

# A REVISED CHECKLIST OF THE VASCULAR PLANTS OF THE UNIVERSITY OF ILLINOIS WOODLANDS

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It is nearly five years since the publication of the first checklist of the vascular plants of the University woodlands,<sup>1</sup> and copies of that list are no longer available. Therefore it seems desirable at this time to present a new and revised list.

The University of Illinois woodlands, situated a few miles northeast of Urbana, Champaign County, Illinois, consist of approximately 100 acres of natural woods, fenced and maintained by the University of Illinois as a permanent preserve of wild life for scientific purposes. This property consists of two separate areas about one mile apart, the Brownfield Woods, and the Trelease (formerly University) Woods.

The following checklist is based chiefly upon the collections of the writer during the years 1939 to 1947. The specimens upon which the records are based have been deposited in the Herbarium of the University of Illinois. A few other species not included in this list have been attributed to these woodlands, but since reports of these plants are not based upon specimens they have been left out. The present revision includes the names of the families as well as common names for most of the species. It includes 274 species in 189 genera and 76 families.

## DIVISION I. PTERIDOPHYTA.

### FERNS AND FERN-ALLIES

- Ophioglossaceae Presl—Adder's-tongue Family  
*Botrychium virginianum* (L.) Sw.—Rattlesnake Fern.  
 Polypodiaceae R.Br.—Fern Family  
*Athyrium pycnocarpon* (Spreng.) Tidestr.—Glade Fern  
*Cystopteris fragilis* (L.) Bernh.—Brittle Fern

## DIVISION II. SPERMATOPHYTA.

### SEED PLANTS

#### Subdivision II. Angiospermae. Flowering Plants

#### Class I. Monocotyledoneae

- Gramineae Juss.—Grass Family  
*Bromus tectorum* L.—Cheat  
*Cinna arundinacea* L.—Wood Reed Grass  
*Dactylis glomerata* L.—Orchard Grass  
*Diarrhena americana* Beauv.  
*Digitaria sanguinalis* (L.) Scop.—Common Crab Grass  
*Echinochloa crusgallii* (L.) Beauv.—Barnyard Grass  
*Elymus villosus* Muhl.—Slender Wild Rye  
*Eragrostis cilianensis* (All.) Link.—Stink Grass  
*Festuca obtusa* Spreng.—Nodding Fescue  
*Glyceria striata* (Lam.) Hitchc.—Meadow Grass  
*Hystrix patula* Moench.—Bottlebrush Grass  
*Leersia virginica* Willd.—White Grass  
*Muhlenbergia mexicana* (L.) Trin.—Wirestem Grass  
*Muhlenbergia scherberi* J. F. Gmel.—Nimble Will  
*Panicum capillare* L.—Witch Grass  
*Panicum dichotomiflorum* Michx.—Spreading Witch Grass  
*Phleum pratense* L.—Timothy  
*Poa compressa* L.—Canada Blue Grass  
*Poa pratensis* L.—Kentucky Blue Grass  
*Poa sylvestris* A. Gray—Woodland Blue Grass  
*Setaria lutescens* (Weig.) F. T. Hubb.—Yellow Foxtail

<sup>1</sup> Transactions of the Illinois State Academy of Science 35: 71-72 (1942).

- Sporobolus heterolepis A. Gray—Sand Dropseed  
 Sporobolus vaginiflorus (Torr.) Wood—Sheathing Dropseed  
 Cyperaceae J.St.Hil.—Sedge Family  
 Carex albursina Sheld.  
 Carex blanda Dewey  
 Carex bromoides Schkuhr.  
 Carex gravida Bailey  
 Carex grayii Carey  
 Carex grisea Wahl.  
 Carex hirtifolia Mack.  
 Carex rosea Schkuhr.  
 Araceae Necker—Arum Family  
 Arisaema atrorubens (Ait.) Bl.—Jack-in-the-Pulpit. Indian Turnip  
 Arisaema dracontium (L.) Schott—Green Dragon. Dragonroot  
 Commelinaceae Reichenb.—Spiderwort Family  
 Tradescantia subaspera Ker—Spiderwort  
 Juncaceae Vent.—Rush Family  
 Juncus tenuis Willd.  
 Liliaceae Adans.—Lily Family  
 Allium canadense L.—Wild Garlic  
 Allium tricoccum Ait.—Wild Leek  
 Asparagus officinalis L.—Asparagus  
 Erythronium albidum Nutt.—White Trout-lily  
 Lilium michiganense Farw.—Wild Lily  
 Polygonatum pubescens (Willd.) Pursh.—Solomon's-seal  
 Smilacina racemosa (L.) Desf.—Large False Solomon's-seal  
 Smilacina stellata (L.) Desf.—Small False Solomon's seal  
 Smilax ecirrhata (Engelm.) Wats.—Upright Smilax  
 Smilax hispida Muhl.—Common Green-brier  
 Smilax lasioneuron Hook.—Carrion Flower  
 Trillium gleasoni Fern.—White Trillium  
 Trillium recurvatum Beck—Purple Trillium  
 Uvularia grandiflora Sm.—Bellwort  
 Iridaceae Lindl.—Iris Family  
 Iris shrevei Small—Iris  
 Orchidaceae Lindl.—Orchid Family  
 Aplectrum hyemale (Muhl.) Torr.—Puttyroot  
 Orchis spectabilis L.—Showy Orchis  
 Triphora trianthophora (Sw.) Rydb.—Nodding Pogonia  
 Class II. **Dicotyledoneae** Juss.  
 Salicaceae Lindl.—Willow Family  
 Populus deltoides Marsh.—Cottonwood  
 Betulaceae Agardh.—Birch Family  
 Carpinus caroliniana Walt.—Muscle Tree  
 Ostrya virginiana (Mill.) K.Koch—Ironwood  
 Corylus americana Walt.—Hazel  
 Juglandaceae Lindl.—Walnut Family  
 Juglans cinerea L.—Butternut  
 Juglans nigra L.—Black Walnut  
 Carya cordiformis (Wang.) K.Koch—Yellowbud Hickory  
 Carya ovata (Mill.) K. Koch—Shagbark Hickory  
 Carya laciniosa (Michx.f.) Loud.—Big Shagbark Hickory  
 Fagaceae A.Br.—Beech Family  
 Quercus bicolor Willd.—Swamp White Oak  
 Quercus imbricaria Michx.—Shingle Oak  
 Quercus macrocarpa Michx.—Bur Oak  
 Quercus muhlenbergii Engelm.—Chinquapin Oak  
 Quercus rubra L.—Red Oak (*Q. borealis* Michx.f.)  
 Ulmaceae Mirb.—Elm Family  
 Celtis occidentalis L.—Hackberry  
 Ulmus americana L.—American Elm  
 Ulmus fulva Michx.—Slippery Elm  
 Moraceae Lindl.—Mulberry Family  
 Maclura pomifera (Raf.) Schneid.—Osage-orange. Hedge-apple  
 Morus alba L.—White Mulberry  
 Morus rubra L.—Red Mulberry  
 Cannabinaceae Lindl.—Hemp Family  
 Humulus americanus Nutt.—American Hop  
 Cannabis sativa L.—Common Hemp. Marijuana  
 Urticaceae Reichenb.—Nettle Family  
 Urtica procera Muhl.—Common Nettle  
 Laportea canadensis (L.) Gaud.—Wood Nettle  
 Parietaria pennsylvanica Muhl.—Pellitory  
 Pilea pumila (L.) A.Gray—Clearweed  
 Aristolochiaceae Blume—Birthwort Family  
 Asarum reflexum Bickn.—Wild Ginger  
 Polygonaceae Lindl.—Buckwheat Family  
 Polygonum pennsylvanicum L.—Smartweed  
 Polygonum persicaria L.—Lady's Thumb  
 Polygonum punctatum Ell.—Water Smartweed  
 Polygonum scandens L.—Climbing False-buckwheat  
 Polygonum virginianum L.—Virginia Knotweed

Rumex acetosella L.—Field Sorrel.

Sour Dock

Rumex crispus L.—Curly Dock

Chenopodiaceae Dum.—Goosefoot  
Family

Chenopodium album L.—Lamb's  
Quarter

Chenopodium standleyanum Aellen (*C.  
boschianum* of auth.)

Amaranthaceae J.St.Hil.—Amaranth  
Family

Amaranthus retroflexus L.—Rough Pig-  
weed

Phytolaccaceae Lindl.—Pokeweed  
Family

Phytolacca americana L.—Pokeweed

Portulacaceae Reichenb.—Purslane  
Family

Claytonia virginica L.—Spring Beauty

Caryophyllaceae Reichenb.—Pink  
Family

Cerastium vulgatum L.—Common

Mouse-ear Chickweed

Silene antirrhina L.—Sleepy Catchfly

Silene stellata (L.) Ait.—Starry  
Catchfly

Stellaria media (L.)—Vill.—Common  
Chickweed

Annonaceae DC.—Custard-apple  
Family

Asimina triloba (L.) Dunal—Pawpaw

Ranunculaceae Juss.—Buttercup  
Family

Actaea alba (L.) Mill.—White Bane-  
berry. Doll's Eyes

Anemone canadensis L.—Meadow  
Anemone

Anemone virginiana L.—Tall Anemone

Hepatica acutiloba DC.—Hepatica

Hydrastis canadensis L.—Goldenseal

Isopyrum biternatum (Raf.) T.&G.—  
False Rue-anemone

Ranunculus abortivus L.—Small-  
flowered Buttercup

Ranunculus septentrionalis Poir.—  
Marsh Buttercup

Thalictrum dioicum L.—Early Meadow-  
rue

Thalictrum revolutum DC.—Waxy  
Meadow-rue

Berberidaceae T.&G.—Barberry  
Family

Caulophyllum thalictroides (L.) Michx.  
—Blue Cohosh

Podophyllum peltatum L.—May-apple.  
Mandrake

Menispermaceae DC.—Moonseed  
Family

Menispermum canadense L.—Moonseed

Lauraceae Lindl.—Laurel Family  
Lindera benzoin (L.) Bl.—Spice-bush

Papaveraceae B.Juss.—Poppy Family  
Sanguinaria canadensis L.—Bloodroot

Fumariaceae DC.—Fumitory Family  
Dicentra canadensis (Goldie) Walp.—  
Squirrel-corn  
Dicentra cucullaria (L.) Bernh.—  
Dutchman's-breeches

Cruciferae B.Juss.—Mustard Family  
Barbarea vulgaris R.Br.—Wintercress  
Capsella bursa-pastoris (L.) Medic.—  
Shepherd's Purse  
Cardamine bulbosa (Schreb.) BSP.—  
Bulbous Cress  
Cardamine douglassii (Torr.) Britt.—  
Purple Cress

Dentaria laciniata Muhl.—Toothwort  
Iodanthus pinnatifidus (Michx.) Steud.  
Lepidium virginicum L.—Common  
Peppergrass

Grossulariaceae Dum.—Gooseberry  
Family

Ribes americanum Mill.—American  
Black Currant  
Ribes missouriense Nutt.—Missouri  
Gooseberry

Platanaceae Lindl.—Plane-tree Family  
Platanus occidentalis L.—Sycamore

Rosaceae Juss.—Rose Family

Agrimonia pubescens Wallr.—Agrimony  
Crataegus crusgalli L.—Cockspur Thorn  
Crataegus mollis (T.&G.) Scheele  
Fragaria virginiana Duch.—Wild  
Strawberry  
Geum canadense Jacq.—White Avens  
Geum vernum (Raf.) T.&G.—Spring  
Avens

Malus coronaria (L.) Mill.—Wild Sweet  
Crabapple

Malus ioensis (Wood) Britt.—Iowa  
Crabapple

Prunus americana Marsh.—Wild Plum

Prunus serotina Ehrh.—Wild Black  
Cherry

Prunus virginiana L.—Common Choke-  
cherry

Rosa setigera Michx.—Climbing Rose

Rubus argutus Link.—Tall Blackberry

Rubus occidentalis L.—Black Raspberry

Leguminosae Juss.—Pea Family

Cassia fasciculata Michx.—Partridge-  
pea

Cercis canadensis L.—Redbud

Desmodium glutinosum (Muhl.) Wood

Desmodium canescens (L.) DC.

Gleditsia triacanthos L.—Honey Locust

Gymnocladus dioica (L.) K.Koch—Ken-  
tucky Coffee-tree

- Melilotus officinalis* (L.) Lam.—Yellow Sweet Clover  
*Robinia pseudoacacia* L.—Common Locust  
*Trifolium pratense* L.—Red Clover  
*Trifolium repens* L.—White Clover  
 Geraniaceae J.St.Hil.—Geranium Family  
*Geranium maculatum* L.—Wild Geranium  
 Oxalidaceae Lindl.—Wood-sorrel Family  
*Oxalis stricta* L.—Upright Yellow Wood-sorrel  
*Oxalis cymosa* Small—Common Wood-sorrel  
 Balsaminaceae Lindl.—Jewel-weed Family  
*Impatiens biflora* Walt.—Spotted Touch-me-not  
*Impatiens pallida* Nutt.—Pale Touch-me-not  
 Euphorbiaceae J.St.Hil.—Spurge Family  
*Acalypha rhomboidea* Raf.—Three-seeded Mercury.  
*Chamaesyce maculata* (L.) Small—Nodding Spurge  
 Limnanthaceae Lindl.  
*Floerkea proserpinacoides* Willd.—False Mermaid  
 Rutaceae Juss.—Rue Family  
*Zanthoxylum americanum* Mill.—Prickly-ash  
 Anacardiaceae Lindl.—Sumac Family  
*Rhus radicans* L.—Poison-ivy  
 Ce'astraceae Lindl.—Staff-tree Family  
*Celastrus scandens* L.—Climbing Bittersweet  
*Eunonymus atropurpureus* Jacq.—Wahoo  
 Hippocastanaceae T.&G.—Horse-chestnut Family  
*Aesculus glabra* Willd.—Ohio Buck-eye  
 Staphyleaceae DC.—Bladdernut Family  
*Staphylea trifolia* L.—American Bladdernut  
 Aceraceae Lindl.—Maple Family  
*Acer negundo* L.—Box-elder  
*Acer nigrum* Michx.f.—Black Maple  
*Acer saccharum* Marsh.—Sugar Maple  
*Acer saccharinum* L.—Silver Maple  
 Vitaceae Lindl.—Grape Family  
*Parthenocissus quinquefolia* (L.) Planch.—Virginia Creeper  
*Vitis vulpina* L.—Frost Grape  
 Tiliaceae Juss.—Linden Family  
*Tilia americana* L.—American Linden.  
 Basswood  
 Malvaceae Neck.—Mallow Family  
*Abutilon theophrasti* Medic.—Butterprint. Velvet-leaf.  
 Violaceae DC.—Violet Family  
*Viola eriocarpa* Schw.—Common Yellow Violet  
*Viola papilionacea* Pursh.—Butterfly Violet  
*Viola sororia* Willd.—Downy Blue Violet  
 Araliaceae Vent.—Ginseng Family  
*Panax quinquefolium* L.—Ginseng  
 Onagraceae Dum.—Evening-primrose Family  
*Circaea latifolia* Hill—Enchanter's Night Shade  
*Oenothera biennis* L.—Common Evening-primrose  
 Umbelliferae B.Juss.—Parsley Family  
*Chaerophyllum procumbens* (L.) Crantz  
*Cryptotaenia canadensis* (L.) DC.—Honewort  
*Daucus carota* L.—Carrot  
*Osmorhiza claytoni* (Michx.) Clarke  
*Osmorhiza longistylis* (Torr.) DC.  
*Pastinaca sativa* L.—Parsnip  
*Sanicula canadensis* L.—Snakeroot  
*Zizia aurea* (L.) K.Koch—Meadow-parsnip  
 Cornaceae Link—Dogwood Family  
*Cornus racemosa* Lam.—Gray Dogwood  
 Primulaceae Vent.—Primrose Family  
*Samolus parviflorus* Raf.—Brookweed  
*Lysimachia ciliata* L.—Fringed Loosestrife  
 Oleaceae Lindl.—Olive Family  
*Fraxinus americana* L.—White Ash  
*Fraxinus lanceolata* Borkh.—Green Ash  
*Fraxinus quadrangulata* Michx.—Blue Ash  
 Convolvulaceae Vent.—Morning-glory Family  
*Cuscuta gronovii* Willd.—Dodder  
*Ipomoea hederacea* Jacq.—Ivy-leaved Morning-glory  
 Asclepiadaceae Lindl.—Milkweed Family  
*Asclepias syriaca* L.—Common Milkweed  
 Polemoniaceae DC.—Phlox Family  
*Phlox divaricata* L.—Blue Phlox  
 Hydrophyllaceae Lindl.—Waterleaf Family  
*Ellisia nyctelea* L.  
*Hydrophyllum appendiculatum* Michx.  
*Hydrophyllum canadense* L.  
*Hydrophyllum virginianum* L.  
 Boraginaceae Lindl.—Borage Family  
*Lappula virginiana* (L.) Greene  
*Mertensia virginica* (L.) Pers.—Blue-bells

Verbenaceae J.St.Hil.—Verbena Family  
 Verbena urticaefolia L.—White Vervain

Labiatae B.Juss.—Mint Family  
 Agastache nepetoides (L.) Kuntze  
 Blephilia hirsuta (Pursh) Benth.  
 Glecoma heterophylla Waldst. & Kit.—  
 Ground-ivy  
 Leonurus cardiaca L.—Motherwort  
 Marrubium vulgare L.—Common Hore-  
 hound  
 Nepeta cataria L.—Catnip  
 Prunella vulgaris L.—Selfheal  
 Scutellaria lateriflora L.—Blue Skull-  
 cap  
 Stachys tenuifolia Willd. — Smooth  
 Hedge-nettle.  
 Teucrium canadense L.—Wood-sage

Solanaceae Pers.—Nightshade Family  
 Solanum carolinense L.—Horse-nettle  
 Solanum nigrum L.—Black Nightshade

Scrophulariaceae Lindl.—Figwort  
 Family  
 Collinsia verna Nutt.—Blue-eyed Mary  
 Mimulus alatus Ait.—Monkey Flower  
 Scrophularia marilandica L.—Figwort  
 Verbascum blattaria L.—Moth Mullein  
 Verbascum thapsus L.—Common  
 Mullein  
 Veronica arvensis L.—Corn Speedwell  
 Veronica peregrina L.—Purslane Speed-  
 well  
 Veronicastrum virginicum (L.) Farw.—  
 Culver-root

Bignoniaceae Pers.—Trumpet-creeper  
 Family  
 Campsis radicans (L.) Seem.—Trumpet-  
 creeper

Acanthaceae J.St.Hil.—Acanthus  
 Family  
 Ruellia strepens L.—Smooth Ruellia

Plantaginaceae Lindl.—Plantain  
 Family  
 Plantago lanceolata L.—Buckhorn  
 Plantain  
 Plantago rugelii Dcne.—Common  
 Plantain

Phrymaceae Schauer—Lopseed Family  
 Phryma leptostachya L.—Lopseed

Rubiaceae B.Juss.—Madder Family  
 Galium aparine L.—Goose-grass  
 Galium concinnum T.&G.—Shining Bed-  
 straw  
 Galium obtusum Bigel—Stiff Bedstraw

Caprifoliaceae Vent.—Honeysuckle  
 Family  
 Sambucus canadensis L.—Common  
 Elder

Viburnum lentago L.—Nannyberry  
 Viburnum prunifolium L.—Blackhaw

Campanulaceae Juss.—Bellflower  
 Family  
 Campanula americana L.

Lobeliaceae Dum.—Lobelia Family  
 Lobelia inflata L.—Indian-tobacco  
 Lobelia siphilitica L.—Blue Cardinal-  
 flower

Compositae Adans.—Composite Family  
 Achillea millefolium L.—Yarrow  
 Actinomeris alternifolia (L.) DC.—Yel-  
 low Ironweed  
 Ambrosia elatior L.—Common Ragweed  
 Ambrosia trifida L.—Giant Ragweed  
 Arctium minus (Hill) Bernh.—Common  
 Burdock

Aster pantotrichus Blake—Missouri  
 Aster

Aster pilosus Willd.—Heath Aster  
 Aster sagittifolius Wedem.—Arrow-  
 leaved Aster

Aster shortii Lindl.—Short's Aster  
 Bidens vulgata Greene—Common  
 Beggar-ticks

Cacalia muhlenbergii (Sch.—Bip.)  
 Fern—Indian-plantain

Cirsium vulgare (Savi) Airy-Shaw—  
 Bull Thistle  
 Cirsium arvense (L.) Scop.—Canada  
 Thistle

Erigeron annuus (L.) Pers.—Whitetop  
 Erigeron canadensis L.—Horseweed  
 Erigeron philadelphicus L.—Philadel-  
 phia Fleabane

Eupatorium purpureum L.—Joe-pye  
 Weed

Eupatorium rugosum Houtt.—White  
 Snakeroot

Helianthus strumosus L.—Sunflower  
 Helianthus tuberosus L.

Lactuca biennis (Moench) Fern.—Tall  
 Blue Lettuce

Lactuca canadensis L.—Wild Lettuce  
 Lactuca floridana (L.) Gaertn.

Lactuca scariola L.—Prickly Lettuce  
 Polymnia canadensis L.—Leafcup

Rudbeckia laciniata L.—Goldenglow  
 Rudbeckia triloba L.—Brown-eyed Susan

Solidago altissima L.—Tall Goldenrod  
 Solidago nemoralis Ait.—Field Golden-  
 rod

Solidago rugosa Mill.—Rough-leaved  
 Goldenrod

Solidago latifolia L.—Broad-leaved  
 Goldenrod

Taraxacum officinale Weber—Common  
 Dandelion

Taraxacum laevigatum (Willd.) DC.—  
 Red-seeded Dandelion

Vernonia missurica Raf.—Ironweed