

Andrew M. Ricketts

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Education

Ph.D. in **Biology**, *Kansas State University*, Manhattan, KS, 2016. Dissertation Title: Of Mice and Coyotes: Mammalian Responses to Rangeland Management Practices in Tallgrass Prairie. (Advisor: B.K. Sandercock).

Bachelor of Science in Wildlife Biology, *Kansas State University*, Manhattan, KS, 2003.

Academic Appointments

2016-present. **Assistant Professor**, Department of Horticulture and Natural Resources, *Kansas State University*, Manhattan, KS.

2014-2015. **Graduate Teaching Assistant**, Division of Biology, *Kansas State University*, Manhattan, KS.

2011-2014. **GAANN Fellow**, Division of Biology, *Kansas State University*, Manhattan, KS.

Publications

Wait, K.R., **A.M. Ricketts**, and A.A. Ahlers. 2018. Land-use change structures carnivore diversity and distribution in remaining tallgrass prairie. *Journal of Wildlife Management* 82(7):1491-1502.

Ricketts, A.M., and B.K. Sandercock. 2016. Patch-burn grazing increases habitat heterogeneity and biodiversity of small mammals in managed rangelands. *Ecosphere* 7(8):e01431.10.1002/ecs2.1431.

Grants

Haukos, D.A., and **A.M. Ricketts**. Survival rates, habitat selection, and movements of sympatric mule deer and white-tailed deer in Kansas. Kansas Dept. of Wildlife, Parks, and Tourism. \$1.9 Million. 2018-2021

Ricketts, A.M. Habitat improvements for the future of wildlife management. National Wild Turkey Federation, \$2,520, 2016-2018.

TWS Biological Diversity Working Group Travel Award, Biological Diversity Working Group, *The Wildlife Society*, \$500, October 2014.

Arts and Sciences Graduate Student Research Travel Award, College of Arts and Sciences, *Kansas State University*, \$1,000, October 2014.

Graduate Student Council Travel Award, Graduate Student Council, *Kansas State University*, \$500, October 2014.

Sandercock, B. K., and **A. M. Ricketts**. Resource utilization by a top predator in an experimental landscape. University Small Research Grant, Office of Research and Sponsored Programs, *Kansas State University*, \$5,000, Spring 2014.

Research Grant, 2014, Biology Graduate Students Association, Division of Biology, *Kansas State University*, \$500, Summer 2014.

Arts and Sciences Graduate Student Research Travel Award, College of Arts and Sciences, *Kansas State University*, \$1,000, May 2014.

Sandercock, B. K., and **A. M. Ricketts**. Influence of patch-burn grazing on carnivore space-use in tallgrass prairie. BRIEF Award, Division of Biology, *Kansas State University*, \$7,000, Spring 2012.

President's Travel Grant Award, Graduate Student Council, *Kansas State University*, \$200, Spring 2011.

Honors

W.L. Stamey Award for Undergraduate Teaching, College of Arts and Sciences, *Kansas State University*, 2013.

Best Student Paper Presentation, Kansas Chapter of *The Wildlife Society*, Kansas Natural Resources Conference, 2012.

Crimson Drip Torch Award for Outstanding Service to Konza Prairie Biological Station (Received 2x, 2011 and 2012).

Invited Presentations

Ricketts, A.M. July 2018. Teaching natural resources and wildlife concepts. Kansas Association of Career and Technical Education Summer Conference, Manhattan, Kansas.

Ricketts, A.M., W.E. Jensen, and B.K. Sandercock. April 2013. Consumer and vegetative responses to patch-burn grazing in tallgrass prairie. Department of Biology, Emporia State University, Emporia, Kansas (Departmental Seminar).

Research Presentations

Ricketts, A.M., and B.K. Sandercock. October 2016. Demographic performance of small mammals in response to patch-burn grazing. The Wildlife Society (23rd Annual Conference), Raleigh, North Carolina.

Ricketts, A.M., and B.K. Sandercock. August 2015. Small mammal responses to patch-burn grazing. The Wildlife Society, Central Mountains and Plains Section Meeting, Manhattan, Kansas.

Ricketts, A.M., and B.K. Sandercock. January 2015. Coyote space use in tallgrass prairie. Kansas Natural Resources Conference, Wichita, Kansas.

Ricketts, A.M., and B.K. Sandercock. October 2014. Small mammal responses to patch-burn grazing in tallgrass prairie. The Wildlife Society (21st Annual Conference), Pittsburgh, Pennsylvania.

- Ricketts, A.M.**, and B.K. Sandercock. May 2014. Resource utilization by a top predator in an experimental landscape. Symposium on Animal Movement and the Environment. Raleigh, North Carolina (poster).
- Ricketts, A.M.**, W.E. Jensen, and B.K. Sandercock. January 2014. Small mammal responses to patch-burn grazing. Midwest Fish and Wildlife Conference (74th Annual Meeting), Kansas City, Missouri.
- Ricketts, A.M.**, W.E. Jensen, and B.K. Sandercock. November 2013. Small mammal responses to patch-burn grazing. Sunset Zoo, Manhattan, Kansas.
- Cann, A.A., **A.M. Ricketts**, and B.K. Sandercock. April 2013. Small mammal responses in relation to vegetation recovery in patch-burn grazing pastures. National Conference on Undergraduate Research, Lexington, Kentucky (Poster).
- Ricketts, A.M.**, J.L. Sojka, C.C. Then, W.E. Jensen, and B.K. Sandercock. January 2013. Patch-burn grazing and demographic performance of grassland songbirds. Kansas Natural Resources Conference, Wichita, Kansas.
- Wiggam-Ricketts, S.D., G. Zolnerowich, and **A.M. Ricketts**. January 2013. Pollinator resource use in rangelands that utilize patch-burn grazing. Kansas Natural Resources Conference, Wichita, Kansas (Poster).
- Ricketts, A.M.**, W.E. Jensen, and B.K. Sandercock. August 2012. Small mammal community responses to patch-burn grazing. Patch-burn Grazing Workshop, Elmdale, Kansas.
- Ricketts, A.M.**, W.E. Jensen, S. M. Wisely and B.K. Sandercock. June 2012. Small mammal community responses to patch-burn grazing. American Society of Mammalogists (92nd Annual Meeting), Reno, Nevada.
- Ricketts, A.M.**, W.E. Jensen, and B.K. Sandercock. January 2012. Small mammal community responses to patch-burn grazing. Kansas Natural Resources Conference, Wichita, Kansas.

Teaching Experience

- 2016-present. **Primary Instructor**, Kansas State University
 -Advanced Wildlife Habitat Management, WOEM 562 (2X)
 -Fauna and Flora of the Great Plains, WOEM 350
 -Human Wildlife Conflicts, WOEM 620 (3X)
 -Wildlife Habitat/Food Plot Installation and Maintenance, WOEM 207 (2x)
 -Principles and Practices of Freshwater Fishing and Guiding, WOEM 565 (2x)
 -Sporting Clays Range Development and Operations, WOEM 205 (2X)
 -Trap & Skeet Range Development and Operations, WOEM 206 (2X)
- 2011-2015. **Graduate Teaching Assistant**, Division of Biology, Kansas State University
 -Wildlife Management and Techniques, BIOL 684 (5x)
 -Mammalogy, BIOL 544 (5x)
 -Principles of Biology, BIOL 198 (Summer 2015)
2003. **Undergraduate Practicum Teaching Assistant**, Division of Biology, Kansas State University
 -Taxonomy of Vascular Plants, BIOL 551

Professional Societies and Service

Program Assessment Committee, Department of Horticulture and Natural Resources, *Kansas State University*, 2016-present.

Graduate Program Committee, Department of Horticulture and Natural Resources, *Kansas State University*, 2016-present.

Graduate Student Representative, Graduate Affairs Committee, Division of Biology, *Kansas State University*, 2013.

Reviewer, Journal of Animal Ecology, Ecosphere, The Wildlife Society Bulletin, American Midland Naturalist, Royal Society Open Science, Prairie Naturalist, and Transactions of the Kansas Academy of Sciences.

American Society of Mammalogists, Life Member

The Wildlife Society, Member 2002- 2004; 2012-present

North American Colleges and Teachers of Agriculture, Life Member

KSU Student Chapter of The Wildlife Society 2001-2004

Vice-President for Wildlife, KSU Student Chapter of The Wildlife Society 2002-2003