

SOME USEFUL REFERENCES FOR IDENTIFYING PLANTS, FUNGI, AND LICHENS OF MISSISSIPPI AND ADJACENT STATES

Native and Naturalized Species, Mississippi and Adjacent States (technical treatments, including most known species. NOTE: Currently there is no work available that includes all the species of Mississippi or just the species of Mississippi. Identifying a plant conclusively is often based on consulting several of these works, combined with comparison to material in a herbarium and consideration of nomenclatural updates. A preliminary checklist can be found at <http://www.herbarium.olemiss.edu/checklist.html>.)

Chapman, A. W. 1897. *Flora of the Southern United States*. 3rd ed. Cambridge, MA: Cambridge Botanical Supply Co.

Clewell, A. F. 1985. *Guide to the Vascular Plants of the Florida Panhandle*. Tallahassee: Florida State University Press.

Correll, D. S. and M. C. Johnston. 1970. *Manual of the Vascular Plants of Texas*. Renner, TX: Texas Research Foundation.

Flora of North America Editorial Committee. 1993—present. *Flora of North America*. New York: Oxford UP. 30 vols. (when completed). [Several major groups, including grasses, sedges, composites, ferns, and gymnosperms have been completed. Others are in progress.]

Radford, A. E., H. E. Ahles, and C. R. Bell. 1968. *Manual of the Vascular Flora of the Carolinas*. Chapel Hill: University of North Carolina Press.

Small, J. K. 1933. *Manual of the Southeastern Flora*. New York: Science Press Printing Co.

Smith, E. B. 1994. *Keys to the Flora of Arkansas*. Fayetteville: University of Arkansas Press.

Steyermark, J. A. 1963. *Flora of Missouri*. Ames: Iowa State University Press.

Weakley, A. S. 2006 working draft. *Flora of the Carolinas, Virginia, Georgia, and surrounding areas*. Chapel Hill, NC: North Carolina Botanical Garden. For a copy or pdf, visit <http://www.herbarium.unc.edu/flora.htm>.

Yatskievych, G. 1999. *Steyermark's Flora of Missouri, Vol. 1: Introduction, Flora, Pteridophytes, Gymnosperms, Monocots*. St. Louis, MO: Missouri Botanical Garden Press.

Yatskievych, G. 2006. *Steyermark's Flora of Missouri, Vol. 2: Dicots, Acanthaceae through Fabaceae, first part*. St. Louis, MO: Missouri Botanical Garden Press.

Texts That Deal with Particular Groups (Wetland Plants, Grasses, Asters, and Oaks)

Allen, C. M. 1992. *Grasses of Louisiana*. 2nd ed. Eunice, LA: Cajun Prairie Habitat Preservation Society.

Clark, L. G. and R. W. Pohl. 1996. *Agnes Chase's First Book of Grasses*. 4th ed. Washington, D.C.: Smithsonian Institution Press.

Cronquist, A. 1980. Asteraceae. Vol. 1 of *Vascular Flora of the Southeastern United States*. Chapel Hill, NC: University of North Carolina Press.

Gandhi, K. N. and R. D. Thomas. 1989. Asteraceae of Louisiana. *Sida, Botanical Miscellany, No. 4*. Fort Worth, TX: Botanical Research Institute of Texas.

Godfrey, R. K. and J. W. Wooten. 1979. *Aquatic and Wetland Plants of Southeastern United States: Monocotyledons*. Athens: University of Georgia Press.

Godfrey, R. K. and J. W. Wooten. 1981. *Aquatic and Wetland Plants of Southeastern United States: Dicotyledons*. Athens: University of Georgia Press.

Hitchcock, A. S. and A. Chase. 1950. *Manual of the Grasses of the United States*. 2nd ed. Washington, D.C.: USDA (USDA Miscellaneous Publ. 200).

Isely, D. 1990. Leguminosae (Fabaceae). Vol. 3, Part 2 of *Vascular Flora of the Southeastern United States*. Chapel Hill, NC: University of North Carolina Press.

Leithead, H. L., L. L. Yarlett, and T. N. Shiflet. 1971. *100 Native Forage Grasses in 11 Southern States*. Washington, D.C.: USDA Agriculture Handbook No. 389.

Muenscher, W. C. 1944. *Aquatic Plants of the United States*. Ithaca, NY: Cornell University Press.

Stein, J., D. Binion, and R. Acciavatti. 2003. *Field Guide to Native Oak Species of Eastern North America*. USDA Publication FHTET-2003-01.

Tiner, R. W. 1993. *Field Guide to Coastal Wetland Plants of the Southeastern United States*. Amherst, MA: University of Massachusetts Press.

Native and Naturalized Trees, Shrubs, and Lianas (Woody Vines)

Allen, C. M., D. A. Newman, and H. H. Winters. 2002. *Trees, Shrubs, and Woody Vines of Louisiana*. Pitkin, LA: Allen's Native Ventures.

Brown, C. L. and L. K. Kirkman. 1990. *Trees of Georgia and Adjacent States*. Portland, OR: Timber Press.

Cope, E. A. 2001. *Muenscher's Keys to Woody Plants: An Expanded Guide to Native and Cultivated Species*. Ithaca, NY: Comstock Press.

Davis, D. E., N. D. Davis, and L. J. Samuelson. 1999. *Guide and Key to Alabama Trees*. 5th ed. Dubuque, IA: Kendall/Hunt.

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Duncan, W. H. and M. B. Duncan. 1988. *Trees of the Southeastern United States*. University of Georgia Press.

Elias, T. S. 2000. *The Complete Trees of North America: Field Guide and Natural History*. Chapman & Hall.

Foote, L. E. and S. B. Jones, Jr. 1989. *Native Shrubs and Woody Vines of the Southeast: Landscaping Uses and Identification*. Portland, OR: Timber Press.

Godfrey, R. K. 1988. *Trees, Shrubs, and Woody Vines of Northern Florida and Adjacent Georgia and Alabama*. Athens: University of Georgia Press.

Harrar, E. S. and J. G. Harrar. 1962. *Guide to Southern Trees*. New York: Dover.

Hicks, R. R., Jr. and G. K. Stephenson. 1978. *Woody Plants of the Western Gulf Region*. Dubuque, IA: Kendall/Hunt.

Little, E. L. 1980. *The Audubon Society Field Guide to North American Trees, Eastern Region*. New York: Alfred A. Knopf. 714 pp.

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Wofford, B. E. and E. W. Chester. 2002. *Guide to the Trees, Shrubs, and Woody Vines of Tennessee*. Knoxville, TN: University of Tennessee Press.

Cultivated and Landscape Plants

Staff of the L. H. Bailey Hortorium, Cornell University (Bailey, L. H., E. Z. Bailey, et al.). 1976. *Hortus Third: A Concise Dictionary of Plants Cultivated in the United States and Canada*. New York: Macmillan.

Bailey, L. H. 1949. *Manual of Cultivated Plants*. New York: Macmillan.

Dirr, M. A. 1997. *Dirr's Hardy Trees and Shrubs: An Illustrated Encyclopedia*. Portland, OR: Timber Press.

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Krussmann, G. 1984. *Manual of Cultivated Broad-Leaved Trees and Shrubs*. Portland, OR: Timber Press. 3 vols.

Odenwald, N. and J. Turner. 1996. *Identification, Selection, and Use of Southern Plants for Landscape Design*. 3rd ed. Baton Rouge: Claitor's Publishing Division.

Rehder, A. 1986. *Manual of Cultivated Trees and Shrubs*. Portland, OR: Dioscorides Press.

Walters, S. M. et al. 1986. *The European Garden Flora*. Cambridge: Cambridge University Press.

Wildflowers (common species)

Brown, C. A. 1972. *Wildflowers of Louisiana and Adjoining States*. Baton Rouge: Louisiana State University Press.

Duncan, W. H. and L. E. Foote. 1975. *Wildflowers of the Southeastern United States*. Athens: University of Georgia Press.

Miller, J. H. and K. V. Miller. 1999. *Forest Plants of the Southeast and Their Wildlife Uses*. Auburn, AL: Southern Weed Science Society.

Nelson, G. 2005. *East Gulf Coastal Plain Wildflowers*. Guilford, CT: Falcon.

Thieret, J., W. A. Niering, and N. C. Olmstead. 2001. *The Audubon Society Field Guide to North American Wildflowers, Eastern Region*. Rev. ed. New York: Alfred A. Knopf.

Timme, S. L. 1989. *Wildflowers of Mississippi*. Jackson: University Press of Mississippi.

Newcomb, L. 1989 [reprint of 1977]. *Newcomb's Wildflower Guide*. Little, Brown.

Ferns

Brown, C. A. 1942. *Ferns and Fern Allies of Louisiana*. Baton Rouge: Louisiana State University Press.

Cobb, B. 1963. *A Field Guide to the Ferns and their Related Families*. Boston: Houghton-Mifflin. [Peterson Field Guide series]

Evans, A. M. 1978. Mississippi flora: a guide to the ferns and fern allies. *Sida* 7: 282–297.

Lellinger, D. B. 1985. *A Field Manual of the Ferns and Fern-Allies of the United States and Canada*. Washington, D.C.: Smithsonian Institution.

Bryophytes (Mosses, Liverworts, and Hornworts)

Crum, H. A. and L. E. Anderson. 1981. *Mosses of Eastern North America*. 2 vols. New York: Columbia University Press.

Hicks, M. L. 1992. *Guide to the Liverworts of North Carolina*. Durham: Duke University Press.

Reese, W. D. 1984. *Mosses of the Gulf South*. Baton Rouge: Louisiana State University Press.

Schuster, R. M. 1966-1992. *The Hepaticae [liverworts] and Anthoceratae [hornworts] of North America East of the Hundredth Meridian*. New York: Columbia UP.

Fungi

Bessette, A. E., A. R. Bessette, and D. W. Fisher. 1997. *Mushrooms of Northeastern North America*. Syracuse: Syracuse University Press.

Dukes, G. H., Jr. 2000. *Mushrooms of Mississippi and Other Fungi and Protists*. Brandon, MS: Poplar Petal Publishing Co.

Lincoff, G. H. 1981. *The Audubon Society Field Guide to North American Mushrooms*. New York: Alfred A. Knopf.

McKnight, K. H. and V. B. McKnight. 1987. *A Field Guide to Mushrooms of North America*. Boston: Houghton-Mifflin.

Miller, O. K. and H. Miller. 2006. *North American Mushrooms: A Field Guide to Edible and Inedible Fungi (Falcongide)*. Falcon.

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Brodo, I. M., S. D. Sharnoff, and S. Sharnoff. 2001. *Lichens of North America*. New Haven, CT: Yale University Press.

Hale, M. E. 1969. *How To Know the Lichens*. Dubuque, IA: Wm. C. Brown.

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Lampe, K. F. and M. A. McCann. 1985. *AMA Handbook of Poisonous and Injurious Plants*. Chicago: American Medical Association.

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Introductions to Flowering Plant Structure, Terminology, and Families

Baumgardt, J. P. 1982. *How To Identify Flowering Plant Families: A Practical Guide for Horticulturists and Plant Lovers*. Portland, OR: Timber Press.

Capon, B. 1992. *Botany for Gardeners: An Introduction and Guide*. Portland, OR: Timber Press.

Coombes, A. J. 1985. *Dictionary of Plant Names*. Portland, OR: Timber Press.

Harris, J. G. and M. W. Harris. 2001. *Plant Identification Terminology: An Illustrated Glossary*. 2nd ed. Spring Lake, UT: Spring Lake Publishing Co.

Hickey, M. and C. King. 2001. *The Cambridge Illustrated Glossary of Botanical Terms*. Cambridge University Press.

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Judd, W. S. et al. 2002. *Plant Systematics: A Phylogenetic Approach*. 2nd ed. Sinauer.

Simpson, M. G. 2006. *Plant Systematics*. Amsterdam: Elsevier Academic Press.

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Wood, C. E., Jr. 1974. *A Student's Atlas of Flowering Plants: Some Dicotyledons of Eastern North America*. New York: Harper & Row.

Zomlefer, W. B. 1994. *Guide to Flowering Plant Families*. Chapel Hill: University of North Carolina Press.

Websites

Preliminary Checklist of Mississippi Plants: <http://www.herbarium.olemiss.edu/checklist.html>

Mississippi's Rare Plants: <http://www.mdwfp.com/museum/html/research/downloads.html>

USDA Plants Database: <http://plants.usda.gov>

Plant Photos and Keys: <http://www.plantsystematics.org>

Interactive Identification Keys: <http://flora.huh.harvard.edu:8080/actkey/>

Botanical Glossary (option 1): <http://www.ibiblio.org/botnet/glossary/>

Botanical Glossary (option 2):

<http://huntbot.andrew.cmu.edu/HIBD/Departments/DB-INTRO/IntroFNA.shtml>

Relationships of Flowering Plants: <http://www.mobot.org/MOBOT/research/APweb/>

Relationships of Plants (and all other organisms): <http://tolweb.org/tree/phylogeny.html>

Many More Botany Links: <http://www.flmnh.ufl.edu/herbarium/links/botselec.htm>

What Do These Scientific Names Mean? <http://www.winternet.com/~chuckg/dictionary.html>

Searchable Database of Herbaria (Plant Museums) and Specialists Worldwide—*Index Herbariorum*: <http://207.156.243.8/emu/ih/index.php>

Missouri Botanical Garden's *Tropicos* database: <http://mobot.mobot.org/W3T/Search/vast.html>

International Plant Names Index: www.ipni.org/index.html

International Code of Botanical Nomenclature: www.bgbm.fu-berlin.de/iapt/nomenclature/Code/SaintLouis/0000St.Luistitle.htm

Index of Fungal Names: <http://www.indexfungorum.org>