

TREES AND SHRUBS OF CHAMPAIGN COUNTY, ILLINOIS

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The terms trees and shrubs as used here include those plants that are all or part woody. Size is the usual means of distinguishing a tree from a shrub; the line of demarcation is, however, arbitrary and often difficult to follow. In the following list there are 130 native and naturalized species of woody plants; of these 64 are trees, 51 shrubs and woody climbers, 2 suffrutescent, and 13 classified as either trees or shrubs.

The sequence of families, and the nomenclature, are those of Rehder's "Manual of Cultivated Trees and Shrubs," (ed. 2) 1940. Most of the common names have been adapted from Deam's "Flora

of Indiana." The selection of a vernacular name from the multitude of those in use is quite difficult, especially since the same name is often applied to several totally different plants. All specimens upon which this study is based are in the Herbarium of the University of Illinois. The name of each species is followed by a letter or combination of letters to indicate its habit of growth as, Shrub (S), Tree (T), Vine (V), and Suffrutescent (Su).

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Pinaceae

Juniperus virginiana L. Red cedar (S or T)

Salicaceae

Populus alba L. White poplar (T)
P. canadensis (Mill.) B.S.P. Gray poplar (T)
P. deltoides Marsh. Cottonwood (T)
P. grandidentata Michx. Largetooth aspen (T)
Salix alba L. European white willow (T)
S. cordata Muhl. Heartleaf willow (S)
S. fragilis L. Brittle willow (T)
S. interior Rowlee. Longleaf willow (S)
S. nigra Marsh. Black willow (T)
S. pentandra L. Bayleaf willow (T)
S. prinoides Pursh. (S)
S. vitellina L. Golden willow (T)

Juglandaceae

Juglans nigra L. Black walnut (T)
Carya cordiformis (Wang.) K.Koch Bitternut hickory (T)
C. glabra (Mill.) Sweet Pignut hickory (T)
C. laciniosa (Michx.f.) Loud. Bigleaf shagbark hickory (T)
C. ovalis (Wang.) Sarg. Small fruited hickory (T)
C. ovata (Mill.) K.Koch Shagbark hickory (T)

Betulaceae

Carpinus caroliniana Walt. Blue beech (T)
Corylus americana Walt. American hazelnut (S)
Ostrya virginiana (Mill.) K.Koch Hop hornbeam (T)

Fagaceae

Quercus alba L. White oak (T)
Q. bicolor Willd. Swamp white oak (T)
Q. coccinea Muench. Scarlet oak (T)
Q. imbricaria Michx. Shingle oak (T)
Q. macrocarpa Michx. Bur oak (T)
Q. maxima (Marsh.) Ashe Red oak (T)
Q. muhlenbergii Engelm. Chinquapin oak (T)
Q. palustris Muench. Pin oak (T)

Q. runcinata Engelm. (*Q. imbricaria* X *Q. maxima*) (T)
Q. velutina Lam. Black oak (T)

Ulmaceae

Celtis occidentalis L. Hackberry (T)
Ulmus americana L. American elm (T)
U. fulva Michx. Slippery elm (T)

Moraceae

Morus alba L. White mulberry (T)
M. rubra L. Red mulberry (T)
Maclura pomifera (Raf.) Schneider Osage orange (T)

Ranunculaceae

Clematis pitcheri T. & G. Pitcher leather flower (V)
C. virginiana L. Virgins bower (V)

Menispermaceae

Menispermum canadense L. Common moonseed (V)

Anonaceae

Asimina triloba (L.) Dunal. Pawpaw (T)

Lauraceae

Sassafras albidum (Nutt.) Nees. Sassafras (T)
Lindera benzoin (L.) Bl. Spicebush (S)

Grossulariaceae

Ribes americana Mill. American black current (S)
R. missouriensis Nutt. Missouri gooseberry (S)

Platanaceae

Platanus occidentalis L. American planetree (T)

Rosaceae

Amelanchier canadensis (L.) Medic. Downy shadblow (T)
Crataegus crus-galli L. Cockspur thorn (S, or T)
C. macracantha Lodd. (S or T)
C. mollis (T. & G.) Scheele (T)
C. pedicellata Sarg. (T)
C. pruinosa (Wendl.) K.Koch (S or T)
Malus angustifolia (Ait.) Michx. (S or T)
M. coronaria (L.) Mill. Wild sweet crab (T)

- M. ioensis* (Wood) Britt. Prairie crab (T)
Prunus americana Marsh. American plum (T)
P. angustifolia Marsh. Chickasaw plum (S or T)
P. hortulana Bailey Hortulan plum (T)
P. serotina Ehrh. Black cherry (T)
P. virginiana L. Common chokecherry (S or T)
Rosa carolina L. Pasture rose (S)
R. rubiginosa L. (S)
R. setigera Michx. Prairie rose (S)
R. suffulta Greene (S)
Rubus allegheniensis Porter. Allegheny blackberry (S)
R. argutus Link. Highbush blackberry (S)
R. flagellaris Willd. Northern dewberry (S)
R. occidentalis L. Common blackcap raspberry (S)
Spiraea alba DuRoi. Meadow spirea (S)
- Leguminosae**
Amorpha canescens Nutt. Lead plant (Su)
A. fruticosa L. Indigobush (S)
Cercis canadensis L. Redbud (T)
Gleditsia triacanthos L. Honey locust (T)
Gymnocladus dioica (L.) K.Koch. Kentucky coffeetree (T)
Robinia pseudo-acacia L. Black locust (T)
- Simarubaceae**
Ailanthus altissima (Mill.) Swingle
Ailanthus (T)
- Rutaceae**
Zanthoxylum americanum Mill. Northern prickly ash (T)
Ptelea trifoliata L. Common hoptree (T)
- Anacardiaceae**
Rhus aromatica Ait. Fragrant sumac (S)
R. glabra L. Smooth sumac (S)
R. radicans L. Poison ivy (V)
- Celastraceae**
Evonymus atropurpureus Jacq. Wahoo (S or T)
E. obovata Nutt. Running evonymus (S)
Celastrus scandens L. American bitter-sweet (V)
- Staphyleaceae**
Staphylea trifolia L. American bladder-nut (S)
- Aceraceae**
Acer negundo L. Box elder (T)
A. nigrum Michx.f. Black maple (T)
A. rubrum L. Red maple (T)
A. saccharinum L. Silver maple (T)
A. saccharum Marsh. Sugar maple (T)
- Sapindaceae**
Aesculus glabra Willd. Ohio buckeye (T)
- Rhamnaceae**
Ceanothus americanus L. New Jersey tea (S)
Rhamnus frangula L. Glossy buckthorn (S or T)
R. lanceolata Pursh. Lanceleaf buckthorn (S)
- Vitaceae**
Parthenocissus quinquefolia (L.) Planch. Virginia creeper (V)
P. vitacea (Knerr) Hitchc. (V)
Vitis aestivalis Michx. Summer grape (V)
V. cinerea Engelm. Sweet winter grape (V)
V. labrusca L. Fox grape (V)
V. palmata Vahl. Catbird grape (V)
V. riparia Michx. Riverbank grape (V)
V. vulpina L. Frost grape (V)
- Tiliaceae**
Tilia americana L. American linden (T)
- Hypericaceae**
Hypericum sphaerocarpum Michx. (Su)
- Thymeleaceae**
Dirca palustris L. Leatherwood (S)
- Cornaceae**
Cornus alternifolia L.f. Pogoda dogwood (S or T)
C. amomum Mill. Silky dogwood (S)
C. asperifolia Michx. Roughleaf dogwood (S)
C. florida L. Flowering dogwood (S or T)
C. obliqua Raf. Pale dogwood (S)
C. racemosa Lam. Gray dogwood (S)
C. stolonifera Michx. Red osier dogwood (S)
Nyssa sylvatica Marsh. Black gum (T)
- Ebenaceae**
Diospyros virginiana L. Common persimmon (T)
- Oleaceae**
Fraxinus americana L. White ash (T)
F. lanceolata Borkh. Green ash (T)
F. pennsylvanica Marsh. Red Ash (T)
F. quadrangulata Michx. Blue ash (T)
- Bignoniaceae**
Campsis radicans (L.) Seemann. Trumpet creeper (V)
- Rubiaceae**
Cephalanthus occidentalis L. Common buttonbush (S or T)
- Caprifoliaceae**
Lonicera sempervirens L. Trumpet honeysuckle (V)
L. prolifera (Kirchner) Rehder. Grape honeysuckle (V)
Sambucus canadensis L. Elderberry (S)
Symphoricarpos orbiculatus Moench. Coralberry (S)
Viburnum dentatum L. Arrow wood (S)
V. lentago L. Nannyberry (S or T)
V. prunifolium L. Blackhaw (S or T)
V. trilobum Marsh. Cranberry bush (S)
- Liliaceae**
Smilax hispida Muhl. Hispid greenbrier (V)

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