

CURRICULUM VITAE

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born: Syracuse, KS

May 17, 1957

PRESENT POSITION

Kansas Biological Survey, University of Kansas

Senior Scientist (0.50 FTE). Responsibilities include: plant community ecology research, field inventories and information processing for plant communities and rare species for the Kansas Natural Heritage Inventory, research program in prairie and wetland ecology and restoration, ethnobotany, and report and grant writing (Summer 1992–present).

Environmental Studies Program, University of Kansas

Professor (0.50 FTE). Responsibilities include: teaching Environmental Impact Assessment, Ethnobotany, and other courses, advising students, and other program responsibilities (Fall 1996–present).

Courtesy Associate Professor. Ecology and Evolutionary Biology Department, Department of Geography, and Global Indigenous Nations Studies, University of Kansas, and Department of Pharmacy Practice, School of Pharmacy, University of Kansas Medical Center.

EDUCATION

Ph.D. in Systematics and Ecology, University of Kansas. Dissertation title: "Prairie Plant Guilds: An Ordination of Prairie Plant Species Based on Ecological and Morphological Traits," 1991.

M.S. in Systematics and Ecology, University of Kansas. Thesis title: "Medicinal Prairie Plants," 1988.

B.A. in Environmental Studies with Honors and Distinction, University of Kansas, 1979.

PREVIOUS PROFESSIONAL EXPERIENCE

Kansas Land Trust, Lawrence, Kansas, Executive Director (Spring 1991–Summer 1992).

Kansas Ecological Reserves Program, University of Kansas, Research Assistant (Summer 1989–Spring 1991).

Kansas Biological Survey, Lawrence, Kansas, Research Assistant (Fall 1989–Summer 1990; Summer 1986–Spring 1987).

Community Garden Coalition, Columbia, Missouri, Director (1984–Spring 1986).

TEACHING EXPERIENCE (at the University of Kansas)

Environmental Studies 342/ANTH 542 Ethnobotany (2014, 25 students)
 Environmental Studies 615 Capstone (2014, 53 students)
 Environmental Studies 342/ANTH 542 Ethnobotany (2013, 25 students)
 Environmental Studies 702 Energy Community and Ecology in KS (2013, 18 students)
 Environmental Studies 342/ANTH 542 Ethnobotany (2012, 24 students)
 Environmental Studies 615 Capstone (2012 69 students)
 Environmental Studies 342/ANTH 542 Ethnobotany (2011, 25 students)
 Environmental Studies 615 Capstone (Environmental Impact Assessment) (2010, 60 students)
 Environmental Studies 702 Energy Community and Ecology in KS (2009, 12 students)
 Environmental Studies 342/ANTH 542 Ethnobotany (2008, 28 students)
 Environmental Studies 615 Environmental Impact Assessment (2007, 34 students)
 Environmental Studies 342 Ethnobotany (2006, 28 students)
 Environmental Studies 615 Environmental Impact Assessment (2005, 37 students)
 Environmental Studies 342 Ethnobotany (2004, 19 students)
 Environmental Studies 615 Environmental Impact Assessment (2003, 35 students)
 Environmental Studies 342 Ethnobotany (2002, 20 students)
 Environmental Studies 342 Ethnobotany (2000, 25 students)
 Environmental Studies 615 Environmental Impact Assessment (1999, 65 students)
 Environmental Studies 615 Environmental Impact Assessment (1997, 85 students)
 Biology 701 Topics in Prairie and Wetland Restoration (1996, 16 students)

PUBLICATIONS (Refereed)

C. Cao, H. Zhang, R.J. Gallagher, V.W. Day, K. Kindscher, P. Grogan, M.S. Cohen, and B.N. Timmermann. (in press). “Withanolides from *Physalis hispida*.” *Journal of Natural Products* 01/2014; DOI:10.1021/np400953n.

Kindscher K., S. M. Corbett, and K. McClure. 2013. “A Statistical Analysis of Medicinal Plants: A Case Study of Plant Families in Kansas and the Great Plains.” *Transactions of the Kansas Academy of Science* 116:149-155.

Kindscher, K., Q. Long, S. Corbett, K. Bosnak, H. Loring, M. Cohen, and B.N. Timmermann. 2012. The Ethnobotany and Ethnopharmacology of Wild Tomatillos, *Physalis longifolia* Nutt., and Related *Physalis* Species: A Review. *Economic Botany* 66: 298-310.

Kindscher, K., R. Craft, K. Bosnak, and B.N. Timmermann. 2012. “The Lucius Sayre Legacy: Reviving the Study of Medicinal Plants of the Plains.” *Transactions of the Kansas Academy of Science* 115: 19-26.

Samadi, A.K., J. Bazzill, X. Zhang, R. Gallagher, H. Zhang, R. Gollapudi, K. Kindscher, B. Timmermann, and M.S. Cohen. 2012. Novel Withanolides Target Medullary Thyroid Cancer

through Inhibition of both RET Phosphorylation and the Mammalian Target of Rapamycin Pathway. *Surgery* 152:1238-47.

Zhang, H., H. Motiwala, A. K. Samadi, V. Day, J. Aube, M. S. Cohen, K. Kindscher, R. Gollapudi, and B. N. Timmermann. 2012. Minor Withanolides of *Physalis longifolia*: Structure and Cytotoxicity. *Chemical and Pharmaceutical Bulletin* 60: 1234—39.

Bosnak, K., K. Kindscher, R. Craft, and B.N. Timmermann. 2012. “The University of Kansas School of Pharmacy Medicinal Plant Garden: Case Study of a New Teaching Garden with a History.” *HerbalGram: The Journal of the American Botanical Council* 95:38-45.

Zhang, X., A. K. Samadi, K. F. Roby, B. Timmermann, and M. S. Cohen. 2012. “Inhibition of Cell Growth and Induction of Apoptosis in Ovarian Carcinoma Cell Lines CaOV3 and SKOV3 by Natural Withanolide Withaferin A,” *Gynecologic Oncology* 124: 606–612.

Zhang, H. J. Bazzill, R. Gallagher, C. Subramanian, P.T. Grogan, V.W. Day, K. Kindscher, M.S. Cohen MS, and B.N. Timmermann. 2012. “Antiproliferative Withanolides from *Datura wrightii*.” *Journal of Natural Products* 1021/np300766p.

Miesner, S., H. Frosch, K. Kindscher, S. Tichy, and K. Manfredi. 2012. “Benzyl Benzoate Glycosides from *Oligoneron rigidum*”, *Journal of Natural Products* 75: 1903-1908.

Araya, J., F. Binns, K. Kindscher, and B. Timmermann. 2012. “Verticilloses A–M: Polyoxygenated pregnane glycosides from *Asclepias verticillata* L.” *Phytochemistry* 78:179-89

Ferreira, M.P., Gendron, F., & K. Kindscher. 2012. “Bioactive Prairie Plants & Aging Adults: Role in Health and Disease” In: *Bioactive Foods as Dietary Interventions for the Aging Population*. Elsevier Science Publishers, Oxford, England.

Araya, J.; K. Kindscher; and B. Timmermann. 2012. “Cytotoxic cardiac glycosides and other compounds from *Asclepias syriaca*.” *Journal of Natural Products* 75:400-407.

Zhang, H., A. K. Samadi, R. J. Gallagher, J. J. Araya, X. Tong, V. W. Day, M. S. Cohen, K. Kindscher, R. Gollapudi, and B. N. Timmermann. 2011. “Cytotoxic withanolide constituents of *Physalis longifolia*.” *Journal of Natural Products* 74: 2532–2544.

Questad, E., B. Foster, S. Jog, K. Kindscher, and H. Loring. 2011. “Evaluating patterns of biodiversity in managed grasslands with spatial turnover metrics.” *Biological Conservation* 144: 1050-58.

Kindscher, K., H. Kilroy, J. Delisle, Q. Long, H. Loring, K. Dobbs, and J. Drake. 2011. *Vegetation mapping and classification of Tallgrass Prairie National Preserve: Project report*. Natural Resource Report NRR/HTLN/NRR—2011/346. National Park Service, Fort Collins,

Colorado.

Kindscher, K., H. Kilroy, J. Delisle, Q. Long, H. Loring, K. Dobbs and J. Drake. 2011. Vegetation mapping and classification of Homestead National Monument of America. Natural Resource Report NPS/HTLN/NRR—2011/345. National Park Service, Fort Collins, Colorado.

Kindscher, K., Q. Long, and H. Loring. 2010. "Wetlands Along the Gila River in Southwestern New Mexico". Natural History of the Gila Symposium, New Mexico Botanist, special issue 2: 116-121. New Mexico State University, Las Cruces, New Mexico.

Felger R. & K. Kindscher. 2010. "Trees of the Gila Forest Region, New Mexico". Natural History of the Gila Symposium, New Mexico Botanist, special issue 2: 38-66. New Mexico State University, Las Cruces, New Mexico.

Gehring, R. and K. Kindscher. 2010. "The Medicinal Use of Native North American Plants in Domestic Animals." In *Ethnoveterinary Botanical Medicine: Herbal Medicines for Animal Health*. R. D. Katerere and D. Luseba, editors. CRC Press, Boca Raton, Florida, pages 213-230.

B. Foster, I.S. Khavin, C. Murphy, V. Smith, M.E. Ramspott, K. Price, and K. Kindscher. 2010. "Integrated responses of grassland biodiversity and ecosystem properties to hay management: A field experiment." Transactions of the Kansas Academy of Science 113: 103-119

Debinski, D., H. Wickham, K. Kindscher, J. Caruthers, and M. Germino. 2010. "Montane Meadow Change During Drought Varies with Background Hydrologic Regime and Plant Functional Group." Ecology 91:1672-81.

B. Foster, K. Kindscher, G. Houseman, and C. Murphy. 2009. "Effects of Hay Management and Native Species Sowing on Plant Community Structure, Biomass, and Restoration." Ecological Applications 19:1884-1896.

Kindscher, K., Price, D, M. and L. Castle. 2008. "Re-sprouting of *Echinacea angustifolia* Augments Sustainability of Wild Medicinal Plant Populations." Economic Botany 62: 1-9.

D. Worster, E. Schultz, K. Kindscher, E. Robinson, and K. Gerstner. 2008. The Nature of Kansas Lands. University Press of Kansas.

K. Kindscher. 2008. "Vegetation and Habitat Along the Gila River in Southwestern New Mexico". Natural History of the Gila Symposium, New Mexico Botanist, special issue 1: 49-53, Las Cruces, New Mexico.

B. L. Foster, C.A. Murphy, K. Keller, T. Aschenbach, E.J. Questad and K. Kindscher. 2007. "Restoration of prairie community structure and ecosystem function in an abandoned hayfield: a sowing experiment." Restoration Ecology 62: 1-9.

Long, Q. and K. Kindscher. 2007. A Comparison of the Influence of Disturbance Regimes on

- Native Forbs (Kansas).” Ecological Restoration 25: 129-30.
- Price, D. H. and K. Kindscher. 2007. “One Hundred Years of *Echinacea angustifolia* Harvest in the Smoky Hills of Kansas, USA.” Economic Botany 61: 86-95.
- Stotts, Caleb, M. Palmer, and K. Kindscher. 2007. “The Need for Savanna Restoration in the Cross Timbers.” Oklahoma Native Plant Record 7:78-90.
- Weber, M., C. Knov, K. Kindscher, R. Brown, S. Niemann, and J. Chapman. 2007. Identification of Medicinally Active Compounds in Prairie Plants by HPLC Coupled to Electron Impact-Mass Spectrometry. American Laboratory 39: 9-11.
- Powell, A., W. Busby, and K. Kindscher. 2006. “Status of the Regal Fritillary (*Speyeria idalia*) and effects of fire management on its abundance in northeastern Kansas, USA.” Journal of Insect Conservation, November 2006, 10 pages.
- Aschenbach, T and K. Kindscher. 2006 “Plant Species on Salt-affected Soil at Cheyenne Bottoms, Kansas.” Transactions of the Kansas Academy of Science 109:207-213.
- Ashworth, S., B. Foster, and K. Kindscher. 2006. Relative Contributions of Adjacent Species Set and Environmental Conditions to Plant Community Richness and Composition in a Group of Created Wetlands. Wetlands 26:149-167.
- Jog, S. and E. Questad, K. Kindscher, B. Foster, and H. Loring 2006. "Floristic Quality as an Indicator of Native Species Diversity within Managed Grasslands" Natural Areas Journal 26:149-167.
- Fraser, A., and K. Kindscher. 2005. “Spatial Distribution of *Spartina pectinata* Transplants to Restore Wet Prairie.” Restoration Ecology 13: 144-151.
- Kindscher, K., T. Aschenbach, and S. Ashworth. 2004. “Wetland Vegetation Response to the Restoration of Sheet Flow at Cheyenne Bottoms, Kansas.” Restoration Ecology 12 (3): 368-375.
- Kindscher, K. 2004. “Plant Lore.” In Encyclopedia of the Great Plains, ed. David J. Wishart. University of Nebraska Press, Lincoln, p. 309.
- Su, J.C., D.M. Debinski, M.E. Jakubauskas, and K. Kindscher. 2004. “Beyond Species Richness: Community Similarity as a Measure of Cross-Taxon Congruence for Coarse-Filter Conservation.” Conservation Biology 18:167–173.
- Aschenbach, T., and K. Kindscher. 2003. “Comparison of Planting Treatments in a Tallgrass Prairie Restoration.”. Pages 44-48 in S. Foré (ed.), Proceedings of the 18th North American Prairie Conference: Promoting Prairie, Truman State University, Kirksville, MO, June 2002.
- Barnes, C.C., M.K. Smalley, K.P. Manfredi, K. Kindscher, H. Loring, and D.M. Sheeley. 2003.

“Characterization of an Anti-tuberculosis Resin Glycoside from the Prairie Medicinal Plant *Ipomoea leptophylla*.” Journal of Natural Products 66:1457–1462.

Debinski, D.M., M.E. Jakubauskas, K. Kindscher, E.H. Saveraid, and M. Borgognone. 2002. “Predicting Meadow Communities and Species Occurrences in the Greater Yellowstone Ecosystem.” Pages 499–506 of Predicting Species Occurrences: Issues of Scale and Accuracy, ed. J.M. Scott, P.J.M. Morrison, M. Raphael, J. Haufler, and B. Wall. Island Press, Covelo, CA.

Fraser, A., and K. Kindscher. 2001. “Tree Spade Transplanting of *Spartina pectinata* (Link) and *Eleocharis macrostachya* (Britt.) in a Prairie Wetland Restoration.” Aquatic Botany 71(4):297–304.

Jakubauskas, M.E., K. Kindscher, and D.M. Debinski. 2001. “Spectral and Biophysical Relationships of Montane Sagebrush Communities in Multitemporal SPOT XS Data.” International Journal of Remote Sensing 22:1767–78.

Vallurupalli, V., M. Demidova, K. Kindscher, L.K. Pannell, and K.P. Manfredi. 2001. “A New Prenylated Bibenzyl from *Glycyrrhiza lepidota*.” Phytochemistry 58:153–157.

Saveraid, E.H., D.M. Debinski, K. Kindscher, and M.E. Jakubauskas. 2001. “A Comparison of Satellite Data and Landscape Variables in Predicting Bird Species Occurrences in the Greater Yellowstone Ecosystem.” Landscape Ecology 16(1):71–83.

Kindscher, K., and A. Fraser. 2000. “Planting Forbs First Provides Greater Species Diversity in Tallgrass Prairie Restorations.” Ecological Restoration 18:115–116.

Jakubauskas, M.E., K. Kindscher, A. Fraser, and D.M. Debinski 2000. “Close-Range Remote Sensing of Aquatic Macrophyte Vegetation Cover.” International Journal of Remote Sensing 21:3533–3538.

Debinski, D.M., M.E. Jakubauskas, and K. Kindscher. 2000. “Montane Meadows as Indicators of Environmental Change. Environmental Monitoring and Assessment 64:213–225.

Kettle, W.D., P.M. Rich, K. Kindscher, G.L. Pittman, and P. Fu. 2000. “Land-Use History in Ecosystem Restoration: A 40-Year Study in Prairie-Forest Ecotone.” Restoration Ecology 8:307–317.

Anderson, H.W., W. Silberstein, M. Cobb, and K. Kindscher. 2000. “Conservation Easements in the 10th Federal Circuit.” In Protecting the Land: Conservation Easements, Past, Present, and Future, ed. Julie Ann Gustanski and Roderick H. Squires. Island Press, Covelo, CA.

Fraser, A., and K. Kindscher. 1999. “Tree Spade Used to Establish Wetland Grasses, Rushes, and Sedges.” Ecological Restoration 17:162–163.

Lauver, C.L., K. Kindscher, D. Faber-Langendoen, and R. Schneider. 1999. "A Classification of the Natural Vegetation of Kansas." Southwest Naturalist 44:421–444.

Row, J.M., R.L. Wynia, T.C. Conway, and K. Kindscher. 1999. "Propagation of Mead's Milkweed." Pages 235–242 of the Proceedings of the 16th North American Prairie Conference, ed. Joseph T. Springer. University of Nebraska at Kearney.

Aschenbach, T.A., and K. Kindscher. 1999. Review of "The Tallgrass Restoration Handbook for Prairies." Restoration Ecology 7:212–214.

Davison, C., and K. Kindscher. 1999. "Tools for Diversity: Fire, Grazing, and Mowing on Tallgrass Prairies." Ecological Restoration 17:136–143.

Debinski, D., K. Kindscher, and M.E. Jakubauskas. 1999. "A Remote Sensing and GIS-Based Model of Habitats and Biodiversity in the Greater Yellowstone Ecosystem." International Journal of Remote Sensing 17:3281–3291.

Kindscher, K., K.P. Manfredi, M. Britton, M. Demidova, and D. Hurlburt. 1998. "Testing Prairie Plants with Ethnobotanical Importance for Anti-Cancer and Anti-AIDS Compounds." Journal of Ethnobiology 18:229–245.

Kindscher, K., and L. Tieszen. 1998. "Floristic and Soil Organic Matter Changes after Five and Thirty-Five Years of Native Tallgrass Prairie Restoration." Restoration Ecology 6:181–196.

Kindscher, K., and D. Hurlburt. 1998. "Huron Smith's Ethnobotany of the Hocak (Winnebago)." Economic Botany 52:352–372.

Kindscher, K., A. Fraser, M.E. Jakubauskas, and D. Debinski. 1998. "Identifying Wetland Meadows in Grand Teton National Park Using Remote Sensing and Average Wetland Values." Wetlands Ecology and Management 5:265–273.

Jakubauskas, M.E., K. Kindscher, and D. Debinski. 1998. "Multitemporal Characterization and Mapping of Montane Sagebrush Communities Using Indian IRS LISS-II Imagery." Geocarto International 13(4):65–74.

Kindscher, K., and N. Scott. 1997. "Land Ownership and Tenure of the Largest Land Parcels in the Flint Hills of Kansas." Natural Areas Journal 17:131–35.

Kindscher, K., and P.V. Wells. 1995. "Prairie Plant Guilds: An Ordination of Prairie Plant Species Based on Ecological and Morphological Traits." Vegetatio 117:29–50.

Kindscher, K. 1994. "Rockefeller Prairie: A Case Study of Plant Guild Classification of a Tallgrass Prairie." Pages 123–140 of Proceedings of the 13th North American Prairie Conference: Spirit of the Land, Our Prairie Legacy, ed. Robert G. Wicket, Patricia Dolan Lewis, Allan Woodliffe, and Paul Pratt. Department of Parks and Recreation, Windsor, Ontario.

Kindscher, K. 1992. Medicinal Wild Plants of the Prairie—an Ethnobotanical Guide. Lawrence: University Press of Kansas, 340 pages.

Kindscher, K. 1991. "Colorado Flora: Eastern Slope." A review of William Weber's book by this title published by University Press of Colorado. Great Plains Quarterly 11(4):280.

Kindscher, K. 1989. "The Ethnobotany of the Purple Coneflower (*Echinacea angustifolia*) and other *Echinacea* species." Economic Botany 43(4):498–507.

Kindscher, K. 1987. Edible Wild Plants of the Prairie—an Ethnobotanical Guide. Lawrence: University Press of Kansas. 270 pages.

Kindscher, K. 1986. "The Ethnobotanical Use of Native Prairie Plants for Food." Section 2.04 of Proceedings of the Tenth North American Prairie Conference, ed. Arnold Davis and Geoffrey Stanford. Native Prairie Association of Texas, Texas Woman's University, Denton.

Kindscher, K. 1982. The Kansas Food System: Analysis and Action Toward Sustainability. Emmaus, PA: Rodale Press.

PUBLICATIONS (Not in a peer reviewed journal)

Kindscher, K, J. Yang, Q. Long, R. Craft, and H. Loring. 2013. Harvest Sustainability Study of Wild Populations of Osha, *Ligusticum porteri*. Open-File Report No. 176. Kansas Biological Survey. Lawrence, KS., 20 pp.

Kindscher, K. 2013. Lewis and Clark's Influence on Echinacea. Journal of Medicinal Plant Conservation, Spring 2013, p. 14.

Young, B., E. Peltier, and K. Kindscher. 2010. "Relating Vegetation Composition in a Bio-retention Cell to Small-scale Hydrologic and Topographic Variability." Proceedings of the World Environmental and Water Resources Congress 2010 Proceedings, pages 1451-1457.

Norris, W., R. Felger, & K. Kindscher. 2010. Introduction to the Proceedings. Pages 1-2 in W. Norris, Felger, & K. Kindscher, editors, Proceedings of the Second Natural History of the Gila Symposium, October 16–18, 2008, Silver City, New Mexico. The New Mexico Botanist, Special Issue 2, October 2010.

Kindscher, K. 2009. "Plains Apache Ethnobotany." Review of book by Julia Jordan. Journal of Ethnobiology 29: 365-67.

Kindscher, K. 2009 (1986). Gardening With Southeast Asian Refugees. Community Garden

Coalition, Inc., Columbia, Missouri; updated and revised in 2009.

Kindscher, K., W. Busby, R. Craft, J. Delisle, C. Freeman, H. Kilroy, Q. Long, H. Loring, R. Moranz, and F. Norman. 2009. "A Natural Areas Inventory of Anderson and Linn Counties in Kansas." Kansas Biological Survey Open-file Report, No. 158, Lawrence, KS. 79 pp.

Kindscher, K. 2009. "High Plains Horticulture: A History." Review of a book by John Freeman. *Kansas History: A Journal of the Central Plains* 32.

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Kindscher, F. Norman and L. Byczynski. 2009. "Floristic Quality of Vegetation at Lead and Zinc Mined Lands in Cherokee County, Kansas" Kansas Biological Survey Open-file Report, No. 149, Lawrence, KS. 67 pp.

Kindscher, K., Q. Long, and L. Byczynski. 2008. "Mead's Milkweed Reintroduction Plan for Marais des Cygnes National Wildlife Refuge." Kansas Biological Survey Open-file Report, No. 152, Lawrence, KS. 12 pp.

Kindscher, K., R. Jennings, W. Norris, and R. Shook. 2008. "Birds, Reptiles, Amphibians, Vascular Plants, and Habitat in the Gila River Riparian Zone in Southwestern New Mexico." Kansas Biological Survey Open-File Report No. 151, Lawrence, KS. ii + 42 pp.

Kindscher, K. and W.R. Norris, eds. 2008. "Introduction." *Proceedings of the First Natural History of the Gila Symposium.*, New Mexico Botanist, special issue 1:5, Las Cruces, New Mexico.

Foster, B. and K. Kindscher. 2007. "Controls On Biodiversity and Ecosystem Function in Managed Grasslands." National Resource Initiative Research Highlights. 2007, No. 2.

Busby, W.H., J.M. Delisle, C.C. Freeman, K. Kindscher, H. Loring, D.E. Nimz, and C.J. Schmidt. 2007. A Natural Features Inventory of the Smoky Hill ANG Range, Kansas. Kansas Biological Survey Open-file Report No. 137, Lawrence, KS. 403 pp.

Kindscher, K. 2006. "Conservation Status of Echinacea Species." Report to the US Forest Service. 247 pages.

Kindscher, K. 2006. "Natural Resource Inventory and Restoration Plan for the Black Jack Battlefield Site." Kansas Biological Survey Open-file Report, No. 129, Lawrence, KS. 21 pp.

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White, S. and K. Kindscher. 2006. "Natural Resource and Open Space Assessment and Planning Recommendations for Miami County, Kansas." Kansas Biological Survey Open-File Report, No. 126, Lawrence, KS. 30 pp.

Kindscher, K. 2006. "Forward" to A Taste of Heritage—Crow Indian Recipes and Herbal Medicines, by Alma Snell. University of Nebraska Press.

Kindscher, K, W. Busby, J. Delisle, J. Dropkin, and C. Freeman. 2005. "A Natural Areas Inventory of Douglas, Johnson, Leavenworth, Miami, and Wyandotte Counties in Northeast Kansas." Kansas Biological Survey Open-File Report, No. 124, Lawrence, KS. 79 pp.

Loring, Hillary, Kelly Kindscher, and Jennifer Delisle. 2005. "A Survey of Natural Area Sites in Cherokee County, Kansas." Kansas Biological Survey Open-File Report, No. 125, Lawrence, KS. 33 pp.

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Kindscher, K. and J. Holah. 1998. "An Old-Growth Definition of Western Hardwood Gallery Forest." U.S.D.A. Forest Service, Southern Research Station, General Technical Report SRS-22, 12 pages.

Kindscher, K., L. Kahn, and A. Fraser. 1998. "Identification of Wetland Restoration Sites on the Potawatomi Indian Reservation." Kansas Biological Survey Open-file Report, No. 81, 36 pages.

Dodds, W.K., D.C. Hartnett, A. Joern, K. Kindscher, J. Stubbendick, J.S. Zimmerman, and R. D. Hiebert. 1998. "Opportunities to Enhance and Maintain the Tallgrass Prairie Ecosystem within the Boundaries of the Tallgrass Prairie National Preserve." National Park Service, Midwest Region, Omaha, NE, 38 pages.

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Kindscher, K., S. Wilson, A. Fraser, and C. Lauver. 1996. "Vegetation Analysis of Western Kansas Playa Lakes—1993–1995. Kansas Biological Survey Open-file Report, No. 70, 38 pages.

Lauver, C.L., W. H. Busby, and K. Kindscher. 1996. “Identification and Delineation of Loggerhead Shrike Habitat on the Fort Riley Military Reservation.” Kansas Biological Survey Open-file Report, No. 69, 33 pages.

Kindscher, K. 1995. “Kansas Landscape Patterns and Biodiversity.” The Land Report 53:16–18.

Kindscher, K., and L. Mitscher. 1993. "Ingredient Safety Review for the Purple Coneflower, Echinacea purpurea and Echinacea angustifolia.” Submitted to the Herb Research Foundation, Boulder, CO for use in a Food and Drug Administration review.

Kindscher, 1992. "Restoring and Creating Wetlands: A Planning Guide for the Central States Region: Iowa, Kansas, Missouri, and Nebraska." U.S. Environmental Protection Agency, Region 7; Bob Barber, project officer.

Freeman, C.C.. and K. Kindscher. 1992. "Supporting Documentation for Tasks 4 and 5: Environmental Segments 2, 3, and 5—SE Kansas Corridor Endangered and Threatened Species." Kansas Biological Survey Open-file Report, No. 51, 23 pages.

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Freeman, C.C., W.D. Kettle; K. Kindscher; R.E. Brooks; V.C. Varner; and C.M. Pitcher. 1991. "Vascular Plants of the Kansas Ecological Reserves." In W.D. Kettle and D.O. Whittemore, eds. "Ecological and Hydrogeology of the Kansas Ecological Reserves and the Baker Wetlands." Kansas Geological Survey Open-file Report, No. 91-35.

Kindscher, K. 1989. "Inventory of Potential Wetland Restoration Sites in the Lawrence, Kansas—Wakarusa Valley Area." U.S. Environmental Protection Agency. National Network for Environmental Management Studies Report, September.

Kindscher, K. 1989. "Lamb's Quarters Lasagne." Pages 225–226 in The Kansas Cookbook—Recipes from the Heartland, edited by Frank Carey and Jayni Naas. Lawrence: University Press of Kansas.

Kindscher, K. 1986. "Prairie Botanicals." Business of Herbs (September/October). Mountain View, AR.

Kindscher, K. 1985. "Home, Home on the Bioregion." Journal of Community Gardening (Fall). Milwaukee, WI.

Kindscher, K. 1985. "Garden Coalitions in Small Cities." Journal of Community Gardening (Fall). Milwaukee, WI.

Kindscher, K. 1984. "The Prairie Bioregion." RAIN Magazine (March/April). Portland, OR.

Kindscher, K. 1984. "Democratic Promise." Review of Lawrence Goodwyn's Democratic Promise. CoEvolution Quarterly (Spring). Sausalito, CA.

Kindscher, K. 1983. "Bibliography for the North American Prairies." CoEvolution Quarterly (Winter). Sausalito, CA.

GRANT FUNDED PROJECTS

“New Sources of Nutritional Properties from Plants.” K. Kindscher. Kellogg Company. Battle Creek, Michigan. \$60,000. January 2013—December 2013.

“Floristic Quality of Sites in Southeast Kansas.” Kansas Department of Health and Environment and the Kansas Natural Resource Trustee Council. \$40,000. May 2013—May 2015.

“Continuing Discovery of Novel Biomedical Leads from Kansas Plants.” B. Timmermann and K. Kindscher. KU Strategic Initiative, Research Investment Council: Level I Proposal, \$400,000. January 2013—December 2015.

“Sustainability Study of Wild Populations of Osha (*Ligusticum porteri*).” Kelly Kindscher. US Forest Service. \$27,000. July 2012—June 2017.

“Sustainability Study of Wild Populations of Osha (*Ligusticum porteri*).” Kelly Kindscher. American Herbal Products Association Foundation. \$10,000. August 2012—July 2013.

“Food Utopias: An Interdisciplinary Exploration of Ideal Food Systems.” P. Stock, T. Miller, K. Kindscher, K. Meyer, C Rosin, M. Carolan, Z. Gille, and G. Shoffstall. The Commons, University of Kansas. \$14,300. October 2012—September 2013.

“United Plant Savers At-Risk List Medicinal Plant Project.” Kelly Kindscher. United Plant Savers. \$8,000. July 2012—June 2013.

“Innovation Center for Advanced Plant Design: Plants for the Heartland, Year 3.” B. Timmermann and K. Kindscher. Heartland Plant Innovations (Kansas BioScience Authority). \$500,000. July 2011—December 2013.

“The Kansas Medicinal Plant Education and Conservation Project.” S. Corbett and K. Kindscher. The Kingsbury Family Foundation. \$74,250. July 2011—June 2014.

“Rare Species Survey for Ft. Scott, Kansas Municipal Airport Expansion.” K. Kindscher and S. Corbett. H.W. Lochner, Inc. \$5,000. Sept 2011—December 2011.

“Innovation Center for Advanced Plant Design: Plants for the Heartland, Year 2.” B. Timmermann and K. Kindscher. Heartland Plant Innovations (Kansas BioScience Authority). \$1,022,682. July 2010—June 2011.

“Pharmacy Garden at the KU School of Pharmacy.” B. Timmermann and K. Kindscher. Heartland Plant Innovations. \$20,000. August 2010—July 2013.

“Innovation Center for Advanced Plant Design: Plants for the Heartland, Year 1.” B. Timmermann and K. Kindscher. Heartland Plant Innovations (Kansas BioScience Authority). \$828,811. July 2009—July 2010.

“Developing a Native Ecosystem and Prairie Grazing Management Plan for Smoky Hill Air National Guard Range, Kansas.” K. Kindscher. HydroGeoLogic, Inc., October 2008—September 2009. \$13,500.

“Assessment of the Short and Long Term Effectiveness of Bio-retention Cells Treating Paved Surface Runoff in Lenexa, Kansas.” E. Peltier, B. Young, and K. Kindscher. City of Lenexa, Kansas. January 2008—June 2010. \$59,040.

“A Systematic Inventory for Natural Areas and Habitat of Protected and Rare Species in Anderson and Linn Counties, and Implementation of Previous and Current Findings in Northeast Kansas Counties.” K. Kindscher, C. Freeman, W. Busby, and J. Delisle. Kansas Department of Wildlife and Parks. October 2007—December 2009. \$240,760.

“Vegetation Classification and Mapping for the Tallgrass Prairie National Preserve and Homestead National Monument.” US Department of Interior, National Park Service, March 2007—July 2010. \$88,230.

“Measuring Habitat Quality Using Floristic Quality Assessment Techniques in Select Locations

in the Cherokee County Superfund Site.” US Fish and Wildlife Service. June 2007—May 2008. \$39,985.

“Mead’s Milkweed Monitoring/Management Plan for Marais des Cygnes National Wildlife Refuge.” US Fish and Wildlife Service. August 2007—September 2008. \$5,000.

“A Natural Areas Inventory of the Fort Leavenworth Military Reservation, Kansas: Follow-up Studies.” W. Busby, C. Freeman, J. Delisle, and K. Kindscher. U.S. Army. September 2007—September 2008. \$100,000.

“Land-Fire Central US Plot Vegetation Data.” NatureServe. September 2007—September 2008. \$6,500.

“Vegetation Mapping and Plant Certification at Fort Larned NHS.” Kelly Kindscher and J. Delisle. National Park Service. June 2006—May 2007. \$13,156.

“Winnebago Ethnobotany and Botanical Resources Project.” Kelly Kindscher. Little Priest Tribal College, Winnebago, Nebraska. June 2006—May 2008. \$27,008.

“Prairie Restoration and Outreach in Eastern Kansas - Phase II.” D. Kettle, W. Busby, H. Alexander, S. Ashworth, J. Delisle, B. Foster, C. Freeman, K. Kindscher, and E. Martinko. National Fish and Wildlife Foundation. March 2007—February 2008, \$75,953.

“Birds, Reptiles, Amphibians and Habitat of Concern in the Gila River Riparian Zone” (K. Kindscher and W. Busby). New Mexico Department of Game and Fish. August 2005—September 2008. \$129,533.

“A Comparison of Multiple Strategies for the Introduction of Native Forbs to Warm Season Grass Plantings.” K. Kindscher. University of Missouri—Columbia (Prairie Fork Conservation Fund). February 2005—2008. \$17,796.

“A Natural Features Inventory of the Smoky Hill ANG Range—Control and Abatement of Invasive and Non-Native Species” (W. Busby, J. Delisle, C. Freeman, and K. Kindscher). US Air Force – Headquarters. November 2005–June 2007. \$71,460.

“Survey of Natural Area Sites in Cherokee County, Kansas.” K. Kindscher. “Phelps Dodge Corporation. July 2005—March 2006. \$30,000.

“Biological Inventory of Fort Larned Historical Site of the Southern Plains Network.” K. Kindscher, B. Busby, and J. Delisle. April 2005—September 2006. National Park Service. \$22,670.

“Prairie restoration and outreach in eastern Kansas.” D. Kettle, W. Busby, H. Alexander, B. Foster, C. Freeman, K. Kindscher, and E. Martinko. June 2005—February 2007. National Fish and Wildlife Foundation. \$80,000.

“Planning for Land Conservation: A Pilot Project for Miami County, Kansas.” S. White and K. Kindscher. Kingsbury Foundation. January 2005—October 2005. \$17,773.

“Mapping the Tallgrass Prairie in the Kansas Flint Hills.” Kansas Corporation Commission. September 2004—April 2005. \$13,000.

“A Systematic Inventory for Natural Areas, Focused on Habitat of Protected and Rare Species in Johnson, Wyandotte, Miami, Leavenworth, and Douglas Counties in Kansas” (K. Kindscher, W. Busby, and C. Freeman). Kansas Department of Wildlife and Parks (USFWS State Wildlife Grant). January 2004–September 2005. \$177,787.

“Data Management System for Information about Protected and Rare Species in Kansas” (C. Freeman, W. Busby, J. Delisle, and K. Kindscher). Kansas Department of Wildlife and Parks (USFWS State Wildlife Grant). January 2004–September 2005. \$57,136.

“A Natural Features Inventory of the Smoky Hill ANG Range, Supplemental Grant” (W. Busby, J. Delisle, C. Freeman, and K. Kindscher). US Air Force – Headquarters. June 2002–June 2007. \$100,000.

“Reclaiming a Healthy History” (J. Drisko, R. Barnoskie, M. Smith, K. Kindscher, A. Weick, B. Prue, J. Peterson, M. Nichols, and S. Corbett). Paul J. Patton Trust. August 2003–June 2005. \$120,692.

“Multi-scaled Constraints on Biodiversity and Ecosystem Function in the Secondary Grasslands of Eastern Kansas” (B. Foster and K. Kindscher). USDA National Resource Initiative. September 2002–September 2007. \$350,000.

“A Natural Features Inventory of the Smoky Hill ANG Range” (W. Busby, J. Delisle, C. Freeman, and K. Kindscher). US Air Force – Headquarters. June 2002–June 2005. \$170,341.

“National Conservation Assessment of *Echinacea* Species” (K. Kindscher, J. Drisko, C. Freeman, C. Lauver). US Forest Service. September 2001–May 2006. \$90,000.

“Field Work and Activities in Support of Integrated Natural Resource Management Planning at Fort Leavenworth Military Reservation” (D. Kettle, W. Busby, J. Delisle, C. Freeman, and K. Kindscher). US Army. April 2004–December 2004. \$27,603.

“Buck Mountain Ranch Project.” Terry Fox, Buck Mountain Ranch. June 2003–May 2004. \$9,902.

“Linking Remote Sensing, Land Use, and Carbon Sequestration: Insights from Leaf to Landscape Scales in America's Heartland.” (K. Price, E. Martinko, S. Egbert, M. Jakubauskas, T. Crooks, J. Whistler, B. Foster, C. Martin, K. Kindscher, D. Kettle, and H. Tian). 2001 NASA Carbon Cycle. June 2001–May 2003. \$997,800.

- “Using Ecological Systems as Land Cover Map Units for the GAP Analysis System” (K. Kindscher). NatureServe. September 2001–December 2002. \$21,566.
- “Establishment of a Data Management System for Information About Protected and Rare Species in Kansas: A Joint Effort Between the Kansas Biological Survey and Kansas Department of Wildlife and Parks” (C. Freeman, W. Busby, and K. Kindscher). June 2002–December 2003. \$49,180.
- “Southeast Kansas Floristic Quality Assessment” (K. Kindscher and C. Freeman). Kansas Department of Health and Environment. May 2002–April 2003. \$10,000.
- “A Natural Features Inventory of the Fort Leavenworth Military Reservation” (C. Freeman, W. Busby, D. Kettle, and K. Kindscher). US Army (USARMRAA). July 2002–July 2003. \$98,288.
- “Preliminary Analysis of Historic Vegetation in the Marais des Cygnes Ecosystem (Kansas)” (D. Kettle and K. Kindscher). Kansas Department of Wildlife and Parks. November 2001–November 2002. \$4,200.
- “Useful Plants of the Big Bend National Park/Chihuahuan Desert Region.” Elizabeth Winston Mize. November 2001–December 2003. \$37,000.
- “Vegetation survey of Fort Riley, Kansas” (C. Freeman and K. Kindscher). US Army. February 2002–February 2004. \$150,000.
- “Long-Term Monitoring of Montane Meadow Biodiversity in the Greater Yellowstone Ecosystem.” D. Debinski and K. Kindscher. Grand Teton Natural History Association. May 2001–March 2003. \$12,500.
- “Botanical Surveys at the Thurmond Ranch, Dempsey Divide, Cheyenne, Oklahoma.” Pete Thurmond. December 2000–February 2002. \$6,000.
- “Playa Lakes Wetland Educational Project.” USDA Natural Resource Conservation Service. September 2000–September 2002. \$26,000.
- “Vegetation Monitoring of Cheyenne Bottoms Wetland Restoration Project.” The Nature Conservancy. May 1999–April 2002. \$46,439.
- “A Pilot Program for the Remediation of Soils at Abandoned Exploration/Production Oil Field Sites in Kansas” (F. deNoyelles, D. Graham, and K. Kindscher). Conservation Division of the Kansas Corporation Commission. February 1999–August 2002. \$96,000.
- “Prairie Restoration at the Somerset Site in Miami County, Kansas.” Kenneth Baum. July 1998–

December 2002. \$27,119.

“Certification of *Echinacea* Species Identity by DNA Sequence Analysis.” Phylogenetix Laboratories, Inc. May 2000–October 2000. \$20,370.

“Seed Collection for the City of Lawrence’s Wetland Prairie Restoration.” City of Lawrence, Kansas. September 1999–September 2000. \$16,443.

“Sustainable Wild Harvest of *Echinacea angustifolia*, a Native Prairie Medicinal Plant.” Plantation Medicinals Inc. March 1999–December 1999. \$6,534.

“Landscape Features and Roadless Areas of the Flint Hills.” The Wildlands Project. October 1998–September 1999. \$5,000.

“Wetland Restoration Monitoring at Cheyenne Bottoms for 1998.” Kansas Chapter of the Nature Conservancy. March 1998–June 1999. \$12,000.

“Development of a GIS Database for the Flint Hills–Osage Plains Ecoregional Plan—1998” (with Paul Rich, co-P.I.). The Midwest Office of the Nature Conservancy. January 1998–December 1998. \$22,394.

“Modeling Spatial and Temporal Dynamics of Montane Meadows and Biodiversity in the Greater Yellowstone Ecosystem” (co-P.I. with Diane Debinski, P.I., and Mark Jakubauskas). Environmental Protection Agency STAR grant. October 1996–December 1999. \$656,462.

“Development of a GIS Database for the Flint Hills—Osage Plains Ecoregional Plan” (with Paul Rich, co-P.I.). The Midwest Office of the Nature Conservancy. January 1997–December 1997. \$17,980.

“1997 Wetland Restoration Monitoring at Cheyenne Bottoms.” Kansas Chapter of the Nature Conservancy. April 1997–December 1997. \$9,600.

“Restoration and Monitoring Work for the Santa Fe Wetland Mitigation Site—Part II.” Douglas County, Kansas. December 1996–December 1998. \$9,600.

“Adding Value to Kansas-Grown Medicinal Plant Products.” Kansas Department of Commerce and Housing. September 1996–December 1997. \$11,500.

“Vegetation Analysis of Playa Lake Wetlands—1996 Data Collection.” USDA Natural Resource Conservation Service. June 1996–March 1997. \$4,000.

“Wetland Restoration Monitoring at Cheyenne Bottoms.” Kansas Chapter of The Nature Conservancy. March 1996–December 1997. \$8,500.

“Management Plans for Enhancing Wildlife and Environmental Benefits—Part II.” Western Resources. February 1996–December 1997. \$3,000.

“Wetlands Conservation Plan for the Potawatomi Indian Reservation, Kansas.” Potawatomi Indian Tribe and U. S. Environmental Protection Agency. 1995–1997. \$21,385.

“Wildlife Conservation Plan for the Potawatomi Indian Reservation, Kansas” (with William Busby as co-P.I.). Potawatomi Indian Tribe and U.S. Department of Health and Human Services. 1995–1997. \$20,772.

“Wetland Mitigation Projects in Kansas and the Development of Cost-Effective Methods and Procedures for Future Projects” (co-P.I. with Ernest Pogge). Kansas Department of Transportation and U.S. Mid-American Transportation Council. 1995–1997. \$113,880.

“Natural Products from Medicinal Plants of the Prairie as Leads to Anti-HIV and Anti-Cancer Compounds” (co-P.I. with Kirk Manfredi). Iowa Academy of Science. 1995. \$5,000.

“A Study of Wetlands and Wildlife in Jackson County, Kansas.” Western Resources. 1995–1996. \$6,000.

“Wetland Survey of the Sunflower Army Ammunition Depot” (with Chris Lauver as co-P.I.). North American Realty Advisors Services, New York. 1995. \$5,000.

"Management Plans for Enhancing Wildlife and Environmental Benefits." Western Resources. 1995. \$10,000.

"Vegetation Analysis of Playa Lake Wetlands—1995 Data Collection and Final Report." USDA Natural Resource Conservation Service (SCS). 1995–1996. \$8,000.

"Rangeland Biodiversity and Rotational Grazing." Kansas Rural Center. 1995–1998. \$4,837.

"Prairie Restoration at the Blue River Site in Johnson County, Kansas." Kenneth Baum. 1995–1999. \$19,200.

“Ethnobotanical Uses of Plants and Presettlement Vegetation of the Potawatomi Reservation.” Potawatomi Indian Tribe. 1995. \$2,000.

"Inventory and Vegetation Analysis of Playa Lakes in Southwest Kansas." USDA Soil Conservation Service. 1994–1995. \$12,000.

"Water Quality of Playa Lake Wetlands and Regional Wetland Plant Species Lists for Kansas." USDA Soil Conservation Service. 1994–1995. \$2,000.

"Restoration and Monitoring Work for the Santa Fe Wetland Mitigation Site." Douglas County Commission, Lawrence, Kansas. 1993–1996. \$29,600.

"Old-Growth Forest Definition of Western Hardwood Gallery Forest." USDA Forest Service. 1993–1994. \$6,500.

"Land Tenure in the Flint Hills." Kansas Chapter of the Sierra Club. 1993–1994. \$2,000.

"Identification and Delineation of Loggerhead Shrike Habitat on the Fort Riley Military Reservation" (co-P.I. with Chris Lauver, William Busby, and Jerry Whistler). U.S. Army, Ft. Riley Military Reservation. 1993–1995. \$50,000.

SELECTED PRESENTATIONS

(I have made over 30 public presentations during the last five years; selected examples are listed below.)

“Ranking Tool for Medicinal Plants at Risk of Being Overharvested in the Wild.” K. Kindscher, L. Castle, S. Leopold, and R. Craft. Society for Ethnobiology conference, May 16, 2013.

“Prairie Ethnobotany--honoring traditional knowledge for uses of native plants today.” Botanical Research Institute of Texas, Ft. Worth, Texas, May 14, 2013.

“Wild Tomatillos (*Physalis* species) as Food and Medicine.” International Congress on Natural Product Research (American Pharmacognosy Assn). New York, New York, July 31, 2012.

“The Sustainability of Harvest of Osha (*Ligusticum porteri*), an Important Medicinal Plant of the Southwest United States. Natural Areas Association conference, Norfolk, VA, October 12, 2012.

“Medicinal Plants of the Prairie—What we have learned, what we are learning, and why we should protect our prairies and their diversity”. Missouri Prairie Foundation Annual Meeting, Kansas City, MO, June 18, 2011.

“Native Medicinal Plants” for the Minority Access to Research Careers Program, New Mexico State University, Las Cruces, NM, February 16, 2010.

“The Flora of Lake Roberts (Gila National Forest).” Native Plant Society of New Mexico Annual Meeting, Silver City, NM, August 13, 2010.

“Medicinal Plants of the Gila Region, New Mexico.” Third Natural History of the Gila Symposium.” Silver City, NM, October 15, 2010.

“Should Wind Energy be Developed in the Kansas Flint Hills?” One of five panelists for the NSF IGERT Climate Change Program at the University of Kansas, November 5, 2010.

“A new Vision for Restoration: Developing a Culture of Harvest and Use of the Planted Wild.” Keynote address: Prairie Plains Resource Institute annual meeting, Aurora, Nebraska, January

17, 2009.”

“The History and Impacts of *Echinacea angustifolia* Harvest in Kansas.” Kansas Native Plant Society, Hays, KS, October 3, 2008.

“Re-Sprouting of *Echinacea angustifolia* Augments Sustainability of Wild Medicinal Plant Populations.” Society for Ethnobiology, Fayetteville, AR, April 17, 2008.

“Wetlands Along the Gila River in Southwest, New Mexico.” Gila Natural History Symposium, Silver City, NM, October 17, 2008.

“Disturbance Regimes Alter Forb Colonization in Warm-Season Grass Plantings.” Kelly Kindscher and Quinn Long. 2nd National Conference on Ecosystem Restoration Conference, Kansas City, Missouri, April 24, 2007.

“Winnebago Ethnobotany and Botanical Resources Project.” K. Kindscher, R. Pitts, A. Martyn, and N. Crowe. Economic Botany Conference, Chicago, Illinois, June 5, 2007.

“From the Mountains to the Desert: Flora and Fauna of the Gila River Corridor in New Mexico.” K. Kindscher, William Norris, Randy Jennings and Roland Shook (panel) Gila River Festival, Silco Theatre, Silver City, NM, September 14, 2006.

“Prairies Found and Prairies Lost: Inventory Work in Northeast Kansas.” By K. Kindscher, Natural Areas Association Conference Flagstaff, Arizona, September 22, 2006.

“Vegetation of the Gila River.” K. Kindscher, Natural History of the Gila: A Southwestern New Mexico Symposium. Western New Mexico University, Silver City, NM, October 7, 2006.

“Preservation and Restoration of the Prairie.” Earth Day Forum, Lawrence, KS, April 21, 2006.

“Wild Medicinal Plant Harvest in the United States: A case study of *Echinacea* species.” Guru Nanak Khalsa College, Bombay India, October 15, 2005.

“At Risk Medicinal Plants.” Southern Medicinal Plants Symposium, Atlanta Botanical Garden, Atlanta, Georgia, November 5, 2005.

“How the Poisonous Silverleaf Nightshade Berries Are Used in Making Asadero Cheese” (presented by Kelly Kindscher and Erika Noguera). Society for Ethnobiology Conference, Davis, California, March 25, 2004.

“The Conservation Status of *Echinacea* Species.” Economic Botany Conference, Tucson, Arizona, June 3, 2003.

“Native Prairie Plants as Sources of New Pharmaceuticals.” Presented by K. Manfredi and K.

Kindscher. 38th Midwest Regional Meeting of the American Chemical Society, Columbia, Missouri, Sept 22, 2003.

“Echinacea—A Case Study of Medicinal Plant Use, Exploitation, and Conservation. Department of Animal Ecology, Iowa State University.” November 15, 2002.

“The Importance of Biodiversity for Land Trusts.” Land Trust Rally, Austin, Texas, October 29, 2002.

“Preserving Prairies, Preserving Plants throughout the Midwest and Great Plains.” Environmental Studies Program, Baylor University, January 22, 2001.

“Using GIS to Prioritize Tallgrass Prairie Conservation in the Kansas Flint Hills” (presented by Kelly Kindscher and Aimee Stewart). Land Conservation Summit 2000, University of Minnesota, July 28, 2000.

“Playa Lake Wetlands: Identification and Protection of Wetlands in the Dust Bowl Region.” Nature and Culture Colloquium, Hall Center for the Humanities, University of Kansas, February 5, 1999.

“Prairie Field Trip and KU Herbarium Tour for the 1999 International Echinacea Symposium.” Kansas City, Missouri, June 5, 1999.

“Comparisons of Five Kansas Department of Transportation Wetland Mitigation Sites in Eastern Kansas” (presented by Kelly Kindscher, Megan Mehaffey, and Alexandra Fraser). 19th Annual Meeting of the Society of Wetland Scientists, Anchorage, Alaska, June 9, 1998.

“Echinacea angustifolia—The Prime Crop of a Kansas Medicinal Plant Industry” (presented by Kelly Kindscher, Dana Hurlburt, and Trish Flaster). 21st Annual Society for Ethnobiology conference, University of Nevada, Reno, April, 16, 1998.

“Vegetation Differences in Remotely-Sensed Wetlands of Grand Teton National Park” (presented by Kelly Kindscher, Alexandra Fraser, Mark Jakubauskas, and Diane Debinski). Society for Wetland Scientists conference, Montana State University, Bozeman, Montana, June 2, 1997.

“Ethnobotanically-Useful Prairie Plants Collected for Anti-cancer and Anti-HIV Compound Testing.” 19th Annual Conference of the Society for Ethnobiology, Santa Barbara, California, March 30, 1996.

ORGANIZATIONS

I am a member of the following professional organizations:
Natural Areas Association

Society for Ecological Restoration
Society for Economic Botany
Society for Ethnobiology
Society for Wetland Scientists (I also have been recognized by this organization as a Professional Wetland Scientist.)

Board member, Kansas Land Trust, Lawrence, Kansas a non-profit organization founded to protect natural areas and open space in Kansas (1992–present).

Board member, Prairie Plains Resource Institute, Aurora, Nebraska (2009-present).

Advisory Board Member, United Plant Savers (a medicinal plant conservation organization), East Barre, Vermont (2006--present).

Faculty Advisor, K.U. Environs, the student environmental organization (1998–present).

Faculty Advisor, K.U. Student Farm, the student community garden organization (2010–present).

Board Member, Ecumenical Campus Ministries, Lawrence, Kansas (2012-2013).

Board Member, United Plant Savers (a medicinal plant conservation organization), East Barre, Vermont (2000–2006).

Board of Directors, Tallgrass Legacy Alliance (a working group of ranchers, farmers, and agencies promoting tallgrass prairie conservation values and land protection). Eureka, Kansas (2000–2006).

Land Management Advisory Board, Kansas Chapter of the Nature Conservancy (1999–2003).

Tallgrass Prairie Preserve, National Park Service. Science Advisory Board (1998–2004).

Committee Member, ECO2, A Lawrence, Kansas Chamber of Commerce Study Group to Identify Future Industrial Park and Open Space Lands (2000–2003).

Co-founder and Member of the Kansas Area Watershed (KAW) Council, a grassroots bioregional organization representing the Kansas River watershed and the North American Prairie (1982–1998).

Board of Directors, Central Prairie Seed Exchange, Topeka, Kansas, an organization whose members, primarily gardeners and farmers, conserve old varieties of seeds and other genetic stock (1987–95).

Board of Directors, American Community Garden Association, development committee chair

(1985–1988).

Board of Directors, The Grassland Heritage Foundation, Shawnee Mission, Kansas (1986–1988).