

CURRICULUM VITAE

GEORGE ALFRED YATSKIEVYCH

PERSONAL: Born June 21, 1957, in Kassel, Germany. American, married to Kay Yatskievych, no children, two cats, one dog.

EDUCATION:

Ph.D. (1990) Plant Sciences, Indiana University, Bloomington, IN 47405.
M.S. (1982) Horticulture (Plant Sciences), University of Arizona, Tucson, AZ 85721.
B.S. (1979) Ecology and Evolutionary Biology, University of Arizona.

PROFESSIONAL EXPERIENCE (last twenty years):

2006–present Curator, Science and Conservation Division, Missouri Botanical Garden, P.O. Box 299, St. Louis, MO 63166-0299.
2002–present Research Associate, Arizona-Sonora Desert Museum, 2021 N Kinney Rd, Tucson, AZ 85743-8918.
2001–present Research Associate Professor (adjunct), Department of Biology, also Graduate Faculty, University of Missouri–St. Louis, 8001 Natural Bridge Rd., St. Louis, MO 63121-4499.
1987–2005 Botanist and Resource Scientist, Missouri Department of Conservation, P.O. Box 180, Jefferson City, MO 65102-0180. Stationed at Missouri Garden, St. Louis, where Curator of Missouri Plants.

LEADERSHIP TRAINING (Through the Missouri Department of Conservation's Academy for Leadership Excellence):

Basic Training for Financial Management	Putting Policies and Procedures to Work
Diversity	Seven Habits of Highly Effective People
Effective Communication Skills	Sexual Harassment
Effective Supervision	Team Building and Problem Solving
Performance Management	Understanding and Servicing Internal and External Stakeholders

TEACHING EXPERIENCE:

General Botany (non-credit)	Pteridology (Ornamental Plant Materials Certificate Program, Chicago Botanic Garden); also Adult Education Program, Missouri Botanical Garden
Plant Taxonomy (non-credit)	
Botany of the Sonoran Desert (non-credit)	
Fungi Laboratory	
Man and the Biological World	Numerous professional workshops on plant identification, Asteraceae, Cyperaceae, Poaceae, Missouri vegetation, etc.
Vascular Plant Survey	
Summer Flowering Plants	
Genetics Laboratory	Various guest lectures in plant taxonomy

SERVICE:

Peer reviewer for various botanical journals, including *Systematic Botany*, *American Journal of Botany*, *Taxon*, *Journal of the Botanical Research Institute of Texas*, etc. (ongoing).
Systematic Botany Monographs, Editorial Committee (2008–2011).
National Science Foundation (NSF), Biological Research Collections Panel, review panel member (2008); Combined Systematic Biology/Biodiversity Surveys and Inventories Panel, review panel member (2007); proposal reviewer, various programs (ongoing).
Institute for Museum and Library Services (IMLS), Conservation Projects Support Grants Program, field reviewer (2006–present).
Botany and Economic Botany 2011 Conference, planning committee (2010–2011).
General Nomenclature Committee (International Association for Plant Taxonomy) (2005–present).
Webster Groves Nature Study Society, board (2005–present), vice president (2010–present).
Stanton H. Hudson Memorial Award Committee (Missouri Native Plant Society) (2003–present)
Novon, Consulting Editor (Missouri Botanical Garden) (2002–present).
Membership Secretary (American Fern Society) (2002–present).
Selection Committee, Catherine H. Beattie Fellowship (Center for Plant Conservation/Garden Club of America) (2001–present).
Science Advisory Committee, Center for Plant Conservation (2000–present).
Missouriensis, Co-editor, (Missouri Native Plant Society) (1993–present), Editorial Committee, (1988–present).
Regional Reviewer and Technical Consultant, Flora of North America Project (1992–present).
Missouri Native Plant Society, board (1989–present), vice president (1992–1993), president (2009–present).
Index to Plant Chromosomes Project, reviewer (1988–present).
Indiana Floristic Quality Assessment Committee (2003–2004).
Invasive Exotics Committee (Missouri Botanical Garden) (2002–2004).
Missouri Exotic Pest Plant Council (2001–2002).
China Fern International Workshop, co-organizer (MBG/Academia Sinica) (2001).
Committee for Recently Extinct Organisms (representing Center for Plant Conservation and Missouri Botanical Garden) (1999).
Karling Graduate Research Award Committee (Botanical Society of America) (1998–2000), chairperson (1999–2000).
American Society of Botanical Artists/Guild of Natural Science Illustrators international botanical art exhibit, *Art in Science*, Juror and co-organizer, July 1999, St. Louis, MO.
International Botanical Congress, local representative (American Fern Society) (1998–1999).
International Botanical Congress, Field Trip Committee (1998–1999).
American Fern Journal, editor (American Fern Society) (1994–1999).
Systematic Botany, Editorial Committee (American Society of Plant Taxonomists) (1993–1994).
Conservation Committee (Botanical Society of America) (1991–1993), chairperson (1992–1993).

AWARDS:

John E. Wylie Service Award, Missouri Native Plant Society (2004).
Julian A. Steyermark Award, Missouri Native Plant Society (1999).
Edgar T. Wherry Award, Botanical Society of America, Pteridological Section (1989).
Indiana Academy of Science, Best Student Paper Award, annual meeting (1987).

GRANTS AND FELLOWSHIPS:

University of Arizona Graduate Student Program Development Fund (grant, 1980).
Sigma Xi, the Scientific Research Society (grant, 1980).
Indiana University, Department of Biology, research support award (1982, 1984, 1985).
Indiana University, Department of Biology, Plant Sciences Graduate Program, Bayard Franklin Floyd Memorial Summer Fellowship (1983-1985, 1987).
Indiana Academy of Science (grant, 1983).
Indiana University, Graduate School, Doctoral Student Grant-in-Aid of Research (grant, 1985).
Indiana University, Department of Biology, Plant Sciences Graduate Program, Bayard Franklin Floyd Memorial Fellowship (1985).
Indiana University, Graduate School, Alumni Off-Campus Research Fellowship (1985).
National Academy of Sciences, Joseph Henry Fund, Grant-in-Aid of Research, administered through Sigma Xi, the Scientific Research Society (grant, 1986).
National Science Foundation, Grants for Improving Doctoral Research (\$3,046 grant, 1986).
National Science Foundation, Systematic Biology Program, with Gerald J. Gastony (\$120,000 grant, 1989).
Flora of Missouri art work (worked with Dr. Peter Raven to raise ca. \$90,000 total from The Academy of Science of St. Louis, Timon Primm Memorial Fund, Mrs. John S. Lehmann, John Allen Love Foundation, Missouri Department of Conservation, and Wednesday Club of St. Louis).
Missouri Department of Conservation, for Flora of Missouri Project (\$55,000 grant, 1999; \$15,000 supplement, 2000; \$10,000 supplement, 2001; \$9,300 matching supplement, 2002; project support grant, \$40,000 annually, 2007–2011).
National Science Foundation, Systematic Biology Program, with Kathleen Pryer, Michael Windham (Duke University) (\$420,000 grant, 2007; \$24,186 supplement, 2009).
Edward K. Love Conservation Foundation, grant for Missouri Flora Project (\$113,400 grant, 2008; \$58,800 grant, 2009).

MEMBERSHIPS IN PROFESSIONAL SOCIETIES:

American Fern Society	International Association for Plant Taxonomy
American Society of Plant Taxonomists	International Association of Pteridologists
Arizona–Nevada Academy of Science	Missouri Academy of Science
Botanical Society of America	Sigma Xi, the Scientific Research Society
California Botanical Society	Society of Herbarium Curators
Indiana Academy of Science	Southern Appalachian Botanical Society

PUBLICATIONS (several nontechnical articles and numerous book reviews not included):

Jessee, L.H., and G. Yatskievych. 2011. A new putative hybrid in *Silphium* (Asteraceae: Heliantheae). *Phytoneuron* 2011-62: 1–7.

Sigel, E. M., M. D. Windham, L. Huiet, G. Yatskievych, and K. M. Pryer. 2011. Species relationships and farina evolution in the cheilanthoid fern genus *Argyrochosma* (Pteridaceae). *Syst. Bot.* 36: 554–564.

Applequist, W. L., M. Callmender, G. Davidse, A. Sennikov, M. Thulin, P. Vorster, and G. Yatskievych. 2010. Apportionment of institutional votes for the Nomenclature Section: a rebuttal to Smith & al. *Taxon* 59: 1567–1570.

PUBLICATIONS (continued):

- Beck, J. B., M. D. Windham, G. Yatskievych, and K. M. Pryer. 2010. A diploids-first approach to species delimitation and interpreting polyploid evolution in the fern genus *Astrolepis* (Pteridaceae). *Syst. Bot.* 35: 223–234.
- Yatskievych, G., T. R. Van Devender, and A. L. Reina-Guerrero. 2010. Pteridofitas. Pp. 217–227 in F. E. Molina Freaner and T. R. Van Devender, eds. *Biodiversidad Biológica de Sonora*. Universidad Nacional Autónoma de México, Mexico City.
- Yatskievych, G., and M. D. Windham. 2009. Vascular Plants of Arizona: Isoëtaceae, Marsileaceae, Polypodiaceae, Selaginellaceae, Thelypteridaceae. *Canotia* 5: 27–52.
- Yatskievych, G., and J. L. Contreras J. 2009. A new genus of holoparasitic Orobanchaceae from Mexico. *Novon* 19: 266–276.
- Collins, L. T., A. E. L. Colwell, and G. Yatskievych. 2009. *Orobanche riparia* (Orobanchaceae), a new species from the American Midwest. *J. Bot. Res. Inst. Texas* 3: 3–11.
- Mora-Olivo, A., and G. Yatskievych. 2009. *Salvinia molesta* in Mexico. *Amer. Fern J.* 99: 56–58.
- Yatskievych, G., and S. Kobal. 2008. The genus *Cystopteris* at Waterfall Glen Forest Preserve, DuPage County Illinois. *Amer. Fern J.* 98: 79–83.
- Yatskievych, G., and M. D. Windham. 2008. Vascular Plants of Arizona: Azollaceae, Blechnaceae, Dennstaedtiaceae, Equisetaceae, Salviniaceae. *Canotia* 4: 31–49.
- Raveill, J. A., and G. Yatskievych. 2008. *Heliotropium europaeum* (Heliotropiaceae) new to Missouri. *Missouriensis* 28/29: 10–17.
- Yatskievych, G., and A. L. Arbeláez A. 2008. A new species and three generic transfers in the fern genus *Notholaena* (Pteridaceae). *Novon* 18: 120–124.
- Meijer, W., and G. Yatskievych. 2007. Rafflesiaceae. P. 476 in V. Funk, T. Hollowell, P. Berry, C. Kelloff, and S.N. Alexander. Checklist of the plants of the Guiana Shield (Venezuela: Amazonas, Bolivar, Delta Amacuro; Guyana, Surinam, French Guiana). *Contr. U.S. Natl. Herb.* 55: 1–584.
- Yatskievych, G. 2007. A new combination in *Glossopetalon* (Crossosomataceae). *Novon* 17: 529–530.
- Phipps, J. B., G. Yatskievych, and K. Wood. 2007. Typification of *Crataegus* names from the Missouri flora. *Harvard Pap. Bot.* 11: 179–197.
- Yatskievych, G. 2006. Steyermark's Flora of Missouri, Volume 2. Errata. *Missouriensis* 27: 23–25.
- Hill, R., and G. Yatskievych. 2006. Taxonomic and nomenclatural differences between Steyermark's Flora of Missouri and the Revised Flora of Missouri, Volume 2. *Missouriensis* 27: 26–46.
- Yatskievych, G. 2006. Steyermark's Flora of Missouri, Second Edition, Volume 2. Missouri Botanical Garden Press, St. Louis.
- Windham, M. D., and G. Yatskievych. 2005. A novel hybrid *Polypodium* from Arizona. *Amer. Fern J.* 95: 57–67.
- Yatskievych, G. 2004 (2005). How faster to master the *Aster* disaster: a primer on the changing nomenclature of Missouri asters. *Missouriensis* 25: 26–32.
- Yatskievych, G., and W. Meijer. 2004. Rafflesiaceae. Pp. 407–410 in P. E. Berry, K. Yatskievych, and B. K. Holtz, eds. *Flora of the Venezuelan Guayana*, Volume 8. Missouri Botanical Garden Press, St. Louis.

PUBLICATIONS (continued):

- Yatskievych, G. 2004. Lennoaceae. Pp. 209–211, pl. 26C in N. Smith, S. A. Mori, A. Henderson, D. W. Stevenson, and S. V. Heald, eds. Flowering Plants of the Neotropics. Princeton University Press and New York Botanical Garden Press, Princeton and New York.
- Yatskievych, G. 2003. Conservation and endangerment of North American pteridophytes. *Fiddlehead Forum* 30: 25–26.
- Windham, M. D., and G. Yatskievych. 2003. Chromosome studies of cheilanthoid ferns (Pteridaceae: Cheilanthesaceae) from the western United States and Mexico. *Amer. J. Bot.* 90: 1788–1800.
- Windham, M. D., and G. Yatskievych. 2003. Revised nomenclature and a new North American record for the villose cliff brake (*Pellaea*, Pteridophyta). *Novon* 13: 358–362.
- Yatskievych, G., and A. R. Smith. 2003. Typification of *Notholaena* R. Br. (Pteridaceae). *Taxon* 52: 331–336.
- Tenaglia, D., and G. Yatskievych. 2002. *Thlaspi alliaceum* (Brassicaceae), another non-native species new to Missouri. *Missouriensis* 23: 39–41.
- Yatskievych, G. 2002. Obituary: Joanna M. Turner (1929–2002). *Missouriensis* 23: 1–6.
- Yatskievych, G. 2002. Lennoaceae (p. 362), Rafflesiaceae (p. 446). In B. G. Baldwin, S. Boyd, B. J. Ertter, R. W. Patterson, T. J. Rosatti, and D. H. Wilkin, eds. *The Jepson Desert Manual*. University of California Press, Berkeley, CA.
- Yatskievych, G. 2001. Lennoaceae. Pp. 1213–1214 in W. D. Stevens, C. Ulloa U., A. Pool, and O. M. Montiel, eds. *Flora de Nicaragua*. Monogr. Syst. Bot. Missouri Bot. Gard. 85(2).
- Yatskievych, G., and J.A. Raveill. 2001. Notes on the increasing proportion of non-native angiosperms in the Missouri flora, with reports of three new genera for the state. *Sida* 19: 701–709.
- Mendoza, A., M. D. Windham, B. Pérez-García, and G. Yatskievych. 2001. Una nueva especie de *Pellaea* (Pteridaceae) del estado de San Luis Potosí, México. *Acta Bot. Mex.* 57: 15–21.
- Kallhoff, V., and G. Yatskievych. 2001. Revision of the genus *Heuchera* in Missouri. *Missouriensis* 22: 22–38.
- Yatskievych, G., and D. Holland. 2000. Obituary: Joseph A. Ewan (1909–1999). *Amer. Fern J.* 90: 87–89.
- Morris, M., and G. Yatskievych. 2000. The genus *Callirhoe* in Missouri. *Missouriensis* 21: 1–20.
- Yatskievych, G. 2000. Steyermark's Flora of Missouri, volume 1, errata. *Missouriensis* 21: 39–44.
- Wood, K., and G. Yatskievych. 2000. Taxonomic and nomenclatural differences between the first and revised editions of Steyermark's Flora of Missouri. *Missouriensis* 21: 45–64.
- Yatskievych, G. 1999. Steyermark's Flora of Missouri, Second Edition, Volume 1. Missouri Department of Conservation and Missouri Botanical Garden, Jefferson City and St. Louis.
- Yatskievych, G., and R. Riba. 1999. *Phanerophlebia*. Pp. 26–38 in Consejo Nacional de la Flora de México, A.C., eds. *Flora de México*, Volume 6, Fascicle 4. Consejo Nacional de la Flora de México, Mexico City.
- Turner, J., and G. Yatskievych. 1998. A family index to the Illustrated Flora of Illinois. *Erigenia* 16: 71–72.
- Yatskievych, G., and W. L. Wagner. 1998. Proposal to amend Art. 46.6 to avoid “Anonymous” as author of a name. *Taxon* 47: 773–774.

PUBLICATIONS (continued):

- Yatskievych, G., and J. Piper. 1998. Pteridophyta (12 families). Pp. 178–191 in P. S. Martin, D. Yetman, M. Fishbein, P. Jenkins, T. R. Van Devender, and R. K. Wilson, eds. *Gentry's Río Mayo Plants*, revised edition. University of Arizona Press, Tucson.
- Carlquist, S., E. Schneider, and G. Yatskievych. 1997. SEM studies on vessels in ferns. 1. *Woodisia obtusa*. *Amer. Fern J.* 87: 1–8.
- Wollenweber, E., M. Dörr, H. Fritz, S. Papendieck, G. Yatskievych, and J. Roitman. 1997. Exudate flavonoids in Asteraceae from Arizona, California, and Mexico. *Z. Naturforsch.* 52c: 301–307.
- Yatskievych, G. 1996. A revision of the fern genus *Phanerophlebia* (Dryopteridaceae). *Ann. Missouri Bot. Gard.* 83: 168–199.
- Summers, B., M. Skinner, and G. Yatskievych. 1996. *Dalea gattereri*, a cedar glade endemic new to Missouri. *Missouriensis* 17: 4–9.
- Smith, S. G., and G. Yatskievych. 1996. Notes on the genus *Scirpus* senu lato in Missouri. *Rhodora* 98: 168–179.
- Wollenweber, E., K. Mann, M. Dörr, H. Fritz, J. N. Roitman, and G. Yatskievych. 1995. Exudate flavonoids in three *Ambrosia* species. *Natural Product Letters* 7: 109–116.
- Yatskievych, G. 1995. *Aleuritopteris* (p. 118), *Argyrochosma* (p. 119), *Cheiloplecton* (p. 129), *Notholaena* (pp. 135–136), *Pellaea* (pp. 136–137), *Phanerophlebia* (pp. 215–216). In G. Davidse, M. Sousa S., and A. O. Chater, eds. *Flora Mesoamericana*, Volume 1 (R. Moran and R. Riba, editors for Pteridophyta). Universidad Nacional Autónoma de México, Mexico City.
- Yatskievych, G., and R. C. Moran 1995. Pteridaceae family description and key to genera (pp. 104–105), *Cheilanthes* (pp. 121–128). In G. Davidse, M. Sousa S., and A. O. Chater, eds. *Flora Mesoamericana*, Volume 1 (R. Moran and R. Riba, editors for Pteridophyta). Universidad Nacional Autónoma de México, Mexico City.
- Yatskievych, G., and A. Brant. 1994. The *Polygonum aviculare* complex in Missouri. *Missouriensis* 15: 22–44.
- Wollenweber, E., and G. Yatskievych. 1994. External flavonoids of ocotillo (*Fouquieria splendens*). *Z. Naturforsch.* 49c: 689–690.
- Yatskievych, G. 1993. Antheridiogen response in *Phanerophlebia* and related fern genera. *Amer. Fern. J.* 83: 30–36.
- Yatskievych, G. 1993. Nomenclature update. Page 229 in F. Gordon Foster, *Ferns to Know and Grow*, edition 3. Timber Press, Portland, OR.
- Yatskievych, G., and R. Spellenberg. 1993. Plant conservation. Chapter 10 (pp. 207–226) in *Flora of North America* Editorial Committee, ed., *Flora of North America, North of Mexico*, volume 1. Oxford Univ. Press, New York.
- Yatskievych, G. 1993. *Cyrtomium* (pp. 299–300), *Phanerophlebia* (pp. 300–301). In *Flora of North America* Editorial Committee, ed. *Flora of North America, North of Mexico*, Volume 2. Oxford Univ. Press, New York.
- Yatskievych, G., and M. D. Windham. 1993. *Pentagramma* (pp. 149–151), *Pityrogramma* (pp. 135–136). In *Flora of North America* Editorial Committee, ed. *Flora of North America, North of Mexico*, Volume 2. Oxford Univ. Press, New York.
- Yatskievych, G. 1993. Lennoaceae, lennoa family [of Arizona]. *J. Arizona–Nevada Acad. Sci.* 27: 220–221.

PUBLICATIONS (continued):

- Yatskievych, G. 1993. Rafflesiaceae, rafflesia family [of Arizona]. *J. Arizona–Nevada Acad. Sci.* 27: 239.
- Yatskievych, G. 1993. Lennoaceae (p. 734), Rafflesiaceae (p. 910). *In* J. C. Hickman, ed. *The Jepson Manual, Higher Plants of California*. University of California Press, Berkeley.
- Gastony, G. J., and G. Yatskievych. 1992. Maternal inheritance of the chloroplast and mitochondrial genomes in cheilanthoid ferns. *Amer. J. Bot.* 79: 716–722.
- Gastony, G. J., G. Yatskievych, and C. K. Dixon. 1992. Chloroplast DNA restriction site variation in the fern genus *Pellaea*: phylogenetic relationships of the *Pellaea glabella* complex. *Amer. J. Bot.* 79: 1072–1080.
- Turner, J., and G. Yatskievych. 1992. County record vouchers for vascular plant species newly recorded for Missouri since 1963. *Missouriensis* 13: 1–24.
- Yatskievych, G. 1992. Innovations in the fern genus *Phanerophlebia*. *Novon.* 2: 445–446.
- Yatskievych, G. 1991. Rare and endangered ferns and concepts of endangerment in the United States. *Fiddlehead Forum* 18: 16–17.
- Yatskievych, G., and B. Summers. 1991. Studies in the flora of Missouri, III. *Missouriensis* 12: 4–11.
- Yatskievych, G., M. D. Windham, and E. Wollenweber. 1990. A reconsideration of the genus *Pityrogramma* Link (Adiantaceae) in western North America. *Amer. Fern J.* 80: 9–17.
- Yatskievych, G. 1990. Studies in the flora of Missouri, II. *Missouriensis* 11: 2–4.
- Yatskievych, G. 1990. The Missouri wildflower that wasn't. *Missouriensis* 11: 42–44.
- Yatskievych, G., and J. Turner. 1990. Catalogue of the flora of Missouri. *Monogr. Syst. Bot. Missouri Bot. Gard.* 37: i–xii, 1–345.
- Summers, B., and G. Yatskievych. 1990. *Aster macrophyllus* L. (Asteraceae), a new record for Missouri. *Missouriensis* 11: 31–35.
- Yatskievych, G. 1989. A new combination in South American *Polystichum*. *Amer. Fern J.* 79: 26–27.
- Yatskievych, G., and R. Moran. 1989. Primary divergence and species concepts in ferns. *Amer. Fern J.* 79: 36–45.
- Yatskievych, G., and D. Figg. 1989. Studies in the flora of Missouri, I. New records of introduced taxa. *Missouriensis* 10: 16–19.
- Stein, D. B., Yatskievych, G., and G. J. Gastony. 1989. Chloroplast DNA evolution and phylogeny of some polystichoid ferns. *Biochem. Syst. Ecol.* 17: 93–101.
- Wollenweber, E., K. Mann, S. Stern–Hochwarth, and G. Yatskievych. 1989. Exudate flavonoids in miscellaneous Asteraceae. *Phytochem. Bull.* 21: 19–23.
- Wollenweber, E., S. Stern, J. N. Roitman, and G. Yatskievych. 1989. External leaf flavonoids of *Polanisia trachysperma*. *Phytochemistry* 28: 303–305.
- Yatskievych, G., D. B. Stein, and G. J. Gastony. 1988. Chloroplast DNA evolution and systematics of *Phanerophlebia* and related fern genera. *Proc. Natl. Acad. Sci. USA.* 85: 2589–2593.
- Arriaga-Giner, F. J., E. Wollenweber, I. Schober, and G. Yatskievych. 1988. Three new benzoic acid derivatives from the glandular excretion of *Eriodictyon sessilifolium* (Hydrophyllaceae). *Z. Naturforsch.* 43c: 337–340.
- Yatskievych, G. 1988. Julian Steyermark, a lifetime of botany. *Missouriensis* 9: 4–7.
- Yatskievych, G. 1988. The confusing case of the flame fame flower. *Missouriensis* 9: 10–12.

PUBLICATIONS (continued):

- Yatskievych, G., and L. E. Johnson. 1987. Notes on *Peperomia heterodoxa* (Piperaceae) in Mexico. *Sida* 12: 419–421.
- Yatskievych, G., M. A. Homoya, and D. R. Farrar. 1987. The fern genera *Vittaria* and *Trichomanes* in Indiana. *Proc. Indiana Acad. Sci.* 96: 429–434.
- Yatskievych, G., and K. McCrary Yatskievych. 1987. A floristic inventory of the Yellow Birch Ravine Nature Preserve, Crawford County, Indiana. *Proc. Indiana Acad. Sci.* 96: 435–445.
- Wollenweber, E., D. Hradetzky, K. Mann, J. N. Roitman, G. Yatskievych, and M. Proksch. 1987. Exudate flavonoids from aerial parts of five *Ambrosia* species. *J. Pl. Physiol.* 131: 37–43.
- Wollenweber, E., I. Schober, P. Dostal, D. Hradetzky, F. J. Arriaga-Giner, and G. Yatskievych. 1986. Flavonoids and terpenoids from the exudates of some *Baccharis* species. *Z. Naturforsch.* 41c: 87–93.
- Yatskievych, G., and M. D. Windham, 1986. Notes on Arizona Pteridophyta. *J. Arizona–Nevada Acad. Sci.* 21: 19–21.
- Yatskievych, G., and C. T. Mason, Jr. 1986. A revision of the Lennoaceae. *Syst. Bot.* 11: 531–548.
- Yatskievych, G. 1985. Notes on the biology of the Lennoaceae. *Cactus and Succulent J. (U.S.)* 57: 73–79.
- Wollenweber, E., and G. Yatskievych. 1985. Flavonoides en la resina foliar de *Flourensia resinosa*, compuesta endémica de Hidalgo, México. *Rev. Latinoam. Quím.* 16: 45–46.
- Wollenweber, E., K. Mann, F. J. Arriaga, and G. Yatskievych. 1985. Flavonoids and terpenoids from the leaf resin of *Pluchea odorata*. *Z. Naturforsch.* 40c: 321–324.
- Wollenweber, E., I. Schober, W. D. Clark, and G. Yatskievych. 1985. Flavonoid aglycones from leaf resins of two species of *Heterotheca* (Compositae). *Phytochem.* 24: 2129–2131.
- Yatskievych, G., and C. T. Mason, Jr. 1984. A taxonomic study of *Ipomoea tenuiloba* Torrey (Convolvulaceae), with notes on related species. *Madroño* 31: 102–108.
- Yatskievych, G., and M. Zavada. 1984. Pollen morphology of Lennoaceae. *Pollen et Spores* 26: 131–143.
- Yatskievych, G. and P. C. Fischer. 1983. New plant records from the Sonoran Desert. *Desert Plants* 5: 180–185.
- Wollenweber, E., and G. Yatskievych. 1982. Flavonoid esters from the fern, *Notholaena neglecta*. *J. Nat. Products* 45: 216–219.
- Yatskievych, G. 1982. A conspectus of the Lennoaceae. *Phytologia* 52: 73–74.
- Yatskievych, G. and C. E. Jenkins. 1981. Fall vegetation and zonation of Hooker Cienega, Graham County, Arizona. *J. Arizona-Nevada Sci.* 16: 7–11.
- Mason, C. T., Jr., and G. Yatskievych. 1981. Notes on the flora of Arizona VI. *Desert Plants* 3: 29–30.
- Yatskievych, G. 1980. Ferns and fern-allies of the Garden Canyon Area of the Huachuca Mountains, Cochise County, Arizona. *Desert Plants* 2: 237–243.

CONTRIBUTIONS TO FLORAS (published and in preparation):

The Jepson Manual (California)	Flora de México
Flora of North America, North of Mexico	Flora de Nicaragua
Flora Mesoamericana	Steyermark's Flora of Missouri
Flora of the Venezuelan Guayana	Vascular Plants of Arizona
Gentry's Río Mayo Plants	Flora of China

PUBLISHED ABSTRACTS, PRESENTATIONS, POSTERS (numerous presentations to garden clubs, amateur organizations, etc. are not included):

- Gastony, G., T. Nakazato, and G. Yatskievych. 2012. Systematics and phylogeny of the recently rediscovered *Anogramma ascensionis* (Pteridaceae) using data from AFLPs, rbcL sequences, and morphology. Contributed paper, presented at the Botany 2012 Conference, Columbus, OH.
- Van Devender, T. R., A. L. Reina-Guerrero, G. M. FERGUSON, G. Yatskievych, B. E. Loyola-Reina, G. Yanes-Arvalo, J. L. Anderson, S. F. Hale, S. Jacobs, M. P. Montañez-Armenta. 2012. Preliminary Flora of the Sky Island Sierra Bacadéhuachi, Sonora, Mexico. Contributed paper, presented by Thomas R. Van Devender at the Madrean Archipelago Symposium, Tucson, AZ.
- Hooper, E., G. Yatskievych, L. Huiet, M. Windham, and K. Pryer. 2011. Into or out of Africa? What do molecular data reveal about the identity and biogeographic origin of *Aleuritopteris farinosa* (Forssk.) Fee (Pteridaceae)? Contributed paper, presented by Elisabeth Hooper at the Botany 2011 Conference, St. Louis MO.
- Croft, G., G. Yatskievych, and B. Schaal. 2011. *Claytonia ozarkensis* (Montiaceae): genetic variation in a rare spring beauty endemic to the Ozarks and its relatives. Contributed paper, presented by Genevieve Croft at the Botany 2011 Conference, St. Louis MO.
- Schuettpelz, E., A. L. Grusz, L. Huiet, K. M. Pryer, M. D. Windham, and G. Yatskievych. 2011. Biogeographic analyses reveal low levels of intercontinental dispersal in xeric-adapted ferns. Contributed paper, presented by Eric Schuettpelz at the 72nd Annual Association of Southeastern Biologists Meeting, Huntsville, AL.
- Windham, M. D., L. Huiet, E. Schuettpelz, G. Yatskievych, and K. M. Pryer. 2010. Molecular markers reveal major lineages, migration patterns, and monophyletic groups among cheilanthoid ferns. Contributed paper, presented at the 5th International Conference on Asian Pteridology, Shenzhen, China.
- Hooper, E., G. Yatskievych, L. Huiet, M. Windham, and K. M. Pryer. 2010. New morphological and molecular insights into the *Aleuritopteris farinosa* (Forssk.) Fée complex (Pteridaceae; Cheilanthoideae). Contributed paper, presented by Elisabeth Hooper at the 5th International Conference on Asian Pteridology, Shenzhen, China.
- Hooper, Elisabeth A., and G. Yatskievych. 2009. What is “*Aleuritopteris farinosa*”? Insights from spore morphology and sporangial capacity. Contributed paper, presented by Elisabeth Hooper at the Botany 2009 Conference, Snowbird, UT.
- Yatskievych, G. 2008. In search of the little hermit: describing a new genus of parasitic plants endemic to southern Mexico. Invited Seminar, Department of Biology, Washington University, St. Louis. Also invited seminar, Department of Biological Sciences, Westminster College, Fulton, MO.
- Barker, M. S., and G. Yatskievych. 2008. Symposium co-organizers: “From Gels to Genomics: The Evolving Landscape of Pteridology. A Celebration of Gerald Gastony's Contributions to Fern Evolutionary Biology.” at the Botany 2008 Conference. Presented introduction to symposium and co-authored presentation: Using plastid and nuclear DNA sequences to redraw generic boundaries and demystify species complexes in cheilanthoid ferns (presented by M. D. Windham).
- Yatskievych, G., and J. L. Contreras J. 2008. A new genus of holoparasitic Orobanchaceae from Mexico. Contributed paper, presented at the Botany 2008 Conference.

PUBLISHED ABSTRACTS, PRESENTATIONS, POSTERS (continued):

- Mathews, S., G. M. Schneeweis, and G. Yatskievych. 2008. Phylogenetic affinities of a new holoparasitic genus of Orobanchaceae endemic to Guerrero, Mexico, inferred from molecular data. Contributed paper, presented by Sarah Mathews at the Botany 2008 Conference.
- Windham, M. D., and G. Yatskievych. 2007. The roles of polyploidy and apomixis in the dispersal of ferns to oceanic islands. Presented by Michael Windham in the Symposium “Ferns on Oceanic Islands—From Dispersal to Long Lasting Diversity” at the Botany and Plant Biology 2007 Joint Congress.
- Yatskievych, G. 2006. The roles of taxonomy and floristics in understanding plant diversity in Missouri. Invited seminar, presented to the Dept. of Biological Sciences, University of Missouri, Rolla.
- Yatskievych, G. 2004. Floristic, systematic, and conservation biology applications using museum- and molecular-derived data, with examples from the midwestern flora and cheilanthoid ferns. Invited seminar, presented to the Dept. of Biology, Indiana University, Bloomington.
- McCourt, R. M., and G. Yatskievych. 2004. Program and Panel Discussion organized for Missouri Historical Society, St. Louis, Missouri, “The botanical legacy of Lewis and Clark.”
- Yatskievych, G., and T. E. Smith. 2003. Workshop co-organizers: “Missouri’s least wanted; invasive exotic plants in our state,” Missouri Natural Resources Conference, Lake of the Ozarks, Missouri. Also the following presentation (co-presented with Tim Smith): An overview of invasive exotic plants in Missouri.”
- Yatskievych, G., and T. E. Smith. 2003. Putting invasive exotics in perspective; an overview of the problem in Missouri. Invited presentation at the workshop: “Invasive plants and the horticultural industry—creating solutions from within,” co-sponsored by the St. Louis Horticultural Coop. and Missouri Botanical Garden.
- Yatskievych, G., and E. G. Hooper. 2001. Symposium co-organizers: “Evolution and adaptations of pteridophytes in dry climates,” Botanical Society of America annual meeting, Pteridological Section. Also the following presentations: Distribution of arid climates and drought-adapted pteridophytes, an introduction, (presented by Lisa Hooper); Morphological reassessment of molecular phylogenetic inferences in the xerically adapted cheilanthoid ferns (Pteridaceae: Cheilanthesidae), (presented by Gerald Gastony).
- Yatskievych, G. 2000. The Flora of Missouri Project: Past, Present, and Future. Invited paper, presented at the Arkansas Vascular Flora Conference, Fayetteville.
- Windham, M. D., and G. Yatskievych. 1998. The role of genetic bottlenecks in the evolution and conservation of cheilanthoid ferns. *Amer. J. Bot.* 85(6, supplement): 99. Invited paper, presented at the symposium, “Conservation Biology of Pteridophytes,” Botanical Society of America annual meeting, Pteridological Section.
- Yatskievych, G. 1998. Missouri’s changing flora—the last 35 years. Contributed paper, presented at the American Association of Botanical Gardens and Arboreta session, American Institute of Biological Sciences annual meeting.
- Yatskievych, G. 1996. The role of genetics in ecological restoration. Invited paper presented at the symposium, “Ecological Restoration,” at the American Association of Botanical Gardens and Arboreta conference, St. Louis.

PUBLISHED ABSTRACTS, PRESENTATIONS, POSTERS (continued):

- Yatskievych, G. 1995. Life on the edge: Systematics and phylogeny of the cliff brake ferns. Invited seminar, presented to the Division of Biological Sciences, University of Missouri–Columbia.
- Windham, M. D., G. J. Gastony, and G. Yatskievych. 1995. Evolutionary genetics of *Pellaea lyngholmii* (Adiantaceae), a rare fern endemic to north-central Arizona. Contributed paper, presented by M. D. Windham at the Second Southwestern Rare and Endangered Plant Conference, Flagstaff, AZ.
- Gastony, G. J., and G. Yatskievych. 1993. Phylogenetic relationships in *Pellaea* section *Pellaea* (Pteridaceae, Cheilantheoideae) based on cpDNA restriction site variation. *Amer. J. Bot.* 80(6, supplement): 108. Contributed paper, presented by G. J. Gastony at the Botanical Society of America annual meeting, Pteridological Section.
- Gastony, G. J., and G. Yatskievych. 1992. Phylogenetic relationships in the *Pellaea glabella* complex (Pteridaceae: Cheilantheoideae). Contributed paper, presented by G. J. Gastony at the International Organization of Plant Biosystematists meeting, St. Louis.
- Yatskievych, G. 1992. Why worry about weeds. Invited paper, presented at the Managing Problem Exotic Plant Species in Missouri and the Midwest Workshop, Columbia, MO.
- Yatskievych, G., G. J. Gastony, and M. D. Windham. 1991. Generic concepts in cheilanthoid ferns. *Amer. J. Bot.* 78(supplement): 150. Invited paper, presented at the symposium, “The Pteridophytes of Mexico,” Botanical Society of America annual meeting, Pteridological Section.
- Gastony, G. J., and G. Yatskievych. 1991. Inheritance of chloroplast and mitochondrial genomes in cheilanthoid ferns (Adiantaceae subfamily Cheilantheoideae). *Amer. J. Bot.* 78(supplement): 151. Contributed paper, presented by G. J. Gastony at the Botanical Society of America annual meeting, Pteridological Section.
- Yatskievych, G. 1990. Progress toward a revised flora of Missouri. Contributed paper, Missouri Academy of Science annual meeting, Biology Section.
- Yatskievych, G., G. J. Gastony, and D. B. Stein. 1990. Chloroplast DNA phylogenies: techniques and applications to some polystichoid ferns. Invited paper, presented at the symposium, “Nucleic Acids: Application to Pteridophyte Phylogeny,” International Association of Pteridologists conference on “Progress in Pteridology,” University of Michigan, Ann Arbor.
- Yatskievych, G. 1989. Systematics and evolution of the fern genus *Phanerophlebia*. Contributed paper, presented at Dept. of Biology, Spring Semester Symposium, Indiana University.
- Yatskievych, G., M. D. Windham, and E. Wollenweber. 1989. A reconsideration of the genus *Pityrogramma* Link (Adiantaceae) in the southwestern United States. *Amer. J. Bot.* 76(supplement): 209. Contributed paper, presented at the Botanical Society of America annual meeting, Pteridological Section.
- Yatskievych, G. 1989. Evolution and systematics of some neotropical ferns. Invited seminar, presented to the Division of Biological Sciences, University of Missouri–Columbia.
- Yatskievych, G. 1989. Flora of Missouri: past, present, and future. Invited seminar (John Dwyer lecture), presented to the Dept. of Biology, Saint Louis University.
- Yatskievych, G. 1988. Progress toward a revised flora of Missouri. Invited paper, presented at the Symposium on the Flora and Phytogeography of the Interior Highlands (in honor of Dr. Paul Redfearn), Southwest Missouri State University.

PUBLISHED ABSTRACTS, PRESENTATIONS, POSTERS (continued):

- Yatskievych, G. 1988. Antheridiogen response in the fern genera *Phanerophlebia*, *Cyrtomium*, and *Polystichum* (Dryopteridaceae). *Amer. J. Bot.* 75(6, pt. 2): 145. Contributed paper, presented at the Botanical Society of America annual meeting, Pteridological Section.
- Stein, D. B., and G. Yatskievych. 1987. Chloroplast DNA evolution and phylogeny of the Polystichoid ferns. Invited paper, presented by D. B. Stein at the symposium "Chemosystematics in Pteridophytes," XIV International Botanical Congress.
- Yatskievych, G., and R. Moran. 1987. Primary divergence and species concepts in ferns. *Amer. J. Bot.* 74: 708. Invited paper, presented at the symposium, "Species Concepts in the Pteridophytes," Botanical Society of America annual meeting, Pteridological Section.
- Yatskievych, G., and G. J. Gastony. 1987. Hybridization and polyploidy in the fern genus *Phanerophlebia*. *Amer. J. Bot.* 74: 715. Contributed paper, presented at the Botanical Society of America annual meeting, Pteridological Section.
- Yatskievych, G., and K. McCrary. 1986. Floristic inventory of the Yellow Birch Ravine Nature Preserve, Crawford County, Indiana. Contributed paper, Indiana Academy of Science annual meeting, Plant Taxonomy Section.
- Yatskievych, G., M. A. Homoya, and D. R. Farrar. 1986. The fern genera *Vittaria* and *Trichomanes* in Indiana. Contributed paper, Indiana Academy of Science annual meeting, Plant Taxonomy Sect.
- Wollenweber, E., K. Mann, and G. Yatskievych. 1986. Aglycones flavoniques dans l'excretat des feuilles de quelques plantes du Mexique et des Etats Unis. Poster, Groupe Polyphénols annual meeting.
- Yatskievych, G. 1984. Taxonomy of the Lennoaceae. *Amer. J. Bot.* 71(5, pt. 2): 576. Contributed paper, Botanical Society of America annual meeting, Systematics Section.
- Yatskievych, G. 1981. Some uses of scanning electron microscopy in vascular plant taxonomy. Contributed paper, Tenth Western Regional Meeting of Electron Microscopists.
- Yatskievych, G., and C. E. Jenkins. 1980. Plant zonation of Hooker Cienega, Graham County, Arizona. *J. Arizona- Nevada Acad. Sci.* 15(supp.): 19. Contributed paper presented by C. E. Jenkins, Arizona-Nevada Academy of Science annual meeting, Botanical Sciences Section.

FIELD EXPERIENCE:

Alabama—2003	Michigan—1987, 1989, 1993,	Wisconsin—2001
Arizona—1978–present	1994	
Arkansas—1988, 1990, 2003, 2005, 2006–2008	Mississippi—2003	Brazil—2010
California—1980–1982, 1984, 1988, 1990, 2005	Missouri—1987–present	Canada—2008
Colorado—1984, 1997	Nevada—1980	China—2001, 2002, 2004, 2010
Florida—1984	New Mexico—1982, 1984–1985, 2001	Costa Rica—1986
Illinois—1985, 1992, 1994, 1998, 2003, 2007, 2008	Oklahoma—1985, 2007	Mexico—1980–1986, 1989, 2005–2007, 2009, 2011
Indiana—1982–present	Oregon—2000	Nepal—2009
Massachusetts—1986, 1987	South Carolina—1983	
	Texas—1981, 1983–1986, 1991	

RESEARCH INTERESTS:

Systematics of
pteridophytes and parasitic angiosperm families.
Floristics and biogeography of the United States
(especially Missouri) and Mexico. Plant conservation
and invasive exotic species.

CONTACT ME:

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