* E.P.Bicknell**

This species is to be found in southern Wisconsin sedge meadows according to Curtis (1959), but with its range to the south and east of Wisconsin, and a lack of any verifying specimens, this report is evidently based on misidentifications.

***Carex nigromarginata* Schwein., black-edge sedge**

Reported by Curtis (1959) as "modal" in his "northern mesic forest," this listing must evidently refer to *C. peckii* or some other species.

***Carex seorsa* Howe, weak stellate sedge**

A specimen of this sedge mounted on the same sheet (1975, S. Rowlett s.n., MOR) with another of *Carex sterilis* from Walworth County possibly represents an inadvertent addition of extraneous material from northern Indiana, where the collector was also active, and the species is not uncommon.

***Carex shortiana* Dewey, Short's sedge**

One specimen of this southeastern sedge in WIS (s.d., I. Clark s.n.), purporting to be from "S. Wisconsin," is a mislabeled collection from the Herbarium of Ripon College.

***Carex squarrosa* L., squarrose sedge**

Although Gleason (1952) cited Wisconsin in his distribution statement, we have seen no specimens of this eastern sedge and believe the report must have been based on some misidentification.

***Carya glabra* (Mill.) Sweet, pig-nut hickory**

There are no voucher specimens in WIS, and reports in literature (see discussion under *C. ovalis*) suggest that this species is known only from cultivation in Wisconsin. It does, however, nearly reach the Wisconsin border in Lake and Ogle counties, Illinois (Swink & Wilhelm, 1994).

***Carya ovalis* (Wangenh.) Sarg., false shagbark, red hickory, sweet pig-nut hickory**

These two hickories (*C. glabra* and *C. ovalis*) need to be discussed together (as they were by Voss, 1985) by quoting from a paragraph from Fassett (1932a: 232): "We have, apparently, but two native hickories common in the state. These are *C. ovata* and *C. cordiformis*. They are listed by S. C. Wadmond [1909] as being common in Racine and Kenosha Counties. Russel [1907] lists both from Milwaukee County, adding *C. glabra* as reported from Wauwatosa, where probably planted. Cheney and True [1893] list *C. alba* [i.e., *C. ovata*] and *C. amara* [i.e., *C. cordiformis*] from the Madison area. In

his notes, Cheney lists besides these '*Hicoria glabra odorata* [i.e., *C. ovalis* sensu stricto],’ of which he says a single tree grows near the edge of Lake Monona in the suburb of Elmside, Madison. This, according to Professor R. H. Denniston, was a large tree, perhaps old enough to antedate the settling of the city, and probably of natural occurrence...Professor Denniston and the writer were unable to find the tree on October 9, 1931; it has apparently been cut down.”

The occurrence of *C. ovalis* presents a conundrum. The large tree mentioned above is represented by a specimen (identified as *C. ovalis* by D. E. Stone): “Only one tree. Near an ice house on N.E. shore of Lake Monona (at Elmside), Madison” (03 Jun 1909, I.R. Heddle 1349, WIS). Thus, although that specimen may have been native, the taxon is not known to grow wild in Wisconsin now, and without further information to determine if the one specimen from Madison was native or planted, this species must be excluded for the time being from our flora.

***Cerastium glomeratum* Thuill.**, clammy chickweed, sticky chickweed

Reported in the 3rd edition of the *Spring Flora* (Fassett, 1957) as *C. viscosum* [auct. mult., non] L., the five specimens in WIS originally so identified all being *C. fontanum* subsp. *vulgare*. Current manuals list *C. viscosum* as a synonym under *C. glomeratum* (*Flora Europaea* Vol. 1) or vice versa (Gleason & Cronquist, 1991); in either case, the plant is a more southerly Eurasian weed not yet known from Wisconsin (Schlising & Iltis, 1962).

***Chelone obliqua* L.**, purple turtlehead, red turtlehead

Doubtfully spontaneous, this occasionally grown ornamental is represented by only one student collection (23 Sep 1967, D.P. Mueller 620, WIS), which was associated with other garden plants.

***Chenopodium bonus-henricus* L.**, good-King-Henry

There is only one *C. Goessl* (Sheboygan, Aug 1928, s.n., WIS) collection of this Eurasian weed.

***Chrysanthemum coronarium* L. (Asteraceae)**, crown daisy

Neither of our specimens (Madison, s.d., T.J. Hale s.n., WIS; Janesville, 28 Aug 1889, G. Skavlem s.n., WIS) of this commonly grown garden plant suggests that it grew wild (Mickelson & Iltis, 1966).

***Cicer arietinum* L. (Fabaceae)**, chickpea, garbanzo

There is only one *C. Goessl* (10 Jul 1907, s.n., WIS) collection of this crop plant, and although accepted by Fassett (1939), it has not become part of our flora.

***Cimicifuga racemosa* (L.) Nutt. (Ranunculaceae)**, black cohosh, black snakeroot, false bugbane

Though attributed to Wisconsin by USDA PLANTS, its range is south and east of the state, and there are no confirming specimens from the wild. It is persisting from plantings in the UW – Madison Arboretum (Dane County) and in many local gardens.

***Cirsium canescens* Nutt.**, Platte thistle, prairie thistle

This Great Plains thistle is represented by one *C. Goessl* collection (s.d., s.n., WIS) from a “R. R. yard, Sheboygan.” Apparently a one-time occurrence in Wisconsin, the species has not become established (Johnson & Iltis, 1964).

***Cirsium ochrocentrum* A.Gray**, yellow-spine thistle

Two old specimens of this southern Great Plains thistle, labeled by *C. Goessl* as being from Prairie du Chien (04 Aug 1921, s.n., WIS) and Marshfield (1915, s.n., MIL) were rejected, again on the grounds of plant geography and general collector unreliability (Johnson & Iltis, 1964). However, considering the extensive railroad traffic of the times, *C. ochrocentrum* may well have been adventive though not persisting.

***Consolida pubescens* (DC.) Soó**, knight’s-spur

Although listed and mapped for Wisconsin in *Flora of North America* Vol. 3, no specimen has been seen from our state.

***Consolida regalis* S.F.Gray**, royal knight’s-spur

Listed and mapped for Wisconsin in *Flora of North America* Vol. 3, probably on the authority of Fassett (1947), who cited it (as *Delphinium consolida* L.) for Milwaukee and Racine. The Milwaukee specimen (Aug 1887, F. Runge 13, MIL) has been determined as *C. ajacis*, and the latter (s.d., T.J. Hale s.n., WIS) as *C. ajacis*, mixed with some other species of *Consolida*, possibly *C. regalis*.

***Coreopsis tripteris* L.**, tall coreopsis, tall tickseed

Even though this handsome tickseed was reported for Wisconsin by various authors, including Fernald (1950), Gleason and Cronquist (1991), Rickett (1966), and USDA PLANTS, and by a recent unverified sight report from Grant County, so far no specimen from Wisconsin has been located. Because *C. tripteris* occurs immediately to the south of Wisconsin and is now occasionally planted in gardens and prairie restorations, it may soon be expected to turn up in our flora.

***Coriandrum sativum* L. (Apiaceae)**, Chinese parsley, coriander

The one *C. Goessl* (Jul 1904, s.n., WIS) collection of this Mediterranean herb, from a "waste heap" in Sheboygan, possibly escaped from cultivation.

***Cornus mas* L.**, cornelian cherry

This European cultivated shrub or small tree has been very slightly spreading from local plantings in some Milwaukee County parks, but as yet it is not truly established outside of cultivation.

***Crataegus pennsylvanica* Ashe**, Pennsylvania hawthorn

Because its range is Delaware, Pennsylvania, and West Virginia, according to Fernald (1950), we exclude *C. pennsylvanica* pending reexamination of the several collections in MIL identified as this species.

***Crataegus phaenopyrum* (L.f.) Medik.**, Washington's hawthorn, Washington's-thorn

There are several collections from parks, parkways, and the grounds of public buildings, but none of these appear to represent trees established spontaneously.

***Croton capitatus* Michx.**, hog-wort, woolly croton

This southern croton appeared once "among some sweet potato vines shipped in from Tennessee" (ca. 01 Sep 1955, Mrs. J.R. Kelton s.n., WIS), implying that this species was transplanted, not adventive, and not a part of our flora (Richardson et al., 1988).

***Cuscuta megalocarpa* Rydb.**, big-fruit dodder

Fogelberg (1937) reported this species (as *C. carta*) for Wisconsin on the basis of a specimen (11 Jul 1896, L.S. Cheney 4738, WIS), which, however, has since been reidentified as our common *C. gronovii* (det. T. Yuncker [1932]; verif. T. Beliz [1986-87]).

***Cymbalaria muralis* Gaertn., G.Mey. & Scherb. (Scrophulariaceae)**, coliseum-ivy, Kenilworth-ivy

Salamun (1951: 117) says of this petite ornamental that "it has probably escaped," but the only Wisconsin specimen in MIL and all those in WIS bear label information indicating that they were cultivated in a garden, where they do survive our winters.

***Cynoglossum virginianum* L.**, northern wild comfrey

Reported as present in "southern dry forest" (Curtis, 1959), but this southeastern species does not occur in Wisconsin. Its sister taxon, *C. boreale* [*C. virginianum* var. *boreale*], grows in Wisconsin only in coniferous or mixed woods ("northern hardwoods") in the far north, suggesting that Curtis' report, unsupported by a voucher specimen, is based on some misunderstanding.

***Dalea enneandra* Nutt.**, nine-anther prairie-clover, sail-pod dalea

A species of the western Great Plains, first described in Fraser's Nursery (London, 1813) "catalogue" or seed list of T. Nuttall's discoveries "collected in upper Louisiana and principally on the River Missouri, North America," and redescribed, again by Nuttall, in his 1818 *Flora* (under *D. laxiflora*, a synonym) as growing on "...the high hills and naked grassy plains of the Missouri, also on the banks of the Mississippi near the Prairie du Chien" [emphasis added]. The latter location may be interpreted as a gratuitous addition to be blamed on Nuttall's faulty memory, for this unmistakable species grows nowhere near Wisconsin (Fassett's [1939] indecisiveness and his attempt to bring the unglaciated Driftless Area into the argument notwithstanding), and on an hiatus of seven years of explorations in the West between his short visit to Prairie du Chien in 1811 and the publication of his book in 1818.

***Desmazeria rigida* (L.) Tutin (Poaceae)**, fern grass

This European grass is represented by an I. A. Lapham (s.d., s.n., WIS) collection bearing the collector's pre-printed "Milwaukee" label. Mounted on the same sheet with a collection of *Vulpia octoflora*, it is of doubtful origin.

***Diarrhena americana* P.Beauv.**, American beak grain, beak grass

One specimen (s.d., J. Clark s.n., WIS [ex Herbarium Ripon College]) of this Appalachian and Ozarkian species (or variety) has been seen, part of a mixed collection of grasses that is no doubt erroneously labeled as from Wisconsin. The one specimen cited by Fassett (1951) has since been reidentified as *D. obovata* (Iltis et al., 1960). The Wisconsin DNR lists this species as ☠ ENDANGERED under the name *D. americana* [sensu stricto].

***Dicentra spectabilis* (L.) Lem.**, common bleeding-heart

We have only one collection (23 May 1890, G. Skavlem s.n., WIS) of this familiar Chinese garden ornamental, which was annotated "Escaped from garden" years after having been collected.

***Digitaria longiflora* (Retz.) Pers.?**, Indian crabgrass

One specimen of this tropical grass (21 May 1941, J.T. Curtis s.n., identified by J. Swallen), from Fox Point, Lake Mendota, Madison, probably represents an escape from Schubert's orchid greenhouses nearby, according to L. H. Shinnery's annotation.

***Dodecatheon frenchii* (Vasey) Rydb.**, French's shooting-star

This endemic of southern Illinois and western Kentucky was reported by Fassett (1927, 1944b) and others for Wisconsin on the basis of two collections in WIS (s.d., I.A. Lapham s.n.; 27 Jun 1895, W.R. Schuman s.n.), both of which proved to be *D. meadia* (see discussion in Iltis & Shaughnessy 1960).

Dodecatheon pulchellum* (Raf.) Merr. subsp. *pulchellum, jewelled shooting-star, western shooting-star

Formerly listed by the Wisconsin DNR (as *D. radicum* Greene) as a species of ★ SPECIAL CONCERN, this name applies in Wisconsin to the taxon we recognize as *D. amethystinum*, a rare microendemic accepted tentatively by Iltis and Shaughnessy (1960). Currently there is no general agreement whether the highly local eastern *D. amethystinum* deserves status as a subspecies or even as a full species or whether like *D. radicum*, it, too, should be merged with *D. pulchellum*.

***Dracocephalum moldavica* L.**, Moldavian dragonhead

There are three collections, two by T. J. Hale (Racine, 1859, s.n.; St. Croix County, 1861, s.n., both WIS) and one by C. Goessl (labeled "Hort."), of this Eurasian garden herb, possibly representing spontaneous as well as cultivated plants.

***Eryngium leavenworthii* Torr. & A.Gray**, Leavenworth's eryngo

Collected at Janesville (Skavlem in 1915, 1916, MIL), and here far out of range, this southwestern eryngo is sometimes planted as an ornamental.

***Euonymus fortunei* (Turcz.) Hand.-Mazz.**, climbing euonymus, winter-creeper

Though commonly grown as a ground or wall cover and reportedly escaped in Dane County, we have not seen any specimens from Wisconsin that represent plants growing spontaneously.

***Euphorbia myrsinites* L.**, myrtle spurge

We have one collection from a garden (02 Jun 1971, N.A. Harriman s.n., OSH), said to be an adventive that never reappeared in subsequent years (N. A. Harriman, pers. comm.; Richardson et al., 1988).

Fragaria vesca* L. subsp. *vesca, thin-leaved wild strawberry, woodland strawberry

Said to grow in Wisconsin by Mason and Iltis (1958), who, however, did not map infraspecific taxa separately. All Wisconsin specimens appear on reexamination to be *F. vesca* subsp. *americana*.

***Frasera caroliniensis* Walter (Gentianaceae)**, American columbo

Reported (as *Swertia caroliniensis*) as occurring in Wisconsin by Fernald (1950), but excluded by Mason and Iltis (1966), this Ozarkian species ranges northward to southern Michigan, but not as far as Wisconsin, from where we have seen no specimens.

***Galium sylvaticum* L.**, baby's-breath, Scotch-mist

Only two Wisconsin collections have been seen, both made at Sheboygan by C. Goessl (19 Aug 1924, s.n.; Aug 1926, s.n., both WIS). This European introduction is not accepted as growing wild in the state (Urban & Iltis, 1958).

***Galium tricornutum* Dandy**, rough-fruit corn bedstraw

There is only one C. Goessl (Jul 1931, s.n., WIS) collection, from a "waste place" in Sheboygan, of this Eurasian agricultural weed, which never became naturalized.

***Gentiana saponaria* L.**, harvest-bells, soapwort gentian

Reports in the literature (e.g., Curtis, 1959; Wadmond, 1933) of this southeastern species are probably all based on incorrect determinations of *G. andrewsii* (Mason & Iltis, 1966; see also Pringle, 1967).

***Gnaphalium purpureum* L.**, purple cudweed

There is only one undated Wisconsin specimen, from Sheboygan (C. Goessl s.n., WIS), of this European weed, undoubtedly representing a garden weed or rare adventive.

***Gymnocarpium* × *heterosporum* W.H.Wagner**, black-spore oak fern

This rare interspecific hybrid (= *G. appalachianum* K.M.Pryer & Haufler × *G. robertianum* (Hoffm.) Newman) was accepted in *Flora of North America* Vol. 2, but cited as known only from Pennsylvania. K. M. Pryer has since reidentified the three Wisconsin collections cited and mapped by Wagner (1966) as *G. intermedium*.

***Hackelia floribunda* (Lehm.) I.M.Johnst.**, many-flowered stickseed

This western species was reported by Cochrane (1975) from Kewaunee County, but the two collections (11 Jun 1892, J. Schuette 38622; 26 Jul 1892, J. Schuette 38623, both WIS) have since been re-determined to be *H. deflexa* var. *americana* (see Gentry, 1978).

***Helianthus* × *multiflorus* L. (pro sp.)**, many-flowered sunflower

There is only one G. Skavlem (20 Aug 1889, s.n., WIS) collection of this interspecific horticultural hybrid (= *H. annuus* L. × *H. decapetalus* L.), which has probably never been collected in the wild.

***Heterotheca camporum* (Greene) Shinnery**, lemon-yellow false golden aster, prairie golden aster

The report of *Chrysopsis camporum* by Fernald (1950) may have been based on confusion with the very similar *H. villosa*, of which it is sometimes considered a variety. Although spreading in historic times, the range of this sand prairie taxon of the southern Midwest has not reached Wisconsin.

***Hieracium albiflorum* Hook.?**, white hawkweed

A sterile specimen from Douglas County (C. Goessl 7656, MIL) very closely resembles this species (fide Johnson & Iltis, 1964).

***Hieracium gronovii* L.**, beaked hawkweed, hairy hawkweed, queen-devil

A single specimen (Umbach s.n., F), purporting to be from Devils Lake, Sauk County, is presumably erroneously labeled (Johnson & Iltis, 1964).

***Huperzia occidentalis* (Clute) Beitel**, western club-moss, western fir-moss

Tryon et al. (1940, 1953) misidentified some of our typical *H. lucidula* collections from the Driftless Area and northern Wisconsin as *Lycopodium lucidulum* var. *occidentale*, a strictly Pacific Northwestern sister species to the widespread eastern North American *H. lucidula* (see *Flora of North America* Vol. 3).

***Hyoscyamus niger* L. (Solanaceae)**, black henbane

Only one C. Goessl (09 Jul 1914, s.n., WIS) collection, from a "coal yard, Sheboygan," of this very poisonous Eurasian herb, which was probably grown for medicinal purposes, but is now absent from our flora, wild or cultivated.

***Inula salicina* L.**, willow-leaved yellow-head

Our one C. Goessl specimen (s.d., s.n., WIS) of this Eurasian garden plant, said to have come from "Betw. Plymouth & Elkhart Lake," could have been either cultivated or escaped.

***Justicia americana* (L.) Vahl (Acanthaceae)**, American water-willow

Attributed to Wisconsin by various authors, including Fernald (1950), Gleason & Cronquist (1991), and Rickett (1966), but no voucher has yet been located of this widespread perennial herb of mud banks and shallow waters, which almost reaches Wisconsin in northern Illinois.

***Larix decidua* Mill.**, European larch

Reported by Musselman et al. (1971) from Bradford Twp., Rock County, but the specimens (in WIS) proved to be *L. laricina*.

***Lathyrus sativus* L.**, chickling pea, white pea-vine

There is only one collection from Wisconsin (15 Jul 1903, C. Goessl s.n., WIS), from a "grain field, Sheboygan." Like *Agrostemma githago* and other Eurasian weeds that once grew in Wisconsin's abundant fields of rye and oats, these plants vanished from our flora with changing agricultural practices.

***Lepidium ramosissimum* A.Nelson var. *bourgeauanum* Thell.**, Bourgeau's pepper-weed, peppergrass

The one Wisconsin specimen of this western Canadian species ("Sheboygan, common, Sept. 1918," C. Goessl s.n., WIS), mounted on the same sheet with our common *L. densiflorum*, must be considered a doubtful record (Patman & Iltis, 1962).

***Levisticum officinale* W.D.J.Koch (Apiaceae)**, garden lovage

The one C. Goessl collection (Jun 1918, s.n., WIS), from "waste places in city, Sheboygan," is in all likelihood a rare escape of this once commonly grown garden herb, which is now hardly a part of our flora.

Leymus mollis* (Trin.) Hara subsp. *mollis, American dune grass

Published for Wisconsin by Swezey (1883, as *Elymus mollis*) without location or specimen citation, as well as by Fernald (1950, as *E. arenarius* var. *villosus*), this far-northern beach plant reaches Lake Superior on Michigan's Upper Peninsula, but it has not yet been found in Wisconsin (Iltis et al., 1960).

***Lilium superbum* L.**, American Turk's-cap lily

All Wisconsin reports of *L. superbum* (and of *L. canadense*) should be referred to *L. michiganense*, generally accepted now as a distinct taxon somewhat intermediate between the aforementioned taxa.

***Linum lewisii* Pursh**, prairie flax

This homostylic western United States species was attributed to Wisconsin by Fernald (1950), though probably all such reports should be referred to the closely allied, heterostylic *L. perenne* of Europe (Gleason & Cronquist, 1991).

***Luzula bulbosa* (A.W.Wood) Rydb.**, bulbous wood rush

Reported from the Apostle Islands by McIntosh (1950), but the specimen proved to be *Luzula multiflora*.

***Luzula parviflora* (Ehrh.) Desv.**, small-flowered wood rush

Coffey Swab, in *Flora of North America* (2000), erroneously listed and mapped this circumpolar species for Wisconsin. It appears clear that the southern limit of its midcontinent range reaches only to north-eastern Minnesota (Lake and Cook counties) and northern Michigan (Isle Royale). It does not occur throughout the Upper Peninsula as she indicated, nor does it extend into the northern part of our state.

***Marrubium vulgare* L. (Lamiaceae)**, horehound

Our one specimen (1860, S.H. Watson s.n., WIS) of this Eurasian mint is from Madison and was probably cultivated in an herb garden.

***Mentha* × *rotundifolia* (L.) Huds.**, apple mint

Listed by Koeppen (1957), but the only Wisconsin specimen (MIL) of this hybrid mint (= *M. longifolia* (L.) Huds. × *M. suaveolens* Ehrh.) is from a garden in Sheboygan.

***Mitella* × *intermedia* Bruhin ex Small & Rydb. (pro sp.)**, intermediate miterwort

"Type collected near the shore of Lake Michigan, one mile northward from Centerville [Manitowoc County], Wisconsin, by T. A. Bruhin" (Small & Rydberg, 1905: 92), a specimen that presumably is deposited in NY but can no longer be found (J. Kallunki, in litt., 1999). This presumed interspecific hybrid between *M. diphylla* and *M. nuda* has not been recollected since, so far as we know, although Gleason (1952) says that intermediate plants are "rarely observed."

***Nuphar pumila* (Timm) DC.**, yellow water-lily

This species is strictly Eurasian in the narrow sense, whereas all the Wisconsin plants once identified as *N. pumila* or *N. lutea* subsp. *pumila* belong to the very similar *N. microphylla* of eastern North America.

***Oenothera grandis* (Britton) Smyth**, large-flowered cut-leaf evening-primrose, showy evening-primrose

A member of the flora of the southern Great Plains, our only collection comes from "R. R. ballast, Plymouth [Sheboygan County]" (Aug 1903, C. Goessl s.n., WIS) and is mounted on the same sheet with specimens of *O. laciniata*, its close and widespread relative.

- Onosmodium molle* Michx.**, marble-seed, smooth onosmodium, western false gromwell
The Wisconsin DNR lists this marble-seed as a ★ SPECIAL CONCERN species. However, Turner (1995) has recently transferred both of our infraspecific native taxa of *O. molle* (subsp. *hispidissimum* and subsp. *occidentale*) to varieties of *O. bejariense*.
- Ophioglossum vulgatum* L.**, southern adder's-tongue
This species has been reported many times for the state (*O. vulgatum* var. *pseudopodium*). However, our taxon is now recognized as a distinct species, *O. pusillum* (see *Flora of North America* Vol. 3).
- Opuntia polyacantha* Haw.**, plains prickly-pear
Similar to *O. macrorhiza*, this western species has been reported by Gleason (1952) and Gleason and Cronquist (1991) as occurring east to Wisconsin and Missouri. There is no confirming specimen (Ugent, 1963) for Wisconsin.
- Paspalum racemosum* Lam.**, Peruvian paspalum
One specimen (31 Aug 1972, *O. Thomson* s.n., WIS) as "a weed from a package of mixed flower seed in a garden..."
- Phacelia purshii* Buckley**, Miami-mist, scorpion-weed
Reported by Fernald (1950), but the range of the species is mostly south and east of our area, and no Wisconsin specimen has been seen.
- Philadelphus coronarius* L. (Hydrangeaceae)**, European mock-orange, sweet mock-orange
Reported from various counties as "escaped" (Fassett, 1932b: 240) or "persisting (and) spreading?" (Lange, 1998: 135), but it is unlikely that any of the herbarium specimens seen came from shrubs that grew outside of cultivation.
- Phoradendron serotinum* (Raf.) M.C.Johnst. (Viscaceae)**, American Christmas mistletoe, oak mistletoe
The one specimen of this southern species (s.d., *Mrs. C. Tracy* s.n., WIS [ex Herbarium Ripon College]) is clearly mislabeled as being from Wisconsin, for its closest stations are in southern Missouri.
- Phyllanthus tenellus* Roxb. (Euphorbiaceae)**, Mascarene Island leaf-flower
A specimen (22 Sep 1983, *M. Bremer* 21, WIS) of this Old World annual species, "...introduced into Florida and...apparently not naturalized further north than the Carolinas" (G. L. Webster, in litt. 1986), appeared in a flower box in Madison. Evidently, this introduction will not survive our winters.
- Pinus mugo* Turra**, mugo pine, Swiss mountain pine
Our one specimen (11 Jun 1972, *M. & W. Rice* 1282, WIS), from a railroad right-of-way in Green County, is no doubt an accidental introduction, what with dwarf ecotypes and cultivated varieties of this European alpine often grown in Wisconsin gardens. This species is not listed for neighboring floras and is not accepted here.
- Plagiobothrys figuratus* (Piper) I.M.Johnst. ex M.Peck**, fragrant popcorn-flower, scorpion-grass
Reported (as *Allocarya figurata*) in Jones and Fuller (1955) as adventive in Wisconsin, but no specimen of this Pacific Northwestern taxon has been located.
- Platanthera blephariglottis* (Willd.) Lindl.**, white fringed orchid
A single collection of white-flowered *Platanthera*, mounted on three sheets (1862, *S. H. Watson* s.n., WIS), from "prairies, Rock County" and labeled *Habenaria leucophaea*, turn out to be *P. blephariglottis*, an eastern and southeastern species mostly of sphagnum bogs. Because they were misidentified, collected in an unlikely habitat, and are out of range (for maps see Case [1987] and Luer [1975]), these implausible records are not accepted by us.
- Platanthera ciliaris* (L.) Lindl.**, yellow fringed orchid
Cited for Wisconsin by Gleason and Cronquist (1991), Rickett (1966), and others, but unsubstantiated by specimens, and neither cited nor mapped for Wisconsin by Case (1987) or Luer (1975), this unmistakable orchid deserves to be excluded.

***Pluchea camphorata* (L.) DC. (Asteraceae)**, camphor pluchea, marsh fleabane

This widespread southern species of freshwater and brackish marshes reaches its northern range limit in central Illinois. Our only collection (Aug 1919, C. Goessl s.n., WIS) from a coal yard at Sheboygan was possibly a one-time waif introduced with ship ballast.

***Polygonum bellardii* All.**, narrow-leaved knotweed

Reported (as *P. aviculare* var. *angustissimum* Meisn.) by Mahony (1932), all WIS specimens so named have been reidentified since then by T. Mertens and/or D. Katz as *P. arenastrum*.

***Polygonum monspeliensis* (L.) Desf.**, annual rabbit's-foot grass

"Collected but once [15 Jul 1903, C. Goessl s.n., MIL]...in Sheboygan in 1903" (Fassett, 1951), this widespread European weed of "ballast and waste places" (Hitchcock & Chase, 1951) has not been collected since in Wisconsin.

***Polystichum lonchitis* (L.) Roth**, northern holly fern

Listed and mapped for Wisconsin in *Flora of North America* Vol. 2, this circumboreal calciphile extends south to Michigan but not Wisconsin, where it apparently has never been collected.

***Potamogeton perfoliatus* L.**, clasping-leaf pondweed, perfoliate pondweed, red-head-grass

There is one specimen in WIS of this cosmopolitan pondweed that might be this species, but it is too poor for certain determination (!B. Hellquist). Another (10 Sep 1989, Levings s.n., ISC) cited by Judziewicz and Koch (1993) needs verification.

***Potentilla canadensis* L.**, dwarf cinquefoil, running five-fingers

This widespread eastern species has been reported in error by Rydberg (1908), and many of our collections were once so-named, owing to confusion with the very similar *P. simplex*, the latter a ubiquitous prairie and savanna species with elongate arching stolons which *P. canadensis* lacks (Mason & Iltis, 1958).

***Prunus mahaleb* L.**, Mahaleb cherry, perfumed cherry

A few collections, apparently from shrubs or trees growing as suckers from old orchard or ornamental trees, have been made of this Old World species, which, used as an understock for the grafting of cherry varieties, has not become part of our flora.

***Prunus pumila* L. var. *depressa* (Pursh) Bean**, Great Lakes sand cherry, sand cherry

Though reported by Fernald (1950), Gleason and Cronquist (1991), and in a recent study (Catling et al., 1999) as occurring in Wisconsin, our collections of this variable species form a continuum which as yet has not lent itself to separation into varieties (Mason & Iltis, 1958). In any case, we have seen no specimens in either the field or in herbaria (MIL, MIN, WIS and Northland College were checked) that can be explicitly labeled *P. depressa* or *P. pumila* var. *depressa*.

***Pulmonaria officinalis* L.**, common lungwort

Reported by Cochrane (1975) as found along the Jump River, Rusk County, but the specimen (07 May 1972, J. Flanagan 01, UWSP) is better referred to *P. saccharata*.

***Rhus toxicodendron* L.**, poison-ivy, poison-oak

Like *Rhus radicans*, a "blanket name" formerly widely used for any poison-oak or poison-ivy in Wisconsin (e.g., Fassett, 1940) and elsewhere. All our poison-ivy specimens represent either the tree-climbing *Toxicodendron radicans* subsp. *negundo* of southern Wisconsin river valleys or the low, non-climbing *T. rydbergii*, widespread throughout the state.

***Robinia viscosa* Vent.**, clammy locust, rose-acacia

Collected once in the Town of Polk, Washington County, probably from a planted specimen (03 Jul 1886, E. Kremers s.n., WIS) (Fassett, 1939), it has not, unlike the similar *R. hispida*, become established in Wisconsin.

***Rosa majalis* Herrm.**, double cinnamon rose

Though reported (as *Rosa cinnamomea* L.) by Fassett (1976) and Swink and Wilhelm (1994), the two collections in WIS, one (20 Jun 1914, C. Goessl s.n.) from an "abandoned homesite," and the other (04 Jun 1887, no collector) from "Cultiv[at]ed," were evidently taken from old gardens.

***Rubus abactus* Bailey**

Reported from Rock County by Musselman et al. (1971) on the strength of A.M. Fuller's annotation of a specimen from Evansville. M. P. Widrlechner, who saw the specimen in question and marked it "insufficient for determination," says (pers. comm.) the collections labeled *R. abactus* by Fuller represent a mixture of species, none of which is the true eastern *R. abactus*.

***Rubus gulosus* L.H. Bailey, New Brunswick blackberry**

Attributed to Wisconsin in the 4th edition of *Spring Flora* (Fassett, 1976), but this is an endemic of New Brunswick and Maine, not represented by any specimens from our state.

***Rubus navus* L.H. Bailey, Grand Lake blackberry**

Another microspecies attributed to Wisconsin (Fassett, 1976), but with the same range as the above and not represented by any specimens from our state.

***Rubus orarius* Blanch., blackberry**

One specimen (in MIL) so named is undoubtedly misidentified. According to Davis et al. (1969), this species known only from coastal Maine.

***Rubus pensilvanicus* Poir., Pennsylvania blackberry, yankee blackberry**

Rubus pensilvanicus (sensu stricto), following Davis et al. (1969), grows from New England to Virginia and does not occur anywhere near Wisconsin.

***Rubus recurvicaulis* Blanch., arching dewberry, Blanchard's dewberry**

This species does not occur in Wisconsin, for according to Davis et al. (1968), it is restricted to New England.

***Ruta graveolens* L. (Rutaceae), common rue**

Of the two specimens in WIS of this subshrub, once much grown for its medicinal and aromatic qualities, one was apparently planted ("Krakow Cemetery," 08 Jul 1954, Sr. Augusta s.n.), and the other ("waste place, Sheboygan," Jul 1918, C. Goessl s.n.) may have escaped from cultivation.

***Sabatia angularis* (L.) Pursh (Gentianaceae), common marsh-pink, rose-pink**

Listed by Fernald (1950) as reaching Wisconsin, this report is evidently based on the single Wisconsin specimen known (ca. 1860, T.J. Hale, GH), which was excluded by Mason and Iltis (1966) as probably not native.

***Salicornia europaea* L. (Chenopodiaceae), samphire, slender glasswort**

Although reported from Wisconsin by Fernald (1950: 599) on "salt-licks and -marshes," no specimen has been seen from our state.

***Saururus cernuus* L. (Saururaceae), lizard's-tail**

There are two specimens in WIS supposedly from Wisconsin: "Southern Wisconsin" (s.d., J. Clark s.n. [ex Herbarium Ripon College]), a designation that is useless as to location; and "Swamps, Quarryville" (13 Jul 1896, S.C. Wadmond s.n.). Fifty-six years later, in a letter to N. C. Fassett, Wadmond could not recall the "Quarryville" site, which, he said, might have been his nickname for a special place, nor had he listed the species in his flora of Racine and Kenosha counties (Wadmond, 1909). It is not unlikely that there may have been a mistake in attributing this species to Wisconsin. However, it is generally distributed in the Chicago region, lacking only from the northern tier of Illinois counties next to Wisconsin (Swink & Wilhelm, 1994), where it is entirely possible (in marshes adjoining Lake Michigan) that this species once grew, and furthermore, where quarries (of Niagara dolomite) have existed for some time.

***Scutellaria incana* Biehler, downy skullcap, hoary skullcap**

Wisconsin is cited in Gleason and Cronquist (1991), but not only is there no Wisconsin specimen (Koeppen, 1957), but Epling's (1942) monograph shows the species to occur no closer than central Illinois and northern Indiana.

***Sedum pulchellum* Michx., rock-moss, widow's-cross**

The only collection (s.d., T.J. Hale s.n. WIS) is not an acceptable record, because the closest stations are in Kentucky, southern Illinois, Missouri, and Oklahoma.

***Selaginella apoda* (L.) Spring, meadow spike-moss**

According to recent research (*Flora of North America* Vol. 2), *S. apoda* (sensu stricto) is mostly a southeastern and eastern species, whereas specimens from Wisconsin known by that name (e.g., Tryon et al., 1953) are to be referred to the allopatric, mostly Ozarkian *S. eclipes*.

***Sherardia arvensis* L. (Rubiaceae)**, blue field madder

There is only one C. Goessl collection (sandy field, Wislon Township, Sheboygan Co., 16 Jul 1903, s.n.), and although widespread in the United States, this Eurasian weed has not yet become established here (Urban & Iltis, 1958).

***Silene dioica* (L.) Clairv.**, morning campion, red catchfly, red campion, red cockle

There are only three old specimens from Wisconsin (01 Aug 1910, C. Goessl s.n.; s.d., J.I. Davis s.n.; 21 Jun 1885, H.L. Smith s.n., all in WIS), of this formerly grown ornamental, and these were probably taken from gardens. It has not been collected here since.

***Silene gallica* L.**, common catchfly, French catchfly

There is only one C. Goessl (Sheboygan, Aug 1919, s.n., WIS) collection, probably taken from a garden.

***Silphium asteriscus* L.**, southern rosinweed, starry rosinweed

The only specimen of this southern forb purporting to be from Wisconsin ("S.W. Wisc.," s.d., J. Clark s.n., WIS [ex Herbarium Ripon College]) is no doubt mislabeled as to location.

***Solanum triflorum* Nutt.**, cut-leaved nightshade

There is only one C. Goessl collection (Jul 1918, s.n., WIS), from a waste place in a coal yard, Sheboygan, of this weedy western species, which never became part of our flora.

***Solidago canadensis* L. var. *gilvocanescens* Rydb.**, Great Plains Canadian goldenrod, short-hair goldenrod

Often reported for the state (Fernald, 1950; Salamun, 1964), but as now understood (Croat, 1972), this variety does not occur in our region. Such reports should be referred to var. *hargerii*.

***Solidago* × *krotkovii* B.Boivin**, Krotkov's goldenrod

Of this rare hybrid (= *S. ohioensis* Riddell × *S. ptarmicoides* (Ness) B.Boivin), there is a collection from Beach, Illinois (now Beach Park, 21 Jul 1908, L. Umbach 2424, WIS), a station that is only 5 miles south of nearly identical low flat calcareous prairies and swales along Lake Michigan at the Chiwaukee Prairie in Wisconsin, where both parents are sympatric and hybrids are to be expected. (The cited collection, and hence the hybrid, was not mentioned in Swink and Wilhelm [1994]).

***Solidago ohioensis* Riddell × *S. riddellii* Frank ex Riddell**

According to a letter from J.-P. Bernard to Salamun (1964), this hybrid was represented among certain goldenrods he had collected from a wet prairie in Kenosha County. We have not seen any specimens (his or anyone else's) so identified, though the two parental species sometimes occur together.

***Spiraea* × *vanhouttei* (Briot) Zabel**, bridal-wreath, Van Houtt's spiraea

Reportedly escaping (Mason & Iltis, 1958), but all WIS records indicate they were based on cultivated plants.

***Spiranthes lucida* (H.H.Eaton) Ames**, shining lady's-tresses, wide-leaved lady's-tresses

Mapped from the northwestern part of the state by Luer (1975), this is a report unsupported by specimens, at least in Wisconsin herbaria. Although rare in the Chicago region, it nevertheless grows in most counties up to the Wisconsin border (Swink & Wilhelm, 1994), and should be looked for on the Chiwaukee Prairie.

***Stylophorum diphyllum* (Michx.) Nutt. (Papaveraceae)**, celandine poppy, mock poppy, wood poppy

Reported from Wisconsin by several authors, including Fernald (1950) and Rickett (1966), but there are no substantiating specimens of this striking yellow-flowered poppy, despite its frequency in cultivation and ready self-seeding in wildflower gardens.

***Stylosanthes biflora* (L.) Britton, Sterns & Poggenb. (Fabaceae)**, pencil-flower, sidebark pencil-flower

There is only one C. Goessl (23 Jun 1903, s.n., WIS) collection from a waste place in Sheboygan of this common and widespread southern species, which never became part of our flora.

***Talinum parviflorum* Nutt.**, prairie fame-flower, sunbright

Mapped for Wisconsin in the *Atlas of the Flora of the Great Plains* (Great Plains Flora Association, 1977) and in Carter and Murdy (1985), this error was based on a depauperate specimen of *T. rugospermum* that had been mistaken for this species (R. L. McGregor, in litt.).

***Thelypteris noveboracensis* (L.) Nieuwl.**, New York fern

Several specimens under this name, cited in error as from Wisconsin (as *Aspidium noveboracense*) by Steil and Fuller (1928), were later correctly identified as other species, namely, *Athyrium filix-femina* var. *angustum*, *Deparia acrostichoides*, and *Thelypteris palustris* var. *pubescens*, by Breakey and Walker (1931). The species is not cited in either Tryon et al. (1940, 1953) or Peck and Taylor (1980).

***Tradescantia virginiana* L.**, Virginia spiderwort, widow's-tears

Although reported from Buffalo County by Anderson and Woodson (1935), Anderson himself later (1954: 310) stated "The previous record from Wisconsin is in error." This report, still being repeated in standard manuals (see *Flora of North America* Vol. 22) and wildflower books (Wells et al., 1999), remains unsupported by specimens in herbaria in Wisconsin or anywhere else, so far as known. Therefore, the mostly southeastern *T. virginiana* is excluded from our flora.

***Trifolium resupinatum* L.**, Persian clover, reversed clover, strawberry clover

Though reported for Wisconsin by Fassett (1939) and Gillett and Cochrane (1973), all specimens are old, and having been collected from (newly seeded) lawns, were probably inadvertently planted as a component of the commercial seed mix rather than established as a legitimate weed.

***Trillium erectum* L.**, purple trillium, red trillium, stinking-Benjamin

Reported as occurring in Wisconsin by various authors, but no specimens (except under cultivation) have ever been seen by us. Nevertheless, there are collections (Swink & Wilhelm, 1994) from two Illinois counties (Lake and McHenry) that are adjacent to Wisconsin.

***Trillium undulatum* Willd.**, painted trillium

Reported by Fernald (1950), Rickett (1966), and Samejima and Samejima (1987) as occurring in Wisconsin, these reports were based on a specimen from "Schoeclert's Woods, Johnson Creek, Wis. [Jefferson County]" (12 Jun 1909, P.O. Schallert 1690, DUKE), which lacks any information as to status and cannot be accepted as a wild population of this often cultivated, eastern species, which here would be far out of range.

***Urtica urens* L.**, burning nettle, dwarf nettle, stinging nettle

There is only one C. Goessl specimen (28 Jul 1914, s.n., WIS), from "waste ground" in Sheboygan, of this Eurasian weed, which has not become established in Wisconsin.

Vicia sativa* L. subsp. *sativa, common vetch, narrow-leaved vetch, spring vetch

Only one C. Goessl (07 Jul 1914, s.n., WIS) collection from Sheboygan, which no doubt came in with other agricultural seeds but never became naturalized.

***Vicia tetrasperma* (L.) Moench**, lentil vetch, four-seeded vetch

Although reported for Wisconsin by Gleason and Cronquist (1991), Fassett (1939) did not list this Eurasian weed, and it is excluded for lack of a voucher specimen.

***Vitis cinerea* Engelm.**, gray-bark grape, pigeon grape

Although reported for southern Wisconsin in standard manuals (Gleason, 1952; Gleason & Cronquist, 1991), possibly on the authority of L. H. Bailey (see Pohl, 1940), this and any other reports should be transferred to *V. aestivalis* var. *argentifolia*, our northern summer grape.

***Woodsia scopulina* D.C.Eaton**, mountain cliff fern, Rocky Mountain woodsia

Attributed to northern Wisconsin by Fernald (1950) and said to grow at one place in Douglas County by Tyron et al. (1940, 1953), but the specimen originally identified as this species has since been reidentified as *W. X abbeae*.

Xyris difformis* Chapman var. *difformis, bog yellow-eyed-grass

Although Kral, in *Flora of North America* (2000), records this mostly coastal plain taxon in Wisconsin, its geographical distribution as shown by him (1966, 2000) suggests that it does not extend into our state. Not being able to find a specimen anywhere, we are excluding it from our flora.

The USDA PLANTS National Database web site of the Natural Resources Conservation Service, U.S. Department of Agriculture (<http://plants.usda.gov/plants/>) reports (as of January, 1999) a considerable number of additional taxa for Wisconsin which cannot, at least for now, be accepted due to lack of voucher specimens. Of course, specimens may exist in herbaria not examined by

us, or they may be misidentified, or they may be missing, or the reported occurrence in Wisconsin may be based solely on an erroneous literature citation. Some of the taxa listed in Table 8, such as *Narcissus poeticus* L., *Prunus avium* (L.) L., and *Ribes uva-crispa* L. var. *sativum* DC., do indeed grow in Wisconsin, but as cultivated species only with no "wild" population as yet documented.

Table 8. Additional taxa attributed to Wisconsin but considered as Excluded Taxa in this checklist.

| |
|---|
| <i>Acer saccharum</i> Marshall var. <i>schneckii</i> Rehder |
| <i>Achnatherum hymenoides</i> (Roem. & Schult.) Barkworth |
| <i>Agrimonia rostellata</i> Wallr. |
| <i>Allium schoenoprasum</i> L. var. <i>sibiricum</i> (L.) Hartm. |
| <i>Allium vineale</i> L. subsp. <i>vineale</i> |
| <i>Amaranthus palmeri</i> S.Watson |
| <i>Aristida longespica</i> Poir. var. <i>longespica</i> |
| <i>Atriplex tatarica</i> L. |
| <i>Boltonia asteroides</i> (L.) L'Hér. var. <i>latisquama</i> (A.Gray) Cronquist |
| <i>Bromus arvensis</i> L. |
| <i>Cardamine pratensis</i> L. var. <i>pratensis</i> |
| <i>Carex amphibola</i> Steud. |
| <i>Carex conjuncta</i> Boott |
| <i>Carex lapponica</i> O.Lang |
| <i>Chamaecrista nictitans</i> (L.) Moench subsp. <i>nictitans</i> var. <i>nictitans</i> |
| <i>Chenopodium berlandieri</i> Moq. var. <i>berlandieri</i> |
| <i>Chenopodium vulvaria</i> L. |
| <i>Cicuta maculata</i> L. var. <i>angustifolia</i> Hook. |
| <i>Cicuta maculata</i> L. var. <i>bolanderi</i> (S.Watson) G.A.Mulligan |
| <i>Cornus</i> × <i>slavini</i> Rehder |
| <i>Crataegus nitida</i> (Engelm.) Sarg. |
| <i>Cyperus echinatus</i> (L.) A.W.Wood |
| <i>Dichanthelium oligosanthes</i> (Schult.) Gould var. <i>oligosanthes</i> |
| <i>Dichanthelium ovale</i> (Elliott) Gould & C.A.Clark var. <i>addisonii</i> (Nash) Gould & C.A.Clark |
| <i>Dichanthelium ovale</i> (Elliott) Gould & C.A.Clark var. <i>ovale</i> |
| <i>Dichanthelium sabulorum</i> (Lam.) Gould & C.A.Clark |
| <i>Dioscorea quaternata</i> J.F.Gmel. |
| <i>Draba glabella</i> Pursh |
| <i>Eleocharis parvula</i> (Roem. & Schult.) Link ex Bluff, Nees & Schauer |
| <i>Eriophorum angustifolium</i> Honck. subsp. <i>scabriusculum</i> Hultén |
| <i>Euphorbia spathulata</i> Lam. |
| <i>Gaillardia pulchella</i> Foug. var. <i>pulchella</i> |
| <i>Gentiana septemfida</i> Pall. |
| <i>Geranium carolinianum</i> L. var. <i>carolinianum</i> |
| <i>Glyceria laxa</i> (Scribn.) Scribn. |
| <i>Gymnocarpium</i> × <i>brittonianum</i> (Sarvela) Pryer & Haufler |
| <i>Helianthus</i> × <i>intermedius</i> R.W.Long |
| <i>Hepatica nobilis</i> Schreb. |
| <i>Hieracium</i> × <i>fernaldii</i> Lepage |
| <i>Juncus effusus</i> L. var. <i>conglomeratus</i> (L.) Engelm. |
| <i>Juncus nodatus</i> Coville |
| <i>Juncus scirpoides</i> Lam. |
| <i>Lactuca saligna</i> L. |
| <i>Lactuca tatarica</i> (L.) C.A.Mey. |
| <i>Lechea minor</i> L. |
| <i>Lechea mucronata</i> Raf. |
| <i>Liatris scariosa</i> (L.) Willd. var. <i>nieuwlandii</i> Lunell |
| <i>Listera</i> × <i>veltmanii</i> Case |
| <i>Lonicera villosa</i> (Michx.) Schult. var. <i>solonis</i> (Eaton) Fernald |

(continued on next page)

Table 8. *Continued*

Lygodesmia juncea (Pursh) D. Don ex Hook.
Lysimachia punctata L.
Madia sativa Molina
Melampyrum lineare Desr. var. *latifolium* Bart.
Mirabilis linearis (Pursh) Heimerl
Monarda fistulosa L. subsp. *fistulosa* var. *menthifolia* (Graham) Fernald
Myriophyllum hippuroides Nutt. ex Torr. & A. Gray
Narcissus poeticus L.
Nuphar lutea (L.) Sm.
Oligoneuron × *lutescens* (Lindl. ex DC.) G.L. Nesom
Philadelphus inodorus L.
Physalis pubescens L.
Platanthera hyperborea (L.) Lindl. var. *hyperborea*
Polemonium caeruleum L.
Polygonum fowleri B.L. Rob.
Polygonum scandens L. var. *dumetorum* (L.) Gleason
Populus × *canadensis* Moench (pro sp.)
Potentilla rivalis Nutt. var. *millegrana* (Engelm. ex Lehm.) S. Watson
Proserpinaca palustris L. var. *palustris*
Prunus avium (L.) L.
Psoralidium tenuiflorum (Pursh) Rydb.
Ranunculus ficaria L. var. *bulbifera* Marsden-Jones
Rhamnus lanceolata Pursh subsp. *lanceolata*
Ribes aureum Pursh
Ribes uva-crispa L. var. *sativum* DC.
Rorippa cantoniensis (Lour.) Ohwi
Rosa cinnamomea L.
Rosa × *housei* Erlanson (pro sp.)
Rosa micrantha Borrer ex Sm.
Rubus adjacens Fernald
Rubus fecundus L.H. Bailey
Rubus kennedyanus Fernald
Rubus odoratus L. var. *odoratus*
Rubus permixtus Blanch.
Rubus philadelphicus Blanch.
Rubus setosus Bigelow
Rumex sanguineus L.
Salix viminalis L.
Salvia × *sylvestris* L. (pro sp.)
Sambucus racemosa L. var. *racemosa*
Sarracenia purpurea L. subsp. *gibbosa* (Raf.) Wherry
Schedonnardus paniculatus (Nutt.) Trel.
Sisyrinchium farwellii E.P. Bicknell
Solidago hispida Muhl. ex Willd. var. *arnoglossa* Fernald
Spiranthes vernalis Engelm. & A. Gray
Streptopus amplexifolius (L.) DC. var. *amplexifolius*
Streptopus lanceolatus (Aiton) Reveal
Symphyotrichum lanceolatum (Willd.) G.L. Nesom subsp. *lanceolatum* var. *hirsuticaule* (Semple & Chmiel.) G.L. Nesom
Symphyotrichum lanceolatum (Willd.) G.L. Nesom subsp. *lanceolatum* var. *latifolium* (Semple & Chmiel.) G.L. Nesom
Symphyotrichum lateriflorum (L.) A.Löve & D.Löve var. *angustifolium* (Wiegand) G.L. Nesom
Symphyotrichum praealtum (Poir.) G.L. Nesom var. *praealtum*
Taraxacum officinale Weber subsp. *vulgare* (Lam.) Schinz & R. Keller
Teucrium canadense L. var. *canadense*
Tripleurospermum perforata (Merat) M. Laínz
Vernonia arkansana DC.
Vicia villosa Roth subsp. *varia* (Host) Corb.
Viola × *bernardii* Greene (pro sp.)
Viola × *bissellii* House
Viola blanda Willd. var. *blanda*
Viola × *conjugens* Greene (pro sp.)
Vulpia octoflora (Walter) Rydb. var. *octoflora*
Wolffiella gladiata (Hegelm.) Hegelm.

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LITERATURE CITED
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ACKNOWLEDGMENTS



ROBERT H READ



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ROBERT R KOWAL

LITERATURE CITED

- Anderson, E. 1954. A field survey of chromosome numbers in the species of *Tradescantia* closely allied to *T. virginiana*. *Annals of the Missouri Botanical Garden* 41:305-327.
- Anderson, E. and R.E. Woodson. 1935. The species of *Tradescantia* indigenous to the United States. *Contributions from the Arnold Arboretum of Harvard University* 9:1-132 + 12 plates.
- Ballard, H.E., Jr. 1994. Violets of Michigan. *Michigan Botanist* 33:131-199.
- Bayer, R.J. 1989. Nomenclatural rearrangements in *Antennaria neodioica* and *A. howellii* (Asteraceae: Inuleae: Gnaphaliinae). *Brittonia* 41:396-398.
- Bayer, R.J. and G.L. Stebbins. 1982. A revised classification of *Antennaria* (Asteraceae: Inuleae) of the eastern United States. *Systematic Botany* 7:300-313.
- Bisby, F. 1995. Plant names in botanical databases. Plant Taxonomic Database Standards No. 3. Hunt Institute for Botanical Documentation, Pittsburgh, PA. 30 pp.
- Brako, L., A.Y. Rossman and D.F. Farr. 1995. *Scientific and Common Names of 7,000 Vascular Plants in the United States*. American Phytopathological Society, St. Paul, MN. 295 pp.
- Breakey, E.W. and R.I. Walker. 1931. Preliminary reports on the flora of Wisconsin. XII. Polypodiaceae. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 26:263-273.
- Brues, C.T. and B.B. Brues. 1914. The grasses of Milwaukee County [, Wisconsin]. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters*. 17:57-76.
- Brummitt, R.K. and C.E. Powell (eds.). 1992. *Authors of Plant Names*. Royal Botanic Gardens, Kew, Great Britain. 732 pp.
- Carter, M.E. and W.H. Murdy. 1985. Systematics of *Talinum parviflorum* Nutt. and the origin of *T. teretifolium* Pursh (Portulacaceae). *Rhodora* 87:121-130.
- Case, F.W., Jr. 1987. *Orchids of the Western Great Lakes Region*, rev. ed. Bulletin No. 48. Cranbrook Institute of Science, Bloomfield Hills, MI. 251 pp.
- Catling, P.M., S.M. McKay-Kuja and G. Mitrow. 1999. Rank and typification in North American dwarf cherries, and a key to the taxa. *Taxon* 48:483-488.
- Cochrane, T.S. 1975. Notes on the flora of Wisconsin – I. New and corrected records of Boraginaceae. *Michigan Botanist* 14:115-123.
- Cochrane, T.S. and H.H. Iltis. 2000. Atlas of the Wisconsin Prairie and Savanna Flora. Technical Bulletin No. 191. Wisconsin Dept. Natural Resources, Madison, WI. 226 pp.
- Cochrane, T.S., M.M. Rice and W.E. Rice. 1984. The flora of Rock County, Wisconsin: supplement I. *Michigan Botanist* 23:121-133.
- Croat, T. 1972. *Solidago canadensis* complex of the Great Plains. *Brittonia* 24:317-326.
- Cronquist, A. 1981. *An Integrated System of Classification of Flowering Plants*. Columbia Univ. Press, New York, NY. 1262 pp.
- Curtis, J.T. 1959. *The Vegetation of Wisconsin: An Ordination of Plant Communities*. Univ. Wisconsin Press, Madison, WI. 657 pp.
- Davis, H.A., A.M. Fuller and T. Davis. 1968. Contributions toward the revision of the *Eubati* of eastern North America. III. *Flagellares*. *Castanea* 33:206-141.
- Davis, H.A., A.M. Fuller and T. Davis. 1969. Contributions toward the revision of the *Eubati* of eastern North America. V. *Arguti*. *Castanea* 34:235-266.
- Drescher, A.A. 1933. Preliminary reports on the flora of Wisconsin. XXII. Cornaceae – dogwood family. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 28:187-190.
- Eddy, T.L. 1996. A vascular flora of Green Lake County, Wisconsin. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 84:23-67.
- Epling, C. 1942. The American species of *Scutellaria*. *University of California Publications in Botany* 20:1-146.
- Fassett, N.C. 1927. Notes from the herbarium of the University of Wisconsin I. *Rhodora* 29:233.
- Fassett, N.C. 1932a. Preliminary reports on the flora of Wisconsin. XVII. Myricaceae; Juglandaceae. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 27:231-234.
- Fassett, N.C. 1932b. Preliminary reports on the flora of Wisconsin. XIX. Saxifragaceae. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 27:237-246.
- Fassett, N.C. 1939. *The Leguminous Plants of Wisconsin*. Univ. Wisconsin Press, Madison, WI. 1-157 pp. + 59 figs., 24 plates.
- Fassett, N.C. 1940. Preliminary reports on the flora of Wisconsin. XXIX. Anacardiaceae. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 32:103-106.
- Fassett, N.C. 1944a [“1943”]. Preliminary reports on the flora of Wisconsin. XXXI. Solanaceae. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 35:105-112.
- Fassett, N.C. 1944b. *Dodecatheon* in eastern North America. *American Midland Naturalist* 13:455-486.
- Fassett, N.C. 1947 [“1946”]. Preliminary reports on the flora of Wisconsin. XXXIII. Ranunculaceae. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 38:189-210.

- Fassett, N.C. 1951. *Grasses of Wisconsin*. Univ. Wisconsin Press, Madison, WI. 173 pp. + 356 figs., 182 maps.
- Fassett, N.C. 1957. *Spring Flora of Wisconsin*, 3rd ed. Univ. Wisconsin Press, Madison, WI. 189 pp.
- Fassett, N.C. 1976. *Spring Flora of Wisconsin*, 4th ed., rev. and enlarged by O. S. Thomson. Univ. Wisconsin Press, Madison, WI. 413 pp.
- Fernald, M.L. 1950. *Gray's Manual of Botany*, 8th ed. Dioscorides Press, Portland, OR. 1632 pp. [Reprinted with corrections in 1987.]
- Flora of North America Editorial Committee (eds.). 1993. *Flora of North America*. Vol. 2. *Pteridophytes and Gymnosperms*. Oxford Univ. Press, New York, NY. 475 pp.
- Flora of North America Editorial Committee (eds.). 1997. *Flora of North America*. Vol. 3. *Magnoliophyta: Magnoliidae and Hamamelidae*. Oxford Univ. Press, New York, NY. 590 pp.
- Flora of North America Editorial Committee (eds.). 2000. *Flora of North America*. Vol. 22. *Magnoliophyta: Alismatiidae, Arecidae, Commelinidae (in part), and Zingiberidae*. Oxford Univ. Press, New York, NY. 352 pp.
- Fogelberg, S.O. 1937. Preliminary reports on the flora of Wisconsin. XXVI. Convolvulaceae. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 30:21-25
- Fuller, A.M. 1933. *Studies on the Flora of Wisconsin, Part I: The Orchids; Orchidaceae*. Bulletin No. 14. Milwaukee Public Museum, Milwaukee, WI. 284 pp. + 54 plates, 2 figs., 24 maps.
- Gentry, J.L. 1978. Current status of the genus *Hackelia* (Boraginaceae). *Michigan Botanist* 17:48.
- Gillett, J.M. and T.S. Cochrane. 1973. Preliminary reports on the flora of Wisconsin. No. 63. The genus *Trifolium* – the clovers. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 61:59-73.
- Gleason, H.A. 1952. *The New Britton and Brown Illustrated Flora of the Northeastern United States and Adjacent Canada*. 3 Vols. New York Botanical Garden, Bronx, NY.
- Gleason, H.A. and A. Cronquist. 1991. *Manual of Vascular Plants of Northeastern United States and Adjacent Canada*, 2nd ed. The New York Botanical Garden, Bronx, NY. 910 pp.
- Great Plains Flora Association. 1977. *Atlas of the Flora of the Great Plains*. Iowa State Univ. Press, Ames, IA. 600 pp.
- Hartley, T.G. 1960. The flora of the "Driftless Area." *Iowa University Studies in Natural History* 21:1-174.
- Hathway, E.C. and K.E. Hoagland (eds.). 1993. *ASC Guidelines for Institutional Database Policies*. Association of Systematics Collections, Washington, DC. 76 pp.
- Hitchcock, A.S. and A. Chase. 1951. *Manual of the Grasses of the United States*, 2nd ed. Miscellaneous Publication No. 200. U.S. Dept. Agriculture, Washington, DC. 1051 pp.
- Hoffman, R. and K. Kearns (eds.). 1997. *Wisconsin Manual of Control Recommendations for Ecologically Invasive Plants*. Bureau of Endangered Resources, Wisconsin Dept. Natural Resources, Madison, WI. 102 pp.
- Hopkins, M. 1937. *Arabis* in eastern and central North America. *Rhodora* 39:63-98; 106-148; 155-186.
- Iltis, H.H. and T.S. Cochrane. 1999. "A cabinet of natural history: the University of Wisconsin-Madison Herbarium's sesqui-centennial, 1849-1999. *Wisconsin Academy Review* 45:30-36.
- Iltis, H.H., T.S. Cochrane and N.A. Harriman. 1994. Reports on the flora of Wisconsin. Contributions from the University of Wisconsin Herbarium No. 10. Univ. Wisconsin, Madison, WI. 20 pp. [electronic version at <http://www.wisc.edu/botany/herbarium/Report.html>]
- Iltis, H.H., J. Reed and T. Melchert. 1960. *Elymus arenarius* and *Diarrhena americana* in Wisconsin. *Rhodora* 62:199-201.
- Iltis, H.H. and W.M. Shaughnessy. 1960. Preliminary reports on the flora of Wisconsin. No. 43. Primulaceae – primrose family. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 49:113-135.
- Johnson, M.F. and H.H. Iltis. 1964 ["1963"]. Preliminary reports on the flora of Wisconsin. No. 48. Compositae I – Composite family 1. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 52:255-342.
- Jones, G. N. and G. D. Fuller. 1955. *Vascular Plants of Illinois*. Univ. Illinois Press, Urbana and Illinois State Museum, Springfield. 593 pp. + 1375 maps. [Museum Scientific Series, Vol. VI].
- Judziewicz, E.J. and R.G. Koch. 1993. Flora and vegetation of the Apostle Islands National Lakeshore and Madeline Island, Ashland and Bayfield Counties, Wisconsin. *Michigan Botanist* 32:43-189.
- Kartesz, J.T. 1994. *A Synonymized Checklist of the Vascular Flora of the United States, Canada, and Greenland*, 2nd ed. 2 Vols. Timber Press, Portland, OR.
- Koepfen, R.C. 1957. Preliminary reports on the flora of Wisconsin. No. 41. Labiatae – mint family. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 46:115-140.
- Kral, R. 1966. The genus *Xyris* (Xyridaceae) in the southeastern United States and Canada. *Sida* 2:177-260.
- Kruschke, E. P. 1955. Hawthorns of Wisconsin. *Publications in Botany* No. 2. Milwaukee Public Museum, Milwaukee, WI. 124 pp.
- Kruschke, E.P. 1965. Contributions to the taxonomy of *Crataegus*. *Publications in Botany* No. 3. Milwaukee Public Museum, Milwaukee, WI. 273 pp.

- Lange, K.I. 1998. Flora of Sauk County and Caledonia Township, Columbia County, South Central Wisconsin. Technical Bulletin No. 190. Wisconsin Dept. Natural Resources, Madison, WI. 168 pp.
- Lourteig, A. 1979. Oxalidaceae extra-austroamericanae. II. *Oxalis* L. sectio *Corniculatae* DC. *Phytologia* 42:57-198.
- Luer, C.A. 1975. *The Native Orchids of the United States and Canada excluding Florida*. New York Botanical Garden, New York, NY. 361 pp.
- Mahony, K. 1932. Preliminary reports on the flora of Wisconsin. XV. Polygonaceae. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 27:207-226.
- Mason, C.T., Jr. and H.H. Iltis. 1966 ["1965"]. Preliminary reports on the flora of Wisconsin. No. 53. Gentianaceae and Menyanthaceae – gentian and buckbean families. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 54:295-329.
- Mason, H.G. and H.H. Iltis. 1958. Preliminary reports on the flora of Wisconsin. No. 42 – Rosaceae I – rose family. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 47:65-97.
- Mather, F. 1897. *Men I Have Fished With*. Forest and Stream Publishing Co., New York, NY. 371 pp.
- McIntosh, J.A. 1950. Preliminary reports on the flora of Wisconsin. XXXIV. Liliales. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 40(1):215-242.
- Mickelson, C.J. and H.H. Iltis. 1966. Preliminary reports on the flora of Wisconsin. No. 55. Compositae IV – composite family IV. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 55:187-222.
- Musselman, L.J., T.S. Cochrane, W.E. Rice and M.M. Rice. 1971. The flora of Rock County, Wisconsin. *Michigan Botanist* 10:147-193.
- Nuttall, T. 1818. *The Genera of North American Plants, and a Catalogue of the Species, to the year 1817*. 2 Vols. Privately published, Philadelphia, PA.
- Ownbey, G.B. and T. Morley. 1991. *Vascular Plants of Minnesota, a Checklist and Atlas*. Univ. Minnesota Press, Minneapolis, MN. 306 pp.
- Patman, J.P. and H.H. Iltis. 1962 ["1961"]. Preliminary reports on the flora of Wisconsin. No. 44. Cruciferae – mustard family. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 50:17-72.
- Pavlick, L. 1995. *Bromus of North America*. Royal British Columbia Museum, Victoria, BC, Canada. 160 pp.
- Peck, J.H. and W.C. Taylor. 1980. Check list and distributions of Wisconsin ferns and fern allies. *Michigan Botanist* 19:251-268.
- Pennell, F.W. 1935. The Scrophulariaceae of eastern temperate North America. *Monographs of the Academy of Natural Sciences of Philadelphia* 1:1-650 + 2 maps.
- Phipps, J.H. and I. Muniyamma. 1980. A taxonomic revision of *Crataegus* (Rosaceae) in Ontario. *Canadian Journal of Botany* 58:1621-1699.
- Phipps, J.H., K.R. Robertson, P. G. Smith and J. R. Rohrer. 1990. A checklist of the subfamily Maloideae (Rosaceae). *Canadian Journal of Botany* 68:2209-2269.
- Pohl, R.W. 1940. Preliminary reports on the flora of Wisconsin. XXX. Rhamnales. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 32:107-111.
- Pringle, J.S. 1967. Taxonomy of *Gentiana*, section *Pneumonanthe*, in eastern North America. *Brittonia* 19:1-32.
- Read, R.H. (with the collaboration of the University of Wisconsin Herbarium). 1976. Endangered and threatened vascular plants in Wisconsin. Technical Bulletin No. 92. Wisconsin Dept. Natural Resources, Madison, WI. 58 pp.
- Richardson, J.W., D. Burch and T.S. Cochrane. 1988 ["1987"]. The flora of Wisconsin. Preliminary report No. 69. Euphorbiaceae - the spurge family. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 75:97-129.
- Rickett, H.W. 1966. *Wild Flowers of the United States, Vol. 1. The Northeastern States*. New York Botanical Garden and McGraw-Hill Book Co., NY. 559 pp.
- Rill, K.D. 1983. A vascular flora of Winnebago County, Wisconsin. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 71(part 2):155-180.
- Rollins, R.C. 1941. Monographic study of *Arabis* in western North America. *Rhodora* 43:289-325; 348-411; 425-481.
- Rydberg, P.A. 1908. Rosaceae (pars.). *North American Flora* 22 (4):293-388.
- Salamun, P.J. 1951. Preliminary reports on the flora of Wisconsin. XXXVI. Scrophulariaceae. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 40(2):111-138.
- Salamun, P.J. 1964 ["1963"]. Preliminary reports on the flora of Wisconsin. No. 50. Compositae III – composite family III. The genus *Solidago* – goldenrod. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 52:353-382.
- Samejima, K. and J. Samejima. 1987. *Trillium Genus Illustrated*. Hokkaido Univ. Press, Sapporo, Japan. 237 pp.
- Schlesing, R.A. and H.H. Iltis. 1962 ["1961"]. Preliminary reports on the flora of Wisconsin. No. 46. Caryophyllaceae – pink family. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 50:89-139.
- Seymour, F.C. 1960. *Flora of Lincoln County, Wisconsin. An Annotated List of Flowering Plants and Ferns*. Privately published, Taunton, MA. 364 pp.
- Shinners, L.H. 1941. The genus *Aster* in Wisconsin. *American Midland Naturalist* 26:398-420.
- Small, J.K. and P.A. Rydberg. 1905. Family 5. Saxifragaceae. *North American Flora* 22(2):81-158.

- Steil, W.N. and A.M. Fuller. 1928. Ferns and fern allies in Wisconsin. *American Fern Journal* 18:105-114. [Continued as 1929. Ferns and fern allies in Wisconsin – II. *American Fern Journal* 19:1-10.]
- Stevenson, D.W. and H. Loconte. 1995. Cladistic analysis of monocot families. Pp. 543-578. In P.J. Rudall, P.J. Cribb, D.F. Cutler and C.J. Humphries (eds.). *Monocotyledons: Systematics and Evolution*. Royal Botanic Gardens, Kew, England.
- Swezey, G.D. 1883. Catalogue of the phaenogamous and vascular cryptogamous plants of Wisconsin. Pp. 376-395. In T.C. Chamberlin. *Geology of Wisconsin, Survey 1873-1879, Vol. 1*. Wisconsin Chief Geologist, Madison, WI.
- Swink, F. and G. Wilhelm. 1994. *Plants of the Chicago Region*, 4th ed. Indiana Academy of Science, Indianapolis, IN. 921 pp.
- Terrell, E.E. 1996. Revision of *Houstonia* (Rubiaceae-Hedyotideae). *Systematic Botany Monographs* 48:1-118.
- Tryon, R.M., N.C. Fassett, D.W. Dunlop and M.E. Diemer. 1940. *The Ferns and Fern Allies of Wisconsin*. Dept. Botany, Univ. Wisconsin, Madison, WI. 158 pp. + 215 figs., 76 maps.
- Tryon, R.M., N.C. Fassett, D.W. Dunlop and M.E. Diemer. 1953. *The Ferns and Fern Allies of Wisconsin*, 2nd ed. Univ. Wisconsin Press, Madison, WI. 158 pp. + 215 figs., 76 maps.
- Turner, B. L. 1995. Synopsis of the genus *Onosmodium* (Boraginaceae). *Phytologia* 78:39-60.
- Ugent, D. 1963 ["1962"]. Preliminary reports on the flora of Wisconsin. No. 47. The orders Thymelaeales, Myrtales, and Cactales. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 51:83-134.
- Urban, E.K. and H.H. Iltis. 1958 ["1957"]. Preliminary reports on the flora of Wisconsin. No. 38. Rubiaceae – madder family. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 46:91-104.
- Voss, E.G. 1972. *Michigan Flora, Part I. Gymnosperms and Monocots*. Bulletin No. 55. Cranbrook Institute of Science and Univ. Michigan Herbarium, Bloomfield Hills, MI. 488 pp.
- Voss, E.G. 1985. *Michigan Flora, Part II. Dicots (Saururaceae – Cornaceae)*. Bulletin No. 59. Cranbrook Institute of Science and Univ. Michigan Herbarium, Bloomfield Hills, MI. 724 pp.
- Voss, E.G. 1996. *Michigan Flora, Part III. Dicots (Pyrolaceae – Compositae)*. Bulletin No. 61. Cranbrook Institute of Science and Univ. Michigan Herbarium, Bloomfield Hills, MI. 622 pp.
- Wadmond, S.C. 1909. Flora of Racine and Kenosha counties, Wisconsin: a list of fern and seed plants growing without cultivation. *Transactions of the Wisconsin Academy of Sciences, Arts, and Letters* 16(2):798-888.
- Wadmond, S.C. 1933. Notes from southeastern Wisconsin. *Rhodora* 35:252-256.
- Wagner, W.H., Jr. 1966. New data on North American oak ferns, *Gymnocarpium*. *Rhodora* 68:121-138.
- Wells, J.R., F.W. Case, Jr. and T.L. Mellichamp. 1999. *Wildflowers of the Western Great Lakes Region*. Bulletin No. 63. Cranbrook Institute of Science, Bloomfield Hills, MI. 284 pp.
- Widrechner, M.P. 1998. The genus *Rubus* L. in Iowa. *Castanea* 63:415-465.
- Yuncker, T. G. 1932. The genus *Cuscuta*. *Memoirs of the Torrey Botanical Club* 18(2):113-331.

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Merel R. Black is a computer programmer/analyst who designed, wrote, and implemented the WISCOMP computer system. This system integrates a database of all the label data from the Wisconsin State Herbarium's specimens, the loan/exchange information, and the authority tables including the taxonomic names of all the Wisconsin vascular plants. She also maintains and updates the Wisconsin vascular plant checklist on the World Wide Web (<http://www.wisc.edu/herbarium>). Merel is active in prairie management and restoration and volunteers for several conservation organizations.

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