

CURRICULUM VITAE

R. Dwayne Elmore

Natural Resource Ecology and Management
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Education:

Ph.D. in Wildlife Biology at Utah State University in August, 2006. Dissertation: Recovery of the Utah prairie dog: public perception and cattle grazing as a management tool. Advisor: Terry A. Messmer.

M.S. in Wildlife and Fisheries Science with a minor in Statistics at Mississippi State University, 2002. Thesis: Landscape correlates and variability in mourning dove abundance along call-count routes in Mississippi. Advisor: Francisco J. Vilella.

B.S. in Wildlife Biology at the University of Tennessee at Martin, 1997.

Professional Experience:

State Extension Wildlife Specialist and Assistant Professor, Oklahoma State University, June 2006-present.

Graduate Research Assistant at Utah State University, 2002-2006. Conducted grazing and sage grouse telemetry research, implemented social surveys, and heavily involved with nationally recognized community based conservation planning. 2002-2006

Mississippi Gap Analysis Program (GAP), 2001-2002.
Assisted with data delivery and completion of Mississippi GAP final report.

Graduate Research Assistant at Mississippi State University, 1998-2001. Conducted call-counts for mourning doves, created GIS data sets, and spatially analyzed GIS data.

Ducks Unlimited, Great Plains Regional Office, 1997. Banded waterfowl, ground-truthed GIS data, prepared presentations for donors, located project sites on digital quads, and updated databases.

Tennessee National Wildlife Refuge (1996) and Reelfoot National Wildlife Refuge (1997). Collected data from wood duck boxes, coordinated wood duck banding program, conducted beaver control, collected goose collar numbers, controlled invasive aquatic plants, and assisted with MAPS neotropical bird banding.

Professional Memberships and Involvement:

Member of the Jack H. Berryman Institute for Wildlife Damage Management, 2001-present.
Graduate President, 2004.

Member of the Society for Range Management, 2002-present.

Member of The Wildlife Society, 1995-present, Treasurer of State Chapter 2006-present.

Adjunct Faculty at Utah State University.

Certified Wildlife Biologist, TWS

Charter member of the Oklahoma Prescribed Fire Council.

National 4-H WHEP National Steering Committee.

Board member for the Oklahoma Wildlife and Prairie Heritage Alliance.

Wildlife Committee for the Society for Range Management.

Presentations and Posters at Professional Meetings:

Allen, K.P., C.S. Allen, and R. D. Elmore. 2009. Bird Brains: Birding for Youth. Children, Youth and Families at Risk National Conference. Baltimore, Maryland, USA.

Elmore, R.D., T.G. Bidwell, and J.R. Weir. 2008. Perceptions of Oklahoma Residents to Prescribed Fire. 24th Tall Timbers Fire Ecology Conference, Tallahassee, Florida, USA.

Cooper, B. and R. D. Elmore. 2008. Perceptions of Oklahoma Residents to Prescribed Fire (Poster). Annual Meeting of the Society of Range Management, Albuquerque, New Mexico, USA.

Cooper, B. and R. D. Elmore. 2008. Sand plum correlations with avian abundance. Annual Meeting of the Oklahoma Chapter of the Society for Range Management, Lawton, Oklahoma, USA.

Elmore, R. D. 2008. Historical and future perspective of anthropogenic features and impacts relative to bird populations. The Wildlife Society Annual Meeting, Miami, Florida, USA.

Elmore, R. D. 2007. Lease Hunting. 2007 Women in Agriculture Conference, Hugo, Oklahoma, USA.

Cooper, B. and R. D. Elmore. 2007. Sand plum correlations with avian abundance. TWS state meeting, Woodward, Oklahoma, USA.

Elmore, R. D. 2006. Managing endangered species. BEHAVE workshop, Midway, Utah, USA.

Elmore, R. D. and T. A. Messmer. 2006. Stakeholder attitudes regarding Utah prairie dog

recovery and management. Annual Meeting of the Wildlife Society, Anchorage, Alaska, USA.

Elmore, R. D. 2006. Extension's role in endangered species management. Triennial Extension Wildlife and Fisheries Specialists Conference, Big Sky, Montana, USA.

Elmore, R. D. 2006. Patchiness, scale, and mosaic at the landscape level. Annual Meeting of the Oklahoma Chapter of the Society for Range Management in McAllister, Oklahoma, USA.

Fry, N. and R. D. Elmore. 2006. Utah prairie dogs: creative strategies to de-list a problematic endangered species. Vertebrate Pest Conference, Berkeley, California, USA.

Elmore, R. D. and T. A. Messmer. 2006. Stakeholder attitudes regarding Utah prairie dog recovery. Annual Meeting of the Utah Chapter of the Wildlife Society, Moab, Utah, USA

Brunson, M. and R. D. Elmore. 2006. Landowner perceptions of ranchland conservation: a matter of trust. Annual Meeting of the Society for Range Management, Vancouver, British Columbia, Canada.

Elmore, R. D. and T. A. Messmer. 2005. Stakeholder attitudes regarding Utah prairie dog recovery. Jack H. Berryman Institute Symposium. Logan, Utah, USA.

Elmore, R. D. and F. J. Vilella. 2000. Landscape and habitat analysis along dove call-count routes in Mississippi. Annual Meeting of the Wildlife Society, Nashville, Tennessee, USA.

Elmore, R. D. and F. J. Vilella. 2000. Landscape and habitat analysis along dove call-count routes in Mississippi. Annual Meeting of the Mississippi Chapter of the Wildlife Society, Jackson, Mississippi, USA.

Elmore, R. D. and F. J. Vilella. 1999. Eurasian collared dove expansion in Mississippi. Annual Meeting of the American Ornithological Union, Ithaca, New York, USA.

Publications:

Peer Reviewed:

Elmore, R.D., T.G. Bidwell, and J.R. Weir. 2009. Perceptions of Oklahoma residents to prescribed fire. Pages 000–000 in K.M. Robertson, K.E.M. Galley, and R.E. Masters (eds.). Proceedings of the 24th Tall Timbers Fire Ecology Conference: The Future of Prescribed Fire: Public Awareness, Health, and Safety. Tall Timbers Research Station, Tallahassee, Florida, USA.

Elmore, R. D., T. A. Messmer, and M. W. Brunson. 2007. Perceptions of wildlife damage and species conservation: lessons learned from the Utah prairie dog. *Journal of Human Wildlife Conflicts* 1:78-88.

Elmore, R. D., F. J. Vilella, and P. Gerard. 2007. Landscape correlates along mourning dove call-count routes in Mississippi. *Journal of Wildlife Management* 71:422–427.

Elmore, R. D. 2007. Extension's role in endangered species management. Pages 146-152 in Proceedings of the 11th Triennial Extension Wildlife and Fisheries Specialists Conference, 14-18 October 2006, Big Sky, Montana, USA.

Reports:

Vilella, F. J., R. B. Minnis, R. D. Elmore, J. L. Bowman, D. L. Evans, J. McCombs. 2003. Mississippi GAP analysis final report. Mississippi Cooperative Fish and Wildlife Research Unit. Mississippi State University, Mississippi State, Mississippi, USA.

Dahlgren, D., D. Elmore, and T.A. Messmer 2005. Community-based conservation programs In Utah: Parker Mountain Annual Report. Utah State University Extension, Logan. 30pp.

Dahlgren, D., D. Elmore, and T.A. Messmer 2004. Community-based conservation programs in Utah: Parker Mountain Annual Report. Utah State University Extension, Logan. 30pp.

Dahlgren, D., D. Elmore, and T.A. Messmer 2003. Community-based conservation programs in Utah: Parker Mountain Annual Report. Utah State University Extension, Logan. 25pp.

Extension Publications:

Weir, J. R., R. D. Elmore, T. G. Bidwell, D. M. Engle, J. D. Carlson, and S. D. Fuhlendorf. 2009. Oklahoma prescribed burning handbook. Oklahoma Cooperative Extension Service E-1010.

Tyrl, R. J., T. G. Bidwell, R. E. Masters, R. D. Elmore. 2008. Field Guide to Oklahoma Plants: Commonly encountered prairie, shrubland, and forest species, 2nd edition. Oklahoma State University.

Allen, K. and R.D. Elmore. 2008. Birding introduction. Oklahoma Cooperative Extension Service 4-H Lit No 4H NREM 620.

Allen, K. and R.D. Elmore. 2008. Using binoculars. Oklahoma Cooperative Extension Service 4-H Lit No 4H NREM 621.

Allen, K. and R.D. Elmore. 2008. I think it is a...identifying birds. Oklahoma Cooperative Extension Service 4-H Lit No 4H NREM 622.

Weir, J. R., S. D. Fuhlendorf, D. M. Engle, T. G. Bidwell, D. C. Cummings, and R. D. Elmore. 2007. Patch burning: integrating fire and grazing to promote heterogeneity. Oklahoma Cooperative Extension Service E-998.

Tyrl, R. J., T. G. Bidwell, R. E. Masters, R. D. Elmore, and J. R. Weir. 2007. Oklahoma's Native Vegetation Types. Oklahoma Cooperative Extension Service E-993.

Weir, J. R., T. G. Bidwell, K. R. Hickman, S. D. Fuhlendorf, R. D. Elmore. 2007. Fire: myths and facts. Oklahoma Cooperative Extension Service L-321.

Elmore, R. D. and T. A. Messmer, 2006. Public perceptions regarding the Utah Prairie Dog and its management: Implications for species recovery. Berryman Institute Publication No. 23. Utah State University, Logan, 16 pp.

Elmore, R. D. and T. A. Messmer, 2006. Livestock Grazing and the Utah Prairie Dog: Implications for Managing the Awapa. Berryman Institute Publication No. 24. Utah State University, Logan, 15 pp.

Elmore, R. D., F. J. Vilella, and D. Godwin. 2002. The Eurasian collared-dove in Mississippi. Mississippi Woods and Waters 4(12).

Extension In-services:

Co-organized Range Management Field Day. 2009. Extension In-service and landowner workshop. Pawhuska, Oklahoma.

Wildlife Habitat Evaluation Program. 2009. Extension In-service. Knoxville, Tennessee.

Coordinated Birding 101. 2009. Extension In-Service. Stillwater, Oklahoma.

Coordinated Wildlife Habitat Evaluation Program. 2009. Extension In-service. Stillwater, Oklahoma.

Coordinated Wildlife Habitat Evaluation Program. 2008. Extension In-service. Stillwater, Oklahoma.

Coordinated Birding 101. 2008. Extension In-Service. Tulsa, Oklahoma.

Coordinated Deer/Turkey Management in the Crosstimbers. 2008. Extension In-service. Stillwater, Oklahoma.

Coordinated Patch-burn Field Day at the Tallgrass Prairie Preserve. 2007. NRCS and Extension Training. Pawhuska, Oklahoma.

Coordinated Patch-burn Field Day at the Klemme Research Station. 2007. NRCS and Extension Training. Klemme, Oklahoma.

Coordinated Wildlife Habitat Evaluation Program. 2007. Extension In-service. Stillwater, Oklahoma.

Coordinated Wildlife Damage Workshop. 2007. Extension In-service El Reno, Oklahoma.

Coordinated Wildlife Damage Workshop. 2007. Extension In-service. Okemba, Oklahoma.

Co-organized Utah Prairie Dog Focus Group Meetings. 2005. Extension In-service. Cedar City, Utah.

Conferences and Symposiums:

Co-organized and moderated symposium titled “Avian collisions with anthropogenic vertical features” at the 2008 The Wildlife Society annual conference in Miami, Florida.

Organized a Ranch Conversation in Buffalo, Oklahoma to discuss the Lesser-prairie Chicken and implications of an ESA listing with landowners, agencies, and developers.

Co-organized Society for Range Management symposium on habitat heterogeneity at the 2008 annual meeting in Louisville, Kentucky.

Coordinated Bollenbach Wildlife Symposium. 2007. Landowner training and TWS meeting. Woodward, Oklahoma.

Coordinated Concepts and Applications of Rangeland Health when Managing for Wildlife. 2007. NRCS training. Woodward, Oklahoma.

Committee for Red River Quail Symposium. 2006. Wichita Falls, Texas.

Programs Developed or Revised:

Revised the National 4-H WHEP manual for whep.org. The WHEP contest is the largest and most successful wildlife 4-H event in the U.S. Specifically, updated 3 ecoregions, added 6 species of wildlife, wrote fire and grazing practices, and edited the entire manual.

Worked with the Oklahoma Audubon Council and Oklahoma Agritourism to initiate a Lesser-prairie Chicken Festival in Woodward, Oklahoma.

Developed a Renewable Resource Extension Act RFP for Oklahoma to deliver funds to county extension to carry out natural resource management and outreach.

Revised 4-H Wildlife State Fair documents including: 4-H Wildlife Bird and Nest Observation Form, Wildlife Food and Cover Form, Bird Feeding Station Report, Self Determined Wildlife Project Ideas, and the Wildlife and Bird Guidelines.

Newsletters:

Worked with Brett Cooper to produce monthly articles for Oklahoma Department of Wildlife Conservation’s Newsletter on nongame issues in the state. 2007-2008. (audience of approximately 7,000)

Produce 4 NREM newsletters annually to promote activities with the Department. (distribution to over 700 stakeholders)

Courses Organized:

Designed a range and wildlife field trip for 9 graduate students to Utah. This resulted in each

student completing an outreach product based on knowledge gained from this trip. This trip was available for credit as a special problems course.

Professional Review:

Journals:

Journal of Wildlife Management

Rangeland Ecology and Management

Human Wildlife Conflicts

Transactions of the Southeastern Association of Fish and Wildlife Agencies

Proceedings of the American Society of Mining and Reclamation

Books:

Guthery, F. S. 2008. A primer on natural resource science.

Current Graduate Students:

Amber Breland, M.S. Candidate. Relationship between fire and black-tailed prairie dog colony expansion. Expected completion December 2010.

Andrew Crosby, M.S. Candidate. Evaluation of Oklahoma EQIP-quail habitat restoration initiative. Expected completion December 2011.

Graduate Committees:

Valerie Cook, M.S. Candidate. White-tail deer and bobwhite diet overlap.

Will Lowry M.S. Candidate (Botany, OSU). Floristic inventory of the Ozark Plateau NWR and taxonomy of *Quercus* in Oklahoma.

Donald Cole, PhD Candidate. Human-wildlife conflicts with primates in Africa.

Gretchen Hochnedel, M.S. Candidate (Utah State University). Management of sagebrush habitat for the Utah prairie dog.

Tommy Puffinberger, M.S. Candidate. Environmental stewardship for horse trails.

Blayr Beougher, M.S. Candidate. Prairie ecology online learning module.

Other Research:

Public perceptions of prescribed fire in Oklahoma. Joint multi-state project with Utah State University

Monitoring the efficacy of fence marking to reduce mortality of Lesser-prairie Chicken in Western Oklahoma. Joint project with the Sutton Avian Research Center.