

A CHECKLIST OF THE
VASCULAR FLORA OF PINE LAKE

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Hartwick College, Oneonta, New York 13820

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INTRODUCTION

The Pine Lake property consists of approximately 1100 acres located roughly seven miles east of Oneonta, New York in Delaware County. It was purchased by Hartwick College in the Spring of 1971. The property, consisting of many distinct vegetation types, is a most interesting area for biological studies. An open mountain bog (Mud Lake) and a wooded mountain stream (Shelley Brook) can be found among mixed woods north of Pine Lake Road (see Map I). Major areas south of Pine Lake Road include spring-fed Pine Lake, an alder bog, a hemlock swamp, mixed woodlands, and open fields (see Map II).

A preliminary checklist was made in 1971, in which 75 families were represented with approximately 270 species. This list excluded fall flowering plants and grasses. From 1971 through 1975 collections were made throughout the growing season to supplement the preliminary list. The 1975 checklist now contains 291 genera with 518 species and subspecific taxa represented in 94 families. The collection is presently housed in the Hoysradt Herbarium, Hartwick College.

SCIENTIFIC NAMES

Each species is denoted by a scientific name. The scientific name consists of three parts - genus, species, and author citation. The genus and species are either in Latin or are Latinized. The author citation denotes the person who first

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described the plant. All of the scientific names are believed to be legitimate in accordance with the International Code of Botanical Nomenclature.

COMMON NAMES

Most of the common names selected for the checklist were extracted from Gray's Manual of Botany, Peterson's Field Guide to Wildflowers or Seymour's Flora of Vermont. An attempt was made to select the "best" common name, although it is well understood that common names lack the precision of scientific names.

LIST OF REFERENCES

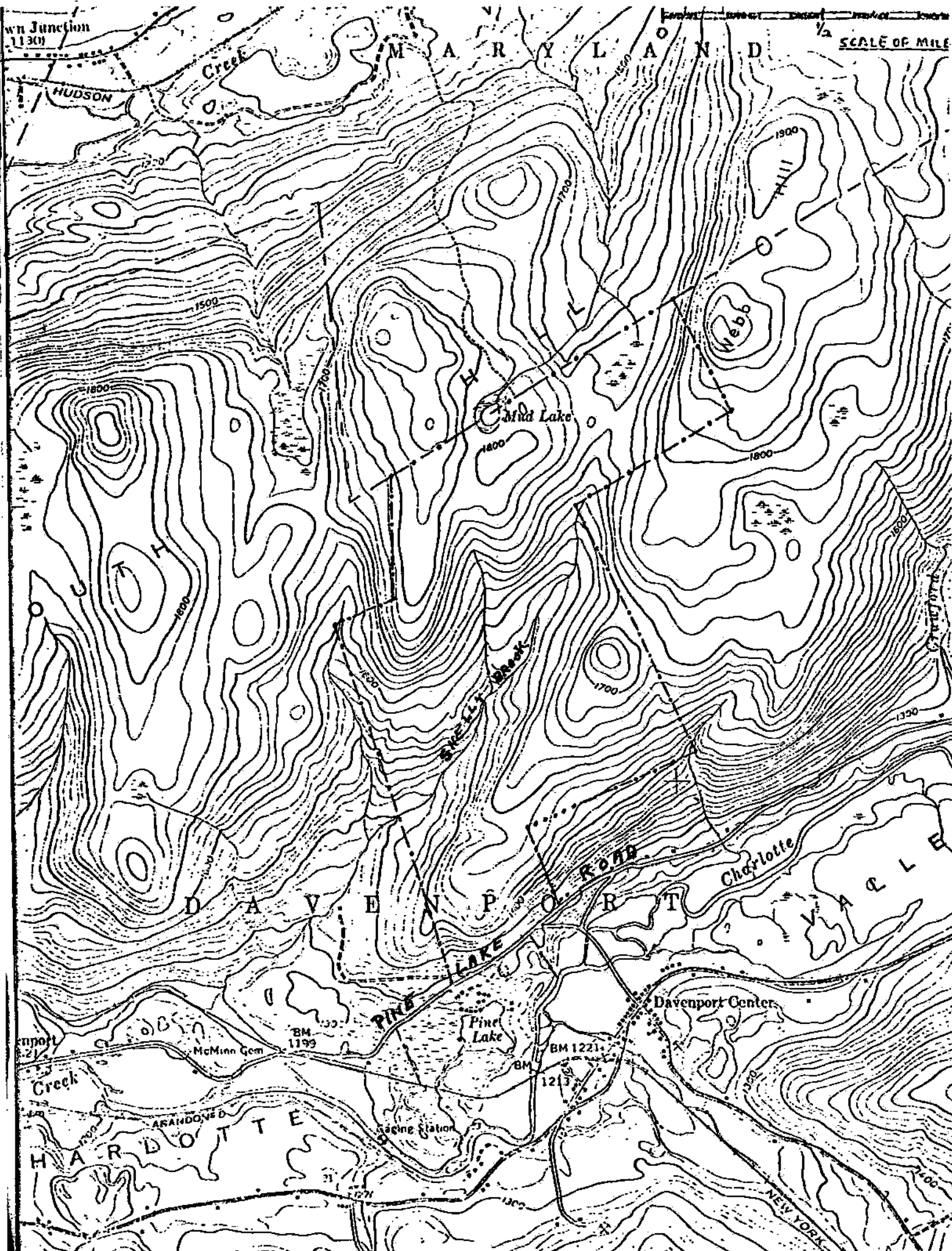
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Map I
Outline of Entire Property

wn Junction
11301

SCALE OF MILE



port
21

BM 1199

BM 1221

BM 1213

Creek

ARANDON D

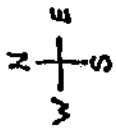
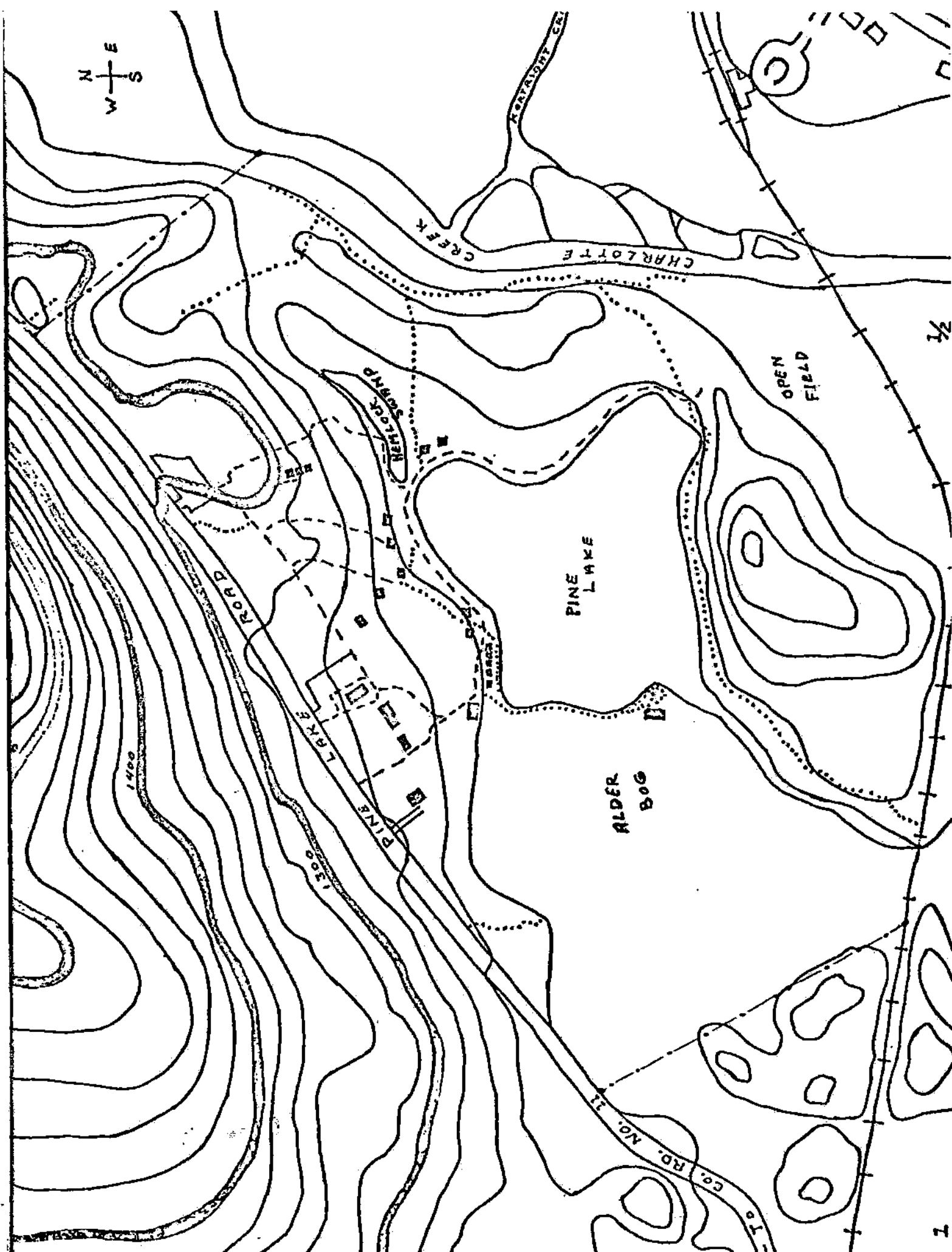
HARDOTTE

port

NEW YORK

Map II

Outline of Property Below the Main Road



CHARLOTTE CR.

CHARLOTTE CREEK

CHARLOTTE

NETSOGS

OPEN FIELD

PINE LAKE

ALDER BOG

ROAD

PINE LAKE

PINE

To Co. RD. No. 11

1400

1300

31

7

DIVISION TRACHEOPHYTA

SUBDIVISION LYCOPSIDA

LYCOPODIACEAE - Clubmoss Family

Lycopodium

- | | |
|---|----------------------|
| <u>L. annotinum</u> L. | Stiff Clubmoss |
| var. <u>acrifolium</u> Fern. | |
| <u>L. clavatum</u> L. | Wolf's Claw Clubmoss |
| var. <u>clavatum</u> | |
| <u>L. complanatum</u> L. | Running Pine |
| var. <u>flabelliforme</u> Fern. | |
| <u>L. lucidulum</u> Michx. | Shining Clubmoss |
| var. <u>lucidulum</u> | |
| <u>L. obscurum</u> L. | Tree Clubmoss |
| var. <u>dendroideum</u> (Michx.) D. C. Eat. | |

SUBDIVISION SPHENOPSIDA

EQUISETACEAE - Horsetail Family

Equisetum

- | | |
|---------------------------------|------------------|
| <u>E. arvense</u> L. | Field Horsetail |
| var. <u>arvense</u> | |
| <u>E. pratense</u> Ehrh. | Meadow Horsetail |
| <u>E. sylvaticum</u> L. | Wood Horsetail |
| var. <u>pauciramosum</u> Milde | |
| forma <u>multiramosum</u> Fern. | |

SUBDIVISION PTEROPSIDA

CLASS EUSPORANGIOPSIDA

OPHIOGLOSSACEAE - Adder's-tongue Family

Botrychium

- | | |
|--|-----------------------|
| <u>B. dissectum</u> Spreng. | Cut-leaved Grape Fern |
| forma <u>oneidense</u> (Gilbert) Clute | |
| <u>B. matricariaefolium</u> A. Br. | Daisyleaf Grape Fern |
| forma <u>matricariaefolium</u> | |
| <u>B. virginianum</u> (L.) Sw. | Rattlesnake Fern |
| var. <u>virginianum</u> | |

CLASS LEPTOSPORANGIOPSIDA

OSMUNDACEAE - Royal Fern Family

Osmunda

- | | |
|--------------------------|------------------|
| <u>O. cinnamomea</u> L. | Cinnamon Fern |
| forma <u>cinnamomea</u> | |
| <u>O. claytoniana</u> L. | Interrupted Fern |
| forma <u>claytoniana</u> | |

POLYPODIACEAE - Fern Family

Adiantum

- A. pedatum L.
var. pedatum

Maiden-hair Fern

Asplenium

- A. platyneuron (L.) Oakes
forma platyneuron
A. trichomanes L.
forma trichomanes

Ebony Spleenwort

Maiden-hair Spleenwort

Athyrium

- A. filix-femina (L.) Roth
var. michauxii (Spreng.) Farw.
forma rubellum (Gilbert) Farw.
A. thelypteroides (Michx.) Desv.
forma acrostichoides (Sw.) Gilbert

Lady Fern

Silvery Spleenwort

Camptosorus

- C. rhizophyllus (L.) Link
forma rhizophyllus

Walking Fern

Dennstaedtia

- D. punctilobula (Michx.) Moore
forma punctilobula

Hay-scented Fern

Dryopteris

- D. cristata (L.) Gray
var. cristata
D. marginalis (L.) Gray
forma marginalis
D. spinulosa (O. F. Muell.) Watt
var. americana (Fisch.) Fern.
var. intermedia (Muhl.) Underw.
var. spinulosa

Crested Fern

Marginal Woodfern

Mountain Woodfern
Evergreen Woodfern
Spinulose WoodfernGymnocarpium

- G. dryopteris (L.) Newm.
var. dryopteris

Oak Fern

Matteuccia

- M. struthiopteris (L.) Todaro
var. pennsylvanica (Willd.) Morton

Ostrich Fern

Onoclea

- O. sensibilis L.
forma sensibilis

Sensitive Fern

Polypodium

- P. virginianum L.
forma virginianum

Common Polypody

Polystichum

- P. acrostichoides (Michx.) Schott
 forma acrostichoides
 forma incisum (Gray) Gilbert

Christmas Fern

Pteridium

- P. aquilinum (L.) Kuhn
 var. latiusculum (Desv.) Underw.

Bracken Fern

Thelypteris

- T. hexagonoptera (Michx.) Weatherby
T. noveboracensis (L.) Nieuwl.
T. palustris (Salisb.) Schott
 var. pubescens (Lawson) Fern.
 forma pubescens
T. phegopteris (L.) Slosson

Broad Beech Fern

New York Fern

Marsh Fern

Long Beech Fern

CLASS GYMNOSPERMAE

PINACEAE - Pine Family

LarixL. laricina (DuRoi) K. Koch

Tamarack

PiceaP. abies (L.) Karst.

Norway Spruce

P. mariana (Mill.) BSP

Black Spruce

P. rubens Sarg.

Red Spruce

PinusP. resinosa Ait.

Red Pine

P. strobus L.

White Pine

TsugaT. canadensis (L.) Carr.

Hemlock

CLASS ANGIOSPERMAE

SUBCLASS MONOCOTYLEDONAE

TYPHACEAE - Cattail Family

Typha

T. latifolia L. Common Cattail

SPARGANIACEAE - Bur-reed Family

Sparganium

S. americanum Nutt. Bur-reed

POTAMOGETONACEAE - Pondweed Family

Potamogeton

P. alpinus Balbis Alpine Pondweed
P. amplifolius Tuckerm. Large-leaved Pondweed
P. crispus L. Curly Pondweed
P. ephyrus Raf. Nuttall's Pondweed
P. illinoensis Morong Illinois Pondweed
P. natans L.
P. pusillus L. Small Pondweed

NAJADACEAE - Naiad Family

Najas

N. flexilis (Willd.) Rostk. & Schmidt Naiad

ALISMATACEAE - Water-plantain Family

Sagittaria

S. graminea Michx. Arrowhead
S. latifolia Willd. Dick-potato

HYDROCHARITACEAE - Frog's-bit Family

Elodea

E. canadensis Michx. Waterweed

GRAMINEAE - Grass Family

Agropyron

A. repens (L.) Beauv. Quack Grass

Agrostis

A. alba L. Redtop
 forma alba
 forma aristigera Fern.

<u>A. hyemalis</u> (Walt.) BSP	Hairgrass
var. <u>tenuis</u> (Tuckerm.) Gl.	
<u>A. perennans</u> (Walt.) Tuckerm.	Thin Grass
<u>A. tenuis</u> Sibth.	Rhode Island Bent
<u>Anthoxanthum</u>	
<u>A. odoratum</u> L.	Sweet Vernal Grass
<u>Avena</u>	
<u>A. sativa</u> L.	Oats
<u>Brachyelytrum</u>	
<u>B. erectum</u> (Schreb.) Beauv.	Bearded Short-husk
<u>Bromus</u>	
<u>B. ciliatus</u> L.	Fringed Brome
<u>B. inermis</u> Leyss.	Awnless Brome
<u>Calamagrostis</u>	
<u>C. canadensis</u> (Michx.) Beauv.	Blue-joint
<u>Dactylis</u>	
<u>D. glomerata</u> L.	Orchard Grass
<u>Danthonia</u>	
<u>D. compressa</u> Aust.	Flattened Oat-grass
<u>D. spicata</u> (L.) Beauv.	Poverty Grass
<u>Digitaria</u>	
<u>D. sanguinalis</u> (L.) Scop.	Common Crabgrass
<u>Echinochloa</u>	
<u>E. crusgalli</u> (L.) Beauv.	Barnyard Grass
<u>E. muricata</u> (Beauv.) Fern.	
<u>Elymus</u>	
<u>E. virginicus</u> L.	Erect Wild-rye
<u>Eragrostis</u>	
<u>E. capillaris</u> (L.) Nees	Lacegrass
<u>E. pilosa</u> (L.) Beauv.	India Lovegrass
<u>Festuca</u>	
<u>F. elatior</u> L.	Meadow Fescue
var. <u>arundinacea</u> (Schreb.) Wimmer	
var. <u>pratensis</u> (Huds.) Gray	
<u>Glyceria</u>	
<u>G. grandis</u> S. Wats.	Reed-meadow Grass
<u>G. striata</u> (Lam.) Hitchc.	Fowl-meadow Grass
<u>Muhlenbergia</u>	
<u>M. schreberi</u> Gmel.	Nimbleweed
<u>Panicum</u>	
<u>P. clandestinum</u> L.	Deertongue

<u>P. dichotomum</u> L.	Forked Panic Grass
<u>P. lanuginosum</u> Ell.	Hairy Panic Grass
var. <u>fasciculatum</u> (Torr.) Fern.	
var. <u>implicatum</u> (Scribn.) Fern.	
<u>P. linearifolium</u> Scribn.	Tufted Panic Grass
var. <u>linearifolium</u>	
var. <u>wernerii</u> (Scribn.) Fern.	
<u>Phalaris</u>	
<u>P. arundinacea</u> L.	Reed Canary-grass
<u>Phleum</u>	
<u>P. pratense</u> L.	Timothy
<u>Poa</u>	
<u>P. alsodes</u> Gray	Grove Meadow Grass
<u>P. annua</u> L.	Annual Bluegrass
<u>P. compressa</u> L.	Canada Bluegrass
<u>P. pratensis</u> L.	Kentucky Bluegrass
<u>P. saltuensis</u> Fern. & Wieg.	Woodland Bluegrass

CYPERACEAE - Sedge Family

<u>Bulbostylis</u>	
<u>B. capillaris</u> (L.) Clarke	Hair Rush
<u>Carex</u>	
<u>C. arctata</u> Boott	Sedge
<u>C. comosa</u> Boott	
<u>C. crinita</u> Lam.	
<u>C. hystericina</u> Muhl.	
<u>C. laevivaginata</u> (Kukenth.) Mackenzie	
<u>C. normalis</u> Mackenzie	
<u>C. pallescens</u> L.	
<u>C. platyphylla</u> Carey	
<u>C. retrorsa</u> Schw.	
<u>C. rosea</u> Schk.	
<u>C. scabrata</u> Schw.	
<u>C. scoparia</u> Schk.	
<u>C. trisperma</u> Dewey	
<u>Dulichium</u>	
<u>D. arundinaceum</u> (L.) Britt.	Three-way Sedge
<u>Eleocharis</u>	
<u>E. ovata</u> (Roth) R. & S.	Ovoid Spike Rush
<u>E. smallii</u> Britt.	Spike Rush
<u>Eriophorum</u>	
<u>E. virginicum</u> L.	Cotton Grass

RhynchosporaR. alba (L.) Vahl

Beak Rush

ScirpusS. atrovirens Willd.

Dusky Bulrush

S. cyperinus (L.) Kunth.

Wool Grass

S. validus Vahl

Great Bulrush

ARACEAE - Arum Family

AcorusA. calamus L.

Sweet-flag

ArisaemaA. triphyllum (L.) Schott

Jack-in-the-pulpit f

CallaC. palustris L.

Water-arum.

SymplocarpusS. foetidus (L.) Nutt.

Skunk Cabbage

LEMNACEAE - Duckweed Family

LemnaL. minor L.

Duckweed

SpirodelaS. polyrhiza (L.) Schleiden

Greater Duckweed

PONTEDERIACEAE - Pickerel-weed Family

PontederiaP. cordata L.

Pickerel-weed ✓

JUNCACEAE - Rush Family

JuncusJ. tenuis Willd.

Path Rush

LILIACEAE - Lily Family

ClintoniaC. borealis (Ait.) Raf.

Corn-lily

HemerocallisH. fulva L.

Common Orange Day-lily

LiliumL. canadense L.

Canada Lily, Wild Yellow Lily

forma canadense

forma rubrum Britt.

Red Canada Lily

L. philadelphicum L.

Wood Lily

L. superbum L.

Turk's Cap Lily

MaianthemumM. canadense Desf.

Wild Lily-of-the-valley

MedeolaM. virginiana L.

Indian Cucumber-root

PolygonatumP. biflorum (Walt.) Ell.

Solomon's-seal

var. biflorumvar. commutatum (Schultes f.) Morong

Great Solomon's-seal

P. pubescens (Willd.) Pursh

Hairy Solomon's-seal

SmilacinaS. racemosa (L.) Desf.

False Spikenard

S. stellata (L.) Desf.

False Solomon's-seal

SmilaxS. herbacea L.

Carrion-flower

TrilliumT. erectum L.

Red Trillium

T. grandiflorum (Michx.) Salisb.

Common Trillium

T. undulatum Willd.

Painted Trillium

UvulariaU. sessilifolia L.

Wild Oats

VeratrumV. viride Ait.

False Hellebore

IRIDACEAE - Iris Family

IrisI. versicolor L.

Wild Blue Flag

SisyrinchiumS. angustifolium Mill.

Blue-eyed Grass

S. montanum Greene

ORCHIDACEAE - Orchid Family

CalopogonC. tuberosa (L.) BSP

Grass Pink

CorallorhizaC. maculata Raf.

Spotted Coral-root

C. trifida Chat.

Northern Coral-root

CypripediumC. acaule Ait.

Pink Lady-slipper

C. calceolus L.

Yellow Lady-slipper

EpipactisE. helleborine (L.) Crantz

Helleborine ✕

GoodyeraG. repens (L.) R. Br.

Dwarf Rattlesnake-plantain ✕

HabenariaH. blephariglottis (Willd.) Hook.

White Fringed Orchid ✕

H. viridis (L.) R. Br.

Long-bracted Green Orchid ✕

var. bracteata (Willd.) GrayMalaxisM. unifolia Michx.

Green Adder's Mouth ✕

PogoniaP. ophioglossoides (L.) Ker

Rose Pogonia ✕

SpiranthesS. cernua (L.) L. C. Rich.

Nodding Ladies'-tresses ✕

SUBCLASS DICOTYLEDONAE

SALICACEAE - Willow Family

Populus

<u>P. deltoides</u> Marsh.	Cottonwood	X
<u>P. grandidentata</u> Michx.	Large-toothed Aspen	
<u>P. tremuloides</u> Michx.	Quaking Aspen	

Salix

<u>S. nigra</u> Marsh.	Black Willow	X
<u>S. rigida</u> Muhl.	Heart-leaved Willow	
<u>S. sericea</u> Marsh.	Silky Willow	

MYRICACEAE - Wax - myrtle Family

Comptonia

<u>C. peregrina</u> (L.) Coult.	Sweet-fern	X
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JUGLANDACEAE - Walnut Family

Juglans

<u>J. cinerea</u> L.	Butternut	X
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BETULACEAE - Birch Family

Alnus

<u>A. rugosa</u> (DuRoi) Spreng.	Speckled Alder	X
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Betula

<u>B. alleghaniensis</u> Britt.	Yellow Birch	X
<u>B. cordifolia</u> Regel	Canoe Birch	X
<u>B. lenta</u> L.	Black, Sweet, or Cherry Birch	X
<u>B. papyrifera</u> Marsh.	Paper Birch	X

Carpinus

<u>C. caroliniana</u> Walt.	American Hornbeam, Ironwood	X
-----------------------------	-----------------------------	---

Corylus

<u>C. cornuta</u> Marsh.	Beaked Hazelnut	X
--------------------------	-----------------	---

Ostrya

<u>O. virginiana</u> (Mill.) K. Koch	Hophornbeam	X
--------------------------------------	-------------	---

FAGACEAE - Beech Family

Castanea

<u>C. dentata</u> (Marsh.) Borkh.	Chestnut	X
-----------------------------------	----------	---

Fagus

<u>F. grandifolia</u> Ehrh.	Beech	X
-----------------------------	-------	---

Quercus

<u>Q. alba</u> L.	White Oak
<u>Q. prinus</u> L.	Chestnut Oak
<u>Q. rubra</u> L.	Red Oak
<u>Q. velutina</u> Lam.	Black Oak

ULMACEAE - Elm Family

Ulmus

<u>U. americana</u> L.	White or American Elm
<u>U. rubra</u> Muhl.	Slippery Elm

MORACEAE - Mulberry Family

Humulus

<u>H. lupulus</u> L.	Hops
----------------------	------

URTICACEAE - Nettle Family

Boehmeria

<u>B. cylindrica</u> (L.) Sw.	False Nettle
-------------------------------	--------------

Pilea

<u>P. pumila</u> (L.) Gray	Clearweed
----------------------------	-----------

Urtica

<u>U. dioica</u> L.	Stinging Nettle
---------------------	-----------------

SANTALACEAE - Sandal-wood Family

Comandra

<u>C. umbellata</u> (L.) Nutt.	Bastard-toadflax
--------------------------------	------------------

ARISTOLOCHIACEAE - Birthwort Family

Asarum

<u>A. canadense</u> L.	Wild Ginger
------------------------	-------------

POLYGONACEAE - Smartweed Family

Polygonum

<u>P. arenastrum</u> Bor.	Sand Knotweed
<u>P. coccineum</u> Muhl.	Water Smartweed
<u>P. convolvulus</u> L.	Black Bindweed
<u>P. cuspidatum</u> Sieb. & Zucc.	Mexican Bamboo
<u>P. pensylvanicum</u> L.	Pink Weed
var. <u>laevigatum</u> Fern.	
<u>P. persicaria</u> L.	Lady's Thumb
<u>P. punctatum</u> Ell.	Dotted Smartweed
<u>P. sagittatum</u> L.	Arrow-leaved Tearthumb
<u>P. virginianum</u> L.	Virginia Knotweed

Rumex

R. acetosella L.
R. crispus L.
R. obtusifolius L.

Red Sorrel
 Sour Dock
 Bitter Dock

CHENOPODIACEAE - Goosefoot Family

Chenopodium

C. album L.

Lamb's-quarters

AMARANTHACEAE - Amaranth Family

Amaranthus

A. retroflexus L.

Redroot, Wild Beet

PORTULACACEAE - Purslane Family

Portulaca

P. oleracea L.

Purslane

CARYOPHYLLACEAE - Pink Family

Cerastium

C. vulgatum L.

Common Mouse-ear Chickweed

Dianthus

D. armeria L.

Deptford Pink

Lychnis

L. alba Mill.

Evening Lychnis

Myosoton

M. aquaticum (L.) Moench

Giant Chickweed

Silene

S. armeria L.
S. cucubalus Wibel
S. noctiflora L.

Sweet-william Catchfly
 Bladder Campion
 Night-flowering Catchfly

Stellaria

S. graminea L.
S. media (L.) Cyrill.

Common Stitchwort
 Common Chickweed

NYPHAEACEAE - Water Lily Family

Nuphar

N. advena Ait.
N. microphyllum (Pers.) Fern.
N. variegatum Engelm.

Yellow Water Lily
 Tiny Cow-lily
 Bullhead-lily

Nymphaea

N. odorata Ait.

Fragrant Water Lily

CERATOPHYLLACEAE - Hornwort Family

CeratophyllumC. demersum L.

Hornwort, Coon's-tail

RANUNCULACEAE - Crowfoot Family

ActaeaA. pachypoda Ell.

White Baneberry or Cohosh

A. rubra (Ait.) Willd.

Red Baneberry, Snakeberry

AnemoneA. quinquefolia L.

Wood Anemone

A. virginiana L.

Thimbleweed

AquilegiaA. canadensis L.

Wood Columbine

CalthaC. palustris L.

Marsh Marigold

ClematisC. virginiana L.

Virgin's Bower

CoptisC. groenlandica (Oeder) Fern.

Goldthread

HepaticaH. acutiloba DC.

Sharp-lobed Liverleaf

H. americana (DC.) Ker

Round-lobed Liverleaf

RanunculusR. abortivus L.

Kidney-leaf Buttercup

R. acris L.

Common Buttercup

R. hispidus Michx.

Hispid Buttercup

R. pensylvanicus L. f.

Bristly Crowfoot

R. recurvatus Poir.

Hooked Crowfoot

R. repens L.

Creeping Buttercup

ThalictrumT. polygamum Muhl.

Tall Meadow-rue

BERBERIDACEAE - Barberry Family

BerberisB. thunbergii DC.

Japanese Barberry

CaulophyllumC. thalictroides (L.) Michx.

Blue Cohosh

PodophyllumP. peltatum L.

May-apple

CRASSULACEAE - Orpine Family

Sedum

S. telephoides Michx. Stonecrop, Orpine

SAXIFRAGACEAE - Saxifrage Family

Chrysosplenium

C. americana Schwein. Water-carpet

Hydrangea

H. arborescens L. Hydrangea
var. grandiflora Rehd.

Mitella

M. diphylla L. Miterwort

Penthorum

P. sedoides L. Ditch Stonecrop

Ribes

R. rotundifolium Michx. Gooseberry
R. sativum Syme Garden Red Current

Saxifraga

S. pennsylvanica L. Swamp Saxifrage

Tiarella

T. cordifolia L. False Miterwort, Foamflower

HAMAMELIDACEAE - Witch-hazel Family

Hamamelis

H. virginiana L. Witch-hazel

PLATANACEAE - Plane-tree Family

Platanus

P. occidentalis L. Sycamore

ROSACEAE - Rose Family

Agrimonia

A. striata Michx. Agrimony

Amelanchier

A. arborea (Michx. f.) Fern. Tall Shadbush
A. canadensis (L.) Medic. Downy Shadbush
A. laevis Wieg. Smooth Juneberry

Aronia

A. melanocarpa (Michx.) Ell. Chokeberry

Crataegus

- C. crus-galli L.
C. pedicellata Sarg.

Cockspur-thorn
Hawthorn

Dalibarda

- D. repens L.

False Violet, Dew-drop

Fragaria

- F. virginiana Duchesne

Wild Strawberry

Geum

- G. aleppicum L.
G. canadense Jacq.

Yellow Avens
White Avens

Potentilla

- P. argentea L.
P. canadensis L.
P. norvegica L.
P. recta L.
P. simplex Michx.

Silvery Cinquefoil
Early Cinquefoil
Three-finger
Sulphur Cinquefoil
Old-field Cinquefoil

Prunus

- P. pennsylvanica L.f.
P. serotina Ehrh.
P. virginiana L.

Pin Cherry, Fire Cherry
Wild Cherry, Black Cherry
Choke Cherry

Pyrus

- P. malus L.

Apple

Rosa

- R. carolina L.
R. palustris Marsh.

Pasture Rose
Swamp Rose

Rubus

- R. allegheniensis Porter
R. flagellaris Willd.
R. hispidus L.
R. idaeus L.
 var. strigosus (Michx.) Maxim.
R. occidentalis L.
R. odoratus L.

Alleghany Blackberry
Northern Dewberry
Evergreen Blackberry, Swamp De
Raspberry

Black Raspberry
Purple-flowering Raspberry

Spiraea

- S. latifolia (Ait.) Borkh.
S. vanhouttei (Briot) Zab.

Meadow-sweet
Bridal-wreath

Waldsteinia

- W. fragarioides (Michx.) Tratt.

Barren Strawberry

LEGUMINOSAE - Bean Family

Amphicarpa

- A. bracteata (L.) Fern.

Hog Peanut

Desmodium

- D. canadense (L.) DC. Showy Tick-trefoil
D. glutinosum (Muhl.) Wood Large Tick-trefoil
D. paniculatum (L.) DC. Narrow-leaved Tick-trefoil

Lathyrus

- L. latifolius L. Vetchling, Wild Pea

Lotus

- L. corniculatus L. Birdsfoot-trefoil

Melilotus

- M. alba Desr. Sweet Clover
M. altissima Thuill. Yellow Sweet Clover

Trifolium

- T. agrarium L. Yellow or Hop Clover
T. hybridum L. Alsike Clover
T. pratense L. Red Clover
T. repens L. White Clover

Vicia

- V. cracca L. Tufted Vetch, Canada Pea

GERANIACEAE - Geranium Family

Geranium

- G. maculatum L. Wild Geranium

OXALIDACEAE - Wood-sorrel Family

Oxalis

- O. europaea Jord. Common Wood-sorrel
O. montana Raf. Mountain Wood-sorrel
O. stricta L. Showy Wood-sorrel

POLYGALACEAE - Milkwort Family

Polygala

- P. paucifolia Willd. Fringed Polygala

EUPHORBIACEAE - Spurge Family

Euphorbia

- E. supina Raf. Milk-purslane

ANACARDIACEAE - Cashew Family

Rhus

- R. typhina L. Staghorn-sumac

Toxicodendron

- T. radicans (L.) Kuntze Poison-ivy

AQUIFOLIACEAE - Holly Family

Ilex

- I. montana (T. & G.) Gray
I. verticillata (L.) Gray

Large-leaf Holly
 Black Alder, Winterberry

Nemopanthus

- N. micronatus (L.) Trel.

Mountain-holly

ACERACEAE - Maple Family

Acer

- A. pensylvanicum L.
A. rubrum L.
A. saccharum Marsh.
A. spicatum Lam.

Moosewood, Striped Maple
 Red Maple
 Sugar Maple
 Mountain Maple

BALSAMINACEAE - Touch-me-not Family

Impatiens

- I. capensis Meerb.

Spotted Touch-me-not

VITACEAE - Grape Family

Parthenocissus

- P. quinquefolia (L.) Planch.

Virginia Creeper

Vitis

- V. labrusca L.
V. riparia Michx.

Northern Fox Grape
 Riverbank-grape

TILIACEAE - Linden Family

Tilia

- T. americana L.

Basswood, Linden

MALVACEAE - Mallow Family

Malva

- M. moschata L.
M. neglecta Wallr.

Musk-mallow
 Common Mallow, Cheeses

GUTTIFERAE - St. John's-wort Family

Hypericum

- H. ellipticum Hook.
H. mutilum L.
H. perforatum L.
H. punctatum Lam.

Pale St. John's-wort
 Dwarf St. John's-wort
 Common St. John's-wort
 Spotted St. John's-wort

Triadenum

- T. virginicum (L.) Raf.

Marsh St. John's-wort

VIOIACEAE - Violet Family

Viola

<u>V. canadensis</u> L.	Canada Violet
<u>V. conspersa</u> Reichenb.	American Dog-violet
<u>V. cucullata</u> Ait.	Marsh Blue Violet
<u>V. fimbriatula</u> Sm.	Fringed Violet
<u>V. incognita</u> Brainerd	Large White Violet
<u>V. pallens</u> (Banks) Brainerd	Sweet White Violet
<u>V. papilionacea</u> Pursh	Meadow Violet, Common Blue Violet
<u>V. pubescens</u> Ait.	Downy Yellow Violet
<u>V. rostrata</u> Pursh	Long-spurred Violet
<u>V. rotundifolia</u> Michx.	Round-leaved Yellow Violet
<u>V. septentrionalis</u> Greene	Northern Blue Violet

THYMELEACEAE - Mezereum Family

Dirca

<u>D. palustris</u> L.	Leatherwood
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LYTHRACEAE - Loosestrife Family

Decodon

<u>D. verticillatus</u> (L.) Ell.	Water Willow
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ONAGRACEAE - Evening-primrose Family

Circaea

<u>C. alpine</u> L.	Enchanter's Nightshade
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Epilobium

<u>E. angustifolium</u> L.	Fireweed
<u>E. coloratum</u> Biehler	Red-leaved Willow-herb
<u>E. glandulosum</u> Lehm.	Northern Willow-herb
var. <u>adenocaulon</u> (Hausk.) Fern.	
var. <u>cardiophyllum</u> Fern.	

Oenothera

<u>O. biennis</u> L.	Evening-primrose
<u>O. perennis</u> L.	Sundrops

ARALIACEAE - Ginseng Family

Aralia

<u>A. nudicaulis</u> L.	Wild Sarsaparilla
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Panax

<u>P. trifolius</u> L.	Dwarf Ginseng
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UMBELLIFERAE - Parsley Family

Aegopodium

<u>A. podagraria</u> L.	Goutweed
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<u>Cicuta</u>		
	<u>C. bulbifera</u> L.	Water-hemlock
<u>Daucus</u>		
	<u>D. carota</u> L.	Wild Carrot, Queen Anne's-lace
<u>Hydrocotyle</u>		
	<u>H. americana</u> L.	Water-pennywort
<u>Pastinaca</u>		
	<u>P. sativa</u> L.	Parsnip
<u>Sium</u>		
	<u>S. sauve</u> Walt.	Water-parsnip
<u>Zizia</u>		
	<u>Z. aurea</u> (L.) Koch	Golden Alexander

CORNACEAE - Dogwood Family

<u>Cornus</u>		
	<u>C. alternifolia</u> L. f.	Pagoda Dogwood
	<u>C. amomum</u> Mill.	Red Willow
	<u>C. canadensis</u> L.	Bunchberry
	<u>C. florida</u> L.	Flowering Dogwood
	<u>C. racemosa</u> Lam.	White Dogwood
	<u>C. rugosa</u> Lam.	Round-leaved Dogwood
	<u>C. stolonifera</u> Michx.	Red-osier Dogwood

PYROLACEAE - Wintergreen Family

<u>Monotropa</u>		
	<u>M. hypopithys</u> L.	Pinesap
	<u>M. uniflora</u> L.	Indian-pipe
<u>Pyrola</u>		
	<u>P. elliptica</u> Nutt.	Shinleaf
	<u>P. rotundifolia</u> L.	Round-leaved Shinleaf
	var. <u>americana</u> (Sweet) Fern.	

ERICACEAE - Heath Family

<u>Andromeda</u>		
	<u>A. glaucophylla</u> Link	Bog-rosemary
<u>Cassandra</u>		
	<u>C. calyculata</u> (L.) D. Don	Leather-leaf
<u>Epigaea</u>		
	<u>E. repens</u> L.	Trailing Arbutus
<u>Gaultheria</u>		
	<u>G. procumbens</u> L.	Wintergreen

Gaylussacia

G. baccata (Wang.) K. Koch
G. frondosa (L.) T. & G.

Black Huckleberry
 Dangleberry

Kalmia

K. angustifolia L.

Sheep Laurel

Rhododendron

R. roseum (Loisel.) Rehder

Mountain Azalea

Vaccinium

V. angustifolium Ait.
V. atrococcum (Gray) Heller
V. corymbosum L.
V. oxycoccos L.
V. vacillans Torr.

Early Low Blueberry
 Black Highbush Blueberry
 Highbush Blueberry
 Small Cranberry
 Late Low Blueberry

PRIMULACEAE - Primrose Family

Anagallis

A. arvensis L.

Common Pimpernel

Lysimachia

L. ciliata L.
L. nummularia L.
L. quadrifolia L.
L. terrestris (L.) BSP

Fringed Loosestrife
 Moneywort
 Whorled Loosestrife
 Swamp Candles

Trientalis

T. borealis Raf.

Starflower

OLEACEAE - Olive Family

Forsythia

F. viridissima Lindl.

Golden Bells

Fraxinus

F. americana L.

White ash

Syringa

S. vulgaris L.

Lilac

GENTIANACEAE - Gentian Family

Gentiana

G. clausa Raf.

Closed, Blind, or Bottle Gentian

MENYANTHACEAE - BOGBEAN FAMILY

Menyanthes

M. trifoliata L.

Bogbean, Buckbean

APOCYNACEAE - Dogbane Family

Apocynum

A. androsaemifolium L.
A. medium Greene

Spreading Dogbane
 Pretty Dogbane

Vinca

V. minor L.

Periwinkle

ASCLEPIADACEAE - Milkweed Family

Asclepias

A. syriaca L.

Milkweed

CONVOLVULACEAE - Morning-glory Family

Convolvulus

C. arvensis L.
C. sepium L.

Field Bindweed
 Hedge Bindweed, Wild Morning-glory

Cuscuta

C. gronovii Willd.

Dodder

POLEMONIACEAE - Phlox Family

Phlox

P. paniculata L.

Fall Phlox, Sweet William

BORAGINACEAE - Borage Family

Myosotis

M. laxa Lehm.
M. scorpioides L.

American Forget-me-not
 True Forget-me-not

VERBENACEAE - Vervain Family

Verbena

V. hastata L.
V. urticifolia L.

Blue Vervain
 White Vervain

LABIATAE - Mint Family

Collinsonia

C. canadensis L.

Horse-balm

Galeopsis

G. tetrahit L.

Hemp-nettle

Glechoma

G. hederacea L.

Ground Ivy

Leonurus

L. cardiaca L.

Common Motherwort

LycopusL. virginicus L.

Bugle-weed, Water-horehound

MenthaM. arvensis L.

Wild Mint

MonardaM. media Willd.

Horse-mint, Wild Bergamot

FrunellaF. vulgaris L.

Self-heal

SaturejaS. vulgaris (L.) Fritsch

Wild Basil

ScutellariaS. epilobiifolia A. Hamilton

Marsh Skullcap

S. lateriflora L.

Mad-dog Skullcap

ThymusT. serpyllum L.

Creeping Thyme

SOLANACEAE - Nightshade Family

SolanumS. dulcamara L.

Bittersweet, Nightshade

SCROPHULARIACEAE - Figwort Family

CheloneC. glabra L.

Balmony

LinariaL. vulgaris Hill

Bitter-and-eggs

MelampyrumM. lineare Desr.

Cow-wheat

MimulusM. ringens L.

Monkey Flower

PedicularisP. canadensis L.

Common Lousewort, Wood Betony

VerbascumV. thapsus L.

Common Mullein, Flannel-plant

VeronicaV. officinalis L.

Common Speedwell, Gypsyweed

V. serpyllifolia L.

Thyme-leaved Speedwell

OROBANCHACEAE - Broom-rape Family

Epifagus

E. virginiana (L.) Bart. Beech-drops, Cancer-root

LENTIBULARIACEAE - Bladderwort Family

Utricularia

U. cornuta Michx. Horned Bladderwort
U. vulgaris L. Common Bladderwort

PLANTAGINACEAE - Plantain Family

Plantago

P. lanceolata L. English Plantain, Ribgrass
P. major L. Common Plantain
P. rugelii Dcne. White-man's-foot

RUBIACEAE - Madder Family

Cephalanthus

C. occidentalis L. Buttonbush

Galium

G. aparine L. Spring Cleavers
G. asprellum Michx. Rough Bedstraw
G. boreale L. Northern Bedstraw
G. lanceolatum Torr. Wild Licorice
G. obtusum Bigel. Large Marsh-bedstraw
G. palustre L. Marsh-bedstraw
G. trifidum L. Small Bedstraw
G. triflorum Michx. Sweet-scented Bedstraw

Mitchella

M. repens L. Partridge-berry

CAPRIFOLIACEAE - Honeysuckle Family

Diervilla

D. lonicera Mill. Bush Honeysuckle

Lonicera

L. X bella Zabel Belle Honeysuckle
L. canadensis Bartr. Fly Honeysuckle
L. dioica L. Wild Honeysuckle

Sambucus

S. canadensis L. Common Elder
S. pubens Michx. Red-berried Elder

Viburnum

V. acerifolium L. Maple-leaved Viburnum
V. cassinoides L. Wild-Raisin

<u>V. lentago</u> L.	Sheepberry, Nannyberry
<u>V. recognitum</u> Fern.	Arrowwood

DIPSACACEAE - Teasel Family

<u>Dipsacus</u>	
<u>D. sylvestris</u> Huds.	Teasel

CUCURBITACEAE - Gourd Family

<u>Echinocystis</u>	
<u>E. lobata</u> (Michx.) T. & G.	Wild Cucumber

CAMPANULACEAE - Harebell Family

<u>Campanula</u>	
<u>C. rapunculoides</u> L.	Bell-flower, Harebell

<u>Lobelia</u>	
<u>L. cardinalis</u> L.	Cardinal-flower
<u>L. inflata</u> L.	Indian Tobacco

COMPOSITAE - Composite Family

<u>Achillea</u>	
<u>A. millefolium</u> L.	Common Yarrow

<u>Ambrosia</u>	
<u>A. artemisiifolia</u> L.	Common Ragweed

<u>Anaphalis</u>	
<u>A. margaritacea</u> (L.) Benth. & Hook.	Pearly Everlasting

<u>Antennaria</u>	
<u>A. neglecta</u> Greene	Ladies'-tobacco, Pussy's-toes

<u>Arctium</u>	
<u>A. minus</u> (Hill) Bernh.	Common Burdock

<u>Aster</u>	
<u>A. acuminatus</u> Michx.	Whorled Wood-aster
<u>A. cordifolius</u> L.	Blue Wood-aster
<u>A. divaricatus</u> L.	White Wood-aster
<u>A. lowrleanus</u> Porter	Lowrie's Aster
<u>A. macrophyllus</u> L.	Large-leaved Aster
<u>A. prenanthoides</u> Muhl.	Wild Aster, Michaelmas Daisy
<u>A. puniceus</u> L.	Swamp Aster
<u>A. umbellatus</u> Mill.	Flat-topped Aster
<u>A. undulatus</u> L.	Wavy-leaf Aster

<u>Bidens</u>	
<u>B. cernua</u> L.	Nodding Bur-marigold

<u>B. comosa</u> (Gray) Wieg.	Leafy-bracted Tickseed
<u>B. frondosa</u> L.	Beggar's-ticks
<u>Centaurea</u>	
<u>C. maculosa</u> Lam.	Spotted Knapweed
<u>Chrysanthemum</u>	
<u>C. leucanthemum</u> L.	White Daisy, Ox-eye Daisy
<u>Cirsium</u>	
<u>C. discolor</u> (Muhl.) Spreng.	Field Thistle
<u>C. vulgare</u> (Savi) Tenore	Bull Thistle
<u>Crepis</u>	
<u>C. capillaris</u> (L.) Wallr.	Smooth Hawk's-beard
<u>Erigeron</u>	
<u>E. annuus</u> (L.) Pers.	Daisy Fleabane
<u>E. canadensis</u> L.	Horseweed
<u>E. philadelphicus</u> L.	Philadelphia Fleabane
<u>E. pulchellus</u> Michx.	Robin's Plantain
<u>E. strigosus</u> Muhl.	White-top
<u>Eupatorium</u>	
<u>E. maculatum</u> L.	Mottled Joe-pye-weed
<u>E. purpureum</u> L.	Sweet Joe-pye-weed
<u>E. rugosum</u> Houtt.	White Snakeroot
<u>Galinsoga</u>	
<u>G. ciliata</u> (Raf.) Blake	Hairy Quickweed
<u>G. parviflora</u> Cav.	Small Quickweed
<u>Gnaphalium</u>	
<u>G. uliginosum</u> L.	Marsh Cudweed
<u>Helianthus</u>	
<u>H. strumosus</u> L.	Pale-leaved Wood Sunflower
<u>Hieracium</u>	
<u>H. aurantiacum</u> L.	Orange Hawkweed, Devil's Paint-bru
<u>H. paniculatum</u> L.	Panicled Hawkweed
<u>H. pratense</u> Tausch	King Devil, Meadow Hawkweed
<u>Lactuca</u>	
<u>L. canadensis</u> L.	Wild Lettuce
<u>Matricaria</u>	
<u>M. matricarioides</u> (Less.) Porter	Pineapple Weed
<u>Prenanthes</u>	
<u>P. trifoliolata</u> (Cass.) Fern.	Tall Rattlesnake Root

RudbeckiaR. hirta L.

Black-eyed-susan

Solidago

S. arguta Ait.
S. bicolor L.
S. caesia L.
S. flexicaulis L.
S. gigantea Ait.
S. graminifolia (L.) Salisb.
S. juncea Ait.
S. odora Ait.
S. rugosa Ait.

Toothed Goldenrod
 White Goldenrod, Silver-rod
 Blue-stemmed Goldenrod
 Zig-zag Goldenrod
 Late Goldenrod
 Grass-leaved Goldenrod
 Early Goldenrod
 Sweet Goldenrod
 Wrinkled Goldenrod

SonchusS. uliginosus Bieb.

Sow-thistle

TanacetumT. vulgare L.

Common Tansy

TaraxacumT. officinale Weber

Common Dandelion

TragopogonT. pratensis L.

Goat's Beard

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