A Catalog of the Flora of Cedar Creek
Natural History Area,
Anoka and Isanti Counties, Minnesota
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Our museum program then has two main goals:
1. Improve understanding and appreciation of the diversity, evolution, and complex functions in the natural world.
2. Evaluate man's impact on the environment, the consequences of disregard for ecological principles, and the course that must be followed to provide a high quality of life for future generations.

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A Catalog of the Flora of Cedar Creek Natural History Area, Anoka and Isanti Counties, Minnesota

By

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28 September 1973
Price: $1.50
# Table of Contents

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>PREFACE</td>
<td>i</td>
</tr>
<tr>
<td>FERN ALLIES</td>
<td>1</td>
</tr>
<tr>
<td>FERNS</td>
<td>1</td>
</tr>
<tr>
<td>GYMNOSPERMS</td>
<td>2</td>
</tr>
<tr>
<td>ANGIOSPERMS</td>
<td>2</td>
</tr>
<tr>
<td>INDEX OF GENERA</td>
<td>22</td>
</tr>
<tr>
<td>INDEX OF COMMON NAMES</td>
<td>23</td>
</tr>
<tr>
<td>MAP OF CEDAR CREEK AREA</td>
<td>Insert</td>
</tr>
</tbody>
</table>
PREFACE

The Cedar Creek Natural History Area is located 30 miles north of the Twin Cities and a mile and a half east of Cooper's Corner on Highway No. 65 (see map). The area comprises about 4400 acres in Anoka and Isanti Counties.

The area is part of the Anoka Sandplain, which was formed during the last stages of the late Wisconsin glaciation. This phase of glaciation took place about 12,000-13,000 years ago. The changes in topography since then have been slight. Sand dunes were formed on the uplands of the sandy outwash-plain during dry climatic periods with prevailing southwest winds. Such dunes have largely been stabilized and are overgrown with prairie and woodland vegetation. The low water-filled depressions have become swamps, bog lakes, and bogs.

Early settlers first took up land in the area in 1856. After the land was cleared of scattered Pine, Oak, and other hardwoods, and cropped for one or two years, the sandy and drier peaty soils proved to be very infertile. The fencing of lands and the increasing of dairy herds was a profitable change except for the very dry years in the 1930s, when pastures and fields became open sand dunes. Partially covered fences are still in evidence on many land tracts. During this period a number of farmers discontinued farm operations and their lands were left fallow. The old fields and those not recently plowed support a growth of European and native weeds along with plants that have reseeded themselves from peripheral areas.

The upland soil types are relatively few. The sandy uplands of the southern part of the area are made up of Hinckley fine-sand and the central and northern portions of Merrimac loamy-sand. To the east and north of Fish Lake there is a strip of Merrimac loamy fine-sand. These soils are occupied by patches of prairie, Oak savannah, mixed hardwood forest, and stands of White, Jack, and Red Pine. The vegetation of these lands is like that of similar areas found much farther north in Minnesota.

Cedar Creek, from which the area derives its name, flows along the west side of the area and continues south and westward until it enters the Rum River a few miles north of the city of Anoka. It is a shallow, slow-flowing stream that receives some water from Ice Lake and Cedar Bog Lake swamps.

Cedar Bog Lake, in the center of the area, has also been called Decodon Pond because of the zone of Swamp Loosestrife adjacent to the open water. A wide zone of White Cedar, Tamarack, and Black Ash swamp surrounds this lake.

Two other interesting lakes occupy basins on the east side of the area. Beckman Lake, the smaller one, is located in Athens Township, Isanti County. It is a partially filled basin with a marginal quaking bog composed of Sphagnum and a Sedge mat with a sparse growth of Willow, Tamarack, Black Spruce and Poison Sumac. An access trail is available from the west shore. Fish Lake is located in Bethel Township, Anoka County. It is a large shallow body of water with an area of about one square mile. Its shores are sandy banks overgrown with marsh vegetation. A west bay is occupied by Cat-tails. It is the north portion of a much larger lake that previously occupied the basin. In winter ice has pushed up a 6-10 foot high sand dike 20-30 feet across cutting the original lake in half. The portion south of this dike is now a marsh filled with Sedge, Grasses, and a few small shrubs.

Seasonal flowering sequence is an interesting subject. At Cedar Creek the earliest plant to bloom is the Skunk Cabbage in March and early April. Other plants blooming in early spring are the Pasque Flower, Prairie Crowfoot, followed in turn by several kinds of Violets, Bloodroot, Snow Trillium, Liverleaf, Marsh Marigold, Antennarias, and various hardwood trees. Later on in the spring and early summer the Sedges, Grasses, Prairie Phlox, Lilies, Orchids, Wild Roses, Raspberries, Dewberries, Blackberries, Wild Plum, Wild Cherries, Five-fingers, and Puccoons are much in evidence. Late summer brings out
Asters, Goldenrods, Winged Pigweed, Yarrow, Pearly Everlasting, Golden Aster, Coreopsis, Daisy Fleabane, Sunflowers, Hawkweeds, and Blazing Star. The late comers are the Gentians.

The blowouts and sandy prairies develop a characteristic plant growth. Here one finds several Bunch Grasses, Geyer's Spurge, Bush-clover, Lupine, Silky Prairie-clover, Evening Primrose, Slender Knotweed, Sandbur, Sea-beach Triple-awned Grass, Long-leaved Reed Grass, Bulbostylis (a Sedge), Tall Worm-wood, and Hudsonia or False Heather.

Numerous small depressions have accumulated considerable peat which supports a variety of semiaquatic plants. Swamp margins are covered with a growth of Cat-tails, Reed Canary Grass, Marsh Marigold, Showy Beggar-ticks, Cinnamon, Interrupted and Royal Fern, Northern Marsh Fern, Paper Birch, White Cedar, Tamarack, Speckled Alder, Black Ash, and Willows.


In the open water of ponds and lakes White Water Lily and Yellow Pond Lily are abundant. Pondweeds, Coontail, Arrow-head, Water Horsetail, and Duckweeds abound.

Among the hardwood forest trees are Quaking and Large-toothed Aspen, White Oak, Northern Pin Oak, Northern Bur Oak, Basswood, Hard Maple, Box Elder, Blue Beech, Paper Birch, and Hop Hornbeam. The understory is made up of characteristic shrubs and herbs. Among the shrubs are American Hazel, Prostrate Juniper, Smooth Sumac, Common Elder, Nannyberry, Panicled Dogwood, Canadian and Narrow-leaved Blueberries, and Lead-plant. Some of the conspicuous herbaceous plants are Bracken Fern, Spreading Dogbane, Wild Sarsaparilla, Large-leaved Aster, Arrow-leaved Aster, White Rattlesnake-root, Spotted Cranesbill, Hog Peanut, Large-flowered Trillium, Lopseed, Indian Pipe, Pinesap, and Woolly Blue Violet.

The White Pine forest at Cedar Creek contains some large old trees under which are found three kinds of Shin-leaf, Partridge Berry, Aromatic Wintergreen, Pipsissewa, Indian Pipe, Snowberry, Twin-flower, Large-leaved Aster, and Bush Honeysuckle.

The preparation of the plant list has been a voluntary project. The collecting of the data for its preparation was begun in 1933 and has been carried on yearly to 1972. Plant specimens of all species in this catalog are to be found in the main herbarium of the Botany Department of the University of Minnesota. Duplicate specimens of many of the plants are also to be found in the Cedar Creek Laboratory Herbarium.

The catalog here presented contains 761 taxa of vascular plants. The names of the plants are arranged alphabetically by families and species. Indices to genera and common names are also provided.

Thanks are given for the kind cooperation and aid of those who accompanied me on field trips. I wish to recognize the efforts of others of the University staff, students, and associates who have made available information about the occurrence of plants in the Cedar Creek Natural History Area. All have helped to make possible the fruition of this project.

John W. Moore
1973
FERNS

EQUISETACEAE
Horsetail Family

Equisetum arvense L.  FIELD HORSETAIL
Equisetum arvense L. var. boreale (Bong.) Ledeb.  NORTHERN FIELD HORSETAIL

X Equisetum Ferrissii Clute.  INTERMEDIATE SCOURING-RUSH

Equisetum fluviatile L.  WATER HORSETAIL
Equisetum hyemale L. var. affine (Engelm.) A. A. Eaton.  TALL SCOURING-RUSH

Equisetum kansanum J. H. Schaffner.  KANSAS SCOURING-RUSH

Equisetum laevigatum A. Braun.  SMOOTH SCOURING-RUSH

Equisetum pratense Ehrh.  MEADOW HORSETAIL

FERNS ALLIES

LYCOPODIACEAE
Clubmoss Family

Lycopodium clavatum L.  RUNNING CLUBMOSS
Lycopodium complanatum L.  GROUND-PINE
Lycopodium inundatum L.  BOG CLUBMOSS
Lycopodium lucidulum Michx.  SHINING CLUBMOSS
Lycopodium obscurum L. var. dendroides (Michx.) D. C. Eaton.  ROUND-BRANCHED GROUNDPINE

OPHIOGLOSSACEAE
Adder’s-tongue Family

Botrychium multifidum (Gmel.) Rupr. var. intermediate (D. C. Eaton) Farwell.  LARGER LEATHERY GRAPE FERN
Botrychium virginianum (L.) Sw.  RATTLESnake FERN, VIRGINIA GRAPE FERN

Ophioglossum vulgatum L. var. pseudopodium (Blake) Farwell.  ADDER’S-TONGUE

BRAZILIAN SNAKE FERN

OSMUNDACEAE
Cinnamon Fern Family

Osmunda cinnamomea L.  CINNAMON FERN
Osmunda Claytoniana L.  INTERRUPTED FERN

Osmunda regalis L. var. spectabilis (Willd.) A. Gray.  ROYAL FERN

POLYPODIACEAE
Fern Family

Adiantum pedatum L.  NORTHERN MAIDENHAIR FERN
Athyrium angustum (Willd.) Presl.  UPLAND LADY FERN

Athyrium angustum (Willd.) Presl. var. rubellum (Gilbert) Butters.  REDDISH LADY FERN

Dryopteris cristata (L.) A. Gray.  CRESTED SHIELD FERN
Dryopteris disjuncta (Lede.) Norton.  OAK FERN
Dryopteris spinulosa (O. F. Mueller) Watt.  SPINULOSE SHIELD FERN

Dryopteris Thelypteris (L.) A. Gray var. pubescens (Lawson) A. R. Prince ex Weatherby.  NORTHERN MARSH FERN

Onoclea sensibilis L.  SENSITIVE FERN

Pteridium aquilinum (L.) Kuhn var. latiusculum (Desv.) Underw.  BRACKEN
GYMNOSPERMS

TAXACEAE  
Yew Family

*Taxus canadensis* Marsh.  American Yew

PINACEAE  
Pine Family

*Abies balsamea* (L.) Mill.  Balsam Fir
*Larix laricina* (DuRoi) Koch.  American Larch

*Cedrus Abies* (L.) Karst.  Norway Spruce
*Picea glauca* (Moench.) Voss.  White Spruce
*Picea mariana* (Mill.) B.S.P.  Black Spruce

*CUPRESSACEAE  
Cypress Family

*Juniperus communis* L. var. *depressa* Pursh.  Prostrate Juniper
*Juniperus virginiana* L.  Red Cedar

*Thuja occidentalis* L.  White Cedar, Arbor Vitae

ANGIOSPERMS

ACERACEAE  
Maple Family

*Acer Ginnala* Maxim.  Amur Maple
*Acer Negundo* L.  Box Elder
*Acer rubrum* L.  Red or Swamp Maple
*Acer saccharinum* L.  Soft or Silver Maple
*Acer saccharum* Marsh.  Hard or Sugar Maple

AIZOACEAE  
Carphild Family

*Mollugo verticillata* L.  Carphild, Indian Chickweed

ALISMACEAE  
Water Plantain Family

*Alisma subcordatum* Raf.  Small-flowered Water Plantain
*Alisma triviale* Pursh.  Large-flowered Water Plantain

*Sagittaria cristata* Engelm.  Crested Arrowhead
*Sagittaria latifolia* Willd.  Broad-leaved Arrowhead
*Sagittaria latifolia* Willd.  forma hastata

AMARYLLIDACEAE  
Amaryllis Family

*Hypoxis hirsuta* (L.) Coville.  Yellow Star Grass

ANACARDIACEAE  
Sumac Family

*Rhus glabra* L.  Smooth Sumac
*Rhus radicans* L. var. *Rydbergii* (Small ex Rydb.) Rehder.  Rydberg's Poison Ivy
*Rhus typhina* L.  Staghorn Sumac
*Rhus vernix* L.  Poison Sumac
APOCYNACEAE
Dogbane Family
Apocynum androsaemifolium L. SPREADING DOGBANE
Apocynum cannabinum L. INDIAN HEMP
Apocynum sibiricum Jacq. SESSILE-LEAVED DOGBANE

AQUIFOLIACEAE
Holly Family
Ilex verticillata (L.) A. Gray VIRGINIA WINTERBERRY, BLACK ALDER
Nemopanthus mucronata (L.) Trelease. MOUNTAIN HOLLY

ARACEAE
Arum Family
Arisaema atrorubens (Ait.) Blume. JACK-IN-THE-PULPIT
Arisaema atrorubens (Ait.) Blume. forma viride (Engler) Fernald. GREEN JACK-IN-THE-PULPIT
Arisaema atrorubens (Ait.) Blume. forma zebrinum (Sims) Fernald. STRIPED JACK-IN-THE-PULPIT
Calla palustris L. WILD CALLA
Symplocarpus foetidus (L.) Nutt. SKUNK CABBAGE

ARALIACEAE
Ginseng Family
Aralia nudicaulis L. WILD SARSAPARILLA
Aralia racemosa L. AMERICAN SPIKENARD

ASCLEPIADACEAE
Milkweed Family
Acerastes viridiflora (Raef.) Ell. var. lanceolata (Raef.) Ell. LANCE-LEAVED GREEN MILKWEED
Asclepias incarnata L. SWAMP MILKWEED
Asclepias ovalifolia Dcne. OVAL-LEAVED MILKWEED
Asclepias syriaca L. COMMON MILKWEED
Asclepias tuberosa L. var. interior (Woodson) Shinners. TAPER-LEAVED BUTTERFLY WEED

BALSAMINACEAE
Jewelweed or Touch-me-not Family
Impatiens capensis Meerb. SPOTTED TOUCH-ME-NOT

BETULACEAE
Birch Family
Alnus rugosa (Du Roi) Spreng. var. americana (Regel) Spreng. GLAUCOUS-LEAVED SPECKLED ALDER
Betula lutea Michx. f. YELLOW BIRCH
Betula papyrifera Marsh. PAPER OR CANOE BIRCH
Betula pumila L. var. glandulifera Regel. DWARF OR BOG BIRCH
X Betula Sanbergi Britton. SANDBERG’S HYBRID BIRCH
Carpinus caroliniana Walt. AMERICAN HORNBEEAM, BLUE BEECH
Corylus americana Walt. AMERICAN HAZELNUT
Corylus cornuta Marsh. BEAKED HAZELNUT
Ostrya virginiana (Mill.) Koch. HOP

BIGNONIACEAE
Bignonia Family
Catalpa speciosa Warder. WESTERN CATALPA

BORAGINACEAE
Borage Family
Hackelia americana (A. Gray) Fernald. NODDING STICKSEED
Lithospermum canescens (Michx.) Lehm. HOARY PUCCOON
Lithospermum carolinense (Walt.) MacM. HAIRY PUCCOON
Myosotis scorpioides L. FORGET-ME-NOT
CAMPANULACEAE
Bluebell Family
Campanula aparinooides Pursh. Marsh Bellflower
Campanula rapunculoides L. European Bellflower
Campanula rotundifolia L. Harebell, bluebells of Scotland
Campanula uliginosa Rydb. Blue Marsh Bellflower

CAPPARIDACEAE
Caper Family
Polanisia graveolens Raf. Clammyweld

CAPRIFOLIACEAE
Honeysuckle Family
Diervilla Lonicera Miller. Bush Honeysuckle
Linneaa borealis L. var. americana (Forbes) Rehder. Twinflower
Lonicera dioica L. var. glaucescens (Rydb.) Butters. Douglas Honeysuckle
Lonicera tatarica L. Tartarian Honeysuckle
Lonicera villosa (Michx.) R. & S. var. Solonis (Eaton) Fernald. Mountain Honeysuckle
Sambucus canadensis L. Common Elder
Sambucus pubens Michx. Red-berried Elder
Symphoricarpos albus (L.) Blake. Snowberry
Symphoricarpos occidentalis Hook. Wolveberry
Viburnum Lentago L. Nannyberry
Viburnum trilobum Marsh. High-bush Cranberry

CARYOPHYLLACEAE
Pink Family
 Arenaria lateriflora L. Blunt-leaved Sandwort
Cerastium vulgatum L. Larger Mouse-ear Chickweed
Dianthus barbatus L. Sweet William
Dianthus deltoides L. Maiden or Meadow Pink
Cypsophila paniculata L. Baby's Breath
Lychnis alba Mill. White Campion
Saponaria officinalis L. Bouncing Bet
Silene antirrhina L. Sleepy Catchfly
Silene Armeria L. Sweet William Catchfly
Stellaria longifolia Muhlenberg. Long-leaved Stitchwort

CELASTRACEAE
Staff Tree or Bittersweet Family
Celastrus scandens L. Climbing Bittersweet
Euonymus alatus Siebold Winged Spindle Tree

CERATOPHYLLACEAE
Hornwort Family
Ceratophyllum demersum L. Hornwort, Coontail

CHENOPODIACEAE
Goosefoot Family
Chenopodium Album L. Lamb's Quarters
Chenopodium hybridum L. var. gigniptospermum (Aellen) Rouleau. Maple-leaved Goosefoot
Chenopodium leptophyllum Nutt. Narrow-leaved Goosefoot
Cycloloma atriplicifolium (Spreng.) Coult. Winged Pigweed
Kochia Scoparia (L.) Schrad. Summer-Cypress
Salsola kali L. var. tenuifolia G.F.W. Meyer. Russian Thistle
CISTACEAE
Rock-rose Family
Helianthemum Bicknellii Fernald. Hoary Frostweed
Hudsonia tomentosa Nutt. var. intermedia Peck. False Heather
Lechea stricta Leggett. Prairie Pin-Weed

COMMELINACEAE
Spiderwort Family
Commelina communis L. Asiatic Day-Flower
Tradescantia bracteata Small. Long-Bracted Spiderwort
Tradescantia occidentalis (Britton) Smyth. Western Spiderwort

COMPOSITAE
Composite Family
Achillea lanulosa Nutt. Woolly Yarrow
Achillea lanulosa Nutt. forma rubicunda Farwell. Pink-Flowered Woolly Yarrow
Ambrosia coronopifolia T. & G. Western Ragweed
Ambrosia elatior L. Common Ragweed
Ambrosia trifida L. var. trifida. Great Ragweed
Anaphalis margaritacea (L.). B. & H. Pearly Everlasting
Antennaria canadensis Greene. Canadian Everlasting
Antennaria fallax Greene. Woolly-Leafed Everlasting
Antennaria munda Fernald. Trime Everlasting
Antennaria neglecta Greene. Field Everlasting
Antennaria neodioica Greene. Smaller Everlasting
Arctium minus (Hill) Bernh. Common Burdock
Artemisia caudata Michx. Tall Wormwood
Artemisia glauca Pall. var. dracunculina (S. Wats.) Fernald. Silky Wormwood
Artemisia ludoviciana Nutt. Dark-Leaved Mugwort
Artemisia ludoviciana Nutt. var. gnaphalodes (Nutt.) T. & G. Prairie Sage
Artemisia pontica L. Roman Wormwood
Aster azureus Lindl. Sky-Blue Aster
Aster ciliolatus Lindl. ex Hook. Lindley's Aster
Aster ericoides L. Frost-Weed Aster
Aster junciformis Rydb. Bog Aster
Aster macrophyllus L. Large-Leaved Aster
Aster novae-angliae L. New England Aster
Aster novae-angliae L. forma geneeseensis House. White New England Aster
Aster novae-angliae L. forma roseus (Desf.) Britton. Pink New England Aster
Aster ontorionis Wiebg. Ontario Aster
Aster puniceus L. Red-Stalked Aster
Aster sagittifolius Wedem. Arrow-Leaved Aster
Aster sericeus Vent. Silky Aster
Aster simplex Willd. Panicled Aster
Aster umbellatus Mill. var. pubens A. Gray. Downy Flat-Topped White Aster
Bidens cernua L. Nodding Bur Marigold
Bidens connata Muhl. Swamp Beggar-Ticks
Bidens connata Muhl. var. petiolaris (Nutt.) Farwell. Petioled Swamp Beggar-Ticks
Bidens coronata (L.) Britton. var. tenuiloba (A. Gray) Sherff. Narrow-lobed Showy Beggar-Ticks
Bidens frondosa L. Leafy Beggar-Ticks
Chrysanthemum Leucanthemum L. var. pinnatifidum Lecoq. and Lamotte. Ox-Eye Daisy
Chrysopsis villosa (Pursh) Nutt. Hairy Golden Aster
Cirsium arvense (L.) Scop. Canada Thistle
Cirsium discolor (Muhl.) Spreng. FIELD THISTLE
Cirsium muticum Michx. SWAMP THISTLE
Cirsium vulgare (Savi) Tenore. BULL THISTLE
Coreopsis lanceolata L. LANCE-LEAVED COREOPSIS
Coreopsis palmata Nutt. STIFF TICKSEED
Crepis tectorum L. NARROW-LEAVED HAWK’S-BEARD
Erechtites hieracifolia (L.) Raf. PILEWORT
Erigeron annuus (L.) Pers. DAISY FLEABANE
Erigeron canadensis L. HORSE-WEED
Erigeron strigosus Michx. ex Willd. SLENDER DAISY FLEABANE
Eupatorium maculatum L. JOE PYE WEEDE
Eupatorium perfoliatum L. COMMON BONESET
Eupatorium perfoliatum L. forma purpuratum Britton. PURPLE BONESET
Galinsoga ciliata (Raf.) Blake. HAIRY GALINSOGA
Gnaphalium obtusifolium L. SWEET EVERLASTING
Helianthus annuus L. COMMON SUNFLOWER
Helianthus giganteus L. GIANT SUNFLOWER
Helianthus hirsutus Raf. STIFF-HAIRED SUNFLOWER
Helianthus laevis Pors. var. rigidus (Cass.) Fernald. STIFF SUNFLOWER
Helianthus petiolaris Nutt. PRAIRIE SUNFLOWER
Hieracium canadense Michx. CANADA HAWKWEED
Hieracium canadense Michx. var. fasciculatum (Pursh) Fernald. PALE CANADA HAWKWEED
Hieracium longipilum Torr. LONG-BEARED HAWKWEED
Hieracium scabrum Michx. ROUGH HAWKWEED
Hieracium umbellatum L. NARROW-LEAVED HAWKWEED
Iva xanthifolia Nutt. MARSH ELDER
Krigia biflora (Walt.) Blake. TWO-FLOW-ERED DWARF DANDELION
Lactuca biennis (Moench) Fernald. TALL BLUE LETTUCE
Lactuca canadensis L. var. canadensis. CANADA WILD LETTUCE
Lactuca scariola L. PRICKLY LETTUCE
Liatris aspera Michx. ROUGH BLAZING STAR
Matricaria matricarioides (Less.) Porter. RAYLESS CHAMOMILE, PINEAPPLE WEE
Prenanthes alba L. WHITE RATTLENAKE-ROOT
Rudbeckia serotina Nutt. BLACK-EYED SUSAN
Senecio aureus L. GOLDEN RAGWORT, SWAMP SQUAW-WEEDE
Senecio pauperculus Michx. BALSAM GROUNDSEL
Senecio plattensis Nutt. PRAIRIE RAGWORT
Solidago canadensis L. CANADA GOLDEN-ROD
Solidago flexicaulis L. ZIG-ZAG GOLDEN-ROD
Solidago gigantea Ait. LATE GOLDENROD
Solidago gigantea Ait. var. leiophylla Fern. SMOOTH-LEAVED LATE GOLDENROD
Solidago graminifolia (L.) Salisb. var. graminifolia. BUSHY GOLDENROD
Solidago hispida Michx. HAIRY GOLDENROD
Solidago missouriensis Nutt. var. fasciculata Holz. BUNCH-LEAVED MISSOURI GOLDENROD
Solidago nemoralis Ait. GRAY GOLDENROD
Solidago nemoralis Ait. var. decemflora Fernald. EASTERN GRAY GOLDENROD
Solidago rigida L. STIFF GOLDENROD
Solidago speciosa Nutt. var. angustata T. & G. SLENDER SHOXY GOLDENROD
Solidago uliginosa Nutt. BOG GOLDENROD
Sonchus arvensis L. var. glabrescens Guenth., Grab, & Wimm. SMOOTH CORN SOW THISTLE
Tanacetum vulgare L.  TANSEY
Taraxacum erythrospermum Andr.  RED-SEEDED DANDELION
Taraxacum officinale Weber.  COMMON DANDELION
Tragopogon major Jacq.  LARGE GOAT’S-BEARD
Tragopogon pratensis L.  YELLOW GOAT’S-BEARD

CONVOLVULACEAE

MORNING-GLORY Family

Convulvulus arvensis L.  SMALL BINDWEED, CREEPING JENNY
Convulvulus sepium L.  HEDGE BINDWEED
Convulvulus sepium L. forma coloratus Lange.  PINK HEDGE BINDWEED

CORNACEAE

DOGWOOD Family

Cornus alternifolia L.f.  ALTERNATE-LEAVED DOGWOOD, PAGODA TREE
Cornus Baileyi Coulter & Evans BAILEY’S DOGWOOD
Cornus canadensis L.  DWARF CORNEL, BUNCHBERRY
Cornus racemosa Lam.  PANICLED DOGWOOD
Cornus rugosa Lam.  ROUND-LEAVED DOGWOOD
Cornus stolonifera Michx.  RED-OSIER DOGWOOD

CRASSULACEAE

Orpine Family

Penthorum sedoides L.  DITCH STONECROP
Sedum telephium L.  ORPINE, LIVE-FOREVER

CRUCIFERAE

Mustard Family

Arabis divaricarpa A. Nelson.  PINK ROCK CRESS
Arabis hirsuta (L.) Scop. var. pygocarpa (Hopkins) Rollins.  AMERICAN HAIRY ROCK CRESS

Arabis Lyrata L.  LYRE-LEAVED ROCK CRESS
Barbarea vulgaris R. Br.  YELLOW ROCKET, YELLOW CRESS
Berteroa incana (L.) DC.  HOARY ALYSSUM
Brassica Kaber (DC.) L. C. Wheeler. var. pinnaatifida (Stokes) L. C. Wheeler. CHARLOCK, WILD MUSTARD
Capsella Bursa-pastoris (L.) Medic.  SHEPHERD’S PURSE
Cardamine bulbosa (Schreber) B.S.P. BULBOUS CRESS
Erysimum cheiranthoides L.  WORMSEED MUSTARD
Hesperis matronalis L.  DAME’S ROCKET
Lepidium densiflorum Schrad.  COMMON PEPPER-GRASS
Lepidium virginicum L.  WILD PEPPER-GRASS
Nasturtium officinale R. Br. var. officinale. WATER CRESS
Rorippa islandica (Oeder) Borbas. var. Fernaldiana B. & A. FERNALD’S YELLOW CRESS
Rorippa islandica (Oeder) Borbas. var. hispida (Desv.) B. & A. HISPID YELLOW CRESS
Sisymbrium altissimum L.  TUMBLE MUSTARD
Sisymbrium officinale (L.) Scope.  HEDGE MUSTARD

CUCURBITACEAE

Gourd Family

Echinocystis lobata (Michx.) T. & G.  WILD CUCUMBER

CYPERACEAE

Sedge Family

Bulbostylis capillaris (L.) C.B. Clarke. HAIR-LIKE BULBOSTYLIS
Carex Bebbii Olney.  BEBB’S SEDGE
Carex brunnescens (Pers.) Poir.  BROWNISH SEDGE
Carex canescens L. SILVERY SEDGE
Carex chordorrhiza L. f. CREEPING SEDGE
Carex conososa Boot. BRISTLY SEDGE
Carex Crawfordii Fernald. CRAWFORD'S SEDGE
Carex debilis Michx. var. Rudgei Bailey. SLENDER-STALKED SEDGE
Carex Deweyana Schwein. DEWEY'S SEDGE
Carex diandra Schrank. LESSER PANICLED SEDGE
Carex disperma Dewey. SOFT-LEAVED SEDGE
Carex flavia L. YELLOW SEDGE
Carex foenea Wild. DRY-SPIKED SEDGE
Carex gracillima Schwein. GRACEFUL SEDGE
Carex gymnocrates Wormsk. NORTHERN BOG SEDGE
Carex Haydenni Dewey. HAYDEN'S SEDGE
Carex hystricina Muhl. PORCUPINE SEDGE
Carex interior L. H. Bailey. INLAND SEDGE
Carex intumescens Rudge. var. Fernaldii Bailey. FERNALD'S BLADDER SEDGE
Carex lanuginosa Michx. WOOLLY SEDGE
Carex lasiocarpa Ehrh. var. americana Fernald. AMERICAN SLENDER SEDGE
Carex leptalca Wahl. BRISTLE-STALKED SEDGE
Carex limosa L. MUD SEDGE
Carex Lupulina Muhl. HOP SEDGE
Carex Meadii Dewey. MEAD'S SEDGE
Carex Muhlenbergii Schkuhr. MUHLENBERG'S SEDGE
Carex oligosperma Michx. FEW-SEEDED SEDGE
Carex paupercula Michx. var. pallens Fernald. PALE BOG SEDGE
Carex pedunculata Muhl. LONG-STALKED SEDGE
Carex pensylvanica Lam. PENNSYLVANIA SEDGE
Carex praecox Dewey. PRAIRIE SEDGE
Carex Pseudo-Cyperus L. CYPERUS-LIKE SEDGE
Carex Richardsonii R. Br. RICHARDSON'S SEDGE
Carex rostrata Stokes. BEAKED SEDGE
Carex scoparia Schkuhr. POINTED BROOM SEDGE
Carex stipata Muhl. AWL-FRUITED SEDGE
Carex stricta Lam. TUSSOCK SEDGE
Carex stricta Lam. var. strictior (Dewey) Carey. STRICT MEADOW SEDGE
Carex synnicocephala Carey. DENSE MANY-HEADED SEDGE
Carex tenera Dewey. SLENDER SEDGE
Carex trisperma Dewey. THREE-FRUITED SEDGE
Carex vesicaria L. INFLATED SEDGE
Cyperus diandrus Torr. LOW CYPERUS
Cyperus Engelmani Steud. ENGELMANN'S CYPERUS
Cyperus esculentus L. YELLOW NUT GRASS, CHUFA
Cyperus filiculmis Vahl. var. macilentus (Vahl.) Fernald. FEW-FLOWERED SLENDER CYPERUS
Cyperus inflexus Muhl. AWNED CYPERUS
Cyperus odoratus L. FRAGRANT CYPERUS
Cyperus rivularis Kunth. SHINING CYPERUS
Cyperus Schweinitzii Torr. SCHWEINITZ'S CYPERUS
Cyperus strigosus L. STRAW-COLORED CYPERUS
Dulichium arundinaceum (L.) Britton. DULICHIUM
Eleocharis acicularis (L.) R. & S. LEAST SPIKE RUSH
Eleocharis calva Torr. MARSH SPIKE RUSH
Eleocharis obtusa (Willd.) Schultes. BLUNT SPIKE RUSH
Eleocharis Smallii Britton. SMALL'S SPIKE RUSH
Eriophorum gracile Koch. SLENDER COTTON GRASS
Eriophorum spissum Fernald. SHEATHED COTTON GRASS
Eriophorum virginicum L. VIRGINIA COTTON GRASS
Eriophorum viridi-carinatum (Engelm.) Fernald. THIN-LEAVED COTTON GRASS
Scirpus acutus Muhl. HARD-STEMMED GREAT BULKRUSH
Scirpus americanus Pers. THREE-SQUARE BULKRUSH
Scirpus atrocinclus Fernald. BLACK-SHEATHED WOOL GRASS
Scirpus Clintonii A. Gray. CLINTON'S CLUB-RUSH
Scirpus cyperinus (L.) Kunth. var. peltius Fern. DARK-BRACTED WOOL GRASS
Scirpus fluviatilis (Torr.) A. Gray. RIVER BULKRUSH
Scirpus subterminalis Torr. WATER CLUB-RUSH
Scirpus validus Vahl. AMERICAN GREAT BULKRUSH
Scleria triglomerata Michx. TALL NUT-RUSH

DROSERACEAE
SUNDREW FAMILY
Drosera rotundifolia L. ROUND-LEAVED SUNDREW

ERICACEAE
HEATH FAMILY
Andromeda glaucophylla Link. BOG ROSEMARY
Arctostaphylos Uva-ursi (L.) Spreng. BEARBERRY
Chamaedaphne calyculata (L.) Moench. LEATHER-LEAF
Chiogenes hispidula (L.) T. & G. CREEPING SNOWBERRY
Gaultheria procumbens L. CHECKERBERRY, AROMATIC WINTERGREEN
Gaylussacia baccata (Wangenh.) K. Koch. HUCKLEBERRY
Ledum groenlandicum Oeder. LABRADOR TEA
Vaccinium angustifolium Ait. NARROW-LEAVED BLUEBERRY
Vaccinium macrocarpum Ait. LARGE CRANBERRY
Vaccinium myrtillusoides Michx. CANADIAN BLUEBERRY
Vaccinium Oxycoccus L. SMALL CRANBERRY

EUPHORBIACEAE
SPURGE FAMILY
Acalypha rhomboidea Raf. RHOMBIC-LEAVED THREE-SEeded MERCURY
Euphorbia corollata L. FLOWERING SPURGE
Euphorbia Cyparissias L. CYPRESS SPURGE
Euphorbia Geyeri Engelm & Gray. GEYER'S SPURGE
Euphorbia glyptosperma Engelm. RIDGE-SEeded SPURGE
Euphorbia supina Raf. PROSTATE HAIRy SPURGE

FAGACEAE
BEECH FAMILY
Quercus alba L. WHITE OAK
Quercus borealis Michx. f. NORTHERN RED OAK
Quercus ellipsoidalis E.J. Hill. NORTHERN PIN OAK, HILL'S OAK
Quercus macrocarpa Michx. var. olenaefor- mitis (Michx. f.) A. Gray. NORTHERN BUR OAK

GENTIANACEAE
GENTIAN FAMILY
Bartonia virginica (L.) B.S.P. YELLOW BARTONIA
Gentiana Andrewsii Griseb. ANDREW'S GENTIAN
Gentiana rubra culonis Schwein. NARROW-LEAVED GENTIAN
Menyanthes trifoliata L. var. minor Raf. BUCKBEAN
GERANIACEAE

Geranium Bicknelli Britton. BICKNELL'S CRANESBILL
Geranium maculatum L. SPOTTED CRANESBILL

GRAMINEAE

GRASS FAMILY

Agropyron repens (L.) Beauv. QUACK GRASS
Agrostis alba L. REDTOP
Agrostis scabra Willd. ROUGH BENT GRASS
Andropogon Gerardi Vitman. BIG BLUESTEM
Andropogon scoparius Michx. LITTLE BLUESTEM
Aristida basiramea Engelm. FORKED TRIPLE-AWNED GRASS
Aristida tuberculosa Nutt. SEA-BEACH TRIPLE-AWNED GRASS
Avena sativa L. OATS
Bouteloua curtipendula (Michx.) Torr. SIDE-OATS GRAMA
Bouteloua hirsuta Lag. HAIRY GRAMA
Brachylyttrum erectum (Schreber) Beauv. BLADED SHORT-HUSK
Bromus ciliatus L. FRINGED BROME GRASS
Bromus inermis Leyss. HUNGARIAN BROME GRASS
Bromus Kalmii A. Gray. KALM'S CHENS
Bromus tectorum L. DOWNY BROME GRASS
Calamagrostis canadensis (Michx.) Nutt. BLUL-JOINT GRASS
Calamagrostis inexpansa A. Gray. BOG REED GRASS
Calamovilfa longifolia (Hooker) Scribn. LONG-LEAVED REED GRASS
Cenchrus longispinus (Hackel) Fernald. SANDBUR
Cinna latifolia (Trin.) Griseb. SLENDER WOOD REED GRASS

Danthonia spicata (L.) Beauv. COMMON WILD OAT GRASS
Digitaria ischaemum (Schreb.) Muhl. SMALL CRAB GRASS
Echinochloa pungens (Poir.) Rydb. BRISTLEY BARNYARD GRASS
Elymus canadensis L. NODDING WILD RYE
Eragrostis megastachya (Koeler) Link. HAIR LOVE GRASS
Eragrostis pectinacea (Michx.) Nees. PURSH'S LOVE GRASS
Eragrostis spectabilis (Pursh) Steud. PURPLE LOVE GRASS
Festuca octoflora Walt. SLENDER FESCUE GRASS
Festuca ovina L. SHEEP'S FESCUE GRASS
Festuca rubra L. RED FESCUE GRASS
Festuca saximontana Rydb. ROCKY MOUNTAIN FESCUE GRASS
Glyceria borealis (Nash.) BATECHLDER NORTHERN MANNA GRASS
Glyceria canadensis (Michx.) Trin. RATTLE SNAKE GRASS
Glyceria grandis S. Wats. REED MEADOW GRASS
Glyceria striata (Lam.) Hitchc. NERVED MANNA GRASS
Hierochloe odorata (L.) Wahl. HOLY GRASS
Hordeum jubatum L. SQUIRREL-TAIL GRASS
Hordeum vulgare L. BARLEY
Koeleria cristata (L.) Pers. CRESTED HAIR GRASS
Leersia oryzoides (L.) Swartz. RICE CUT GRASS
Lolium multiflorum Lam. ITALIAN RYE GRASS
Muhlenbergia glomerata (Willd.) Trin. SWAMP SATIN GRASS
Muhlenbergia glomerata (Willd.) Trin. var. chinoides (Link) F. J. Herm. INTERRUPTED SWAMP SATIN GRASS
Muhlenbergia mexicana (L.) Trin. MEXICAN SATIN GRASS
Muhlenbergia racemosa (Michx.) B. S. P. WILD TIMOTHY
Muhlenbergia sylvatica Torr. WOODLAND SATIN GRASS
Oryzopsis asperifolia Michx. ROUGH-LEAVED MOUNTAIN-RICE
Oryzopsis racemosa (J. E. Smith) Ricker. BLACK-FRUITED MOUNTAIN-RICE
Panicum boreale Nash. NORTHERN PANIC GRASS
Panicum capillare L. WITCH GRASS
Panicum lanuginosum Ell. var. fasciculatum (Torr.) Fernald. HAIRY PANIC GRASS
Panicum oligosanthes Schultes. var. Scribnerianum (Nash) Fernald. SCRIBNER’S PANIC GRASS
Panicum perlongum Nash. LONG-STALKED PANIC GRASS
Panicum praecocius Hitchc. & Chase. EARLY-BRANCHING PANIC GRASS
Panicum villosissimum Nash. var. pseudopubescent (Nash) Fernald. APPRESSED WHITE-HAIRED PANIC GRASS
Panicum virgatum L. SWITCH GRASS
Panicum xanthophyllum A. Gray. SLENDER PANIC GRASS
Paspalum stramineum Nash. STRAW-COLORED PASPALUM
Phalaris arundinacea L. REED CANARY GRASS
Phleum pratense L. TIMOTHY
Phragmites communis Trin. var. Berlandieri (Fournier) Fernald. COMMON REED GRASS
Poa annua L. ANNUAL BLUE GRASS
Poa compressa L. CANADA BLUE GRASS
Poa palustris L. FOWL MEADOW GRASS
Poa pratensis L. JUNE GRASS, KENTUCKY BLUE GRASS
Poa pratensis L. var. angustifolia (L.) Sm. LAWN BLUE GRASS
Schizachne purpurascens (Torr.) Swallen. FALSE MELIC GRASS
Secale cereale L. RYE
Setaria lutescens (Weigel) F. T. Hubb. YELLOW PIGEON GRASS
Setaria viridis (L.) Beauv. GREEN FOXTAIL
Sorghastrum nutans (L.) Nash. INDIAN GRASS
Spartina pectinata Link. PRAIRIE CORD GRASS
Sphenopholis intermedia (Rydb.) Rydb. SLENDER WEDGE GRASS
Sporobolus cryptandrus (Torr.) A. Gray. SAND DROP-SEED
Sporobolus heterolepis A. Gray. NORTHERN DROP-SEED
Stipa spartea Trin. PORCUPINE GRASS
Zizania aquatica L. var. angustifolia Hitchc. NARROW-LEAVED WILD RICE

HALORAGIDACEAE
Water-milfoil Family
Myriophyllum exalbescens Fernald. SPIKED WATER-MILFOIL

HYDROCHARITACEAE
Frog’s Bit Family
Vallisneria americana Michx. TAPE GRASS, WILD CELERY

HYDROPHYLACEAE
Water-leaf Family
Hydrophyllum virginianum L. VIRGINIA WATER-LEAF

HYPERICACEAE
St. John’s-wort Family
Hypericum majus (A. Gray) Britton. SMALL-FLOWERED ST. JOHN’S-WORT
Hypericum virginicum L. var. Fraseri (Spach) Fernald. MARSH ST. JOHN’S-WORT

IRIDACEAE
Iris Family
Iris versicolor L. BLUE FLAG
Sisyrinchium campestre Bicknell. PRAIRIE BLUE-EYED GRASS
JUGLANDACEAE
Walnut Family
Juglans nigra L. BLACK WALNUT

JUNCACEAE
Rush Family
Juncus alpinus Vill. ALPINE RUSH
Juncus brevicaudatus (Engelm.) Fernald. NARROW-PANICLED RUSH
Juncus bufonius L. TOAD RUSH
Juncus canadensis J. Gay. CANADA RUSH
Juncus Dudleyi Wiegard. DUDLEY'S RUSH
Juncus Greenei Oakes and Tuckerm. GREENE'S RUSH
Juncus nodosus L. KNOTTED RUSH
Juncus pelocarpus Meyer. BROWN-FRUITED RUSH
Juncus tenuis Willd. SLENDER RUSH
Luzula multiflora (Retz.) Lejeune. UPRIGHT WOOD RUSH

JUNCAGINACEAE
Arrow Grass Family
Schuchzeria palustris L. var. americana Fernald. AMERICAN SCHUCHZERIA

LABIATAE
Mint Family
Agastache Foeniculum (Pursh) Ktze. FRAGRANT GIANT HYSSOP
Elsholtzia ciliata (Thunb.) Hyland. RINGED ELSHOLTZIA
Hedeoma hispida Pursh. ROUGH OR MOCK PENNYROYAL
Lycopus americanus Muhl. CUT-LEAVED WATER HOREHOUND
Lycopus uniflorus Michx. NORTHERN BUGLE WEED
Mentha arvensis L. var. villosa Bentham. CANADA MINT
Molucella laevis L. SHELLFLOWER, BELLS OF IRELAND
Monarda fistulosa L. var. mollis (L.) Benth. PALE WILD BERGAMOT
Nepeta Cataria L. CATNIP
Nepeta hederacea (L.) Trev. GROUND IVY, CREEPING CHARLEY
Physostegia virginiana (L.) Benth. var. speciosa (Sweet) A. Gray. OBEYED PLANT, FALSE DRAGON-HEAD
Pycnanthemum virginianum (L.) Durand & Jackson. VIRGINIA MOUNTAIN MINT
Scutellaria epilobiifolia A. Hamilton. MARSH SKULLCAP
Scutellaria lateriflora L. MAD-DOG SKULLCAP
Scutellaria parvula Michx. var. Leonardi (Epling) Fernald. LEONARD'S SKULLCAP
Stachys palustris L. HEDGE NETTLE

LEGUMINOSAE
Pulse Family
Amorpha canescens Pursh. LEAF PLANT
Amphicarpa bracteata (L.) Fernald. HOG PEANUT
Apis americana Medic. GROUNDNUT, WILD BEAN
Astragalus canadensis L. CANADIAN MILK VETCH
Baptisia leucantha T. & G. LARGE WHITE WILD INDIGO
Desmodium canadense (L.) DC. CANADA TALKEEFOIL
Desmodium glutinosum (Muhl.) Wood. POINTED-LEAVED TALKEEFOIL
Glycine Max (L.) Merr. SOYBEAN
Lathyrus ochroleucus Hooker. PALE VETCHLING
Lathyrus palustris L. MARSH VETCHLING
Lathyrus venosus Muhl. var. intonsus Butters & St. John. VEINY PEA
Lespedeza capitata Michx. ROUND-HEADED BUSH CLOVER
Lupinus perennis L. var. occidentalis S. Wats. PERENNIAL LUPINE
Medicago lupulina L.  BLACK MEDICK, HOP CLOVER
Medicago sativa L.  ALFALFA, LUCERNE
Melilotus alba Desv.  WHITE SWEET CLOVER
Melilotus officinalis (L.) Lam.  YELLOW SWEET CLOVER
Petalostemum candidum (Willd.) Michx.  WHITE PRAIRIE-CLOVER
Petalostemum purpureum (Vent.) Rydb.  PURPLE PRAIRIE-CLOVER
Petalostemum villosum Nutt.  SILKY PRAIRIE-CLOVER
Robinia Pseudo-Acacia L.  COMMON LOCUST
Strophostyles leiosperma (T. & C.) Piper.  SMALL WILD BEAN
Trifolium arvense L.  RABBIT-FOOT CLOVER
Trifolium hybridum L.  ALSIKE CLOVER
Trifolium pratense L.  RED CLOVER
Trifolium repens L.  WHITE CLOVER
Trifolium repens L. var. rubrum Clute.  ROSEATE WHITE CLOVER
Vicia angustifolia L.  NARROW-LEAVED VETCH
Vicia villosa Roth.  HAIRY VETCH

LILIACEAE
LILY FAMILY
Allium Schoenoprasum L.  CHIVES
Allium stellatum Ker.  PRAIRIE WILD ONION
Asparagus officinalis L.  GARDEN ASPARAGUS
Clintonia borealis (Ait.) Raf.  YELLOW CLINTONIA
Convallaria majalis L.  LILY-OF-THE-VALLEY
Hemerocallis fulva L.  COMMON ORANGE DAY LILY
Lilium michiganense Farwell.  MICHIGAN TURK'S-CAP LILY
Lilium philadelphicum L. var. andinum (Nutt.) Ker.  WOOD LILY
Lilium tigrinum Ker.  TIGER LILY
Maianthemum canadense Desf. var. interius Fernald.  HAIRY FALSE LILY-OF-THE-VALLEY
Oakesia sessilifolia (L.) S. Wats.  SESSILE-LEAVED BELLWORT
Polygonatum canaliculatum (Muhl.) Pursh.  GIANT SOLOMON'S SEAL
Polygonatum pubescens (Willd.) Pursh.  HAIRY SOLOMON'S SEAL
Smilacina racemosa (L.) Desf.  FALSE SOLOMON'S SEAL
Smilacina stellata (L.) Desf.  STAR-FLOWERED FALSE SOLOMON'S SEAL
Smilacina trifolia (L.) Desf.  THREE-LEAVED FALSE SOLOMON'S SEAL
Smilax herbacea L. var. herbacea SMOOTH CARRION-FLOWER
Smilax herbacea L. var. lastioneuron (Hook.) A.DC.  HAIRY CARRION-FLOWER
Trillium cernuum L. var. macranthum Eames & Wiegand.  NODDING WAKE-ROBIN
Trillium grandiflorum (Michx.) Salisb.  LARGE-FLOWERED WAKE-ROBIN
Trillium nobile Riddell.  SNOW TRILLIUM
Uvularia grandiflora Smith.  LARGE-FLOWERED BELLWORT

LEMNACEAE
Duckweed Family
Lemma minor L.  LESSER DUCKWEED
Lemma trisulca L.  IVY-LEAVED DUCKWEED
Spirodela polyrhiza (L.) Schleiden.  GREATER DUCKWEED
Wolffia columbiana Karst.  COLUMBIA WOLFFIA

LENTIBULARIACEAE
Bladderwort Family
Utricularia vulgaris L. var. americana A. Gray.  GREATER BLADDERWORT
LOBELIACEAE

LOBELIA FAMILY

*Lobelia siphilitica* Lam. var. *ludoviciana* DC. LOUISIANA LOBELIA

*Lobelia spicata* Lam. var. *hirtella* A. Gray. ROUGH-SPIKED LOBELIA

*Lobelia spicata* Lam. var. *hirtella* A. Gray forma *albiflora* R. Hoffm. ALBINO ROUGH-SPIKED LOBELIA

NYMPHAECACEAE

WATER LILY FAMILY

*Brasenia Schreberi* Gmel. WATER SHIELD

*Nuphar variegatum* Engelm. LARGER YELLOW POND LILY

*Nymphaea tuberosa* Paine. SWEET-SCENTED WHITE WATER LILY

LYTHRACEAE

LOOSESTRIFE FAMILY

*Decodon verticillata* (L.) Ell. var. *laevigatus* T. & G. SMOOTH SWAMP LOOSESTRIFE

MALVACEAE

MALLOW FAMILY

*Malva neglecta* Wallr. COMMON MALLOWS

NYNCHACEAE

MOONSEED FAMILY

*Menispernum canadense* L. CANADA MOONSEED

MORACEAE

MULBERRY FAMILY

*Cannabis sativa* L. HEMP

NAJADACEAE

NAID FAMILY

*Najas flexilis* (Willd.) Rost. & Schmidt. SLENDER NAID

*Najas olivacea* Rosendahl & Butters. BRIGHT-GREEN NAID

OLEACEAE

OLIVE FAMILY

*Fraxinus nigra* Marsh. BLACK ASH

*Fraxinus pensylvonica* Marsh. var. *subintegerrima* (Vahl.) Fernald. GREEN ASH

*Syringa persica* L. PERSIAN LILAC

*Syringa vulgaris* L. COMMON LILAC

ONAGRACEAE

EVENING PRIMROSE FAMILY

*Circaea alpina* L. SMALLER ENCHANTER’S NIGHTSHADE

*Epilobium angustifolium* L. FIREWEED, GREAT WILLOW-HERB

*Epilobium coloratum* Biehler. PURPLE-LEAVED WILLOW-HERB

*Epilobium glandulosum* Lehm. var. *adenocaulon* (Haussk.) Fernald. NORTHERN WILLOW-HERB

*Epilobium leptophyllum* Raf. LINEAR-LEAVED WILLOW-HERB

*Epilobium palustre* L. MARSH WILLOW-HERB

*Epilobium stricturn* Muhl. DOWNY WILLOW-HERB

*Ludwigia palustris* (L.) Ell. MARSH PURSLANE

*Oenothera biennis* L. COMMON EVENING PRIMROSE

*Oenothera parviflora* L. NORTHERN EVENING PRIMROSE

*Oenothera rhombipetala* Nutt. RHOMBIC EVENING PRIMROSE
ORCHIDACEAE
Orchid Family

Corallorrhiza trifida Chatelain. EARLY CORAL ROOT

Cypripedium acaule Ait. STEMLESS LADY SLIPPER

Cypripedium arietinum R. Br. RAM'S-HEAD LADY SLIPPER

Cypripedium Calceolus L. var. pubescens (Willd.) Correll. LARGE YELLOW LADY SLIPPER

Cypripedium reginae Walt. SHOWY LADY SLIPPER

Goodyera repens (L.) R. Br. var. ophioides Fern. LESSER RATTLESNAKE PLANTAIN

Habenaria hyperborea (L.) R. Br. TALL LEAFY GREEN ORCHID

Habenaria lacera (Michx.) Lod. RAGGED ORCHID

Habenaria obtusata (Pursh) Richards. BLUNT-LEAVED ORCHID

Habenaria psychodes (L.) Spreng. SMALL PURPLE-FRINGED ORCHID

Liparis Loeselii (L.) L. C. Richard. LOESEL'S TWAYBLADE

Malaxis unifolia Michx. GREEN ADDER'S MOUTH

Pogonia ophioglossoides (L.) Ker. ROSE POCONIA

Spiranthes cernua (L.) Richard. NODDING LADIES' TRESSES

OXALIDACEAE
Wood-sorrel Family

Oxalis europaea Jordan. COMMON WOOD-SORREL

Oxalis rufa Small. RED-LeAVED WOOD-SORREL

Oxalis stricta L. UPRIGHT WOOD-SORREL

PAPAVERACEAE
Poppy Family

Sanguinaria canadensis L. BLOODROOT

PHRYMACEAE
Lopseed Family

Phryma leptostachya L. LOPSEED

PLANTAGINACEAE
Plantain Family

Plantago lanceolata L. RIB-GRASS

Plantago major L. COMMON PLANTAIN

Plantago Purshii R. & S. PURSH'S PLANTAIN

Plantago Rugelii Dcne. RUGEL'S PLANTAIN

POLEMONIACEAE
Phlox Family

Phlox divaricata L. var. Laphamii Wood. WILD BLUE PHLOX

Phlox paniculata L. SUMMER PERENNIAL PHLOX

Phlox pilosa L. var. fulgida Wherry. SHINING PRAIRIE PHLOX

Phlox pilosa L. var. fulgida Wherry forma albiflora (MacM.) Standl. ALBINO SHINING PRAIRIE PHLOX

Phlox subulata L. MOSS-PINK

POLYGALACEAE
Milkwort Family

Polygala cruciata L. CROSS-LEAVED MILKWORT

Polygala paucifolia Willd. FRINGED MILKWORT

Polygala polygama Walt. var. obtusata Chodat. RACEMED MILKWORT

Polygala sanguinea L. PURPLE MILKWORT

Polygala Senega L. SENeca SNAKE-ROOT

POLYGONACEAE
Buckwheat Family

Fagopyrum sagittatum Gilib. BUCKWHEAT

Polygonella articulata (L.) Meisn. COAST JOINTWEED

Polygonum achoenum Blake. BLUE KNOTWEED
Polygonum amphibium L. var. stipulaceum
(Coleman) Fernald. HARTWRIGHT'S
SMARTWEED

Polygonum arifolium L. HALBERED-LEAV-
ED TEAR-THUMB

Polygonum aviculare L. COMMON
KNOTWEED

Polygonum aviculare L. var. angustissimum
Meisn. NARROW-LEAVED KNOTWEED

Polygonum aviculare L. var. vegetum
Ledeb. STOUT KNOTWEED

Polygonum ciliidens Michx. FRINGED
BLACK BINDWEED

Polygonum Convolvulus L. BLACK BIND-
WEED

Polygonum Hydropiper L. COMMON
SMARTWEED

Polygonum lapathifolium L. DOCK-LEAV-
ED SMARTWEED

Polygonum lapathifolium L. var. salicifolium
Sibth. WOOLLY DOCK-LEAVED SMART-
WEED

Polygonum pensylvanicum L. var. laevigat-
um Fernald. SMOOTH PENNSYLVANIA
SMARTWEED

Polygonum Persicaria L. LADY'S THUMB

Polygonum punctatum Ell. DOTTED
SMARTWEED

Polygonum sagittatum L. ARROW-LEAVED
TEAR-THUMB

Polygonum scabrum Moench. GLANDULAR
LADY'S THUMB

Polygonum scandens L. CLIMBING FALSE
BUCKWHEAT

Polygonum tenue Michx. SLENDER
KNOTWEED

Rheum Rhaonticum L. GARDEN RHUBARB

Rumex acetosella L. FIELD OR SHEEP
SORREL

Rumex altissimus Wood. TALL DOCK

Rumex crispus L. CURLED DOCK

Rumex domesticus Hartm. DOMESTIC
DOCK

Rumex maritimus L. var. fueginus (Phil.)
Dusen. GOLDEN DOCK

Rumex mexicanus Meissn. PALE OR
WILLOW-LEAVED DOCK

Rumex orbiculatus A. Gray. GREAT WA-
TER DOCK

PORTULACACEAE
Purslane Family

Portulaca grandiflora Hooker. ROSE-MOSS

Portulaca oleracea L. PURSLANE, PUSLEY

POTAMOGETONACEAE
Pondweed Family

Potamogeton amplifolius Tucker. LARGE-LEAVED PONDWEED

Potamogeton gramineus L. VARIABLE
PONDWEED

Potamogeton natans L. FLOATING POND-
WEED

Potamogeton pectinatus L. SAGO POND-
WEED

Potamogeton praelongus Wulfen.
WHITE-STEMMED PONDWEED

Potamogeton pusillus L. PALERMO POND-
WEED

Potamogeton Robbinsii Oakes. ROBBINS' PONDWEED

Potamogeton zostoriformis Fernald.
AMERICAN EEL-GRASS PONDWEED

PRIMULACEAE
Primrose Family

Lysimachia ciliata L. RINGED LOOSE-
STRIFE

Lysimachia terrestris (L.) B.S.P.
BULB-BEARING LOOSESTRIFE

Lysimachia thyrsiflora L. TUFTED LOOSE-
STRIFE

Trientalis borealis Raf. NORTHERN STAR-
FLOWER

PYROLACEAE
Shin-Leaf Family

Chinaphila umbellata (L.) Nutt. var. cis-
atlantica Blake. AMERICAN PRINCE'S PINE, PIPSISSEWA
Monotropa Hypopithys L. Pinesap
Monotropa uniflora L. Indian pipe
Pyrola asarifolia Michx. Pink-flowered Pyrola
Pyrola asarifolia Michx. var. purpurea (Bunge) Fernald. Purple-flowered Pyrola
Pyrola elliptica Nutt. Common Pyrola
Pyrola rotundifolia L. var. americana (Sweet) Fernald. American Round-leaved Pyrola
Pyrola secunda L. One-sided Pyrola

RANUNCULACEAE
Buttercup or Crowfoot Family
Actaea rubra (Ait.) Willd. Red Baneberry
Anemone cylindrica A. Gray. Thimbleweed
Anemone quinquefolia L. var. interior Fernald. Hairy Wood Anemone
Anemone riparia Fernald. Hybrid Thimbleweed
Anemone virginiana L. Tall Thimbleweed
Aquilegia canadensis L. Wild Columbine
Caltha palustris L. Marsh Marigold
Coptis groenlandica (Oeder) Fernald. Goldthread
Delphinium virescens Nutt. Prairie Larkspur
Hepatica americana (DC.) Ker. Round-lobed Liverleaf
Hepatica americana (DC.) Ker. forma candida Fernald. White Round-lobed Liverleaf
Hepatica americana (DC.) Ker. forma rodontha Fernald. Pink Round-lobed Liverleaf
Pulsatilla ludoviciana (Nutt.) Heller. Pasque Flower
Ranunculus pensylvanicus L. f. Bristly Buttercup
Ranunculus recurvatus Poir. Hooked Crowfoot
Ranunculus rhomboideus Goldie. Prairie Crowfoot
Ranunculus sceleratus L. Cursed Crowfoot
Thalictrum dasycarpum Fisch. & Lall. Tall Meadow Rue

RHAMNACEAE
Buckthorn Family
Ceanothus americanus L. New Jersey Tea
Rhamnus alnifolia L’Her. Alder-leaved Buckthorn
Rhamnus cathartica L. Buckthorn
Rhamnus Frangula L. Alder Buckthorn

ROSACEAE
Rose Family
Amelanchier humilis Wiegand. Black-fruited Juneberry
Amelanchier humilis Wiegand. var. compacta Nielsen. Dense-clustered Black-fruited Juneberry
Amelanchier interior Nielsen. Inland Juneberry
Amelanchier intermedia Spach. Intermediate Juneberry
Amelanchier laevis Wieg. Smooth Juneberry
Aronia melanocarpa (Michx.) Spach. Black Chokeberry
Crataegus chrysocarpa Ashe. Fireberry Hawthorn
Fragaria vesca L. var. americana Porter. American Wood Strawberry
Fragaria virginiana Duchesne. Virginia Strawberry
Geum aleppicum Jacq. var. strictum (Ait.) Fernald. Yellow Avens
Geum canadense Jacq. White Avens
Geum triflorum Pursh. Long-plumed Purple Avens
Malus pumila Mill. Apple
Physocarpus opulifolius (L.) Maxim. var. intermedium (Rydb.) Robinson.
Hairy-fruited Nine-bark

Potentilla argentea L. SILVERY CINQUEFOIL

Potentilla argentea L. var. impolita (Wahlenb.) Tratt. SILKY-LEAVED CINQUEFOIL

Potentilla arguta Pursh. TALL CINQUEFOIL

Potentilla norvegica L. var. hirsuta (Michx.) Lehman. ROUGH CINQUEFOIL

Potentilla palustris (L.) Scop. MARSH CINQUEFOIL

Potentilla recta L. ROUGH-FRUITED CINQUEFOIL

Potentilla simplex Michx. OLD FIELD CINQUEFOIL

Prunus americana Marsh. AMERICAN WILD PLUM

Prunus pensylvanica L. f. PIN CHERRY

Prunus pumila L. SAND CHERRY

Prunus serotina Ehrh. BLACK CHERRY

Prunus triloba Lindl. FLOWERING ALMOND

Prunus virginiana L. CHoke CHERRY

Prunus virginiana L. var. leucocarpa (S. Wats.) Haynie. AMBER-FRUITED CHoke CHERRY

Rosa arkansana Porter. var. suffulta (Greene) Cockerell. HAIRY PRAIRIE ROSE

Rosa blanda Ait. SMOOTH WILD ROSE

Rubus allegheniensis Porter ex Bailey. HIGH-BUSH BLACKBERRY

Rubus flagellaris Willd. RUNNING DEW-BERRY

Rubus idaeus L. var. strigosus (Michx.) Maxim. WILD RASPBERRY

Rubus minnesota Bailey. MINNESOTA BLACKBERRY

Rubus occidentalis L. BLACK-CAP RASPBERRY

Rubus pubescens Raf. SWAMP BLACKBERRY

Rubus recurvans Blanchard. VARIABLE-LEAVED BLACKBERRY

Rubus vermontanus Blanchard. VERMONT BLACKBERRY

Sorbaria sorbifolia (L.) A. Br.
SORBUS-LEASED FALSE SPIRAEA

Sorbus decora (Sarg.) Schneid. HANDSOME MOUNTAIN ASH

Spiraea alba DuRoi. NARROW-LEASED MEADOW SWEET

Spiraea alba DuRoi. forma rosea J. W. Moore. PINK NARROW-LEASED MEADOW SWEET

Spiraea tomentosa L. var. rosea (Raf.) Fernald. ROSE-COLORED HARDHACK, STEEPLE-BUSH

Spiraea Van-Houttei (Briot) Zabel. VAN HOUTTE'S SPIRAEA

Rubiaceae
Madder Family

Calium asprellum Michx. ROUGH BEDSTRAW

Calium boreale L. NORTHERN BEDSTRAW

Calium labradoricum Wieg. LABRADOR MARSH BEDSTRAW

Calium tinctorum L. CLAYTON'S BEDSTRAW

Calium trifidum L. SMALL BEDSTRAW

Calium triflorum Michx. SWEET-SCENTED BEDSTRAW

Mitchella repens L. PARTRIDGE BERRY

Rutaceae
Rue Family

Zanthoxylum americanum Mill. PRICKLY ASH

Salicaceae
Willow Family

Populus alba L. WHITE POPLAR

Populus deltoides Marsh. COTTONWOOD

Populus grandidentata Michx. LARGE-TOOTHED ASPEN

Populus tremuloides Michx. QUAKING ASPEN

Salix alba L. var. tristis (Ser.) Gaudin. WEEPING WILLOW
Salix alba L. var. vitellina (L.) Ser. GOLDEN WILLOW
Salix amygdaloïdes Anderss. PEACH-LEAVED WILLOW
Salix Bebbiana Sarg. BEBB'S WILLOW
Salix candida Fligge. HOARY WILLOW
Salix candida Flīgge, var. denudata Anderss. GLABRESCENT-LEAVED HOARY WILLOW
Salix discolor Muhl. PUSSY WILLOW
Salix gracilis Anderss. SLENDER WILLOW
Salix humilis Marsh. PRAIRIE WILLOW
Salix interior Rowlee. SAND-BAR WILLOW
Salix lucida Muhl. SHINING WILLOW
Salix pedicellāris Pursh. var. hypoglaucā Fernald. GLAUCOUS BOG WILLOW
Salix pentandra L. LAUREL-LEAVED WILLOW
Salix pyriformis Anderss. BALSAM WILLOW
Salix serissima (Bailey) Fernald. AUTUMN WILLOW

SANTALACEAE
SANDALWOOD FAMILY
Comandra Richardsiana Fernald. FALSE TOAD-FLAX

SARRACENIACEAE
PITCHER PLANT FAMILY
Sarracenia purpurea L. PITCHER PLANT

SAXIFRAGACEAE
SAXIFRAGE FAMILY
Heuchera Richardsonii R. Br. var. hispidior R. B. L. PRAIRIE HEUCHERA
Mitella nuda L. NAKED BISHOP'S CAP
Parnassia palustris L. var. neogaea Fern. AMERICAN MARSH GRASS OF PARNASSUS
Ribes americanum Mill. WILD BLACK CURRANT
Ribes Grossularia L. GOOSEBERRY
Ribes hirtellum Michx. SWAMP GOOSEBERRY
Ribes odoratum Wendl. FLOWERING CURRANT
Ribes satoiurn Syme. GARDEN CURRANT
Ribes triste Pall. SWAMP RED CURRANT
Saxifraga pensylvanica L. SWAMP SAXIFRAGE

SCROPHULARIACEAE
FIGWORT FAMILY
Castilleja coccinea (L.) Sprengel. SCARLET INDIAN PAINT BRUSH
Chelone glabra L. TURTLEHEAD
Gerardia pauciflora (A. Gray) Britton. var. borealis (Pennell) Deam. NORTHERN SMALL-FLOWERED GERARDIA
Gerardia tenuifolia Vahl. var. parviflora Nutt. SMALL-FLOWERED SLENDER-LEAVED GERARDIA
Gratiola neglecta Torr. NORTHERN HEDGE HYSSOP
Linaria vulgaris Mill. BUTTER-AND-EGGS
Lindernia dubia (L.) Pennell. SHORT-STALKED FALSE PIPIERNE

Pedinularis canadensis L. COMMON LOUSEWORT, WOOD BETONY
Pedinularis lanceolata Michx. SWAMP LOUSEWORT
Penstemon gracilis Nutt. SLENDER BEARD-TONGUE
Penstemon grandiflorus Nutt. LARGE-FLOWERED BEARD-TONGUE
Scrophularia lanceolata Pursh. LANCE-LEAVED FIGWORT
Verbascum Thapsus L. GREAT MULLEIN
Veronica longifolia L. SEASIDE VERONICA
Veronica pergrina L. var. xalapensis (H.B.K.) St. John & Warren. GLANDULAR NECKWEED
Veronicastrum virginicum (L.) Farwell. CULVER'S ROOT
Solanaceae
Potato Family
Physalis heterophylla Nees. CLAMMY
   ground cherry
Physalis virginiana Mill. VIRGINIA ground
   cherry
Solanum americanum Mill. american
   black nightshade, blackberry
Solanum sarachoides Sendtn. hairy
   nightshade

Sparganiaceae
Bur-reed Family
Sparganium chlorocarpum Rydb. green-fruited bur-reed
Sparganium chlorocarpum Rydb. var. acaule
   (Beeby) Fernald. stemless
   green-fruited bur-reed

Tiliaceae
Linden Family
Tilia americana L. basswood, american
   linden

Typhaceae
Cat-tail Family
X Typha glauca Godron. hybrid
   cat-tail
Typha latifolia L. broad-leaved
   cat-tail

Ulmaceae
Elm Family
Ulmus americana L. american elm
Ulmus pumila L. siberian elm
Ulmus rubra Muhl. slippery elm

Umbelliferae
Carrot Family
Cicuta bulbifera L. bulb-bearing water
   hemlock
Cicuta maculata L. water hemlock,
   musquash root

Osmorhiza Claytoni (Michx.) C. B. Clarke.
   woolly sweet cicely
Sanicula marilandica L. black sanicle
Zizia aptera (A. Gray) Fernald.
   heart-leaved alexanders

Urticaceae
Nettle Family
Boehmeria cylindrica (L.) Sw. false
   nettle
Pilea fontana (Lunell) Rydb.
   black-fruited clearweed
Pilea pumila (L.) A. Gray. clearweed,
   richweed
Urtica gracilis Ait. slender wild nettle
Urtica procera Muhl. tall wild nettle

Verbenaeanae
Verbena Family
Verbena bracteata Lag. & Rodr.
   large-bracted vervain
Verbena hastata L. blue vervain

Violaceae
Violet Family
Viola conspicua Reichenb. american dog
   violet
Viola incoginta Brainerd. large-leaved
   white violet
Viola lanceolata L. lance-leaved violet
Viola nephrophylla Greene. northern
   bog violet
Viola novae-angliae House. new england
   blue violet
Viola pallens (Banks) Brainerd. northern
   white violet
Viola pedata L. var. lineatiloba DC.
   narrow-lobed bird's-foot violet
Viola pedatifida G. Don. prairie violet
Viola primulifolia L.  PRIMROSE-LEAVED VIOLET
Viola renifolia A. Gray.  KIDNEY-LEAVED VIOLET
Viola rugulosa Greene.  RYDBERG'S OR RUGULOSE VIOLET
Viola sagittata Ait.  ARROW-LEAVED VIOLET
Viola sororia Willd.  WOOLLY BLUE VIOLET
Viola tricolor L.  FIELD PANSY, HEART'S-EASE

VITACEAE
Grape Family
Parthenocissus inserta (Kerner) Fritsch. THICKET CREEPER
Vitis riparia Michx.  FROST GRAPE

XYRIDACEAE
Yellow-eyed Grass Family
Xyris torta Smith.  SLENDER YELLOW-EYED GRASS
INDEX OF COMMON NAMES

Adder's Mouth, Green 15
Adder's-tongue Family 1
Adder's-tongue 1
Alder 3
Speckled, Glaucous-leaved 3
Alexanders, Heart-leaved 20
Alfalfa 13
Almond, Flowering 18
Alyssum, Hairy 7
Amaranth Family 2
Amaranth 2
Red-nosed 2
Tumbleweed 2
Amaryllis Family 2
Anemone, Wood, Hairy 17
Apple 17
Arbor Vitae 2
Arrow Grass Family 12
Arrow-head 2
Broad-leaved 2
Crested 2
Hastate-leaved 2
Sessile-fruited 3
Arium Family 3
Ash 14
Black 14
Mountain, Handsome 18
Prickly 18
Asparagus, Garden 13
Aspen 13
Large-toothed 18
Quaking 18
Aster 13
Arrow-leaved 5
Bog 5
Frost-weed 5
Golden, Hairy 5
Large-leaved 5
Lindley's 5
New England 5
Pink 5
White 5
Ontario 5
Panicked 5
Red-stalked 5
Silky 5
Sky-blue 5
White, Downy Flat-topped 5
Avens 13
Purple, Long-plumed 17
White 17
Yellow 17
Baby's Breath 4
Baneberry, Red 17
Barley 10
Bartonia, Yellow 9
Basswood 20
Bean 12
Wild 12
Small 13
Bearberry 9
Beard-tongue 19
Large-flowered 19
Slender 19
Bedstraw 18
Clayton's 18
Marsh, Labrador 18
Northern 18
Rough 18
Small 18
Sweet-scented 18
BEECH FAMILY 9
Beech, Blue 3
Beggarticks 5
Leafy 5
Showy, Narrow-lobed 5
Swamp 5
Petioled 5
Beggarticks, European 4
Marsh 4
Blue 4
Bells of Ireland 12
Bellflower 13
Large-flowered 13
Sessile-leaved 13
Bent Grass, Rough 10
Bergamot, Wild, Pale 12
Botony, Wood 19
BIGNONIA FAMILY 3
Bindweed 2
Black 16
Fringed 16
Hedge 7
Pink 7
Small 7
BIRCH FAMILY 3
Birch 3
Bog 3
Canoe 3
Dwarf 3
Hybrid, Sandberg's 3
Paper 3
Yellow 3
Bishop's Cap, Naked 19
BITTERSWEET FAMILY 4
Bittersweet, Climbing 4
Blackberry 18
High-bush 18
Minnesota 18
Swamp 18
Variable-leaved 18
Vernon 18
Black-eyed Susan 18
BLADDERWORT FAMILY 13
Bladderwort, Greater 13
Bladberry 20
Blazing Star, Rough 15
Bloodroot 15
BLUEBELL FAMILY 4
Bluebells of Scotland 4
Blueberry 20
Canadian 9
Narrow-leaved 9
Blue-eyed Grass, Prairie 11
Bluestem 10
Big 10
Little 10
Boneset 6
Common 6
Purple 6
BORAGE FAMILY 3
Bouncing Bet 4
Box Elder 2
Bracken 1
Buckbean 17
BUCKTHORN FAMILY 17
Buckthorn 17
Alder 17
Alder-leaved 17
BUCKWHEAT FAMILY 15
Buckwheat 15
False, Climbing 16
Bog, Weed, Northern 12
Bulbostylis, Hair-like 7
Bulrush 9
Great 9
American 9
River 9
Bunchberry 7
Burdock, Common 5
BUR-REED FAMILY 20
Bur-reed 20
Green-fruited 20
Stemless 20
Bush-clover, Round-headed 12
Butter-and-eggs 19
BUTTERCUP FAMILY 17
Buttercup, Bristly 17
Butterfly Weed, Taper-leaved 3
Cabbage, Skunk 3
Calla, Wild 3
Camomile, White 4
CAPER FAMILY 4
CARPET-WEED FAMILY 2
Carpet-weed 2
Carnation-flower 13
Hairy 13
Smooth 13
CARROTY FAMILY 20
Catalpa, Western 3
Cat-ble 4
Sleepy 4
Sweet William 4
Catnip 12
CAT-TAIL FAMILY 20
Cat-tail 20
Broad-leaved 20
Hybrid 20
Cedar 18
Red 2
White 2
Celery, Wild 11
Chamomile, Rayless 6
Charlock 7
Checkerberry 9
Cherry 18
Black 18
Choke 18
Amber-fruiting 18
Ground 18
Clammy 20
Virginia 20
Pin 18
Sand 18
Chess, Kalm's 10
Chickweed 18
Indian 2
Mouse-ear, Larger 2
Chives 13
Chokeberry, Black 17
Chufa 8
Cicely, Sweet, Woolly 20
CINNAMON FERN FAMILY 4
Cinnamon 4
Marsh 18
Old Field 18
Rough 18
Rough-fruiting 18
Silky-leaved 18
Silvery 18
Tall 18
Clammyweed 4
Clearweed 20
Black-fruited 20
Clintonia, Yellow 13
Clover
Alsike 13
Hop 13
Rabbit-foot 13
Red 13
Sweet
White 13
Yellow 13
White 13
Roseate 13

CLUBMOSS FAMILY 1
Clubmoss
Bog 1
Running 1
Shining 1

Club-rush
Clinton’s 9
Water 9
Columbine, Wild 17
COMPOSITE FAMILY 5
Cowtail 4
Coral Root, Early 13
Coreopsis, Lance-leaved 6
Cornel, Dwarf 7
Cotton Grass
Sheathed 8
Slender 8
Thin-leaved 9
Virginia 9
Cottonwood 18
Cranberry, Small 10

Cranesbill
Bicknell’s 10
Spotted 10

Creeping Thimbleweed 21
Creeping Charley 13
Creeping Jenny 7

Cress
Bulbous 7
Water 7
Yellow 7
Frail 7

CROWFOOT FAMILY 17
Crowfoot
Curled 17
Hooked 17

Cucumber, Wild 7

Curled, Drupe 19

Cypress
Arm 8
Englemann’s 8
Fragrant 8
Low 8
Schweinitz’s 8
Shining 8

Slender, Few-flowered 8

CYPRESS FAMILY 2

Daisy, Ox-eye 5

Daisy’s Brocket 7

Dandelion

Common 7
Dwarf, Two-flowered 6
Red-seeded 7
Day-flower, Asiatic 5
Dewberry, Running 18

Dock
Curled 16
Domestic 16
Golden 16
Great Water 16
Pale 16
Tall 16

Willow-leaved 16

DOGBANE FAMILY 3
Dogbane
Sesile-leaved 3

SPREADING 3

DOUGLAS FAMILY 7
Douglas
Alter-nate-leaved 7

Burley’s 7
Punicea 7
Red-rose 7
Round-leaved 7

Drag-on-head, False 12

Drop-seed
Northern 11
Sand 11

Duckweed

Duckweed

Duckweed
Greater 13
Ivy-leaved 13
Lesser 13

Dulichium 9

Elder

Common 4
Marsh 6
Red-berried 4

ELM FAMILY 20

Elm
American 20
Siberian 20
Slippery 20

ELKHOLZIA, FRINGED 12

Evening Primrose

Evening Primrose
Common 14
Northern 14
Rhombic 14

EVERLASTING

Canadian 5
Field 5
Pearly 5
Smaller 5
Sweet 5

Trig 5

Wooly-leaved 5

FERN FAMILY

ADDER’S TONGUE 1

CINNAMON FERN 1

FERN

Fern

Fracken 1

Cinnamon 1

Grute

Larger Leathery 1

Virginia 1

Interrupted 1

Lady

Reddish 1

Upland 1

Marsh, Northern 1

Oak 1

Rattle-nake 1

ROYAL 1

Sensitive 1

Shield 1

Crested 1

Spinulose 1

Fescue 10

FIGWORT FAMILY 19

Finewort, Lace-leaved 19

Fire, Bluestem 2

Fireweed 14

Flag, Blue 11

Firebush 11

Daisy 6

Silver 6

Fly-honeysuckle, Mountain 4

Forget-me-not 3

FOUR-O’CLOCK FAMILY 14

Foxglove, Green 11

Frieditia, Prairie 2

FROG’S BIT FAMILY 11

Frog-turf, Hairy 5

Galliwasp, Hairy 6

GENTIAN FAMILY 9

Gentian
Andrew’s 9
Narrow-leaved 9

GLANUM FAMILY 10

Gerardia

Slender-leaved, Small-flowered 19

Small-flowered, Northern 19

GINSING FAMILY 3

Ginseng Family

Large 7

Yellow 7

Goldenrod 6

Bog 6

Bushy 6

Canada 6

Gray 6

Eastern 6

Hairy 6

Lace 6

Smooth-leaved 6

Missouri, Bunch-leaved 6

Snowy, Slender 6

Stiff 6

Zig-zag 6

Goldthread 17

Gooseberry 19

Swamp 19

COUGRAL FAMILY 1

Cowfoot

Mush-leaved 4

Narrow-leaved 4

Gourd FAMILY 7

Grana 10

Grapes, Floret 21

Grass FAMILY 10

Grass

Barley 10

Barnyard, Britly 10

Bent, Rough 10

Blue 11

Annual 11

Canada 11

Kentucky 11

Lawn 11

Blue-eyed, Prairie 11

Blue-joint 10

Blue-stem 10

Brome 10

Downy 10

Fringed 10
<table>
<thead>
<tr>
<th>Hungarian</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canary, Reed</td>
<td>11</td>
</tr>
<tr>
<td>Chess, Kalm's</td>
<td>10</td>
</tr>
<tr>
<td>Cord, Prairie</td>
<td>11</td>
</tr>
<tr>
<td>Cotton</td>
<td>8,9</td>
</tr>
<tr>
<td>Crab, Small</td>
<td>10</td>
</tr>
<tr>
<td>Cut, Rice</td>
<td>10</td>
</tr>
<tr>
<td>Dropseed</td>
<td>8</td>
</tr>
<tr>
<td>Northern</td>
<td>11</td>
</tr>
<tr>
<td>Sand</td>
<td>11</td>
</tr>
<tr>
<td>Fescue</td>
<td>10</td>
</tr>
<tr>
<td>Red</td>
<td>10</td>
</tr>
<tr>
<td>Rocky Mountain</td>
<td>10</td>
</tr>
<tr>
<td>Sledge</td>
<td>10</td>
</tr>
<tr>
<td>Sheep's</td>
<td>10</td>
</tr>
<tr>
<td>Foxtail, Green</td>
<td>11</td>
</tr>
<tr>
<td>Grama</td>
<td>10</td>
</tr>
<tr>
<td>Hauny</td>
<td>10</td>
</tr>
<tr>
<td>Side-oats</td>
<td>10</td>
</tr>
<tr>
<td>Hair, Crested</td>
<td>10</td>
</tr>
<tr>
<td>Holy</td>
<td>10</td>
</tr>
<tr>
<td>Indian</td>
<td>11</td>
</tr>
<tr>
<td>June</td>
<td>11</td>
</tr>
<tr>
<td>Love</td>
<td>10</td>
</tr>
<tr>
<td>Hair</td>
<td>10</td>
</tr>
<tr>
<td>Purple</td>
<td>10</td>
</tr>
<tr>
<td>Pursh's</td>
<td>10</td>
</tr>
<tr>
<td>Manna</td>
<td>10</td>
</tr>
<tr>
<td>Nerved</td>
<td>10</td>
</tr>
<tr>
<td>Northern, Batchelder</td>
<td>10</td>
</tr>
<tr>
<td>Meadow</td>
<td>10</td>
</tr>
<tr>
<td>Fowl</td>
<td>11</td>
</tr>
<tr>
<td>Reed</td>
<td>10</td>
</tr>
<tr>
<td>Mele, False</td>
<td>11</td>
</tr>
<tr>
<td>Mountain-rice</td>
<td>10</td>
</tr>
<tr>
<td>Black-fruited</td>
<td>11</td>
</tr>
<tr>
<td>Rough-leaved</td>
<td>11</td>
</tr>
<tr>
<td>Nut, Yellow</td>
<td>10</td>
</tr>
<tr>
<td>Oat, Wild, Common</td>
<td>10</td>
</tr>
<tr>
<td>Oats</td>
<td>10</td>
</tr>
<tr>
<td>Panic</td>
<td>10</td>
</tr>
<tr>
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Classification of Plants

**Rush**
- Alpine Rush
- Brown-fruited Rush
- Canada Rush
- Dudley’s Rush
- Greene’s Rush
- Knotted Rush
- Narrow-panicked Rush
- Slender Rush
- Spike Rush
- Toad Rush
- Wood, Upright Rush

**Rye**
- Sage, Prairie Rye
- St. John’s-wort Family
  - Marsh Small-flowered Rush
  - Sandalwood Family
    - Sandbur
    - Sandwort, Blunt-leaved
    - Sarsaparilla, Wild
    - Saxifrage Family
    - Saxifrage, Swamp
    - Scheuchzeria, American
    - Scouring-rush
      - Intermediate Scouring-rush
      - Kansas Scouring-rush
      - Smooth Scouring-rush
      - Tall Scouring-rush

**Sedge Family**
- Spike Rush
  - Spike Rush
  - Spikenard, American
  - Spikenard, Spiked
  - Spikenard, Short
  - Spikenard, Tall
  - Spikenard, Yellow
  - Staff Tree Family
    - Starflower, Northern
    - Steeple-bush
    - Sticklewort, Long-leaved
    - Stickseed, Ditch
    - Strawberry
    - Virginia
    - Wood, American
  - Sumac Family
    - Sumac
    - Poison
    - Smooth
    - Staghorn
    - Summer-cypress
    - Sundew Family
    - Sundew, Round-leaved
    - Sunflower
    - Common

**Giant Family**
- Giant
- Prairie
- Stiff
- Stiff-hairy
- Sweet Cicely, Woolly
- Sweet William
- Tamarack
- Tansey
- Tape Grass
- Tea
- Labrador
- New Jersey
- Tear-thumb
- Arrow-leaved
- Haberled-leaved
- Thimble Weed
- Hybrid
- Tall
- Thistle
  - Bull
  - Canada
  - Field
  - Russian
  - Sow, Corn, Smooth
  - Swamp
  - Three-square
  - Tickleseed, Stiff
  - Tickle-trefoil
  - Canada
  - Pointed-leaved
  - Timothy
  - Wild
  - Toad-flax, False
  - Touch-me-not Family
    - Touch-me-not, Spotted
    - Trillium, Snow
    - Turtlehead
    - Twayblade, Loesel’s
    - Twin-flower
  - Umbrellawort
    - Hairy
    - Heart-leaved
    - Veronica, Seaside
    - Vervain Family
    - Vervain
    - Blue
    - Large-bracted
    - Vetch
    - Hairy
    - Milk, Canadian
    - Narrow-leaved
    - Vetchling
    - Marsh
    - Pale
    - Violet Family
      - Violet
      - Arrow-leaved
      - Bird’s-foot, Narrow-lobed
      - Blue
      - New England
      - Woolly
      - Bog
      - Dog, American
      - Kidney-leaved
      - Lance-leaved
      - Prairie
      - Primrose-leaved
      - Rugulose
      - Rydberg’s
      - White
      - Large-leaved
      - Northern
      - Walnut Family
      - Walnut, Black
      - Wake-robins
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