

VASCULAR PLANTS IN WALNUT POINT STATE PARK,
DOUGLAS COUNTY, ILLINOIS

¹
Rick Phillippe and John Ebinger
Department of Botany

Eastern Illinois University, Charleston 61920

ABSTRACT - A total of 503 taxa of vascular plants, representing 301 genera in 93 families, have been collected in Walnut Point State Park, Douglas County, Illinois. The checklist has been annotated to indicate the habitats in which each taxon was collected and observed.

Walnut Point State Park is a relatively new park with most of its area previously being a part of the Douglas County Conservation Area. It is located in the Embarras River valley about three miles north of Oakland, Illinois (Sect. 35 & 36, T15N, R10E: Sect. 1, T14N, R10E), and is at the southern edge of the Grand Prairie Section of the Grand Prairie Division (Schwegman, 1973). Though a part of the Grand Prairie Division, much of the area in and around the park was originally in forest. This forest was typically present in the much dissected and well drained areas near the major streams and rivers in central Illinois (Ebinger, 1973). Presently much of this forest has been cleared for agriculture while the small amount remaining has usually been heavily logged and grazed.

The forested areas within the park represent the best remaining examples of stream-side forests in the upper part of the Embarras River watershed. Though some cutting and grazing has occurred, the forest has a good composition and the trees average better than 12 inches d.b.h. The remainder of the park was cultivated and now harbors succession-type vegetation. Parts of this area are now in pine plantations of various ages.

A total of 503 taxa of vascular plants in 93 families were found growing in the park. Of the taxa collected, 14 are ferns, fern-allies, or gymnosperms, 122 are monocots, and 367 are dicots. Of this latter group, 80 are trees, shrubs or woody vines, while 287 are herbaceous. The largest family represented is the Gramineae with 60 taxa followed by the Compositae with 56.

In the following list the nomenclature follows that of Mohlenbrock (1975). The families are listed in alphabetic order within the major groups to facilitate the finding of names, while the species are arranged in alphabetic order under the families. The numbers following the binomials indicate the habitat types where the species was collected and observed (1= upland woods; 2= wooded hillside; 3= lowland woods; 4= disturbed, open woods; 5= open area and waste ground; 6= aquatic and shoreline; 7= hillside marsh). An asterisk (*) indicates that the taxon has not been previously recorded for Douglas County by Jones and Fuller (1955), Winterringer and Evers (1960), Mohlenbrock (1967, 1970a, 1970b, 1972, 1973), Dolbeare and Ebinger (1974), or Sheviak (1974). All specimens are deposited in the Stover Herbarium of Eastern Illinois University, Charleston, Illinois (EIU).

1. Mr. Rick Phillippe is presently a graduate student in the Department of Botany, University of Tennessee, Knoxville, Tennessee 37916.

FERNS AND FERN ALLIES

Ophioglossaceae

- Botrychium dissectum Spreng. var.
obliquum (Muhl.) Clute. 1,2
Botrychium virginianum (L.) Sw. 1

Equisetaceae

- Equisetum arvense L. 6
Equisetum hyemale L. 2

Polypodiaceae

- Adiantum pedatum L. 1,2
Asplenium platyneuron (L.) Oakes.* 2,5
Athyrium filix-femina (L.) Roth. var.
rubellum Gilb.* 1,2
Athyrium thelypteroides (Michx.)
Desv.* 2
Cystopteris fragilis (L.) Bernh. 2,4
Onoclea sensibilis L.* 1
Thelypteris hexagonoptera (Michx.)
Weatherby.* 1

Selaginellaceae

- Selaginella apoda (L.) Fern.* 6

GYMNOSPERMAE

Cupressaceae

- Juniperus virginiana L.* 5

Pinaceae

- Pinus strobus L. intro.

MONOCOTYLEDONEAE

Alismaceae

- Alisma subcordatum Raf. 6

Araceae

- Acorus calamus L.* 6
Arisaema dracontium (L.) Schott. 2,3
Arisaema triphyllum (L.) Schott. 1,2

Commelinaceae

- Commelina communis L. 3,6
Tradescantia subaspera Ker.* 2,3
Tradescantia virginiana L. 1,2,4

Cyperaceae

- Carex blanda Dewey. 1,4
Carex conjuncta Boott. 4
Carex convoluta Mack.* 1,2,4

- Carex cristatella Britt. 1,4,5

- Carex davisii Schwein & Torr. 4

- Carex frankii Kunth. 6

- Carex granularis Muhl.* 4

- Carex gravaida Bailey.* 5

- Carex grayi Carey. 2,3

- Carex grisea Wahlenb. 1,4

- Carex hirsutella Mack.* 4,5

- Carex hirtifolia Mack.* 1,2

- Carex jamesii Schwein.* 4

- Carex lurida Wahlenb.* 6

- Carex pennsylvanica Lam.* 1,2

- Carex shortiana Dewey. 4,6

- Carex sparganioides Muhl.* 4,5

- Carex stipata Muhl.* 6

- Carex vulpinoides Michx. 5,6

- Cyperus ferruginescens Boeckl.* 6

- Cyperus strigosus L. 5,6

- Scirpus atrovirens Willd. 5,6

- Scirpus pendulus Muhl. 5,6

- Scirpus validus Vahl.* 5,6

Dioscoreaceae

- Dioscorea villosa L.* 1

Iridaceae

- Iris shrevei Small.* 6

- Sisyrinchium albidum Raf.* 5

- Sisyrinchium angustifolium Mill.* 5

Juncaceae

- Juncus interior Wieg. 4,5

- Juncus tenuis Willd. 5

- Juncus torreyi Coville. 5

Lemnaceae

- Lemna minor L. 6

- Wolffia columbiana Karst. 6

Liliaceae

- Allium canadense L. 4,5

- Allium tricoccum Ait.* 2,3

- Allium vineale L. 5

- Camassia scilloides (Raf.) Cory. 1

- Erythronium albidum Nutt. 2

- Heimerocallis fulva L. 5

- Hypoxis hirsuta (L.) Coville.* 1

- Ornithogalum umbellatum L.* 5

- Polygonatum commutatum (Schult.)

- A. Dietr. 1,2

- Smilacina racemosa (L.) Desf. 1,2

- Trillium recurvatum Beck. 1,2

- Uvularia grandiflora Sm. 1,2

Orchidaceae

Aplectrum hyemale (Muhl.) Torr.* 2
Corallorhiza odontorhiza (Willd.)
 Nutt.* 1
Cypripedium calceolus L. var.
pubescens (Willd.) Correll.* 1
Liparis liliifolia (L.) Rich.* 4
Spiranthes ovalis Lindl. 4

Poaceae

Agropyron repens (L.) Beauv. 5
Agrostis alba L. 4,5,6
Agrostis perennans (Walt.) Tuckerman.* 4
Alopecurus pratensis L.* 5
Andropogon virginicus L.* 5
Arrhenatherum elatius (L.) Presl.* 5
Avena sativa L. intro.
Brachyelytrum erectum (Schreb.) Beauv.* 1
Bromus commutatus Schrad.* 5
Bromus inermis Leyss. 5
Bromus pubescens Muhl.* 1,2,5
Bromus purgans L.* 1
Bromus tectorum L. 5
Chasmanthium latifolium (Michx.) Yates.*
 2,3

Cinna arundinacea L. 2,3
Dactylis glomerata L. 5
Danthonia spicata (L.) Beauv.* 4
Diarrhena americana Beauv.* 1,2
Digitaria ischaemum (Schreb.) Muhl.* 5
Digitaria sanguinalis (L.) Scop. 5
Echinochloa crusgalli (L.) Beauv.* 5,6
Eleusine indica (L.) Gaertn. 5
Elymus canadensis L. 5
Elymus hystrix L.* 4,5
Elymus villosus Muhl. 4
Elymus virginicus L. 4,5
Eragrostis cilianensis (All.) Mosher. 5
Eragrostis hypnoides (Lam.) BSP.* 6
Eragrostis pectinacea (Michx.) Nees. 5
Festuca obtusa Bieler. 1,2
Festuca pratensis Huds. 5
Glyceria striata (Lam.) Hitchc.* 5,6
Hordeum pusillum Nutt. 5
Leersia oryzoides (L.) Swartz. 6
Leersia virginica Willd.* 4,6
Lolium perenne L.* 5
Muhlenbergia frondosa (Poir.) Fern.* 4
Muhlenbergia schreberi J.F.Gmel.* 4,5
Muhlenbergia sobolifera (Muhl.) Trin.*
 1,2,4
Muhlenbergia tenuiflora (Willd.) BSP.*
 4,5

Panicum capillare L. 5
Panicum dichotomiflorum Michx. 5
Panicum lanuginosum Ell. 4,5
Panicum latifolium L.* 4,5
Paspalum ciliatifolium Michx.* 5
Phalaris arundinacea L.* 5
Phleum pratense L. 5
Poa chapmaniana Scribn.* 5
Poa compressa L. 4,5
Poa pratensis L. 4,5
Poa sylvestris Gray. 1,2
Setaria faberi Herrm. 5
Setaria lutescens (Weigel) Hubb. 5
Setaria viridis (L.) Beauv. 5
Sphenopholis obtusata (Michx.) Scribn.
 var. major (Torr.) Erdman. 4
Sporobolus aspera (Michx.) Kunth. 5
Sporobolus neglectus Nash.* 5
Sporobolus vaginiflorus (Torr.) Wood.*
 5
Tridens flavus (L.) Hitchc. 5
Triticum aestivum L. intro.

Potamogetonaceae

Potamogeton foliosus Raf. 6

Smilacaceae

Smilax ecirrata (Engelm.) S. Wats. 1,2
Smilax hispida Muhl. 4,5
Smilax lasioneuron Hook. 5

Typhaceae

Typha latifolia L. 6

DICOTYLEDONEAE

Acanthaceae

Ruellia strepens L. 5

Aceraceae

Acer negundo L. 3,5
Acer saccharinum L. 3
Acer saccharum Marsh. 1,2

Aizoaceae

Mollugo verticillata L. 5

Amaranthaceae

Amaranthus hybridus L. 5
Amaranthus spinosus L.* 5
Amaranthus tamariscinus Nutt. 6

Anacardiaceae
Rhus glabra L. 5
Toxicodendron radicans (L.) Kuntze.
 1,2,3,4,5

Apocynaceae
Apocynum cannabinum L. 5

Araliaceae
Panax quinquefolius L.* 1,2

Aristolochiaceae
Aristolochia serpentaria L.* 1
Asarum canadense L. var. reflexum
 (Bickn.) Robins.* 2

Asclepiadaceae
Asclepias exaltata L.* 1
Asclepias incarnata L. 6
Asclepias purpurascens L.* 4,5
Asclepias syriaca L. 5
Asclepias verticillata L. 5
Cynanchum laeve (Michx.) Pers. 5

Balsaminaceae
Impatiens biflora Walt.* 3,4,5,6,7
Impatiens pallida Nutt.* 3,7

Berberidaceae
Caulophyllum thalictroides (L.)
 Michx.* 2
Podophyllum peltatum L. 1,2,4

Betulaceae
Betula nigra L. intro.
Carpinus caroliniana Walt.* 1,2
Corylus americana Walt.* 1,2
Ostrya virginiana (Mill.) K. Koch.* 1,2

Bignoniaceae
Campsis radicans (L.) Seem. 5

Boraginaceae
Hackelia virginiana (L.) I.M. Johnston.*
 1,2,5
Mertensia virginica (L.) Pers. 1
Myosotis virginica (L.) BSP. 5

Campanulaceae
Campanula americana L. 1,2
Lobelia inflata L. 4,5
Lobelia spicata Lam. 4
Lobelia siphilitica L.* 5,6

Specularia perfoliata (L.) A. DC.* 4,5

Caprifoliaceae
Lonicera japonica Thunb.* 4,5
Lonicera prolifera (Kirchn.) Rehd.* 2,4
Sambucus canadensis L. 4,5
Symphoricarpos orbiculatus Moench. 4,5
Triosteum aurantiacum Bickn. 5
Triosteum perfoliatum L. 1,4
Viburnum prunifolium L.* 1,4
Viburnum recognitum Fern.* 1,4

Caryophyllaceae
Cerastium nutans Raf. 5
Cerastium vulgatum L.* 5
Dianthus armeria L.* 5
Lychnis alba Mill.* 5
Paronychia canadensis (L.) Wood. 5
Saponaria officinalis L. 5
Silene antirrhina L. 5
Silene stellata (L.) Ait. f. 1,4,5
Stellaria longifolia Muhl.* 5
Stellaria media (L.) Cyrill. 5

Celastraceae
Celastrus scandens L. 1,4,5
Euonymus atropurpureus Jacq. 2
Euonymus obovatus Nutt.* 2

Chenopodiaceae
Atriplex patula L.* 5
Chenopodium album L. 5
Chenopodium ambrosioides L. 5,6

Compositae
Achillea millefolium L. 4,5
Ambrosia artemisiifolia L. 4,5
Ambrosia trifida L. 5
Antennaria neglecta Greene.* 5
Antennaria plantaginifolia (L.)
 Richards.* 1,2,4
Anthemis cotula L. 5
Arctium minus (Hill) Bernh.* 5
Aster lateriflorus (L.) Britt.* 1,2
Aster pilosus Willd. 5
Aster sagittifolius Wedem. ex Willd.* 1
Aster shortii Lindl.* 1,2
Aster simplex Willd.* 3
Aster turbinellus Lindl.* 1,2
Bidens bipinnata L.* 3,6
Bidens cernua L.* 6
Bidens frondosa L. 3
Chrysanthemum leucanthemum L.* 4,5

Cirsium altissimum (L.) Spreng.* 4
Cirsium discolor (Muhl.) Spreng. 5
Cirsium vulgare (Savi) Tenore. 5
Eclipta alba (L.) Hassk.* 6
Erigeron annuus (L.) Pers. 4,5
Erigeron canadensis L. 5
Erigeron philadelphicus L. 4,5
Eupatorium coelestinum L. 6
Eupatorium perfoliatum L.* 6,7
Eupatorium purpureum L. 4,5
Eupatorium rugosum Houtt.* 1,2,4,5
Eupatorium serotinum Michx. 4,5
Eupatorium sessilifolium L. 2
Galinsoga ciliata (Raf.) Blake.* 6
Gnaphalium obtusifolium L.* 5
Helianthus divaricatus L. 4,5
Helianthus tuberosus L. 5
Heliopsis helianthoides (L.) Sweet. 4,5
Krigia biflora (Walt.) Blake.* 1
Lactuca canadensis L. 4,5
Lactuca floridana (L.) Gaertn.* 5
Lactuca serriola L. 5
Prenanthes altissima L.* 1,2
Rudbeckia hirta L. 5
Rudbeckia laciniata L. 3
Rudbeckia triloba L. 5
Senecio obovatus Muhl.* 2
Silphium perfoliatum L.* 6
Solidago canadensis L. 5
Solidago flexicaulis L.* 2
Solidago nemoralis Ait.* 4,5
Solidago patula Muhl.* 7
Solidago ulmifolia Muhl. 1,2
Taraxacum officinale Weber. 5
Tragopogon dubius Scop.* 5
Verbesina alternifolia (L.) Britt.* 3,4,5
Vernonia gigantea (Walt.) Trel. 5
Vernonia missurica Raf. 5
Xanthium strumarium L. var. canadensis (Mill.) Torr. & Gray. 3

Convolvulaceae
Calystegia sepium (L.) R. Br. 5
Cuscuta gronovii Willd.* 3
Ipomoea hederacea (L.) Jacq. 5
Ipomoea pandurata (L.) G.F.W. Mey.* 5

Cornaceae
Cornus drummondii C.A. Mey. 4,5
Cornus florida L.* 1,2
Cornus obliqua Raf.* 4,5
Cornus racemosa Lam. 1,2

Cruciferae
Arabis laevigata (Muhl.) Poir.* 2,4
Arabis hirsuta (L.) Scop. var. pycnocarpa (M. Hopkins) Rollins.* 4
Capsella bursa-pastoris (L.) Medic. 5
Cardamine bulbosa (Schreb.) BSP.* 2,7
Cardamine pennsylvanica Muhl.* 6
Dentaria laciniata Muhl. 1,2
Draba verna L.* 5
Iodanthus pinatifidus (Michx.) Steud.* 3
Lepidium campestre (L.) R. Br. 5
Lepidium virginicum L. 5
Sisymbrium officinale (L.) Scop. 5

Ebenaceae
Diospyros virginiana L.* 4,5

Ericaceae
Monotropa hypopithys L.* 2

Euphorbiaceae
Acalypha gracilens Gray.* 5
Acalypha rhomboidea Raf. 5
Acalypha virginica L. 5,6
Chamaesyce maculata (L.) Small. 5
Chamaesyce supina (Raf.) Moldenke. 5
Croton capitatus Michx.* 5
Euphorbia corollata L. 4,5

Fagaceae
Quercus alba L. 1,2,4
Quercus imbricaria Michx. 4,5
Quercus macrocarpa Michx. 2,3
Quercus muhlenbergii Engelm.* 2
Quercus rubra L. 1,2,4
Quercus velutina Lam. 1,2,4

Gentianaceae
Sabatia angularis (L.) Pursh.* 5
Swertia carolinensis (Walt.) Kuntze.* 1,2

Geraniaceae
Geranium carolinianum L.* 5
Geranium maculatum L. 2

Hydrophyllaceae
Ellisia nyctelea L. 5
Hydrophyllum canadense L.* 2
Hydrophyllum virginianum L. 2
Phacelia purshii Buckley.* 2

Hypericaceae
Hypericum punctatum Lam. 6

Juglandaceae
Carya cordiformis (Wang.) K. Koch. 1,2
Carya glabra (Mill.) Sweet. 1,2
Carya ovalis (Wang.) Sarg. 4
Carya ovata (Mill.) K. Koch. 1,2
Carya tomentosa (Poir.) Nutt. 1,2
Juglans nigra L. 1,2

Labiatae
Agastache nepetoides (L.) Ktze.* 4,5
Blephilia hirsuta (Pursh) Benth.* 5
Glechoma hederacea L.* 5
Isanthus brachiatus (L.) BSP.* 5
Lamium amplexicaule L. 5
Leonurus cardiaca L.* 5
Lycopus americanus Muhl. 6
Lycopus virginicus L.* 6
Mentha arvensis L. var. villosa
(Benth.) S.R. Stewart.* 6
Monarda bradburiana Beck.* 4
Nepeta cataria L. 4,5
Prunella vulgaris L. var. lanceolata
(Bart.) Fern. 6
Pycnanthemum tenuifolium Schrad. 4,5
Pycnanthemum pilosum Nutt. 5
Pycnanthemum virginianum (L.) Dur. &
Jacks. 5
Scutellaria incana Biehler.* 1
Scutellaria lateriflora L.* 6
Scutellaria parvula Michx. var.
leonardii (Epling) Fern. 4
Scutellaria ovata Hill. var.
versicolor (Nutt.) Fern.* 1
Stachys tenuifolia Willd. 4,5
Teucrium canadense L. var. virginicum
(L.) Eat. 5

Lauraceae
Lindera benzoin (L.) Blume.* 3
Sassafras albidum (Nutt.) Nees.* 4,5

Leguminosae
Amphicarpa bracteata (L.) Fern.* 4
Baptisia leucantha Torr. & Gray. 5
Cassia fasciculata Michx. 5
Cassia marilandica L.* 5
Cercis canadensis L. 1,2
Desmodium glutinosum (Muhl.) Wood.* 1
Desmodium nudiflorum (L.) DC.* 1,4

Desmodium paniculatum (L.) DC.* 1,4
Desmodium sessilifolium (Torr.) Torr.
& Gray.* 5
Gleditsia triacanthos L. 4,5
Gymnocladus dioica (L.) K. Koch.* 2,3
Lespedeza cuneata (Dum.-Cours.) G.
Don.* 5
Lespedeza stipulacea Maxim.* 5
Lespedeza violacea (L.) Pers.* 5
Medicago lupulina L. 5
Medicago sativa L. 5
Melilotus alba Desr. 5
Melilotus officinalis (L.) Lam. 5
Psoralea onobrychis Nutt. 5
Trifolium campestre Schreb. 5
Trifolium hybridum L. 5
Trifolium pratense L. 5
Trifolium repens L. 5

Malvaceae
Abutilon theophrastii Medic. 5
Hibiscus militaris Cav. 3,6
Hibiscus trionum L. 5
Malva rotundifolia L.* 5
Sida spinosa L. 5

Menispermaceae
Menispermum canadense L. 1,4

Moraceae
Humulus lupulus L. 4,5
Maclura pomifera (Raf.) Schneider. 5
Morus rubra L. 4,5

Nyctaginaceae
Mirabilis nyctaginea (Michx.) MacM. 5

Oleaceae
Fraxinus americana L. 1,2
Fraxinus pennsylvanica Marsh. var.
subintegerrima (Vahl.) Fern. 3

Onagraceae
Circaea quadrisulcata (Maxim.) Franch. &
Sav. var. canadensis (L.) Hara.* 1
Epilobium coloratum Muhl. 6
Oenothera biennis L. 5,6

Orobanchaceae
Orobanche uniflora L.* 1

Oxalidaceae
Oxalis dillenii Jacq. 1,4,5
Oxalis violacea L. 1,4

Papaveraceae
Dicentra cucullaria (L.) Bernh. 2
Sanguinaria canadensis L. 2

Passifloraceae
Passiflora lutea L. var. glabriflora
Fern.* 1

Phrymaceae
Phryma leptostachya L.* 1,2

Phytolaccaceae
Phytolacca americana L. 5

Plantaginaceae
Plantago aristata Michx. 5
Plantago lanceolata L. 5
Plantago rugelii Dcne. 5
Plantago virginica L.* 5

Platanaceae
Platanus occidentalis L. 5

Polemoniaceae
Phlox divaricata L. 1,2,4
Phlox paniculata L.* 3,5
Polemonium reptans L. 1,2

Polygalaceae
Polygala verticillata L.* 5

Polygonaceae
Polygonum aviculare L.* 5,6
Polygonum convolvulus L. 5
Polygonum hydropiper L.* 5
Polygonum pensylvanicum L. var.
laevigatum Fern. 5
Polygonum persicaria L. 5
Polygonum punctatum Ell. 5
Polygonum scandens L.* 5
Polygonum virginianum L.* 1,2
Rumex acetosella L. 5
Rumex altissimus Wood.* 5
Rumex crispus L.* 5
Rumex obtusifolius L.* 1,6

Portulacaceae
Claytonia virginica L. 1,2,4

Primulaceae
Lysimachia ciliata L. 5
Lysimachia lanceolata Walt. 5
Lysimachia nummularia L.* 3
Samolus parviflorus Raf. 6

Ranunculaceae
Actaea pachypoda Ell.* 1,2
Anemone virginiana L.* 4
Caltha palustris L.* 7
Clematis pitcheri Torr. & Gray. 3
Hepatica nobilis Schreb. var. acuta
(Pursh) Steyerl.* 2
Isopyrum biternatum (Raf.) Torr. &
Gray* 1,2
Myosurus minimus L. 5
Ranunculus abortivus L. 3,4,5,7
Ranunculus micranthus Nutt.* 5
Ranunculus recurvatus Poir.* 1,2
Ranunculus septentrionalis Poir. 3,7
Thalictrum dasycarpum Fisch. & Lall.* 2
Thalictrum dioicum L.* 1,2

Rhamnaceae
Ceanothus americanus L. 4

Rosaceae
Agrimonia parviflora Ait.* 5
Agrimonia pubescens Wallr.* 1,2
Agrimonia rostellata Wallr. 4
Crataegus crus-galli L. 5
Crataegus mollis (Torr. & Gray)
Scheele. 5
Fragaria virginiana Duchesne. 4,5
Geum canadense Jacq. 4,5
Geum vernum (Raf.) Torr. & Gray. 4,5
Gillenia stipulata (Muhl.) Baill.* 4
Malus ioensis (Wood) Britt. 4,5
Malus pumila Mill.* 5
Potentilla norvegica L. 5
Potentilla recta L.* 5
Potentilla simplex Michx. 4,5
Prunus persica (L.) Batsch.* 5
Prunus serotina Ehrh. 2,4,5
Pyrus communis L.* 5
Rosa carolina L. 4
Rosa multiflora Thunb.* 5
Rosa setigera Michx. 6
Rubus allegheniensis Porter. 5
Rubus argutus Link.* 4,5
Rubus flagellaris Willd.* 5
Rubus occidentalis L.* 4,5

Rubiaceae
Cephalanthus occidentalis L. 3,6
Galium aparine L. 1,2,4
Galium circaeazans Michx.* 1,4
Galium concinnum Torr. & Gray. 1,2
Galium triflorum Michx.* 1
Houstonia purpurea L. 4,5

Rutaceae
Xanthoxylum americanum Mill.* 2

Salicaceae
Populus deltoides Marsh. 3,5
Populus grandidentata Michx.* 5
Salix discolor Muhl.* 5,7
Salix interior Rowlee. 6
Salix nigra Marsh. 6

Saururaceae
Saururus cernuus L. 3

Saxifragaceae
Heuchera hirsuticaulis (Wheelock)
 Rydb.* 4,5
Hydrangea arborescens L.* 2
Penthorum sedoides L. 6
Ribes missouriense Nutt. 1,4

Scrophulariaceae
Conobea multifida (Michx.) Benth. 6
Gerardia tenuifolia Vahl.* 4
Lindernia dubia (L.) Pennell. 6
Mimulus alatus Ait. 4,5
Mimulus ringens L. 6
Penstemon digitalis Nutt. 5
Scrophularia marilandica L. 4,5
Seymeria macrophylla Nutt.* 4
Verbascum blattaria L. 5
Verbascum thapsus L. 5
Veronica arvensis L. 5
Veronica peregrina L. 5
Veronicastrum virginicum (L.) Farw. 1

Simarubaceae
Ailanthus altissima (Mill.) Swingle.* 5

Solanaceae
Datura stramonium L. 5
Physalis heterophylla Nees. 6
Physalis subglabrata Mack. & Bush. 5
Solanum carolinense L. 5
Solanum americanum Mill.* 5,6

Staphyleaceae
Staphylea trifolia L. 2,3

Tiliaceae
Tilia americana L.* 2

Ulmaceae
Celtis occidentalis L. 3,4
Ulmus americana L. 2,3,5
Ulmus rubra Muhl. 1,2,3,5

Umbelliferae
Chaerophyllum procumbens (L.) Crantz. 1,2
Conium maculatum L. 5
Cryptotaenia canadensis (L.) DC.* 1,2
Daucus carota L. 5
Osmorhiza claytonii (Michx.) Clarke.* 2,3
Osmorhiza longistylis (Torr.) DC. 1,2
Pastinaca sativa L. 5
Sanicula canadensis L.* 1,2
Sanicula gregaria Bickn. 1,2
Torilis japonica (Houtt.) DC.* 5

Urticaceae
Boehmeria cylindrica (L.) Sw.* 3,6
Laportea canadensis (L.) Webb.* 3,7
Parietaria pensylvanica Muhl.* 1,2
Pilea pumila (L.) Gray. 3,7

Verbenaceae
Lippia lanceolata Michx. 6
Verbena hastata L. 5,6
Verbena stricta Vent. 5
Verbena urticifolia L. 4,5

Violaceae
Viola pratincola Greene. 3,4
Viola pratincola Greene. f. albiflora
 (Glover) Mohl.* 5
Viola pubescens Ait. var. eriocarpa
 (Schwein.) Russell. 2,3
Viola rafinesquii Greene.* 5
Viola sororia Willd. 4

Vitaceae
Parthenocissus quinquefolia (L.)
 Planch. 5
Vitis aestivalis Michx. 1,4,5
Vitis riparia Michx. 5
Vitis vulpina L. 5

LITERATURE CITED

- Dolbeare, B. and J. Ebinger. 1974. Distribution of the common vascular hydrophytes in Illinois. Trans. Ill. St. Acad. Sci. 67:402-417.
- Ebinger, J. E. 1973. Coppice forest in East-central Illinois. Castanea 38:152-163.
- Jones, G. N. and G. D. Fuller. 1955. Vascular Plants of Illinois. University of Illinois Press, Urbana.
- Mohlenbrock, R. H. 1967. The Illustrated Flora of Illinois. Ferns. Southern Illinois University Press, Carbondale and Edwardsville.
- _____. 1970a. The Illustrated Flora of Illinois. Flowering Plants. Flowering Rush to Rushes. Southern Illinois University Press, Carbondale and Edwardsville.
- _____. 1970b. The Illustrated Flora of Illinois. Flowering Plants. Lilies to Orchids. Southern Illinois University Press, Carbondale and Edwardsville.
- _____. 1972. The Illustrated Flora of Illinois. Grasses. Bromus to Paspalum. Southern Illinois University Press, Carbondale and Edwardsville.
- _____. 1973. The Illustrated Flora of Illinois. Grasses. Panicum to Danthonia. Southern Illinois University Press, Carbondale and Edwardsville.
- _____. 1975. Guide to the Vascular Flora of Illinois. Southern Illinois University Press, Carbondale and Edwardsville.
- Schwegman, J. 1973. Comprehensive Plan for the Illinois Nature Preserves System. Part 2. The Natural Divisions of Illinois. Illinois Nature Preserves Commission, Rockford.
- Sheviak, C. J. 1974. An Introduction to the Ecology of the Illinois Orchidaceae. Ill. St. Mus. Sci. Pap. XIV:xiii+89.
- Winterringer, G. S. and R. A. Evers. 1960. New Records for Illinois Vascular Plants. Ill. St. Mus. Sci. Pap. XI:xi+135.