

Contributions to the Flora of Wayne County, Indiana

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A study of the trees and shrubs of Wayne County, Indiana, was made during the academic year 1954-1955, since it had been found that many plants common in the county had never been reported. A small group of students in a course in trees and forestry did much of the "ground work," compiling a card index of the species reported for Wayne County in Deam's Flora of Indiana and also the species indicated by Deam to be in adjacent counties. They also checked the Plant Distribution Records as published in the Proceedings of the Indiana Academy of Science. It then became evident that we would not report just the relatively rare species, as at first intended, but begin the compilation of a list of the flowering plants of the county. This necessitated a checking of the Earlham College Herbarium and considerable collecting as well as recording of stations for the species we were trying to cover at this time. The following list includes 113 species in 58 genera and 37 families, listed in the order used in Deam's Flora of Indiana, with species given alphabetically within the genera. Nomenclature is in accord with that used in Gray's Manual of Botany, 8th edition.

A List of the Dicotyledonous Woody Species of Wayne County, Indiana (Exclusive of species of the genera *Salix*, *Crataegus*, *Rubus* and *Rosa*)

Salicaceae: *Populus alba* L., *P. deltoides* Marsh., *P. grandidentata* Michx., *P. tremuloides* Michx. Juglandaceae: *Juglans cinerea* L., *J. nigra* L. *Carya cordiformis* (Wang.) K. Koch, *C. glabra* (Mill.) Sweet, *C. ovalis* Wang.) Sarg., *C. ovata* (Mill.) K. Koch, *C. tomentosa* (Lam.) Nutt. Corylaceae: *Carpinus caroliniana* var. *virginiana* (Marsh.) Fern., *Ostrya virginiana* (Mill.) K. Koch, *Corylus americana* Walt. Fagaceae: *Fagus grandifolia* Ehrh., *Quercus alba* L., *Q. bicolor* Willd., *Q. rubra* L., *Q. imbricaria* Michx.², *Q. macrocarpa* Michx., *Q. Michauxii* Nutt., *Q. Muhlenbergii* Engelm., *Q. palustris* Muenchh., *Q. prinus* L., *Q. velutina* Lam. Ulmaceae: *Ulmus americana* L., *U. rubra* Muhl., *U. Thomasii* Sarg., *Celtis occidentalis* L., *C. occidentalis* L. var. *canina* (Raf.) Sarg. Moraceae: *Morus alba* L., *Morus rubra* L., *Maclura pomifera* (Raf.) Schneid. Ranunculaceae: *Clematis virginiana* L. Berberidaceae: *Berberis Thunbergii* DC. Menispermaceae: *Menispermum canadense* L. Magnoliaceae: *Liriodendron Tulipifera* L. Anonaceae: *Asimina triloba* (L.) Dunal. Lauraceae: *Sassafras albidum* (Nutt.) Nees, *S. albidum* var. *molle* (Raf.) Fern., *Lindera Benzoin* (L.) Blume, *L. Benzoin* var. *pubescens* (Palmer and Steyererm.) Rehd. Saxifragaceae: *Hydrangea arborescens* var. *Deamii* St. John, *Ribes americanum* Mill., *R. cynosbati* L. Hamamelidaceae: *Hamamelis virginiana* L.² Platanaceae: *Platanus*

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occidentalis L. Rosaceae: *Physocarpus opulifolius* (L.) Maxim., *Spiraea alba* DuRoi³ *Pyrus coronaria* L., *P. coronaria* var. *dasycalyx* (Rehd.) Fern., *Amelanchier arborea* (Michx. f.) Fern.,² *A. laevis* Wieg.,² *Potentilla fruticosa* L.,² *Prunus americana* Marsh. *P. pensylvanica* L. f.,² *P. serotina* Ehrh., *P. virginiana* L.² Leguminosae: *Cercis canadensis* L., *Gleditsia triacanthos* L., *Gymnocladus dioica* (L.) K. Koch, *Robinia Pseudo-Acacia* L. Rutaceae: *Xanthoxylum americanum* Mill., *Ptelea trifoliata* L. Simaroubaceae: *Alanthus altissima* (Mill.) Swingle. Anacardiaceae: *Rhus aromatica* Ait.,² *R. glabra* L., *R. radicans* L., *R. typhina* L. Aquifoliaceae: *Ilex verticillata* (L.) Gray.² Celastraceae: *Euonymus atropurpureus* Jacq., *E. obovatus* Nutt., *Celastrus scandens* L. Staphyleaceae: *Staphylea trifolia* L. Aceraceae: *Acer Negundo* L., *A. Negundo* var. *violaceum* (Kirsch.) Jacq. *A. nigrum* Michx. f., *A. rubrum* L., *A. saccharinum* L., *A. saccharum* Marsh. Sapindaceae: *Aesculus glabra* Willd. Rhamnaceae: *Rhamnus lanceolata* Pursh., *Ceanothus americanus* L.³ Vitaceae: *Vitis aestivalis* Michx., *V. Labrusca* L., *V. riparia* Michx., *V. vulpina* L., *Parthenocissus quinquefolia* (L.) Planch., *P. inserta* (Kerner) K. Fritsch. Tiliaceae: *Tilia americana* L. Hypericaceae: *Hypericum spathulatum* (Spach) Steud.² Nyssaceae: *Nyssa sylvatica* var. *typica* Fern., *N. sylvatica* var. *caroliniana* (Poir.) Fern. Cornaceae: *Cornus alternifolia* L. f., *C. Drummondi* Meyer, *C. florida* L., *C. racemosa* Lam., *C. obliqua* Raf., *C. stolonifera* Michx. Oleaceae: *Fraxinus americana* L., *F. nigra* Marsh., *F. pennsylvanica* Marsh., *F. pennsylvanica* var. *subintegerrima* (Vahl.) Fern., *F. quadrangulata* Michx. Apocynaceae: *Vinca minor* L. Solanaceae: *Solanum Dulcamara* L. Bignoniaceae: *Campsis radicans* (L.) Seem. Rubiaceae: *Cephalanthus occidentalis* L. Caprifoliaceae: *Sambucus canadensis* L., *Viburnum acerifolium* L., *V. dentatum* var. *Deamii* (Rehd.) Fern., *V. Lentago* L., *V. prunifolium* L.

2. Species considered relatively rare, often with only one or two stations.

3. Reported previously from Wayne County, but not known to occur now.