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Arkansas Field Botany (Flora and Vegetation) Bibliography (1988-2000)

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Abstract

The floristic richness and diversity of vegetation in Arkansas continues to require and stimulate a growing body of taxonomic and ecological research publications. Peck and Peck (1988) listed 766 references, including those of the two prior lists. Since then we have gathered 417 additional references. The total list now contains 1,183 references, with 70% prepared or published since 1970. This update is provided for four reasons: 1) to compile a comprehensive source to direct and facilitate future studies, 2) to provide easier access to many reports not normally located in electronic databases, 3) to improve communications with botanists outside Arkansas, and 4) to support the ongoing and active efforts of those involved in the production of a manual to the Arkansas Vascular Flora and a book-length treatment of the vegetation of Arkansas. Future plans include placing the entire list on the Internet and developing of a means of updating the list every year.

Introduction

The floristic richness and diversity of vegetation in Arkansas continues to require and stimulate a growing body of taxonomic and ecological research publications. Access to the scattered literature on Arkansas field botany was improved with the publication of three prior lists. Buchholz and Palmer (1926) listed 63 taxonomic studies. Dale (1963) listed 102 vegetation studies. Peck and Peck (1988) listed 766 references, including those of the two prior lists. They noted that there were many significant references in state and federal agency files that remain unpublished, undistributed, and generally unknown. With the current and on-going efforts to summarize the flora and vegetation of Arkansas in book-length treatments, it was deemed appropriate and timely to provide an update to Peck and Peck (1988) and to make these citations available through the same venue.

Methods

We employed much the same methods and inclusion criteria as that of Peck and Peck (1988) to gather citations of additional references. Again, we were particularly interested in any reference that documented or aided in the interpretation of the flora and vegetation of Arkansas. We included references that were essential to comprehend the natural heritage of Arkansas, even if derived from surrounding states. Such works often directly refer to collections made in Arkansas, the disjunct nature of Arkansas populations, or the composition of the vegetation. We took the position that it was better to err on the side of completeness, than to not include and lose a reference that might be needed in the future. The list was checked against the electronic databases of plant literature at Kew Garden and Missouri Botanical

Garden, but no additional references were found to add to what was already gathered. Standard abbreviations for biological references were employed unless a full spelling was required to insure that a general reader might accurately locate a reference.

Results and Discussion

Our efforts located an additional 417 references provided below. Inspection of the updates and the entire list demonstrates that there was a significant increase in field botany research in Arkansas that started in the 1970s, continued into the 1980s, and was sustained through the year 2000. This is a direct result of federal and state funding of research, environmental impact statements, mandated recovery of endangered species, and general biological contract work. The lead agencies funding this work includes the Arkansas Natural Heritage Commission, Arkansas Forestry Commission, and the two federal forests in Arkansas. The work was facilitated by the Arkansas Field Office of The Nature Conservancy, Arkansas Native Plant Society, and the Arkansas Academy of Science through its Journal. Academics and their graduate students continued to participate in most agency projects, a cooperation that has produced a prodigious modern body of work in the last 30 years. A total list of 1,183 references was compiled, with 70% of the references dated 1970 or more recently.

Future efforts will be directed toward placing the entire list of 1,183 reference citations on the Internet and developing a faster means of updating the list, perhaps every year. The authors welcome any reader to submit overlooked references and future publications for inclusion in subsequent updates and lists.

Bibliographic Update (1988 - 2000)

- Allen, J. A. 1997. Reforestation of bottomland hardwoods and the issue of woody species diversity. *Restoration Ecology* 5:125-134.
- Allen, R. T. 1988. Additions to the known endemic flora and fauna of Arkansas. *Proc. Ark. Acad. Sci.* 42:18-21.
- Allen, R. T. 1991. The biota of Magazine Mountain (I): An outline of the natural history of Magazine Mountain. *Proc. Ark. Acad. Sci.* 45:13-17.
- Anderson, R. C., J. S. Fralish, and J. M. Baskin. (Eds.) 1999. *Savannas, Barrens, and Rock Outcrop Communities of North America*. Cambridge University Press, NY.
- Anonymous. undated. *Geocarpon minimum* monitoring research, Winn Parish, LA, 1997-1998. Final Report. Repository, Arkansas Natural Heritage Commission, Little Rock, AR.
- Argus, G. W. 1985. Computerized catalogue of the herbarium specimens of *Salix* in the southeastern United States. National Museums of Canada and National Museum of Natural Sciences, Ottawa, Ontario, Canada [pages not numbered]
- Arkansas Native Plant Society. 1998. Rare plant conference workbook. Arkansas Native Plant Society, Hot Springs, AR. [11-12 August, 1998]
- Arkansas Polytechnic College. Undated. Your guide to the Dardanelle Reservoir Area. Prepared by Faculty Advisory Committee for Leisure Science, Arkansas Polytechnic College, for distribution by US Army Corps of Engineers, Little Rock District. 52 pp. [Includes keys to identification of major tree species of Lake Dardanelle area by Gary Tucker].
- Arkansas Vascular Flora Editorial Committee. 2000. Checklist of the vascular flora of Arkansas. Internal Document 4.0 December 2000. University Museum, University of Arkansas, Fayetteville, AR.
- Bailey, R. G., P. E. Avers, T. King, and W. H. McNab, eds. 1994. Ecoregions and subregions of the United States. United States Geological Survey, Washington, DC. [Map].
- Baker, J. B., ed. 1994. Proc. Symposium on ecosystem management research in the Ouachita Mountains: pretreatment conditions and preliminary findings, October 26 - 27, 1993, Hot Springs, AR. Gen. Tech. Rept. SO-112. USDA Forest Service, Southern Forest Research Station, New Orleans, LA. 259 pp.
- Barry, J. 1988. An ecological survey of poverty oat grass, *Danthonia spicata* (L.) Beauv. in northwest Arkansas. M.A. thesis, University of Arkansas, Fayetteville, AR.
- Bass, S. M. W. 1981. For the Trees: An illustrated history of the Ozark-St. Francis National Forests, 1908-1978. U.S. Dept. of Agriculture, Forest Service.
- Bates, V. 1988-1992. Ouachita National Forest: Sensitive Plant Survey. Vol. II: Sensitive species information. Ranger Districts: Mena (1988), Womble (1988), W. Caddo (1988), Oden (1990), Poteau (1990), Fourche (1991), Cold Spring (1991), Jessieville (1992), and Winona (1992). Series of annual reports by ranger district submitted to Arkansas Nature Conservancy, Arkansas Natural Heritage Commission, and U. S. Forest Service, Southern Region. No page numbers. Repository, Arkansas Natural Heritage Commission, Little Rock, AR.
- Bates, V. 1990. Ouachita National Forest: Sensitive Plant Survey. Vol. III. Photographs and slides. Report submitted to Arkansas Nature Conservancy, Arkansas Natural Heritage Commission, and U.S. Forest Service, Southern Region. Repository, Arkansas Natural Heritage Commission, Little Rock, AR.
- Bates, V. 2000. Additional surveys for the endangered species *Harperella (Ptilimnium nodosum)* (Rose) Mathias in the Ouachita Mountains region. Submitted to the U. S. Fish and Wildlife Office, Jackson, Mississippi.
- Bates, V. and A. B. Pittman. 1991. A review of the status of *Polymnia cossatotensis* Pittman and Bates (Compositae) or the "Cossatot leafcup". Report submitted to Arkansas Natural Heritage Commission. 41 pp.
- Bates, V. and A. B. Pittman. 1993. Ouachita National Forest: Sensitive Plant Survey. Vol. I: Overview of plant communities and an inventory of natural areas. Report to Arkansas Nature Conservancy, Arkansas Natural Heritage Commission, and U.S. Forest Service, Southern Region. 144 pp. Repository, Arkansas Natural Heritage Commission, Little Rock, AR.
- Best, M. 1990. The roads of Arkansas. Shearer Publ., Fredericksburg, TN. [Atlas with TRS grids, roads, and streams.]
- Board, V. V., C. Allen, and A. Reeves. 1993. Botanical inventory of a cypress-tupelo swamp. *Proc. Ark. Acad. Sci.* 47:20-22.
- Board, V. V., A. Reeves, and C. Allen. 1993. A three-year study on a cypress-tupelo swamp in Independence County, Arkansas. *Proc. Ark. Acad. Sci.* 47:126-128.
- Bogle, A. L. 1970. The genera of Molluginaceae and Aizoaceae in the southeastern United States. *J. Arnold Arboretum* 51:431 - 453.
- BONAP, Biota of North America. 1998. A synonymized checklist of the vascular flora of the United States, Puerto Rico, and the Virgin Islands. Synthesis of the North American Flora, 1999. [http://www.csd.tamu.edu/flora1998/b98/check98.htm].
- Bray, J. R. 1996. Microhabitat diversity of *Trichomanes petersii* in Arkansas. *Amer. Fern J.* 86:125-126.
- Bray, J. R. 1996. *Pulhinhaea cernua* new to Arkansas. *Amer. Fern J.* 86:124.
- Bray, J. R. and D. L. Marsh. 1993-1994. Bog clubmosses (*Lycopodiella Holub*) in southern Arkansas. *Henderson State University Academic Forum* 11:51-54.
- Bray, J. R. and D. L. Marsh. 1993. Additional occurrences of the bog clubmosses in southern Arkansas. *Proc. Ark. Acad. Sci.* 47:131-132.
- Bray, J. R., G. A. Whitehead, D. L. Marsh, D. W. McMasters, and W. D. Crank. 1994. Bryophyte and pteridophyte distribution records of southern Arkansas. *Proc. Ark. Acad. Sci.* 48:239-241.
- Bridges, E. L. 1986. Population inventory and monitoring of *Geocarpon minimum* at Warren Prairie Natural Area. Report to Arkansas Natural Heritage Commission, Little Rock, AR. 30 pp.
- Bridges, E. L. and S. L. Orzell. 1989. Book Review: An atlas and annotated list of the vascular plants of Arkansas, second edition. *Sida* 13:391-392.
- Brooks, R. E. 1980. *Phyllanthus polygonoides* (Euphorbiaceae) new to Arkansas. *Sida* 8(3):315.
- Brown, C. A. 1986. The Uncommon Bodark". *Arkansas Times* 12(5):50-55.
- Brown, L. E. and R. D. Thomas. 1992. *Isoetes engelmannii* (Isoetaceae) and *Juncus trigonocarpus* (Juncaceae) new to Arkansas. *Sida* 15:162.
- Bryson, C. T., R. Carter, L. B. McCarty, and F. H. Yelverton. 1997. *Kyllinga*, a genus of neglected weeds in the continental United States. *Weed Technology* 11:838-842.
- Bryson, C. T., J. R. MacDonald, R. Carter, and S. D. Jones. 1996. Noteworthy *Carex*, *Cyperus*, *Eleocharis*, *Kyllinga*, and *Oxycaryum* (Cyperaceae) from Alabama, Arkansas, Georgia, Louisiana, Mississippi, North Carolina, Tennessee, and Texas. *Sida* 17(2):501-518.
- Bryson, C. T., R. F. C. Naczi, and S. McDaniel. 1992. Notes on noteworthy records of *Carex* (Cyperaceae) from the southeastern United States. *Sida* 15:125-135.
- Bukenhofer, G. A. and L. D. Hedrick. 1997. Shortleaf pine/bluestem grass ecosystem renewal in the Ouachita Mountains. Pp. 509-515, in *Trans. 62nd North Amer. Wildl. and Natur. Resour. Confr.*
- Burnett, A. W. and S. A. Schuman. 1983. Alluvial-river response to neotectonic deformation in Louisiana and Mississippi. *Science* 222:49-50.
- Cain, M.D. and M. G. Shelton. 1994. Indigenous vegetation in a southern Arkansas pine-hardwood forest after a half century without catastrophic disturbances. *Nat. Areas J.* 14:165-174.
- Cain, M. D. and M. G. Shelton. 2000. Survival and growth of *Pinus echinata* and *Quercus* seedlings in response to simulated summer and winter prescribed burns. *Canad. J. For. Res.* 30:1830-1836.
- Campbell, J. C., L. Peacock, and S. A. Walker. 1997. Final Report, Pine Bluff Arsenal, Survey of threatened and endangered plants, vegetation, and natural areas. Report by Arkansas Field Office, The Nature Conservancy, Little Rock, AR, submitted to C. M. Becker, Natural

- Resources Specialist, Pine Bluff Arsenal, Jefferson, AR.
- Campbell, J. J. N. 1995. New combinations in eastern North American *Elymus* (Poaceae). *Novon* 5(2):128.
- Cantino, P. D. 1982. A monograph of the genus *Physostegia* (Labiatae). *Contr. Gray Herb.* 211:1-105.
- Carter, R., M. W. Morris, and C. T. Bryson. 1990. Some rare or otherwise interesting vascular plants from the Delta region of Mississippi. *Castanea* 55:40-55.
- Carulli, J. P., A. O. Tucker, and N. H. Dill. 1988. *Aeschynomene rudis* Benth. (Fabaceae) in the United States. *Bartonia* 54:18-20.
- Catling, P. M. 1983. *Spiranthes ovalis* var. *erostellata* (Orchidaceae), a new autogamous variety from the eastern United States. *Brittonia* 35(2):120-125.
- Chester, E. W., B. E. Wofford, R. Kral, H. R. DeSelm, and A. M. Evans. 1993. Atlas of Tennessee Vascular Plants. Vol. 1: Pteridophytes, Gymnosperms and Angiosperms: Monocots. Misc. Publ. No. 9, Center for Field Biology, Austin Peay State University, Clarksville, TN.
- Chester, E. W., B. E. Wofford, and R. Kral. 1997. Atlas of Tennessee Vascular Plants. Vol. 2: Angiosperms: Dicots. Misc. Publ. No. 13, Center for Field Biology, Austin Peay State University, Clarksville, TN.
- Christensen, N. L. (undated). Fire regimes in southwestern ecosystems. Unpublished manuscript. Filed with Arkansas Natural Heritage Commission, Little Rock, AR.
- Corbet, J. J. 1966. The Arkansas Grand Prairie: delineation and resource use of an agricultural region. Ph. D. dissertation, University of Florida, Gainesville, FL.
- Coville, F. V. and J. C. Branner. 1891. A list of the plants of Arkansas. Source unknown. Xeroxed list at Arkansas Natural Heritage Commission, Little Rock, AR.
- Croneis, C. 1930. Geology of the Arkansas Paleozoic Era. Bull. 3, Ark. Geol. Survey, Little Rock, AR. 457 pp.
- Culwell, D. E. 1991. The vascular flora of Perry County, Arkansas: A progress report. *Proc. Ark. Acad. Sci.* 45:121.
- Culwell, D. E. 1994. Large populations of *Pilularia americana* in Arkansas. *Amer. Fern J.* 84:133.
- Dale, E. E., Jr. 1976. Vegetations on selected sites. Pp. 190-263, in Babcock, R. E. Buffalo National River Ecosystems, Part II. Water Resources Center Publ. No. 38, Univ. Arkansas, Fayetteville, AR.
- Dale, E. E., Jr. 1987. Identification of poisonous plants in Arkansas. Pp. 10-18, in Materials Toxic to Cattle. The King Workshop. Arkansas Agricultural Experiment Station Bull. Spec. Rept. 123, Division of Agriculture, University of Arkansas, Fayetteville, AR.
- Dale, E. E. Jr. 1998. The effects of fire on oak sprout regeneration at Pea Ridge National Military Park, Arkansas. Final Report, prepared for Pea Ridge National Park, National Park Service, US Dept. Interior. 47 pp.
- Dale, E. E., Jr. 1998. Evaluation of vegetation in Bayou Meto Game Management Area. In: D. C. Wolf, M. A. Gross, and J. M. Murdoch [eds.] Nevins Creek Wetland Mitigation Project RC-9603. Final Report, prepared for Arkansas State Highway and Transportation Department, Little Rock, AR.
- Dale, E. E., Jr. 1998. Recommendations for establishment of wetland tree species at the Nevins Creek Mitigation site. In: D. C. Wolf, M. A. Gross, and J. M. Murdoch [eds.] Nevins Creek Wetland Mitigation Project RC-9603. Final Report, prepared for Arkansas State Highway and Transportation Department, Little Rock, AR.
- Dale, E. E., Jr. and S. A. Ware. 1999. Analysis of oak-hickory-pine forests of Hot Springs National Park in the Ouachita Mountains, Arkansas. *Castanea* 64:163-174.
- Dane, C. H. 1929. Upper Cretaceous formations of southwestern Arkansas. *Ark. Geol. Surv. Bull.* 1. 215 pp.
- Dane, F. 1997. Evaluation of the genetic diversity in *Castanea pumila* var. *ozarkensis* through isozyme and DNA amplification fingerprinting. Unpublished report submitted to Arkansas Natural Heritage Commission, Little Rock, AR. 10 pp.
- Dane, F. 1998. Genetic variation and population genetic structure of the Ozark chinkapin (*Castanea pumila* var. *ozarkensis*). Unpublished report submitted to Arkansas Natural Heritage Commission, Little Rock, AR. 18 pp.
- Daniels, C. 2001. Original general land office survey notes and plats for the state of Arkansas, 1815-present. Commissioner of State Lands Office, Little Rock, AR. [12 disk CD-ROM set.]
- Davis, M. B. 1993. Old growth in the East: a survey. Wild Earth Publication, Cenozoic Society, Richmond, VA. 150 pp.
- Delahoussaye, J. A. and J. W. Thieret. 1967. *Cyperus* subgenus *Kyllinga* (Cyperaceae) in the continental United States. *Sida* 3:128-136.
- Delcourt, H. R. and P. A. Delcourt. 1991. Late-Quaternary vegetation history of the Interior Highlands of Missouri, Arkansas, and Oklahoma. Pp. 15-30, in Henderson and Hedrick, eds. Restoration of Old Growth Forests in the Interior Highlands of Arkansas and Oklahoma, Proc. of Confer., Ouachita National Forest and Winrock International Institute for Agricultural Development, Hot Springs, AR.
- DeLorme. 1997. Arkansas atlas and gazetteer. DeLorme, Yarmouth, ME.
- DeSelm, H. R. 1986. Natural forest openings on uplands of the eastern United States. Pp. 366-375, in D. L. Kulhavy and D. N. Conner, eds. Wilderness and natural area in the eastern United States: a management challenge. Stephen F. Austin State University, Nacogdoches, TX.
- Diggs, G. M., B. L. Lipscomb, and R. J. O'Kennon. 1999. Shinners and Mahler's Illustrated flora of North Central Texas. Botanical Research Institute of Texas, Fort Worth, TX.
- Dougan, M. B., T. W. Dillard, and T. G. Nutt. 1995. Arkansas History: An annotated bibliography. Bibliographies of the States of the United States, No. 5, Greenwood Press, Westport, Connecticut. 365 pp.
- Dressel, A. T. 1986. The rich virgin forests of the 1800's—How they helped build our country. *Ouachita County Historical Quarterly* 17(March):4-14.
- du Pratz, M. Le Page. 1774. The history of Louisiana. J. G. Tregle, ed. [English translation of original French text]. Facsimile reprint, 1975. Louisiana Revolution Bicentennial Comm., LSU Press, Baton Rouge, LA. 405 pp.
- Eggers Ware, D. M. 1983. Genetic fruit polymorphism in North American *Valerianella* (Valerianaceae) and its taxonomic implications. *Syst. Bot.* 8:33-44.
- Eliasson, U. H., H. W. Keller, and J. A. Hutchison. 1988. Myxomycetes from Arkansas. *Mycotaxon* 2:375-398.
- Erickson, R. G. 1989. Rediscovery of *Halesia diptera* Ellis (Styracaceae) in Arkansas. *Proc. Ark. Acad. Sci.* 43:118.
- Eyster-Smith, N. M. 1985. Tallgrass Prairies: an ecological analysis of 77 remnants. Ph. D. dissertation, University of Arkansas, Fayetteville, AR.
- Farrar, D. R. 1990. Species and evolution in asexually reproducing independent fern gametophytes. *Syst. Bot.* 15:98-111.
- Farrar, D. R. 1992. *Trichomanes intricatum*: The independent *Trichomanes* gametophyte in the eastern United States. *Amer. Fern J.* 82:68-74.
- Farrar, D. R. 1998. The tropical flora of rockhouse cliff formations in the eastern United States. *J. Torrey Bot. Soc.* 125:91-108.
- Fassett, N. C. 1942. Mass collections: *Oxalis violacea*. *Castanea* 7:31-38.
- FNA, Flora of North America Editorial Committee. 1993+. Flora of North America North of Mexico. Oxford University Press, NY. [Multi-volume work, presently Vols. 1-3, & 22 published of a projected 30 volume sequence].
- Ford, B. A., D. A. R. McQueen, R. F. C. Naczi, and A. A. Reznicek. 1998. Allozyme variation and genetic relationships among species in the *Carex willdenowii* complex (Cyperaceae). *Amer. J. Bot.* 85:546-552.
- Foti, T. 1971. The Grand Prairie. *Ozark Society Bulletin* 5:6-11.

Arkansas Field Botany (Flora and Vegetation) Bibliography (1988-2000)

- Foti, T. 1976. Arkansas: Its Land and People. Arkansas Dept. Education, Environment and Conservation Office, Little Rock, AR.
- Foti, T. L. 1988. Those mysterious blacklands. Aboard the Ark, The Arkansas Nature Conservancy Newsletter. Summer 1988. Little Rock, AR. Pp. 1-2.
- Foti, T. L. 1989. Blackland Prairies of southwestern Arkansas. Proc. Ark. Acad. Sci. 43:23-28.
- Foti, T. L. 1990. The vegetation of Saratoga Landing Blackland Prairie. Proc. Ark. Acad. Sci. 44:40-43.
- Foti, T. L. 1993. The river's gifts and curses. Pp. 30 - 57, in J. Wayne and W. B. Gatewood, eds. The Arkansas Delta, land of paradox. Univ. Arkansas Press, Fayetteville, AR. 321 pp.
- Foti, T. L., M. Blaney, X. Li., and K. G. Smith. 1994. A classification system for the natural vegetation of Arkansas. Proc. Ark. Acad. Sci. 48:50-62.
- Foti, T. L. and G. A. Bukenhofer. 1998. A description of the sections and subsections of the Interior Highlands of Arkansas and Oklahoma. J. Ark. Acad. Sci. 52:53-62.
- Foti, T. L. and G. A. Bukenhofer. 1999. Chapter 1: Ecological classification of the highlands. In USDA, Forest Service. Ozark-Ouachita Highlands Assessment: V. Terrestrial vegetation and wildlife. 5 vols. Southern Region, USDA, Forest Service, Southern Research Station, Gen. Tech. Rept. SRS-35.
- Foti, T. L. and M. S. DeVall. 1994. Herbaceous plant diversity of stands in the Ouachita and Ozark National forests. Pp. 50-60, in J. B. Baker. Proc. Symposium on Ecosystem Management Research in the Ouachita Mountains: pretreatment conditions and preliminary findings, October 26-27, 1993, Hot Springs, AR. Gen. Tech. Rept. SO-112. New Orleans, LA. USDA, Forest Service, Southern Forest Research Station. 259 pp.
- Foti, T. L. and S. M. Glenn. 1991. The Ouachita Mountain landscape at the time of settlement. Pp. 49-65, in Henderson, D. and L. D. Hedrick, eds. Restoration of old growth forests in the Interior Highlands of Arkansas and Oklahoma. Ouachita National Forest and Winrock International Institute for Agricultural Development, Hot Springs, AR.
- Foti, T. L. and J. M. Guldin. 1994. Multivariate analysis of the ground cover layer, shrub layer, midstory, and overstory of the Ouachita/Ozark national forests. Pp. 61 - 73, in J. B. Baker. Proc. Symposium on ecosystem management research in the Ouachita Mountains: pretreatment conditions and preliminary findings, October 26-27, 1993, Hot Springs, AR. Gen. Tech. Rept. SO-112. New Orleans, LA. USDA, Forest Service, Southern Forest Research Station. 259 pp.
- Foti, T. L. and G. Hanson. 1992. Arkansas and the Land. University of Arkansas Press, Fayetteville, AR.
- Foti, T. L., L. L. Richards, J. Andre, and J. E. Voeller. 1999. Chapter 2: Prehistoric and historic changes. In USDA, Forest Service. Ozark-Ouachita Highlands Assessment: V. Terrestrial vegetation and wildlife. 5 vols. Southern Region, USDA, Forest Service, Southern Research Station, Gen. Tech. Rept. SRS-35.
- Fountain, M. S. 1991. Tree and non-tree dimensions of an old-growth short-leaf pine stand: Lake Winona research natural area. Pp. 147-152, in Henderson, D. and L. D. Hedrick, eds. Restoration of old growth forests in the Interior Highlands of Arkansas and Oklahoma - Proceedings of the Conference. Ouachita National Forest and Winrock International Institute for Agricultural Development, Hot Springs, AR.
- Fountain, M. S. and J. M. Swenney. 1987. Ecological assessment of the Lake Winona Research Natural Area. USDA, Forest Service, Southern Forest Experiment Station. New Orleans, LA. Research Paper SO-235. 14 pp.
- Fountain, M. S. and R. L. Willett. 1980. Status of wild American ginseng in Arkansas. Arkansas Farm Research, Univ. Ark. Agr. Expt. Stat., Jan.-Feb., 1980. P. 4.
- Fuller, M. L. 1912. The New Madrid earthquake. Government Printing Office, Washington, DC. 64 pp.
- Gandhi, K. N. and R. D. Thomas. 1989. Asteraceae of Louisiana. Sida, Botanical Miscellany No. 4. SMU Herbarium, Dallas, TX. 202 pp.
- Gandy, L. C., C. R. Britton, R. S. Caldwell, R. K. Ford, C. R. Laurin, R. E. McDaniel, S. Noland, C. S. Spears, J. L. Spellman, and G. E. Tucker. 1993. Mount Magazine State Park, Final Environmental Impact Statement, FTN Associates, Ltd., Little Rock, AR. 468 pp.
- Garren, K. H. 1943. Effects of fire on vegetation of the southeastern United States. Bot. Rev. 19:617-654.
- Gerstacker, F. [trans. and ed. by J. W. Miller] 1991. In the Arkansas backwoods: tales and sketches. Univ. Missouri Press, Columbia, MO.
- Getz, M. E. 1994. Vascular flora of Camp Joseph T. Robinson Military Base North Little Rock, Arkansas. M. S. thesis, University of Central Arkansas, Conway, AR.
- Godt, M. J. and J. L. Hamrick. 1995. Allozyme diversity in the endangered shrub *Lindera melissifolia* (Lauraceae) and its widespread cogener, *L. benzoin*. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR. 28 pp.
- Golden, T. A. 1999. Noteworthy plants of southwestern Arkansas. Henderson State University J. 1999 Ark. Underg. Res. Conf. & Space Grant Symp. Pp. 83-87.
- Golden, T. A. and D. L. Marsh. 1999. Variation in *Sphaerocarpos* (Marchantiopsida) in Arkansas. J. Ark Acad. Sci. 53:144.
- Goldman, D. H. 1995. A new species of *Calopogon* from the midwestern United States. Lindleyana 10:37-42.
- Gould, F. W. 1975. The grasses of Texas. Texas A & M University Press, College Station, TX. 653 pp.
- Graham, A. 1999. Late Cretaceous and Cenozoic history of North American vegetation. Oxford Univ. Press, NY. 350 pp.
- Graney, D. G. and E. R. Ferguson. 1971. Site-quality relationships for short-leaf pine in the Boston Mountains of Arkansas. Forest Science 17: reprint not page numbered.
- Great Plains Flora Association. 1986. Flora of the Great Plains. University Press of Kansas, Lawrence, KS.
- Gregg, H. R. and R. K. Weldon. 1935. A census of woody plants at Hot Springs National Park Auto Camp. Hot Springs National Park. Natural History Notes 2:1-3.
- Guldin, J. M., J. B. Baker, and M. G. Shelton. 1994. Midstory and overstory plants in mature pine/hardwood stands of the Ouachita/Ozark national forests. Pp. 29-49, in J. B. Baker. Proc. symposium on ecosystem management research in the Ouachita Mountains: pretreatment conditions and preliminary findings, October 26-27, 1993, Hot Springs, AR. Gen. Tech. Rept. SO-112. USDA, Forest Service, Southern Forest Research Station, New Orleans, LA. 259 pp.
- Guldin, J. M. and E. F. Loewenstein. 1999. Chapter 4: Silvicultural practices. In USDA, Forest Service. Ozark-Ouachita Highlands Assessment: V. Terrestrial vegetation and wildlife. 5 vols. Southern Region, USDA, Forest Service, Southern Research Station, Gen. Tech. Rept. SRS-35.
- Guldin, J. M., F. R. Thompson, L. L. Richards, and K. C. Harper. 1999. Chapter 3: Status and trends of vegetation. In USDA, Forest Service. Ozark-Ouachita Highlands Assessment: V. Terrestrial vegetation and wildlife. 5 vols. Southern Region, USDA, Forest Service, Southern Research Station, Gen. Tech. Rept. SRS-35.
- Haley, B. R., E. E. Glick, W. V. Bush, B. F. Clardy, C. G. Stone, M. B. Woodward, and D. L. Zachry. 1976. Geologic map of Arkansas. Arkansas Geological Commission and U. S. Geological Survey, Little Rock, AR.
- Halls, L. K. and T. H. Ripley (eds.) 1961. Deer browse plants of southern forests. U. S. Forest Serv. South and Southeast Forest Expt. Stations. 78 pp.
- Hardcastle, E. 1993. A natural area inventory of Lonoke County and ecological survey of Indian Lake Barrens. M. S. thesis, University of

- Arkansas, Fayetteville, AR.
- Hardcastle, E. and D. X. Williams. 2000. *Ptilimnium nodosum*, Arkansas status report 2000. Unpublished report submitted to the Arkansas Natural Heritage Commission, Little Rock, AR. 46 pp.
- Hargis, A. E. 1995. A comparative study of the flora, fauna, and water quality of springs in the Ozark National Forest, Arkansas. Coop. Unit Publ. No. 25. Arkansas Cooperative Research Unit and University of Arkansas, Fayetteville, AR.
- Hargis, A. E. 1995. A comparative study of the flora, fauna, and water quality of springs in the Ozark National Forest, Arkansas. M. S. thesis, University of Arkansas, Fayetteville, AR.
- Harper-Lore, B. L., and M. Wilson. 2000. Roadside use of native plants. Island Press, Washington, DC.
- Hattenbach, M. J., D. Zollner, and S. Simon. 2000. Arkansas Blackland ecosystem assessment. Unpublished report, submitted by Arkansas Field Office, The Nature Conservancy, Little Rock, AR, to Arkansas Natural Heritage Commission, Little Rock, AR. 30 pp. + appendices.
- Hawkins, T. K. and E. L. Richards. 1995. A floristic study of two bogs on Crowley's Ridge in Green County, Arkansas. *Castanea* 60:233-244.
- Hays, J. F. 1998. *Agalinis* (Scrophulariaceae) in the Ozark highlands. *Sida* 18:555-577.
- Hays, J. F. 2000. A survey of southern Arkansas for species of the plant genus *Agalinis* Raf. (Scrophulariaceae). Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Hedrick, L. 2000. A perspective on vegetational change in the Ouachita Mountains. Article prepared for USFS employee newsletter. Repository, Arkansas Natural Heritage Commission, Little Rock, AR.
- Heikens, A. L. 1999. Savannas, barrens, and glade communities of the Ozark Plateaus Province. Pp. 220-230, in Anderson, R. C., J. S. Fralish, and J. M. Baskin. (Eds.) Savannas, Barrens, and Rock Outcrop Communities of North America. Cambridge University Press, NY.
- Henderson, D. and L. D. Hedrick, eds. 1991. Restoration of old growth forests in the Interior Highlands of Arkansas and Oklahoma - Proceedings of the Conference. Ouachita National Forest and Winrock International Institute for Agricultural Development. Univ. Chicago Press., Chicago, IL.
- Hess, W. J. and N. A. Stoyanoff. 1998. Taxonomic status of *Quercus acerifolia* (Fagaceae) and a morphological comparison of four members of the *Quercus shumardii* complex. *Systematic Botany* 23:89-100.
- Hinterthuer, B. 1999. Survey of *Ptilimnium nodosum*. Unpublished report submitted to the Arkansas Natural Heritage Commission, Little Rock, AR. 33 pp.
- Hoagland, B. W., I. H. Butler, and F. L. Johnson. 1999. The Cross Timbers. Pp. 231-248, in Anderson, R. C., J. S. Fralish, and J. M. Baskin. (Eds.) Savannas, Barrens, and Rock Outcrop Communities of North America. Cambridge University Press, NY.
- Hoffman, R. and K. Kearns, eds. 1997. Wisconsin manual of control recommendations for ecologically invasive plants. Bureau of Endangered Resources, Dept. Natural Resources, Madison, WI. 102 pp.
- 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, Bronx, NY.
- Hooyschuur, E. 1990. Electrophoretic analysis of genetic variation among clones and populations of pondberry, *Lindera melissifolia*. M. S. thesis, University of Central Arkansas, Conway, AR.
- Hornberger, K. L. 1987. Systematics of the genus *Sisyrinchium* (Iridaceae) in the Southeastern United States. Ph. D. dissertation, University of Arkansas, Fayetteville, AR.
- Hornberger, K. L. 1991. The blue-eyed-grasses (*Sisyrinchium*: Iridaceae) of Arkansas. *Sida* 14(4):597-604.
- Hosman, R. L. 1982. Outcropping Tertiary units in southern Arkansas. USGS, Miscellaneous Investigations Series, MAP I-1405. United States Geological Survey, Denver, CO.
- Hudson, E. 1996. Report on *Juglans cinerea* (butternut). Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Hunter, C. G. 1989. Trees, Shrubs, and Vines of Arkansas. Ozark Society Foundation, Little Rock, AR.
- Hunter, C. G. 1995. Autumn leaves and winter berries in Arkansas. Ozark Society Foundation, Little Rock, AR.
- Hurst, H. R., B. A. Huey, and R. J. Smith. 1974. Weeds of Arkansas rice fields. Pp. 122-123, in Proc. 27th Annual Meeting Southern Weed Science Society.
- Hyatt, P. E. 1991. A survey of the vascular flora of Baxter County, Arkansas. M. S. thesis, University of Arkansas, Fayetteville, AR.
- Hyatt, P. E. 1993. A survey of the vascular flora of Baxter County, Arkansas. *Castanea* 58:115-140.
- Hyatt, P. E. 1994. Significant Collections. *Castanea* 59:78-79. [*Carex davisii*, new to Arkansas, and notes on *Waldsteinia fragarioides*.]
- Hyatt, P. E. 1997. Conservation assessment for *Prenanthes barbata* (T. & G.) Milstead. Prepared for Kisatchie National Forest, U.S. Forest Service (Louisiana).
- Hyatt, P. E. 1998. Arkansas *Carex* (Cyperaceae): a briefly annotated list. *Sida* 18:535-554.
- Hyatt, P. E. 1998. *Carex* (Cyperaceae) of the Buffalo National River (Arkansas): a preliminary list. *Castanea* 63:174-179.
- Hyatt, P. E. 2001. European chickweed invades Arkansas. *Claytonia* 21(3):6-7.
- Iltis, H. H. 1955. A botanical excursion to the Buffalo River Valley and Jasper, Newton County, northwest Arkansas: A botanical commentary. 20 pp. Field Trip Handout, Southwestern Association of Naturalists Annual Meeting and Foray. University of Arkansas, Fayetteville, AR.
- Isely, D. 1990. Leguminosae (Fabaceae). Vol. 3, Part 2, Vascular Flora of the Southeastern United States. University of North Carolina Press, Chapel Hill, NC.
- Isely, D. 1998. Native and Naturalized Leguminosae (Fabaceae) of the United States (exclusive of Alaska and Hawaii). Monte L. Bean Life Science Museum, Brigham Young University, Provo, Utah.
- Ison, C. F. 1996. Vascular flora of St. Francis National Forest of Arkansas. *Castanea* 61:49-61.
- James, D. and J. Neal. 1986. Arkansas Birds: Their distribution and abundance. University of Arkansas Press, Fayetteville, AR.
- Jansma, J. and H. Jansma. 1991. George Engelmann in Arkansas Territory. *Arkansas Historical Quarterly* 50:225-248.
- Jansma, J. and H. Jansma. 1992. Engelmann revisits Arkansas, The new state. *Arkansas Historical Quarterly* 51:328-356.
- Jenkins, S. E., R. Guyette, and A. J. Rebertus. Undated. Vegetation-site relationships and fire history of a savanna-glade-woodland mosaic in the Ozarks. Unpublished report to National Park Service. Repository, Arkansas Natural Heritage Commission, Little Rock, AR.
- Jenkins, S. E. and M. A. Jenkins. 1996. Savanna and glade vegetation of Turkey Mountain, Arkansas: effects of a single prescribed burn. Unpublished report to the National Park Service, Harrison, AR. 30 pp.
- Johnson, G. P. 1992. Noteworthy collections - Arkansas: *Quercus shumardii* Buckl. var. *acerifolia* Palmer (Fagaceae). *Castanea* 57:150-151.
- Johnson, G. P. 1994. *Quercus shumardii* Buckl. var. *acerifolia* Palmer (Fagaceae). *Castanea* 59:78.
- Johnson, G. P. 1999. Leaf and fruit variability in the maple-leaved oak, *Quercus shumardii* Buckl. var. *acerifolia* Palmer (Fagaceae). *Castanea* 64:194-199.
- Johnson, G. P. 2000. An addition and a deletion to the Orchidaceae of Arkansas. *North American Native Orchid Journal* 6(2):140-141.
- Jones, S. D. 1994. A new species of *Carex* (Cyperaceae): *Phaestoglochin* from Oklahoma and Texas; typification of section *Phaestoglochin*, and notes on sections *Bracteosae* and *Phaestoglochin*. *Sida* 16:341-353.
- Jones, S. D. and A. A. Reznicek. 1995. *Carex conjuncta* (Cyperaceae) verified

- for Arkansas, and notes on the range of *Carex oklahomensis*. Sida 16(4):772-774.
- Kartesz, J. T. and C. A. Meacham. 1999. Synthesis of the North American Flora, Version 1.0 North Carolina Botanical Garden, Chapel Hill. [CD-ROM].
- Kellum, J. E., E. Sundell, and B. R. Lockhart. 1997. Ground flora composition following harvesting of a bottomland hardwood forest in the Mississippi River batture lands. J. Ark. Acad. Sci. 51:199-203.
- Keys, J. E., Jr., C. A. Carpenter, S. L. Hooks, F. G. Koenig, W. H. McNab, W. E. Russell, and M.-L. Smith. 1995. Ecological units of the eastern United States: first approximation. USDA, Forest Service, Atlanta, GA. 82 pp. [map and booklet of map unit tables].
- Kinch, J. A. 1996. The thin black crust. Nature Conservancy; July/August 1996. Pp. 8-9.
- Kluender, R. A., L. C. Thompson, and G. W. Callahan. 1988. Analysis of wildfire occurrence in southeastern Arkansas, 1984-1987. Proc. Ark. Acad. Sci. 42:48-51.
- Kluender, R. A., L. C. Thompson, R. J. McFarland, and D. M. Seigerwald. 1989. Arkansas incendiary wildfire record: 1983-1987. Proc. Ark. Acad. Sci. 43:49-51.
- Kluender, R. A. and R. L. Willett. 1988. Arkansas timber resource: yesterday, today, and tomorrow. Proc. Ark. Acad. Sci. 42:48-51.
- Kral, R. 1966. Observations on the flora of the southeastern United States with special reference to northern Louisiana. Sida 2:395-408.
- Kral, R. 1973. Some notes on the flora of the southern states, particularly Alabama and middle Tennessee. Rhodora 75:366-410.
- Kral, R. 1981. Further additions to some notes on the flora of the southern states, particularly Alabama and middle Tennessee. Rhodora 83:301-315.
- Kral, R. 1981. Some distributional reports of weedy or naturalized foreign species of vascular plants for the southern United States, particularly Alabama and middle Tennessee. Castanea 46:334-339.
- Kral, R. and V. Bates. 1991. A new species of *Hydrophyllum* from the Ouachita Mountains of Arkansas. Novon 1:60-66.
- Kucera, C. L. 1998. The grasses of Missouri. University Missouri Press, Columbia, MO. 305 pp.
- Kurz, D. 1999. Ozark Wildflowers. A field guide to common Ozark Wildflowers. Falcon Pub., Co., Billings and Helena, Montana.
- Kurz, D. and S. E. Orsell. 1984. Ozark Swamps. Missouri Conservationist. August 1984, pp. 4-8.
- Kyzer, J. W. and D. L. Marsh. 1999. Occurrences of *Petalophyllum* (Fossombroniaceae) in the Interior Highlands of Arkansas. J. Ark. Acad. Sci. 53:145-146.
- Ladd, D. 2000. Lichens of Pine Bluff Arsenal, Arkansas. Unpublished report to Department of Defense. Repository, Arkansas Natural Heritage Commission, Little Rock, AR.
- Ladd, D. and P. Nelson. 1982. Ecological synopsis of Missouri glades. Missouri Academy of Science Occ. Paper #7:1-20. Proc. Cedar Glade Symposium (E. A. McGrimes, ed.). Kirksville, MO.
- Ladd, D. and F. Oberle. 1995. Tallgrass prairie wildflowers: a field guide. Falcon Press Publ. Co., Billings and Helena, MT. 264 pp.
- Langtree, C. 1849. Langtree's new sectional map of the State of Arkansas. G. McCowan, Little Rock, AR.
- Lee, J. 1976. Appearance of the Ouachita and Red River valleys to early Europeans. Ark. Archaeological Society Field Notes No. 141. Pp. 4-5.
- Leichty, H. O., M. G. Shelton, and E. R. Lawson. 1997. Variability in forest floor mass and nutrient concentration of mature pine-hardwoods in the Ouachita Mountains. J. Ark. Acad. Sci. 51:121-124.
- Lellinger, D. 1984. Ferns of North America. Smithsonian Institution, Washington, DC.
- Lesquereux, M. L. 1860. Recent botany and general distribution of the plants of Arkansas. Pp. 295-399, in D. D. Owen. Second report of a geological reconnaissance (sic) of the middle and southern counties of Arkansas made during the years 1859 and 1860. C. Sherman and Son, Printers. Philadelphia, PA. 433 pp.
- Lichtenberg, J. S. 1999. Trophic interactions in an Ozark forest ecosystem. M. S. thesis, University of Arkansas, Fayetteville, AR.
- Logan, J. M. 1992. The glades of Buffalo National River, Arkansas. M. S. thesis, Botany Department, Iowa State University, Ames, Iowa. 120 pp.
- Logan, J. M. 1994. A state record for *Cyperus grayoides* (Cyperaceae) in Arkansas. Sida 16:215-216.
- Logan, J. M. 1995. Site report, Dortch Woods. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Logan, J. M. 1996. Results of a field survey for *Cyperus grayoides* (Cyperaceae) in Arkansas. Sida 17:283-286.
- Logan, J. M. 1997. Report on *Calamagrostis porteri* ssp. *insperata* and *Calamovilfa arcuata* survey. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR. 31 pp.
- Logan, J. 1997. Report on *Silene ovata* survey. Unpublished report submitted to the Arkansas Natural Heritage Commission, Little Rock, AR. 27 pp.
- Long, A. A. 1989. Disjunct populations of the rare shrub *Neviusia alabamensis* Gray (Rosaceae). Castanea 54:29-39.
- Lowman, L. P. 1975. A preliminary investigation of plant distribution within Pinnacle Mountain State Park. Planning Dept., Ark. State Parks, Little Rock, AR. 27 pp, plus appendices.
- Lowman, L. P. 1980. Assessment of botanical communities on proposed phase I acquisition site adjoining Lake Poinsett State Park. Report submitted to Department of Planning, Arkansas State Parks, Little Rock, AR. 17 pp.
- Luckow, K. 2000. Effects of shortleaf pine-bluestem ecosystem restoration on soil quality on the Ouachita National Forest and implications for improved water quality and watershed condition. U. S. Forest Service draft soil monitoring report submitted to Arkansas Natural Heritage Commission, Little Rock, AR.
- MacRoberts, B. R., M. H. MacRoberts, L. M. Stacey, and D. C. Moore. 1998. The status of *Parnassia* (Saxifragaceae) in the west gulf coastal plain. Phytologia 83(1):53-57.
- MacRoberts, D. T. 1977. New combinations in *Tradescantia*. Phytologia 37(5):451-452.
- Magee, D. W. and H. E. Ahles. 1999. Flora of the Northeast. A manual of the vascular flora of New England and adjacent New York. University of Massachusetts Press, Amherst, MA.
- Marbut, C. F. 19-. Soil reconnaissance of the Ozark region of Missouri and Arkansas. USDA, Bureau of Soils, Washington, DC. [undated, unpaginated reprint]
- Marsh, D. L. 1960. Relationship of *Phlox oklahomensis* to *Phlox bifida* complex: Including a new subspecies of *Phlox bifida*. Trans. Kansas Acad. Sci. 63:12-18.
- Marsh, D. L. 1970. Observation of flowering in *Arundinaria gigantea* in Arkansas. Proc. Ark. Acad. Sci. 24:36-37.
- Marsh, D. L. 1971. Studies of *Arundinaria*: Experimental induction of flowering and additional observation in the field. Proc. Ark. Acad. Sci. 25:40-42.
- Marsh, D. L. 1986. The woodland trees of Clark County, Arkansas. Academic Forum 4:64-73.
- Marsh, D. L. 1998. Synopsis of Anthocerotales, Hepaticae, and Sphagna of Arkansas. Ark. Rare Plant Conf., Hot Springs National Park, August, 1998. 7 pp.
- Marsh, D. L. and K. D. Golden. 1988. Additional woodland trees of Clark County, Arkansas. Henderson State University Academic Forum 6:37-45.
- Marsh, D. L. and R. L. Golden. 1989. Occurrence of *Lepuropetalon spathulatum* and other interesting plants on a saline prairie remnant at Griffithtown, Arkansas. Henderson State University Academic Forum 7:62-65.
- Marsh, D. L. and T. A. Golden. 1996. Plantain sunflower (*Helianthus occi-*

- dentalis* subsp. *plantagineus*) in Arkansas. Proc. Ark. Acad. Sci. 50:131-132.
- Marsh, D. L., T. A. Golden, D. L. McDaniel, G. A. Nunley, and W. D. Crank. 1997. New records for the distribution of an unusual liverwort, *Petalophyllum ralfsi* (*Fossombroniaceae*). J. Ark. Acad. Sci. 51:204.
- Marsh, D. L. and B. A. Smith. 1993-1994. Honey locust relatives (*Gleditsia* L.) in Clark County, Arkansas. Henderson State University Academic Forum 11:17-20.
- Martin, W. H., S. G. Boyce, and A. C. Echternacht [eds.] 1993. Biodiversity of the Southeastern United States. Upland Terrestrial Communities. John Wiley & Sons, NY.
- Martin, W. H., S. G. Boyce, and A. C. Echternacht [eds.] 1993. Biodiversity of the Southeastern United States. Lowland Terrestrial Communities. John Wiley & Sons, NY.
- Martsoff, J. and R. Wright. 1991. Photosynthetic efficiency of drought-induced leaves in *Neviusia alabamensis*. Proc. Ark. Acad. Sci. 45:61-63.
- Masters, R. E. 1993. Effects of timber harvest and periodic fire on soil chemical properties in the Ouachita Mountains. So. J. App. For. 17(3):139-145.
- Mattoon, W. R. 1915. Life history of the shortleaf pine. Bull. 244. USDA, Washington, DC. 46 pp.
- Mayo, D. C. and P. L. Raines. 1978. Woody vegetation of the Crystal Mountains region. Proc. Ark. Acad. Sci. 40:48-51.
- McDaniel, D. L., D. L. Marsh, and W. D. Crank. 1997. Rediscovery of *Parnassia asarifolia* Vent. (Parnassiaceae) in Arkansas. J. Ark. Acad. Sci. 51:208-209.
- McInnis, N. C., L. M. Smith, and A. B. Pittman. 1993. *Geocarpon minimum* (Caryophyllaceae), new to Louisiana. Phytologia 75(2):159-162.
- Meanley, B. 1967. Champion cypress knees. Atlantic Naturalist, Audubon Naturalist Society of the Central Atlantic States, Inc. Vol. 22 (3): [unpagged reprint].
- Mohlenbrock, R. H. 1987. Alum Cove, Arkansas. Natural History. April 1987, pp. 60-62.
- Montgomery, G. L. 1976. Natural history themes and an inventory of natural areas in the Mississippi Alluvial Plain and adjacent East Gulf Coastal Plain. M. S. thesis, Louisiana State University, School of Forestry and Wildlife Management, Baton Rouge, LA.
- Moore, D. M. Undated. Some natural areas of Arkansas. Unpublished report, General Extension Service, Univ. of Arkansas, Fayetteville, AR. Repository, Ark. Dept. Natural Heritage, Little Rock, AR.
- Moore, P. D. 2000. A list of exotic plant species occurring in Arkansas. Unpublished report compiled by Arkansas State Highway and Transportation Dept., Little Rock, AR, in cooperation with The Nature Conservancy. 23 pp.
- Murphy, M. E. 1987. A survey of the vascular plants of Carroll County, Arkansas. M. S. thesis, Arkansas State University, College Station, AR. 58 pp.
- Murray, E. 1978. *Acer* Notes No. 8. *Kalmia* 8:17-20.
- Naczi, R. F. C. 1999. *Carex planispicata*, a widespread and frequent new species of *Carex* section *Griseae* (Cyperaceae) from the Eastern United States of America. J. Kentucky Acad. Sci. 60:37-44.
- Naczi, R. F. C. and C. T. Bryson. 1990. Noteworthy records of *Carex* (Cyperaceae) from the southeastern United States. *Bartonia* 56:49-58.
- Naczi, R. F. C., A. A. Reznicek, and B. A. Ford. 1998. Morphological, geographical, and ecological differentiation in the *Carex willdenowii* complex (Cyperaceae). *Amer. J. Bot.* 85:434-447.
- Nelson, J. B. and J. E. Fahey, III. 1979. Misapplication of the name *Stachys nuttallii* (Lamiaceae) to a new southeastern species. *Brittonia* 31(4):491-494.
- Nesom, G. L. 2000. Noteworthy collections from herbarium NCU. *Castanea* 65:80-83. [Reports state record of *Gamochoeta falcata* (Lam.) Cabrera (Asteraceae) from Arkansas.]
- NRCS, National Resources Conservation Service. 1999. The PLANTS database. [http://plants.usda.gov/plants]. USDA, National Plant Data Center, Baton Rouge, LA.
- Nuttall, T. [ed. Savoie Lottinville]. 1999. A journal of travels into the Arkansas Territory during the year 1819. Arkansas Classic, University of Arkansas Press, Fayetteville, AR. 361 pp.
- Omernick, J. M. 1986. Ecoregions of the United States. US Environmental Protection Agency, Corvallis, OR. [Map].
- Orzell, S. L. 1983. Natural area inventory and floristic analysis of fens in selected southeastern Missouri counties. M. S. thesis, Southern Illinois University, Carbondale, IL. 158 pp.
- Orzell, S. L. 1983. Notes on rare and endangered Missouri fen plants. *Trans. Missouri Acad. Sci.* 17:67-71.
- Orzell, S. L. 1984. Additional notes on rare, endangered, and unusual Missouri fen plants. *Trans. Missouri Acad. Sci.* 18:13-16.
- Orzell, S. L. 1984. Preliminary annotated checklist of plants from Garrison Fen, Fulton County, Arkansas. Rept. to Ark. Dept. Nat. Heritage. 3 pp.
- Orzell, S. L. 1984. Preliminary annotated checklist of plants from Graminoid Fen, Fulton County, Arkansas. Rept. to Ark. Dept. Nat. Heritage. 4 pp.
- Orzell, S. L. 1984. Plants observed at Rose Pogonia Preserve, Jefferson County, Arkansas. Rept. to Ark. Dept. Nat. Heritage. 1 p.
- Orzell, S. L. 1984. Preliminary annotated checklist of plants from Idlewild Wooded Acid Seep, Pulaski County, Arkansas. Rept. to Ark. Dept. Nat. Heritage. 4 pp.
- Orzell, S. L. 1984. Preliminary checklist of plants from Hell Creek Cave Area, Stone County, Arkansas. Rept. to Ark. Dept. Nat. Heritage. 2 pp.
- Orzell, S. L. 1984. Preliminary annotated checklist of plants from Hinson Road Wooded Acid Seep, Pulaski County, Arkansas. Rept. to Ark. Dept. Nat. Heritage. 4 pp.
- Orzell, S. L. 1984. Preliminary checklist of plants from Ten Mile Creek Wooded Acid Seep, Garland County, Arkansas. Rept. to Ark. Dept. Nat. Heritage. 3 pp.
- Orzell, S. L. 1984. Plant species of federal concern in Arkansas. Rept. to Ark. Dept. Nat. Heritage. 2 pp.
- Orzell, S. L. 1984. Endangered and threatened plants of Arkansas. Rept. to Ark. Dept. Nat. Heritage. 4 pp.
- Orzell, S. L. 1984. Moro Creek Bottoms, Cleveland and Calhoun counties, Arkansas, site descriptions and plant checklist. Rept. to Ark. Dept. Nat. Heritage. 6 pp.
- Orzell, S. L. 1984. Preliminary checklist of the plants of Roaring Branch Research Natural Area, Polk County, Arkansas. Rept. to Ark. Dept. Nat. Heritage. 4 pp.
- Orzell, S. L. 1985. Selected acid seep forests in the Ouachita National Forest: preliminary botanical assessment. Rept. to Ark. Dept. Nat. Heritage. 22 pp.
- Orzell, S. L. 1985. Preliminary annotated checklist of the flora of Granite Mountain Glade, Pulaski County, Arkansas. Rept. to Ark. Dept. Nat. Heritage. 9 pp.
- Orzell, S. L. 1985. Preliminary annotated checklist of the flora of a Ouachita Mountain Shale Glade, Montgomery County, Arkansas. Rept. to Ark. Dept. Nat. Heritage. 4 pp.
- Orzell, S. L. 1985. Preliminary annotated checklist of the flora of three novaculite glades in the Ouachita Mountains of Arkansas. Rept. to Ark. Dept. Nat. Heritage. 7 pp.
- Orzell, S. L. 1985. Site report for Moccasin Creek Fen, Marion County, Arkansas. Rept. to Ark. Dept. Nat. Heritage. 6 pp.
- Orzell, S. L. 1985. Report from the field. Arkansas Nature Conservancy Newsletter 4(1):6-7.
- Orzell, S. L. and D. Kurz. 1986. Floristic analysis of prairie fens in the southeastern Missouri Ozarks. Pp. 50-58, in G. C. Clamby and R. H. Pemble (eds.), Proc. Ninth North American Prairie Conference, North Dakota State Univ., Fargo, ND.
- Owen, D. D., R. Peters, M. L. Lesquereux, and E. Cox. 1860. Second report

- of a geological reconnaissance (sic) of the middle and southern counties of Arkansas made during years 1859 and 1860. C. Sherman and Son, Printers, Philadelphia. 433 pp.
- Owen, W. 1998. Conservation assessment for *Heuchera villosa* var. *arkansana*. Unpublished report submitted to Ouachita and Ozark-St. Francis National Forests, Arkansas.
- Owen, W. 1998. Conservation assessment for *Iris verna* L. on the Ouachita National Forest, Arkansas. Unpublished report submitted to Ouachita National Forest, Hot Springs, AR.
- Owen, W. 1998. Conservation assessment for *Polymnia cossatotensis*. Unpublished report submitted to Ouachita National Forest, Hot Springs, AR.
- Owen, W. 1998. Conservation assessment for *Waldsteinia fragarioides* (Michx.) Tratt. Barren Strawberry for the Ozark National Forest, Arkansas. Unpublished report submitted to Ouachita National Forest, Hot Springs, AR.
- Pagan, J. 1999. A report updating *Calopogon* sites in Arkansas. Unpublished report submitted to Arkansas Natural Heritage Commission, Little Rock, AR. 7 pp.
- Parman, D. L. 1998. Riding circuit in Arkansas, 1844-1845: an excerpt from the autobiography of Reverend William Graham. *Ark. Hist. Quart.* 57(3):309-339.
- Peck, J. H. 1999. *Salvinia minima* in Arkansas. *Amer. Fern J.* 89: 215-216.
- Peck, J. H. 2000. Floristic status of woodferns (*Dryopteris*) in Arkansas. *J. Ark. Acad. Sci.* 54:88-102.
- Peck, J. H., J. R. Bray, D. L. Marsh, D. W. McMasters, C. Amason, and W. D. Crank. 1995. *Psilotum nudum* new to Arkansas. *Amer. Fern J.* 85:71.
- Peck, J. H. and C. J. Peck. 1988. A bibliographic summary of Arkansas field botany. *Proc. Ark. Acad. Sci.* 41:58-73.
- Peck, J. H. and C. J. Peck. 1988. Distribution, abundance, status, and phytogeography of log ferns (*Dryopteris*: Woodsiaceae) in Arkansas. *Proc. Ark. Acad. Sci.* 41:74-78.
- Peck, J. H. and C. J. Peck. 1988. Seven clubmosses (*Lycopodium*) new to Arkansas. *Amer. Fern J.* 78:73-74.
- Peck, J. H., C. J. Peck, S. L. Orzell, E. Bridges, and C. Amason. 1987. Discovery of *Lycopodium* communities in the Gulf Coastal Plain region of Arkansas. *Proc. Arkansas Acad. Sci.* 41:112-113.
- Peck, J. H. and W. C. Taylor. 1995. Checklist and distribution of Arkansas pteridophytes. *Proc. Ark. Acad. Sci.* 49:130-137.
- Peck, J. H., C. T. Witsell, and E. Hendrix. 2000. *Dryopteris goldiana* and its hybrid with *D. celsa* new to Arkansas. *Amer. Fern J.* 90:110-111.
- Pecotte, A. J. 1981. Aspects of Crowley's Ridge in Arkansas. M. S. thesis, Texas A. & M. University, College Station, TX.
- Peitz, D. G., P. A. Tappe, and M. G. Shelton. 1997. Effects of retained pine and hardwood basal areas on percent cover of plants utilized by bobwhite quail. *J. Ark. Acad. Sci.* 51:144-149.
- Penick, J., Jr. 1976. The New Madrid earthquakes of 1811-1812. Univ. of Missouri Press, Columbia, MO. 181 pp.
- Phipps, J. B. 1990. *Mespilus canescens*, a new rosaceous endemic from Arkansas. *Syst. Bot.* 15:26-32.
- Pittman, A. B. 1988. Identification, survey, and evaluation of potential habitats of *Geocarpon minimum* Mackenzie in Arkansas. Report by Arkansas Natural Heritage Commission, Little Rock, AR. 111 pp.
- Pittman, A. B. 1992. Agency draft *Geocarpon minima* MacKenzie recovery plan. Prepared for and distributed by Southeast Region, US Fish and Wildlife Services, Jackson, MS. 49 pp.
- Pittman, A. B., V. Bates, and R. Kral. 1989. A new species of *Polymnia* (Compositae: Heliantheae) from the Ouachita Mountain Region of Arkansas. *Sida* 13:481-486.
- Prather, J. W., K. G. Smith, M. A. Mlodinow, and C. M. Riley. 2000. Characteristics of some fruiting plant species in northwest Arkansas and the avian assemblages that feed on them. *J. Ark. Acad. Sci.* 54:103-108.
- Priest, J. D. and R. Wright. 1991. Groundwater hydrology of a population of *Lindera melissifolia* in Arkansas. *Proc. Ark. Acad. Sci.* 45:84-87.
- Quinn, J. H. Undated. Prairie mounds in Arkansas. *Ark. Archeological Soc., Newsletter.* 3(6):1-7.
- Rabeler, R. K. and E. B. Smith. 1993. Noteworthy Collection: Arkansas. *Castanea* 58(2):156.
- Rabeler, R. K. and J. W. Thieret. 1988. Comments on the Caryophyllaceae of the southeastern United States. *Sida* 13:149-156.
- Rafferty, M. D. 1996. Rude pursuits and rugged peaks, Schoolcraft's Ozark Journal 1818-1819. Univ. Arkansas Press, Fayetteville, AR. 170 pp.
- Rebertus, A. J. and S. E. Jenkins. 1994. Savanna and glade vegetation of Turkey Mountain, Arkansas. Unpublished report submitted to National Park Service. Repository, Arkansas Natural Heritage Commission, Little Rock.
- Rebertus, A. J. and B. R. Burns. 1997. The importance of gap processes in the development and maintenance of oak savannas and dry forests. *J. Ecol.* 85:635-645.
- Rettig, J. H. 1987. *Carex* locations for Arkansas. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Reznicek, A. A. and P. W. Ball. 1980. The taxonomy of *Carex* section *Stellulatae* in North America north of Mexico. *Contr. Univ. Mich. Herb.* 14:153-203.
- Reznicek, A. A. and P. E. Hyatt. 1996. Conservation assessment for *Carex hyalina*. Report submitted to Kisatchie National Forest, Pineville, LA.
- Reznicek, A. A. and R. F. C. Naczi. 1993. Taxonomic status, ecology, and distribution of *Carex hyalina* (Cyperaceae). *Contr. Univ. Mich. Herb.* 19:141-147.
- Reznicek, A. A. and P. E. Rothrock. 1997. *Carex molestiformis* (Cyperaceae), a new species of section *Ovales* from the Ozark Mountain region. *Contr. Univ. Michigan Herb.* 21:299-308.
- Rhodes, J. D. and F. H. Tainter. 1980. Precipitation extremes and tree growth. Arkansas Farm Research, Univ. Arkansas Agric. Expt. Stat., Jan.-Feb., 1980. P. 12.
- Richardson, D. J., R. D. Wright, and S. Walker. 1990. Sexual dimorphism and intersexual differences in resource allocations of a dioecious shrub, *Lindera melissifolia* (Walt.) Blume. *Proc. Ark. Acad. Sci.* 44:100-103.
- Roberts, J. L. 1979. The Arkansas Blackland region. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR. 69 pp.
- Robertson, M. A. 1991. A native plant inventory and site analysis for Twentieth Century Gardens in Hot Springs, Arkansas. M.S. thesis, University of Arkansas, Fayetteville, AR.
- Robison, H. W. and R. T. Allen. 1995. Only in Arkansas: A study of the endemic plants and animals of the state. University of Arkansas Press, Fayetteville, AR. 121 pp.
- Robison, H. W. and T. Buchanan. 1988. Fishes of Arkansas. University of Arkansas Press, Fayetteville, AR.
- Robison, H. W. and K. L. Smith. 1982. The endemic flora and fauna of Arkansas. *Proc. Ark. Acad. Sci.* 36:52-57.
- Roedner, B. J., D. A. Hamilton, and K. E. Evans. 1978. Rare plants of the Ozark Plateau - a field identification guide. USDA, Forest Service, Northcentral Forest Experiment Station, St. Paul, MN. 238 pp.
- Rolinson, M. A. 1991. Environment and vegetation of the Bayou Bartholomew locality. Pp. 7-26, in *Archeology along Bayou Bartholomew*, Southeast Arkansas. *The Archeologist*, Vol. 32. Fayetteville, AR.
- Rothrock, P. E. 1991. The identity of *Carex albolutescens*, *C. festucacea*, and *C. longii* (Cyperaceae). *Rhodora* 93:51-66.
- Rothrock, P. E. and A. A. Reznicek. 1996. A new species of *Carex* section *Ovales* (Cyperaceae) occurring in the Ozark Mountain region. *Brittonia* 48(1):104-110.
- Rothrock, P. E. and A. A. Reznicek. 1998. Documented chromosome numbers 1998: 1. Chromosome numbers in *Carex* section *Ovales* (Cyperaceae): Additions, variations, and corrections. *Sida* 18:587-592.
- Rothrock, P. E. and A. A. Reznicek. 2001. The taxonomy of the *Carex bick-*

- nellii* group (Cyperaceae) and new species for central North America. *Novon* 11:205-228.
- Rouw, D. W. and G. P. Johnson. 1994. The vegetation of maple-leaved oak sites on Sugarloaf and Magazine Mountains, Arkansas. *Proc. Ark. Acad. Sci.* 48:154-157.
- Rowan, D. 1994. Rediscovery of *Trifolium stoloniferum* in Missouri. *Missouriensis* 15(2):1-5. Rowland, E. R. 1930. Life, letters, and papers of William Dunbar. *Miss. Hist. Soc.*, Jackson, MS.
- Runkle, J. R. 1991. Natural disturbance regimes and the maintenance of stable regional floras. Pp. 31-47, in Henderson and Hedrick, eds. Restoration of old growth forests in the Interior Highlands of Arkansas and Oklahoma - Proc. of the Confer. Ouachita National Forest and Winrock International Institute for Agricultural Development, Hot Springs, AR.
- Sagers, C. L. and J. Lyon. 1997. Gradient analysis in a riparian landscape: contrasts among forest layers. *Forest Ecology and Management* 96:13-26.
- Sagers, C. L., J. Lyon, and E. E. Dale, Jr. 1996. Physical factors, functional groups, and phytosociology. Pp. 44-45, in K. F. Steele [ed.] Evaluating plant communities in the riparian zone of the Buffalo National River. Arkansas Water Resources Center Publ. No. MSC-195.
- Saucier, R. T. 1994. Geomorphology and Quaternary geological history of the lower Mississippi Valley. U.S. Army Engineer Waterways Experiment Station. Vicksburg, MS. Vol. 1, 363 pp, plus appendices. Vol. 2, Atlas.
- Schauwecker, T. 1996. A comparison of blackland prairie relicts in Mississippi and Arkansas. M. S. thesis, Mississippi St. Univ., Starkville, MS. 42 pp.
- Sealander, J. A. and G. A. Heidt. 1990. Arkansas Mammals: Their natural history, classification and distribution. University of Arkansas Press, Fayetteville, AR.
- Segelquist, C. A. and W. E. Green. 1968. Deer food yields in four Ozark forest types. *J. Wildl. Manage.* 32(2):330-337.
- Shantz, H. L. and R. Zon. 1924. Natural vegetation. P. 5, in Atlas of American Agriculture, GPO, Washington, DC. [Map].
- Shelford, V. E. 1926. Naturalist's guide to the Americas. Williams & Wilkins, Co., Baltimore, MY.
- Shelton, M. G. and D. Cain. 1999. Structure and short-term dynamics of the tree component of a mature pine-oak forest in southeastern Arkansas. *J. Torrey Bot. Soc.* 126(1):32-48.
- Shelton, M. G. and P. A. Murphy. 1991. Age and size structure of a short-leaf pine-oak stand in the Ouachita Mountains—implications of uneven-age management. Pp. 616-629, in S. S. Coleman and D. G. Neary. Proc. sixth biennial southern silvicultural conference, October 30-November 1, 1990, Memphis, TN. Gen. Tech. Rept. SE-70. USDA, Forest Service, Southeastern Forest Experiment Station, Asheville, NC. 2 vols., 868 pp.
- Shepherd, W. M. 1987. Monitoring of *Geocarpum minimum* at Warren Prairie Natural Area in the spring of 1987. Report by Arkansas Natural Heritage Commission, Little Rock, AR. 24 pp.
- Shepherd, W. M. 1988. Monitoring of *Geocarpum minimum* at Warren Prairie Natural Area. Report by Arkansas Natural Heritage Commission, Little Rock, AR. 6 pp.
- Shepherd, W. M., C. R. Preston, and R. Steinauer. 1991. Five-year study of *Geocarpum minimum* at Warren Prairie Natural Area, Bradley County, Arkansas. *Proc. Ark. Acad. Sci.* 45:100-102.
- Slaughter, C. R. 1993. Wild orchids of Arkansas. Published by author, Little Rock, AR.
- Slaughter, C. R. 1995. Arkansas Calopogons: beautiful beard. *North Amer. Native Orchid J.* 1(4):306-312.
- Small, J. K. 1938. Ferns of the Southeastern United States. Science Press, Lancaster, PA.
- Smith, B. A. and D. L. Marsh. 1993. Occurrence of hybrid honey locust (*Gleditsia Xtexana* Sarg.) in southwest Arkansas. *Proc. Ark. Acad. Sci.* 47:149-150.
- Smith, E. B. 1988. An atlas and annotated list of the vascular plants of Arkansas, 2nd ed. Kinko's Copies, Fayetteville, Arkansas. 448 pp.
- Smith, E. B. 1989. Floristic notes on the Arkansas Cruciferae (Brassicaceae). *Proc. Ark. Acad. Sci.* 43:118.
- Smith, E. B. 1994. Keys to the flora of Arkansas. University Arkansas Press, Fayetteville, AR. 363 pp.
- Smith, E. B., P. E. Hyatt, and K. Golden. 1992. Documented chromosome numbers 1992: 1. Chromosome numbers of some Arkansas flowering plants. *Sida* 15:145-146.
- Smith, K. L. 1986. Sawmill — The story of cutting the last great virgin forest east of the Rockies. University of Arkansas Press, Fayetteville, AR.
- Smith, R. 1989. The Atlas of Arkansas. University of Arkansas Press, Fayetteville, AR.
- Smith, T. E. 1998. The reintroduction of running buffalo clover (*Trifolium stoloniferum*) in Missouri, 1989-1998. *Missouriensis* 19:12-22.
- Sparks, J. C. 1996. Growing season and dormant-season fire behavior and effects on vegetation in the Ouachita Mountains, Arkansas. M. S. thesis, Oklahoma State University, Stillwater, OK. 186 pp.
- Stahle, D. W. and P. L. Chaney. 1994. A predictive model for location of ancient forests. *Nat. Areas J.* 14:151-158.
- Starkey, D. A., T. J. Haley, R. A. Fitzgibbon and L. L. Richards. 1999. Chapter 6: Biological threats to forest resources. In USDA, Forest Service. Ozark-Ouachita Highlands Assessment: V. Terrestrial vegetation and wildlife. 5 vols. Southern Region, USDA, Forest Service, Southern Research Station, Gen. Tech. Rept. SRS-35.
- Stoynoff, J. and W. J. Hess. 1990. A new status for *Quercus shumardii* var. *acerifolia* Fagaceae). *Sida* 14:267-271.
- Strausberg, S. and W. A. Hough. 1997. The Ouachita and Ozark-St. Francis National Forests: a history of the lands and USDA Forest Service tenure. Southern Research Station, New Orleans, LA. 45 pp.
- Stroud, H. B. and G. T. Hanson. 1981. Arkansas Geography: The physical landscape and the historical-cultural setting. Rose Publ. Co, Little Rock, AR.
- Stuckey, R. L. 1975. A bibliography of manuals and checklists of aquatic vascular plants for the conterminous United States. *Sida* 6:24-29.
- Sullivan, J. J. and A. V. Brown. 1994. Aquatic macrophytes of two small northwest Arkansas reservoirs. *Proc. Ark. Acad. Sci.* 48:186-191.
- Sundell, E. and R. D. Thomas. 1988. Four new records of *Cyperus* (Cyperaceae) in Arkansas. *Sida* 13:259-261.
- Sundell, E., R. D. Thomas, C. Amason, R. L. Stuckey, and J. Logan. 1999. Noteworthy vascular plants from Arkansas. *Sida* 18:877-887.
- Sundell, E., R. D. Thomas, and S. R. Hooks. 1989. *Asclepias obovatus* Ell. (Asclepiadaceae) rediscovered in Arkansas. *Sida* 13:376-378.
- Taylor, C. E. and R. J. Taylor. 1986. *Solidago* (Asteraceae) of limited distribution in the central United States. *Sida* 11:334-339.
- Taylor, W. C. 1976. Arkansas pteridophyta: description and distribution. Ph. D. diss., Southern Illinois University, Carbondale, IL.
- The Nature Conservancy. 1995. Ecological Assessment: Forest Lands in Arkansas and Oklahoma proposed for inclusion into the Ouachita National Forest and Cossatot National Wildlife Refuge. Arkansas Field Office, The Nature Conservancy, Little Rock, AR.
- The Nature Conservancy. 1995. Technical Assessment to: An ecological assessment of Forest Lands in Arkansas and Oklahoma proposed for inclusion into the Ouachita National Forest and Cossatot National Wildlife Refuge. Report by J. Campbell, S. Walker, and D. Zollner, Arkansas Field Office, The Nature Conservancy, Little Rock, AR.
- The Nature Conservancy. 1996. Ecological Assessment: Alcoa bauxite natural areas in Arkansas. A report on the status of natural areas with stewardship recommendations. Prepared by the Nature Conservancy's Arkansas Field Office with support from Aluminum Company of America. Little Rock, AR. 57 pp.
- The Nature Conservancy. 2000. Ecological assessment of Pulaski County,

Arkansas Field Botany (Flora and Vegetation) Bibliography (1988-2000)

- Arkansas. Report by Arkansas Field Office, The Nature Conservancy, Little Rock, AR. 117 pp. [Field work by Jeff Azerrad].
- Thomas, R. D. and C. M. Allen. 1993. Atlas of the vascular flora of Louisiana. Vol. 1: Ferns and fern allies, conifers, and monocotyledons. Natural Heritage Program, Louisiana Department of Wildlife and Fisheries & The Nature Conservancy, Louisiana Field Office, Baton Rouge, LA.
- Thomas, R. D. and C. M. Allen. 1996. Atlas of the vascular flora of Louisiana. Vol. II: Dicotyledons: Acanthaceae - Euphorbiaceae. Natural Heritage Program, Louisiana Department of Wildlife and Fisheries and The Nature Conservancy, Louisiana Field Office, Baton Rouge, LA.
- Thomas, R. D. and C. M. Allen. 1998. Atlas of the vascular flora of Louisiana. Vol. III: Dicotyledons: Fabaceae - Zygophyllaceae. Natural Heritage Program, Louisiana Department of Wildlife and Fisheries & The Nature Conservancy, Louisiana Field Office, Baton Rouge, LA.
- Thomas, R. D., E. B. Smith, E. Sundell, P. E. Hyatt, and C. Amason. 1991. Additions to the flora of Arkansas. *Sida* 14:483-491.
- Thompson, F. R., D. Zoeller, G. Bukenhofer, S. Hensley, and G. Houf. 1999. Chapter 5: Plant and animal populations. In USDA, Forest Service. Ozark-Ouachita Highlands Assessment: V. Terrestrial vegetation and wildlife. 5 vols. Southern Region, USDA, Forest Service, Southern Research Station, Gen. Tech. Rept. SRS-35.
- Thurman, C. M. and E. E. Hickey. 1989. A Missouri survey of six species of federal concern (*Tomanthera auriculata*, *Asclepias meadii*, *Geocarpon minimum*, *Lesquerella filiformis*, *Platanthera praecleara*, and *Boltonia decurrens*). Report by Missouri Dept. Conservation to United States Fish and Wildlife Service. 100 pp.
- Timme, S. L. and P. L. Redfearn. 1997. Checklist of the liverworts and hornworts of the Interior Highlands of North America in Arkansas, Illinois, Missouri, and Oklahoma. *Evansia* 14:89-105.
- Tucker, G. C. 1987. The genera of Cyperaceae in the southeastern U. S. *J. Arnold Arbor.* 68:361-445.
- Tucker, G. E. 1973. Rare and endangered plants of Arkansas: a preliminary draft. Report submitted to Arkansas Planning Commission, Little Rock, AR. 58 pp.
- Tucker, G. E. 1988. In Memorium: Maxine Clark, 1911-1988. *Proc. Ark. Acad. Sci.* 42:15.
- Tucker, G. E. 1988. In Memorium: Delzie Demaree, 1889-1987. *Proc. Ark. Acad. Sci.* 42:16-17.
- Tucker, G. E. 1989. A survey of the botanical features of Magazine Mountain on the slopes and plateau surface. Report submitted to U.S. Forest Service. 26 pp.
- Tumlison, R. and D. L. Marsh. 1994. Biological evaluation: Compartments 1406, 1407, and 1408: Winona Ranger District, Perry County, Arkansas. Report to USDA Forest Service, Ouachita National Forest, Hot Springs National Park, Arkansas.
- Tyrl, R. J., S. C. Barber, P. Buck, J. R. Estes, P. Folley, L. K. Magrath, C. E. S. Taylor, and R. A. Thompson. 1998. Identification of Oklahoma plants. A taxonomic treatment comprising of keys and descriptions for the vascular plants of Oklahoma. *Flora of Oklahoma, Inc., Stillwater, OK.*
- USDA, Forest Service. 1984. Sensitive plants of the Ozark-St. Francis National Forests. USDA, Forest Service, South Region. 28 pp.
- USDA, Forest Service. 1999. Ozark-Ouachita Highlands Assessment: V. Terrestrial Vegetation and Wildlife. 5 Vols. Southern Region, USDA, Forest Service, Southern Research Station, Gen. Tech. Rept. SRS-35.
- USDA, Soil Conservation Service, and Univ. Arkansas Agri. Ext. Expt. Stat. 1982. General soil map, State of Arkansas. Univ. Arkansas Cooperative Extension Service, UA Division of Agriculture, USDA, and County Governments, Little Rock, AR.
- Vanderpool, S. S. 1984. A comparative study of the vascular plants from selected bogs and conifer swamps with a comparison to fens. *Canad. J. Bot.* 59:842-853.
- Vanderpool, S. S. and E. L. Richards. 1998. A floristic inventory of three bogs on Crowley's Ridge in northeast Arkansas. *J. Ark. Acad. Sci.* 52:99-109.
- Veatch, M. S. 1906. Geology and underground water resources of northern Louisiana and southern Arkansas. U. S. Geological Survey, Prof. Paper No. 46. Washington, DC. 422 pp.
- Walck, J. L., J. M. Baskin, and C. C. Baskin. 1996. Sandstone rockhouses of the eastern United States with particular reference to the ecology and evolution of the endemic plant taxa. *Bot. Rev.* 62:311-362.
- Walker, S. A. 1997. First record of *Psilocarya scirpoides* and a new record of *Eleocharis* (Cyperaceae) in Arkansas. *Southw. Nat.* 42:118.
- Walker, S. A. and J. Campbell. 1997. A floristic survey and annotated checklist of the Pine Bluff Arsenal. *J. Ark. Acad. Sci.* 51:178-187.
- Walker, S. A. and G. P. Johnson. 1991. A survey and annotated checklist of the late summer flora of the moist soil units at Holla Bend National Wildlife Refuge. *Proc. Ark. Acad. Sci.* 45:111-113.
- Ward, D. B. 1987. North American collections of *Lepuropetalon spathulatum* (Saxifragaceae). *Phytologia* 63(1):15-37.
- Waterfall, U. T. 1988. Keys to the flora of Oklahoma. 6th ed. *Flora of Oklahoma, Inc., Stillwater, OK.*
- Watson, L. E. 1989. Status survey of *Calamovilfa arcuata*, Cumberland sandgrass, in Oklahoma. Report submitted to USFWS Ecological Services, Tulsa, OK.
- Watson, L. E. 1989. Status survey of *Tradescantia ozarkana*, Ozark spiderwort, in Oklahoma. Report submitted to USFWS Ecological Services, Tulsa, OK.
- Watson, L. E. 1991. Population biology and reproductive ecology of *Eriocaulon kornickianum*, dwarf pipewort, in Oklahoma. Unpublished report to U. S. Fish and Wildlife Service, Albuquerque, NM. 29 pp. + maps.
- Watson, L. E. 1995. Morphological and genetic divergence among disjunct populations of *Eriocaulon kornickianum*, dwarf pipewort. Unpublished report to U. S. Fish and Wildlife Service, Albuquerque, NM.
- Watson, L. E., G. E. Uno, N. A. McCarthy, and A. B. Kornkven. 1994. Conservation biology of a rare plant species, *Eriocaulon kornickianum* (Eriocaulaceae). *Amer. J. Bot.* 81:980-986.
- Weih, R. 1999. Natural State Digital Database, CD Version 1.0 Beta, UTM Zone 15, NAD27. Spatial Analysis Laboratory, School of Forestry, Arkansas Forest Resource Center, University of Arkansas at Monticello, Monticello, AR.
- Werth, C. R. 1991. Isozyme studies on the *Dryopteris spinulosa* complex. I. The origin of the Log Fern *D. celsa*. *Syst. Bot.* 16:446-461.
- Werth, C. R., A. M. Evans, and D. M. E. Ware. 1988. The southern woodfern *Dryopteris Xaustialis* in Tennessee and Virginia. *Castanea* 53:263-271.
- Wherry, E. T. 1937. Southern occurrences of *Dryopteris clintoniana*. *Amer. Fern J.* 27:1-5.
- White, D., S. Walker, and B. Fields. 1999. Effects of land management practices on *Trifolium stoloniferum* (running buffalo clover) at the Bluegrass Army Depot. Final Report. Unpublished report submitted to Department of Defense. Repository, Arkansas Natural Heritage Commission, Little Rock, AR.
- Wilkes, S. 1999. Report describing location and habitat type for *Valerianella nuttallii* (T. & G.) Walp. in Arkansas. Unpublished report submitted to Arkansas Natural Heritage Commission, Little Rock, AR.
- Williams, J. F. 1890. The distribution of timber: its relation to the underlying rock formation. *Ark. Geol. Survey* 2:167-170.
- Wilson, J. H. (ed.) 1984. Rare and endangered species of Missouri. Missouri Dept. Conservation, Jefferson City, MO. 171 pp.
- Witsell, C. T. 2000. Ecological assessment of Iron Mountain Natural Area and surrounding lands, Polk County, Arkansas. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Witsell, C. T. 2000. Preliminary checklist of the plants of Iron Mountain Natural Area, Polk County, Arkansas. Unpublished report to

- Arkansas Natural Heritage Commission, Little Rock, AR.
- Witsell, C. T. 2000. Preliminary checklist of the plants of Falcon Bottoms Natural Area, Columbia and Lafayette counties, Arkansas. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Witsell, C. T. 2000. Preliminary checklist of the plants of Konecny Grove Natural Area, Prairie County, Arkansas. Unpublished report submitted to Arkansas Natural Heritage Commission, Little Rock, AR.
- Witsell, C. T. 2000. Preliminary checklist of the plants of Potlatch's Lost 40, Calhoun County, Arkansas. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Witsell, C. T. 2000. Preliminary checklist of the plants of savanna woodlands in the Grand Prairie of Arkansas. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Witsell, C. T. 2000. Preliminary checklist of the plants of Smoke Hole Natural Area, Lonoke County, Arkansas. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Witsell, C. T. 2000. Site report for Fernwood Seep, Polk County, Oct. 26, 2000. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Witsell, C. T. 2000. Site report for Turkey Mountain Savanna, Lower Buffalo Wilderness, Buffalo National River, Marion County, Arkansas. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Witsell, C. T. 2000. Updated checklist of the plants of Arkansas Oak Natural Area, Nevada County, Arkansas. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Witsell, C. T. 2000. Updated checklist of the plants of Big Creek Natural Area, Cleburne County, Arkansas. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Witsell, C. T. 2000. Updated checklist of the plants of Fernwood Seep, Polk County, Arkansas. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Witsell, C. T. 2000. Updated checklist of the plants of Iron Mountain Natural Area, Polk County, Arkansas. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Witsell, C. T. 2000. Updated checklist of the plants of Mill's Park Natural Area, Saline County, Arkansas. Unpublished report to Arkansas Natural Heritage Commission, Little Rock, AR.
- Witsell, C. T. and W. M. Shepherd. 1998. Rediscovery of *Marsilea vestita* subsp. *vestita* in Pulaski County, Arkansas, after 162 years. *J. Ark. Acad. Sci.* 52:142-143.
- Wood, C. E., Jr. 1975. The Balsaminaceae in the southeastern United States. *J. Arnold Arboretum* 56:413-426.
- Wright, R. D. 1988. Pondberry in Arkansas: an environmental analysis. Report to Arkansas Dept. of Natural Heritage. Univ. Central Arkansas, Conway, AR. 21 pp.
- Wright, R. D. 1989. Reproduction of *Lindera melissifolia* in Arkansas. *Proc. Ark. Acad. Sci.* 43:69-70.
- Wright, R. D. 1989. Species biology of *Lindera melissifolia* (Walt.) Blume in northwest Arkansas. Pp. 176-179, in *Ecosystem Management: rare species and significant habitats*. R. S. Mitchell, C. J. Sheviak, and D. J. Leopold, eds. Proc. 15th Annual Natural Areas Assoc. Conf., New York State Museum, Albany, Bull. 471, 314 pp.
- Wright, R. D. 1990. Photosynthetic competence of an endangered shrub, *Lindera melissifolia*. *Proc. Ark. Acad. Sci.* 44:118-120.
- Wright, R. D. 1994. Sex ratio and success, an assessment of *Lindera melissifolia* in Arkansas. *Proc. Ark. Acad. Sci.* 48:230-233.
- Wyatt, T. W., Jr. 1972. Vascular plants of Mississippi County, Arkansas. M. S. thesis, Dept. Biology, Arkansas State University, State University, Arkansas.
- Yatskievych, G. 1999. Steyermark's Flora of Missouri. Vol. 1. Pteridophytes, Gymnosperms, and Monocots, revised edition. Missouri Dept. Conservation and Missouri Botanical Garden, St. Louis., MO.

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