

INTRODUCTION

FLORA by MAX is a plant database that is being constructed for educational purposes and to help me remember the plants that I have identified. I am a professional geologist (retired from the Department of Environmental Sciences, University of Toledo, Toledo Ohio in 2008) and an amateur botanist (began studying plants in 2004 as a retirement hobby).

The database is not an instrument to key out plants but rather a collection of plant slides in Adobe pdf format. The collection is alphabetically based on plant families and within each family, alphabetically by genus and species. Because common names are often nearly useless, plants in the collection are listed by their Latin scientific names with at least one common name present. Plant descriptions and photos are given to hopefully finalize identification.

To use the database effectively and quickly it is therefore important for the user to have knowledge of the plant families. One can of course simply browse but this is time consuming but may be rewarding. I hope you enjoy the site and perhaps you will find some old friends here. However, remember, I am an amateur and there are probably some mistakes. If you should find a mistake in identification, please contact me.

Please do not send me photos to include in the database – this is a personal crusade.

REFERENCES AND SOURCES USED IN IDENTIFICATION OF PLANTS

Antonio, T.M. and Masi, S., 2001, The Sunflower Family in the upper Midwest, Chicago Botanic Gardens, Glencoe, IL, 419 p.

Braun, E.L., 1967, The Monocotyledoneae (of Ohio, Cat-Tails to Orchids, with Gramineae by C.G. Weishaupt), Ohio State University Press, Columbus, OH, 464 p.

_____, 1989, The Woody Plants of Ohio, Ohio State University Press, Columbus, OH, 362 p.

Britton, N.L. and A. Brown, 1970, An Illustrated Flora of the Northern United States and Canada, Three vol. set, Dover Publications, (2,052 total p.)

Cliburn, J. and Klomps, G., 1980, A key to Missouri Trees in Winter, Missouri Department of Conservation, Jefferson City, 44 p.

Cooperrider, T.S., 1995, The Dicotyledoneae of Ohio, Vol. 2, (Linaceae through Campanulaceae), Ohio State Univ. Press, Columbus, OH, 656 p.

Fisher, T.R., 1988, The Dicotyledoneae of Ohio, Vol. 3, Asteraceae, Ohio State Univ. Press, Columbus, OH, 280 p.

Flora of North America, by many authors and editors, especially volumes 22,23,24, and 25 (Rushes, Sedges, and Grasses)

Gleason, H.A. and A. Cronquist, 1991, Manual of Vascular Plants of Northeastern United States and Adjacent Canada (2nd ed.), The New York Botanical Garden, New York, New York, 910 p.

Harlow, William, 1946, Fruit Key and Twig Key to Trees and Shrubs, Dover Publications, Inc., New York, 106 p.

Holmgren, N.H., 1998, Illustrated Companion to Gleason and Cronquist's Manual, Illustrations of the Vascular Plants of Northeastern United States and Adjacent Canada, New York Botanical Garden, New York, New York, 919 p.

Kurz, Don (illustrations by P. Nelson), 2003, Trees of Missouri, Missouri Department of Conservation, Jefferson City, Missouri, 399 p.

Kurz, Don (illustrations by P. Nelson), 1997, Shrubs and Woody Vines of Missouri, 387 p.

Steyermark, J.A., 1963, Flora of Missouri, Iowa State University Press, Ames, IA, 1725 p.

Symonds, G. D. (photographs by A. W. Merwin), 1963, The Shrub Identification Book, William Morrow and Company, New York, 379 p.

Symonds, G. D. (photographs by S. V. Chelminski), 2003, Quill, A HarperResource Book, New York, 272 p.

Trelease, William, 1967, Winter Botany, An identification guide to native trees and shrubs, Dover Publications, Inc., New York, 396 p.

Voss, E.G., 1972, Michigan Flora, Part 1, Gymnosperms and Monocots, Bull 55, Cranbrook Inst. of Science and University of Michigan Herbarium, Bloomfield Hills, MI, 488 p.

_____, 1985, Michigan Flora, Part 2, Dicots (Saururaceae-Cornaceae), Bull. 59, Cranbrook Inst. Of Science, Cranbrook Institute of Science and University of Michigan Herbarium, Bloomfield Hills, MI, 727 p.

_____, 1996, Michigan Flora, Part 3, Dicots, (Pyrolaceae-Compositae), Bull. 61, Cranbrook Inst. Of Science, Cranbrook Institute of Science and University of Michigan Herbarium, Bloomfield Hills, MI, 622 p.

Yatskievych, G., 1999, Steyermark's Flora of Missouri, Vol 1, The Missouri Dept. of Conservation (in cooperation with The Missouri Botanical Garden Press), Jefferson City, MO, 991 p.

_____, 2006, Steyermark's Flora of Missouri, Vol 2, The Missouri Dept. of Conservation (in cooperation with The Missouri Botanical Garden Press), Jefferson City, MO, 1181 p.

_____, 2013, Steyermark's Flora of Missouri, Vol 3, The Missouri Dept. of Conservation (in cooperation with The Missouri Botanical Garden Press), Jefferson City, MO, 1382 p.

Yatskievych, K., 2000, Field Guide to Indiana Wildflowers, Indiana University Press, Bloomington, IN, 357 p.
